A Word to Mazda Owners

Thank you for choosing a Mazda. We at Mazda design and build vehicles with complete customer satisfaction in mind.

To help ensure enjoyable and trouble-free operation of your Mazda, read this manual carefully and follow its recommendations.

Regular servicing of your vehicle by an expert repairer helps maintain both its roadworthiness and its resale value. A world-wide network of Authorised Mazda Repairers can help you with their professional servicing expertise.

Their specially trained personnel are best qualified to service your Mazda vehicle properly and exactly. Also, they are supported by a wide range of highly specialized tools and equipment specially developed for servicing Mazda vehicles. When maintenance or service is necessary, consult an expert repairer (we recommend an Authorised Mazda Repairer).

We assure you that all of us at Mazda have an ongoing interest in your motoring pleasure and in your full satisfaction with your Mazda product.

Mazda Motor Corporation HIROSHIMA, JAPAN

Important Notes About This Manual

Keep this manual in the glove compartment as a handy reference for the safe and enjoyable use of your Mazda. Should you resell the vehicle, leave this manual with it for the next owner.

All specifications and descriptions are accurate at the time of printing. Because improvement is a constant goal at Mazda, we reserve the right to make changes in specifications at any time without notice and without obligation.

Please be aware that this manual applies to all models, equipment and options. As a result, you may find some explanations for equipment not installed on your vehicle.

©2023 Mazda Motor Corporation October 2024 (Print3)

How to Use This Manual

We want to help you get the most driving pleasure from your vehicle. Your owner's manual, when read from cover to cover, can do that in many ways.

Illustrations complement the words of the manual to best explain how to enjoy your Mazda. By reading your manual, you can find out about the features, important safety information, and driving under various road conditions.

The symbol below in this manual means "Do not do this" or "Do not let this happen".



References to left hand and right hand are made as if facing in the same direction the vehicle faces. Although this manual explains a left-hand-drive model, it also applies to right-hand-drive models.

Index: A good place to start is the Index, an alphabetical listing of all information in your manual.

You'll find several WARNINGS, CAUTIONS, and NOTEs in the manual.

▲ WARNING

A WARNING indicates a situation in which serious injury or death could result if the warning is ignored.



A CAUTION indicates a situation in which bodily injury or damage to your vehicle, or both, could result if the caution is ignored.

NOTE

A NOTE provides information and sometimes suggests how to make better use of your vehicle.

The following symbol, located on some parts of the vehicle, indicates that this manual contains information related to the part.

Please refer to the manual for a detailed explanation.



Table of Contents

Pictorial Index Interior, exterior views and part identification of your Mazda.	
menor, exterior views and part identification of your Mazda.	
Essential Safety Equipment Important information about safety equipment, including seats, seat belt	2
system, child-restraint systems and SRS air bags.	
Before Driving Use of various features, including keys, doors, mirrors and windows.	3
When Driving Information concerning safer driving and stopping.	4
Interior Features Use of various features for ride comfort, including air-conditioning and audio system.	5
Maintenance and Care How to keep your Mazda in top condition.	6
If Trouble Arises Helpful information on what to do if a problem arises with the vehicle.	7
Customer Information Important consumer information including warranties and add-on equipment.	8
Specifications Technical information about your Mazda.	9
Index	10

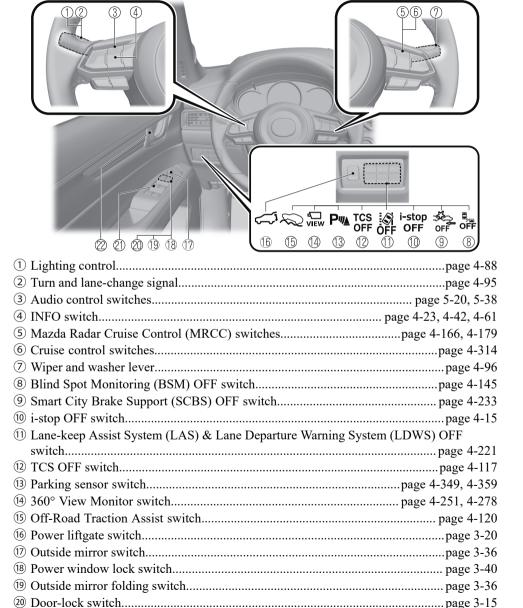
Pictorial Index

Interior, exterior views and part identification of your Mazda.

Interior Overview (Left-Hand Drive
Model)1-2
Interior Equipment (View A)1-2
Interior Equipment (View B)1-4
Interior Equipment (View C)1-5
Interior Equipment (View D)1-6
Interior Equipment (View E) 1-7
Interior Overview (Right-Hand Drive
Model)1-8
Interior Equipment (View A)1-8

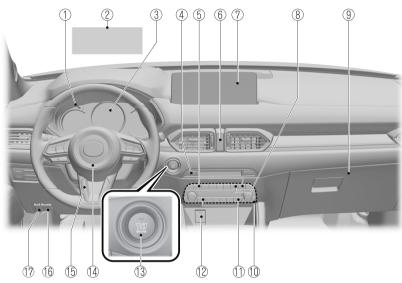
Interior Equipment (View B)	1-9
Interior Equipment (View C)	1-10
Interior Equipment (View D)	1-1
Interior Equipment (View E)	1-12
Exterior Overview	1-13
Front	1-1;
Rear	1-14

Interior Equipment (View A)



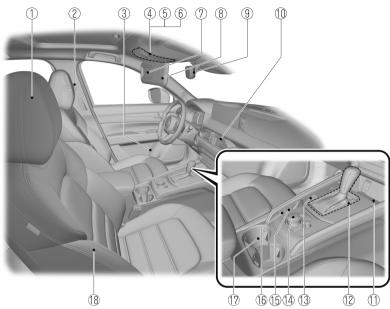
21)	Power window switches.	page	3-40
22)	Door-lock knob.	page	3-16

Interior Equipment (View B)



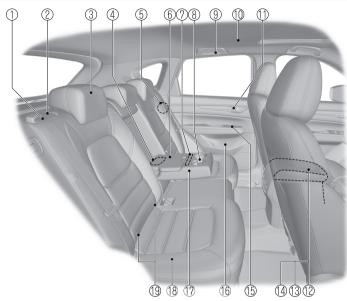
	_
① Instrument panel illumination knob	page 4-27, 4-46, 4-64
② Active driving display	page 4-74
③ Instrument cluster	page 4-20
4 Heated steering wheel switch	page 2-25
Seat warmer switches	page 2-23
6 Hazard warning flasher switch	page 4-103
7 Mazda Connect	page 5-14, 5-31
8 Rear window defogger switch	page 4-100
Glove compartment	page 5-61
Air-conditioning system	page 5-2
11) Seat ventilation switches	page 2-24
② Accessory socket	
3 Push button start	page 4-4
(4) Horn	
15 Lock release lever	page 2-5
16 Bonnet release handle	page 6-20
(7) Remote fuel-filler flap release	page 3-34

Interior Equipment (View C)



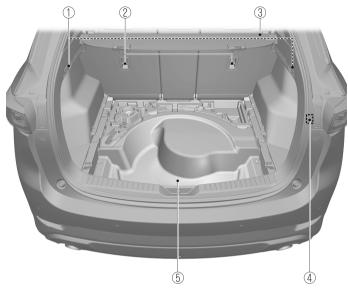
① Head restraint	page 2-21
② Seat belt	page 2-26
3 Bottle holder	
4 Overhead lights	page 5-49
5 Overhead console	page 5-61
6 Sunroof switch	
7 Vanity mirror	
8 Sunvisor	page 5-49
9 Rearview mirror	
10 Vent	
1) Wireless charger (Qi)	
12 Selector lever	page 4-77
⁽³⁾ Mazda intelligent Drive Select (Mi-Drive) switch	
(4) Commander switch	
(5) Electric parking brake (EPB) switch	
(6) AUTOHOLD switch	
① Cup holder	

Interior Equipment (View D)



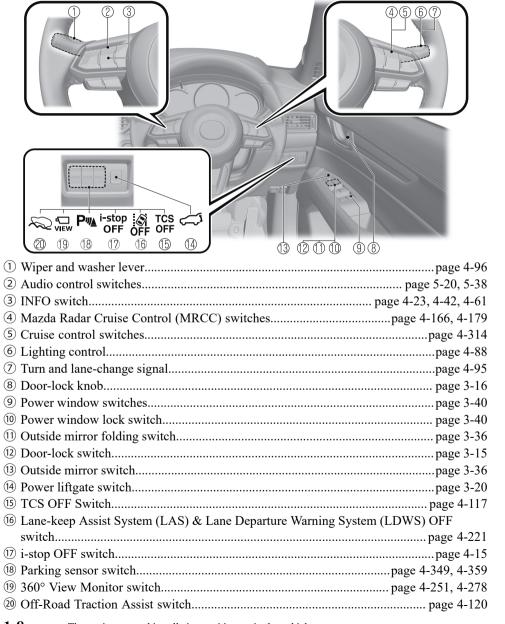
1	Seat belt	page 2-26
2) Lever	page 2-16, 2-20
	Head restraint	
4	USB power outlet	page 5-55
(5)	Child safety lock	page 3-17
6	Armrest box	page 5-62
7	Seat warmer switches	page 2-23
8	Cup holder	page 5-59
9	Rear coat hook	page 5-68
10	Rear map lights	page 5-49
11)	Door-lock knob	page 3-16
12)	Centre console	page 5-62
(13)	External input terminal	page 5-14, 5-31
14)	Accessory socket	page 5-53
(15)	Power window switch	page 3-40
16)	Bottle holder	page 5-60
17)	Armrest	page 2-20
	Rear seat	
	ISOFIX anchors	

Interior Equipment (View E)

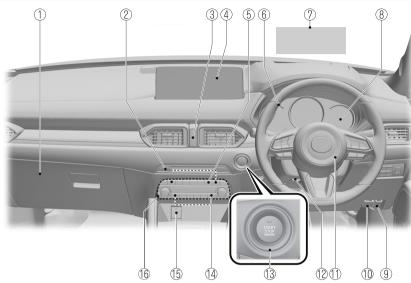


	•	•	
1) Remote handles			page 2-16
2 Anchor brackets			
3 Luggage compartment cover			
4 Accessory socket			
⑤ Cargo sub-compartment			page 5-63

Interior Equipment (View A)

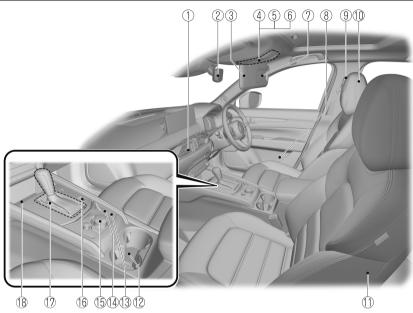


Interior Equipment (View B)



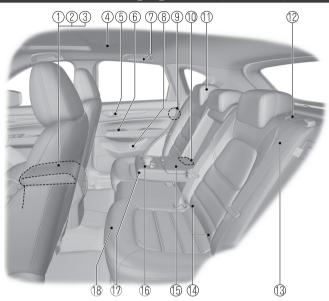
① Glove compartment	page 5-61
2 Heated steering wheel switch	page 2-25
3 Hazard warning flasher switch	page 4-103
4 Mazda Connect	page 5-14, 5-31
5 Rear window defogger switch	
6 Instrument panel illumination knob	page 4-27, 4-46, 4-64
7 Active driving display	page 4-74
8 Instrument cluster	
9 Remote fuel-filler flap release	page 3-34
10 Bonnet release handle	page 6-20
① Horn	page 4-103
12 Lock release lever	page 2-5
(3) Push button start	page 4-4
(4) Seat ventilation switches	page 2-24
(5) Accessory socket	page 5-53
(6) Air-conditioning system	page 5-2

Interior Equipment (View C)



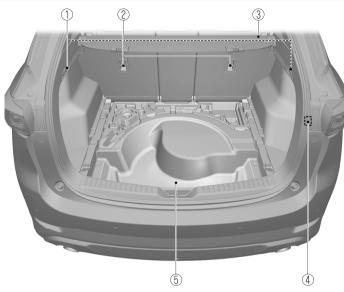
① Vent	page 5-3
② Rearview mirror	page 3-38
3 Sunvisor	page 5-49
④ Overhead lights	page 5-49
Overhead console	page 5-61
6 Sunroof switch	
7 Vanity mirror	page 5-49
8 Bottle holder	page 5-60
9 Seat belt	page 2-26
10 Head restraint	page 2-21
① Front seat	page 2-5
② Cup holder	page 5-59
③ AUTOHOLD switch	page 4-111
(4) Electric parking brake (EPB) switch	page 4-106
15 Commander switch	page 5-19, 5-35
16 Mazda intelligent Drive Select (Mi-Drive) switch	page 4-125
① Selector lever	page 4-77
® Wireless charger (Qi)	page 5-56

Interior Equipment (View D)



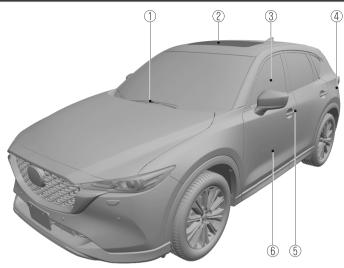
① Centre console	page 5-62
② External input terminal	page 5-14, 5-31
3 Accessory socket	page 5-53
4 Rear map lights	page 5-49
5 Door-lock knob	page 3-16
6 Power window switch	page 3-40
7 Rear coat hook	page 5-68
8 Bottle holder	page 5-60
Child safety lock	page 3-17
10 USB power outlet	page 5-55
11) Head restraint	page 2-21
12 Lever	page 2-16, 2-20
3 Seat belt	page 2-26
(4) ISOFIX anchors	page 2-50
(5) Armrest box	page 5-62
16 Cup holder	page 5-59
① Armrest	page 2-20
(18) Rear seat	page 2-16

Interior Equipment (View E)



① Remote handles	page 2-16
② Anchor brackets	
3 Luggage compartment cover	
4 Accessory socket	
⑤ Cargo sub-compartment	1 0

Front



① Windscreen wiper blades	page 6-34
2 Sunroof	
③ Window	
4 Fuel-filler flap	1 0
⑤ Request switch	
6 Door	nage 3-1

Rear

9 9	_
1) Rear window wiper blade	page 6-36
2 Liftgate	
3 Outside mirror	
Request switch	
(5) Electric liftgate opener.	

2

Essential Safety Equipment

Important information about safety equipment, including seats, seat belt system, child-restraint systems and SRS air bags.

Seats	2-2	
Seat Precautions	2-2	
Front Seat	2-5	
Rear Seat	2-16	
Head Restraints	2-21	
	_	
Seat Warmer/Seat Ventilation/Heated		
Steering Wheel	2-23	
Seat Warmer*	2-23	
Seat Ventilation*	2-24	
Heated Steering Wheel*	2-25	
Seat Belt Systems	2 26	
Seat Belt Precautions		
Seat Belt	2-29	
Seat Belt Warning Systems	2-30	
Seat Belt Pretensioner and Load	d	
Limiting Systems	2-31	
Child Restraint	2-33	
Child-Restraint Precautions		

Child-Restraint System	
Installation	2-38
Child-Restraint System Suitabi	lity
for Various Seat Positions	,
Table	2-44
Installing Child-Restraint	
Systems	2-49
•	
SRS Air Bags	2-53
Supplementary Restraint System	m
(SRS) Precautions	2-53
Supplementary Restraint System	
Components	
How the SRS Air Bags Work	
SRS Air Bag Deployment	
Criteria	2-66
Limitations to SRS Air Bag	
Front Passenger Occupant	
Classification System*	2-70
Constant Monitoring	

Seat Precautions



Make sure the adjustable components of a seat are locked in place:

Adjustable seats and seatbacks that are not securely locked are dangerous. In a sudden stop or collision, the seat or seatback could move, causing injury. Make sure the adjustable components of the seat are locked in place by attempting to slide the seat forward and backward and rocking the seatback.

Never allow children to adjust a seat:

Allowing children to adjust a seat is dangerous as it could result in serious injury if a child's hands or feet become caught in the seat.

Do not drive with the seatback unlocked:

All of the seatbacks play an important role in your protection in a vehicle. Leaving the seatback unlocked is dangerous as it can allow passengers to be ejected or thrown around and baggage to strike occupants in a sudden stop or collision, resulting in severe injury. After adjusting the seatback at any time, even when there are no other passengers, rock the seatback to make sure it is locked in place.

Adjust a seat only when the vehicle is stopped:

If the seat is adjusted while the vehicle is being driven, the seating posture may become unstable and the seat could move unexpectedly resulting in injury.

Do not modify or replace the front seats:

Modifying or replacing the front seats such as replacing the upholstery or loosening any bolts is dangerous. The front seats contain air bag components essential to the supplementary restraint system. Such modifications could damage the supplementary restraint system and result in serious injury. Consult an expert repairer (we recommend an Authorised Mazda Repairer) if there is any need to remove or reinstall the front seats.

Do not drive with damaged front seats:

Driving with damaged front seats, such as seat cushions torn or damaged down to the urethane, is dangerous. A collision, even one not strong enough to inflate the air bags, could damage the front seats which contain essential air bag components. If there was a subsequent collision, an air bag may not deploy which could lead to injuries. Always have an expert repairer (we recommend an Authorised Mazda Repairer) inspect the front seats, front seat belt pretensioners and air bags after a collision.

Do not drive with either front seats reclined:

Sitting in a reclined position while the vehicle is moving is dangerous because you do not get the full protection from seat belts. During sudden braking or a collision, you can slide under the lap belt and suffer serious internal injuries. For maximum protection, sit well back and upright.

Do not place an object such as a cushion between the seatback and your back:

Putting an object such as a cushion between the seatback and your back is dangerous because you will be unable to maintain a safe driving posture and the seat belt cannot function at its full capacity in a collision, which could result in a serious accident, injury or death.

Do not place objects under the seat:

The object could get stuck and cause the seat to not be fixed securely, and result in an accident.

Do not stack cargo higher than the seatbacks:

Stacking luggage or other cargo higher than the seatbacks is dangerous. During sudden braking or a collision, objects can fly around and become projectiles that may hit and injure passengers.

Make sure luggage and cargo is secured before driving:

Not securing cargo while driving is dangerous as it could move or be crushed during sudden braking or a collision and cause injury.

Additionally, if the air bags deploy, the cargo may scatter which could result in serious injury or death.

Never allow a passenger to sit or stand on the folded seatback while the vehicle is moving:

Driving with a passenger on the folded seatback is dangerous. Allowing a child to sit up on the folded seatback while the vehicle is moving is particularly dangerous. In a sudden stop or even a minor collision, a child not in a proper seat or child-restraint system and seat belt could be thrown forward, back or even out of the vehicle resulting in serious injuries or death. The child in the baggage area could be thrown into other occupants and cause serious injury.



- ➤ When operating a seat, be careful not to put your hands or fingers near the moving parts of the seat or on the side trim to prevent injury.
- ➤ When moving the seats, make sure there is no cargo in the surrounding area. If the cargo gets caught it could damage the cargo.

Seats

> (Manual Seat)

When moving the seats forward and rearward or returning a rear-reclined seatback to its upright position, make sure you hold onto the seatback with your hand while operating. If the seatback is not held, the seat will move suddenly and could cause injury.

➤ When inserting your hand under the seat to clean the cabin or pick up something you dropped under the seat, be careful not to hurt yourself. If you contact the moving parts of the seat rail or seat frame, it could result in injury.

NOTE

• When returning a rear seat to its original position, place the seat belt in its normal position. Verify that the seat belt pulls out and retracts.

· (Power Seat)

The seat-bottom power adjustment is operated by motors. Avoid extended operation because excessive use can damage the motors.

- To prevent the lead-acid battery from running down, avoid using the power adjustment when the engine is stopped. The adjuster uses a large amount of electrical power.
- \cdot Do not use the switch to make more than one adjustment at a time.

Front Seat

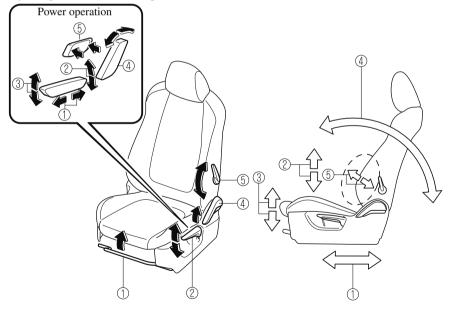
▼ Adjusting the Driver's Seat

Using the driving position set up procedure recommended by Mazda allows you to maintain a relaxed posture, drive the vehicle for longer periods without feeling tired, and make quick operations naturally.

Also, you can be assured of a clear view in the forward direction to help you drive more safely and comfortably.

The adjustments for the driving position recommended by Mazda are done using the following procedures.

- 1. Moving the steering wheel and seat to their default positions.
- 2. Adjusting the seatback angle.
- 3. Adjusting the seat position forward and back.
- 4. Adjusting the seat height.
- 5. Adjusting the steering wheel position.
- 6. Adjusting the head restraint position.



Seats

① Seat Slide

(Manual Seat)

To move a seat forward or backward, raise the lever and slide the seat to the desired position and release the lever.

Make sure the lever returns to its original position and the seat is locked in place by attempting to push it forward and backward.

(Power Seat)

To slide the seat, move the slide lifter switch on the outside of the seat to the front or back and hold it. Release the switch at the desired position.

② Height Adjustment

(Manual Seat)

To adjust the seat height, move the lever up or down.

(Power Seat)

To adjust the seat height, move the slide lifter switch up or down.

③ Height Adjustment for Front Edge of Seat Bottom (Power Seat)

To adjust the front height of the seat bottom, raise or lower the front of the slide lifter switch.

(4) Seat Recline

(Manual Seat)

To change the seatback angle, lean forward slightly while raising the lever. Then lean back to the desired position and release the lever.

Make sure the lever returns to its original position and the seatback is locked in place by attempting to push it forward and backward.

(Power Seat)

To change the seatback angle, press the front or rear side of the reclining switch. Release the switch at the desired position.

(5) Lumbar Support Adjustment*

(Manual Seat)

To increase the seat firmness, move the lever downward. Move the lever upward to decrease firmness.

(Power Seat)

To increase the seat firmness, press and hold the front part of the switch to the desired position, then release it.

Press the rear part of the switch to decrease firmness.

Before making adjustments to the driving position recommended by Mazda

Before making adjustments, move the steering wheel and seat to their default positions.

How to move the steering wheel to its default position



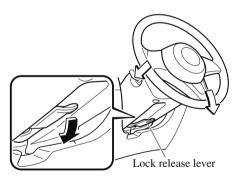
Never adjust the steering wheel while the vehicle is moving:

Adjusting the steering wheel while the vehicle is moving is dangerous. Moving it can very easily cause the driver to abruptly turn to the left or right. This can lead to loss of control or an accident.

After adjusting the steering wheel position, make sure it is securely locked by trying to move it up and down:

Driving with the steering wheel not securely locked in position is dangerous. If the steering wheel moves unexpectedly while driving, you could lose control of the steering resulting in an accident.

Lower the lever, move the steering wheel to the lowest position, and then push it down and all the way back.



How to move a driver's seat to its default position

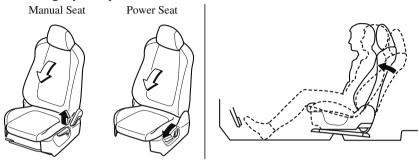
- 1. Slide the seat all the way back.
- 2. Lower the seat to its lowest height.
- 3. Sit squarely in the seat and rest your back against the seatback.

Seat adjustment procedure for the driving position recommended by Mazda

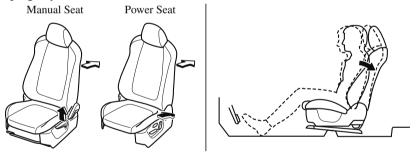
Adjusting the seatback angle (reclining)

Adjust the seatback to the angle providing a comfortable seated posture.

1. With your posture slightly slouched, move the seatback forward to the angle where your waist feels slightly cramped.



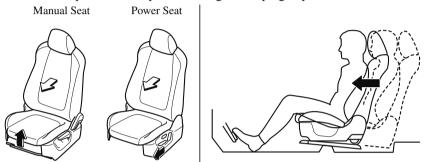
2. Move the seatback backward to a comfortable seated posture without any feeling of cramping in your waist.



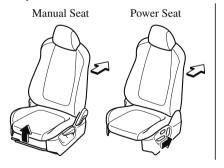
Adjusting the seat position forward and back (sliding)

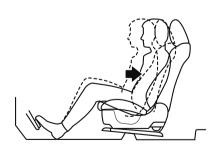
Adjust the seat to the position best for operating the accelerator and brake pedals.

- 1. Place your left foot on the footrest, your right foot between the accelerator and brake pedals, and position your heel to the position allowing easy switching between the pedals.
- 2. With your heel set on the floor, set your right foot on the brake pedal and move the seat forward as far as possible until you feel a slight cramping in your ankle.



- 3. With your right foot set on the brake pedal, move the seat back until you no longer feel cramping in your ankle.
- 4. With your heel set on the floor, make sure you can move your foot between the brake pedal and accelerator pedal smoothly.
- 5. Depress the accelerator pedal completely with your heel set on the floor and make sure that your ankle does not feel over-stretched.

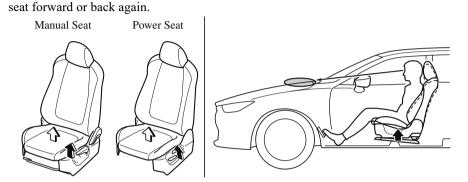




Adjusting the seat height

Adjust the seat height to a position where you have a clear forward view and you can drive the vehicle easily.

 With your back resting against the seatback, raise the seat to the height where you can see the rear edge area of the bonnet surface from the windscreen.
 With the manual seat, if you raise the seat height, the seat moves forward. Adjust the



Adjusting the steering wheel position

Adjust the steering wheel to the position where it can be operated easily and the gauges can be viewed easily.

 With your back resting against the seatback, extend both arms, place them on the top of the steering wheel, and pull the steering wheel towards you to the position of your wrists.



2. Adjust the steering wheel height so that the gauges can be viewed easily.

3. Raise the lever to securely lock the steering wheel.



Adjusting the head restraint position

To prevent shock to the head and neck, adjust the head restraints to their correct positions. Refer to Height Adjustment on page 2-21.

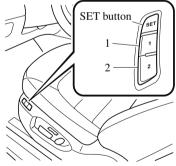
▼ Driving Position Memory*

The desired driving position can be called up after programming the position. The following driving positions can be programmed.

- Driver's seat position (seat slide, height adjustment, front edge of seat bottom, seat recline)
 Refer to Adjusting the Driver's Seat on page 2-5.
- Active driving display (display position, brightness level, display information)
 Refer to Active Driving Display on page 4-74.

▲ CAUTION

Do not place fingers or hands around the bottom of the seat while the seat memory function is operating. The seat moves automatically while the seat memory function is operating and fingers or hands could get pinched and injured.



A driving position can be programmed or operated using the buttons on the side of the seat or the key.

Seats

NOTE

- · Lumbar support adjustment cannot be programmed.
- A driving position can be programmed to the buttons on the side of the seat and the key in use for driving the vehicle.
- If the vehicle has been serviced and the lead-acid battery leads disconnected, the programmed seat positions will have been erased. Re-programme the seat positions.

Programming

- 1. Make sure the parking brake is on.
- 2. Make sure the selector lever is in the P position.
- 3. Start the engine.
- 4. Adjust the seat and the active driving display to the desired driving position.
- 5. Press the SET button on the seat until a beep sound is heard 1 time.
- Perform one of the following settings within 5 seconds of completing step 5 above:
 - Programming using a button on the side of the seat
 Press the button you want to

programme, either button 1 or 2, until a beep sound is heard 1 time.

• Programming using the key
Press the key unlock button until a
beep sound is heard 1 time.

NOTE

If a beep sound is heard 3 times, the operation is cancelled.

To move the driving position to a programmed position

(Using a button on the side of the seat)

- 1. Make sure the parking brake is on.
- 2. Make sure the selector lever is in the P position.
- 3. Start the engine.
- 4. Press the programming button for the driving position you want to call up (button 1 or 2).
- A beep sound is heard when the driving position adjustment is completed.

NOTE

- · If the driving position movement is not changed, only the beep sounds.
- A seat position can be called up even with the engine not running.
- The driving position adjustment is cancelled in the following cases:
 - · Any of the seat adjustment switches is operated.
 - · The SET button is pressed.
 - · Programming button 1 or 2 is pressed.
 - The key lock button or unlock button is operated.
 - · The vehicle starts moving.
 - · The active driving display is adjusted.

(Using a programmed key)

- 1. Unlock the doors by pressing a request switch or the key unlock button.
- 2. After unlocking the doors, the seat position adjustment begins within 40 seconds of opening the driver's door, and a beep sounds when the operation is finished.
- 3. Make sure the parking brake is on.
- 4. Make sure the selector lever is in the P position.
- 5. Start the engine.
- 6. The active driving display adjustment begins.

NOTE

- · If there is no driving position movement, a beep is not heard.
- The driving position adjustment is cancelled in the following cases:
 - · Any of the seat adjustment switches is operated.
 - · The SET button is pressed.
 - · Programming button 1 or 2 is pressed.
 - The key lock button or unlock button is operated.
 - \cdot The vehicle starts moving.
 - \cdot The active driving display is adjusted.

Erasing programmed driving positions

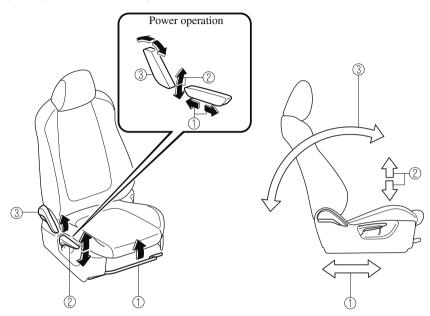
(Erasing the driving positions programmed to the key)

- 1. Switch the ignition OFF.
- 2. Press the SET button on the side of the seat until a beep sound is heard 1 time.
- 3. After the beep sounds, press the key lock button within 5 seconds until a beep sound is heard 1 time.

NOTE

If a beep sound is heard 3 times, the operation is cancelled.

▼ Adjusting the Front Passenger's Seat



① Seat Slide

(Manual Seat)

To move a seat forward or backward, raise the lever and slide the seat to the desired position and release the lever.

Make sure the lever returns to its original position and the seat is locked in place by attempting to push it forward and backward.

(Power Seat)

To slide the seat, move the slide lifter switch on the outside of the seat to the front or back and hold it. Release the switch at the desired position.

2Height Adjustment*

(Manual Seat)

To adjust the seat height, move the lever up or down.

(Power Seat)

To adjust the seat height, move the slide lifter switch up or down.

③ Seat Recline

(Manual Seat)

To change the seatback angle, lean forward slightly while raising the lever. Then lean back to the desired position and release the lever.

Make sure the lever returns to its original position and the seatback is locked in place by attempting to push it forward and backward.

(Power Seat)

To change the seatback angle, press the front or rear side of the reclining switch. Release the switch at the desired position.

Rear Seat

▼ Split Folding

By lowering the rear seatbacks the luggage compartment space can be expanded.



Tightly secure cargo in the luggage compartment when it is transported with the seatbacks folded down:

Driving without tightly securing cargo and luggage is dangerous as it could move and become an obstruction to driving during emergency braking or a collision resulting in an unexpected accident.



If the seatback is not supported by your hand, it will move suddenly and could cause injury.

Folding both seatbacks down



Check the position of a front seat before folding a rear seatback. Depending on the position of a front seat, it may not be possible to fold a rear seatback all the way down because it may hit the seatback of the front seat which could scratch or damage the front seat or its pocket. Lower or remove the head restraint on the rear outboard seat if necessary.

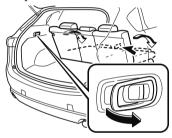
NOTE

When you fold down the left seatback, the centre seatback folds down at the same time.

Using remote handle*

- 1. (With rear seat warmer)
 - Turn the rear seat warmer switch off. Refer to Seat Warmer on page 2-23.
- After checking that the rear seats are clear, open the liftgate and lower the seatback you want to fold down using the remote handle.

When folding the left side, operate the outer part of the remote handle.



▲ WARNING

Always remove the child-restraint system from the rear seat before operating the remote handle for the rear seat:

Operating the remote handle while a rear-facing child-restraint system is in the rear seat is dangerous. It could cause injury to a child seated in the child-restraint system when the seatback suddenly flips forward.

Make sure there is nobody in the rear seat area before operating (pulling) the remote handle:

Not checking the rear seat area for persons before folding the seatbacks with the strap/remote handle is dangerous. The rear seat area is difficult to see from the rear of the vehicle. Operating (pulling) the remote handle without checking could cause injury to a person when a seatback suddenly flips forward

▲ CAUTION

- ➤ Before folding the seatbacks down with the remote handle, make sure there is no cup in a rear cup holder. Folding the seatbacks with the remote handle while a cup is in the cup holder could soil or damage the seat bottom and seatback.
- ➤ Be careful of the following when using the remote handle:
 - On a downward slope, the seatback could flip forward faster than on a flat surface.
 - On an upward slope, the seatback may not fold down. When the seatbacks cannot be folded down with the remote handle, pull the rear seatback forward from inside the vehicle.

> (Folding the left seatback)

Be careful when operating the remote handle with the centre seatback folded down. If a person sitting in the right rear seat places a hand on the centre seatback, it could be pinched by a seatback or seat component causing injury.

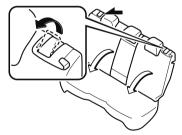


Using the lever

(With rear seat warmer)
 Turn the rear seat warmer switch off.

Refer to Seat Warmer on page 2-23.

2. Pull the lever and fold the seatback forward.



Folding only centre seatback

Using remote handle*

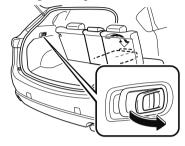
1. (With rear seat warmer)

Turn the rear seat warmer switch off. Refer to Seat Warmer on page 2-23.

2. If the centre head restraint is in the position for use, store it.

Seats

3. After checking that the centre seat is clear, open the liftgate and pull the inside remote handle on the left side of the liftgate compartment.





Always remove the child-restraint system from the rear seat before operating the remote handle for the rear seat:

Operating the remote handle while a rear-facing child-restraint system is in the rear seat is dangerous. It could cause injury to a child seated in the child-restraint system when the seatback suddenly flips forward

Make sure there is nobody in the rear seat area before operating (pulling) the remote handle:

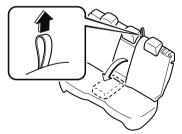
Not checking the rear seat area for persons before folding the seatbacks with the strap/remote handle is dangerous. The rear seat area is difficult to see from the rear of the vehicle. Operating (pulling) the remote handle without checking could cause injury to a person when a seatback suddenly flips forward



- ➤ Before folding the seatbacks down with the remote handle, make sure there is no cup in a rear cup holder. Folding the seatbacks with the remote handle while a cup is in the cup holder could soil or damage the seat bottom and seatback.
- ➤ Be careful of the following when using the remote handle:
 - On a downward slope, the seatback could flip forward faster than on a flat surface.
 - On an upward slope, the seatback may not fold down. When the seatbacks cannot be folded down with the remote handle, pull the rear seatback forward from inside the vehicle.

Using strap

- (With rear seat warmer)
 Turn the rear seat warmer switch off.
 Refer to Seat Warmer on page 2-23.
- 2. If the centre head restraint is in the position for use, store it.
- 3. Pull the strap on the back of the seatback to fold the seatback forward.



To return the seatbacks to the upright position

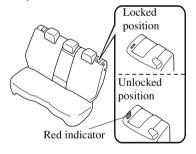


Always make sure the seat belts are fully pulled out from under the seatbacks:

A seat belt caught under a seatback after the seatback is returned to its upright position is dangerous. In a collision or sudden stop, the seat belt cannot provide adequate protection.

When returning the seatback to its upright position, make sure that it is firmly locked and the red indication is not visible:

If the red indication is visible, the seatback is not locked. If the vehicle is driven without the seatback locked, it could fold down suddenly and cause an accident.



1. Make sure that the seat belt passes through the seat belt guide.



2. Press the seatback rearward and lock it in place. After returning the seatback to its upright position, make sure it is securely locked.

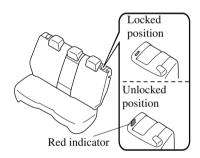
Seats

▼ Rear Seat Recline



After adjusting the seatback, make sure that it is firmly locked and the red indication is not visible by attempting to lightly move the seatback forward and back:

If the red indication is visible, the seatback is not locked. If the vehicle is driven with the seatback unlocked, it may move unexpectedly and the seating posture of the occupant becomes unstable, resulting in an accident.





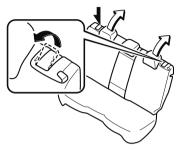
When adjusting the seatback, always support the seatback with your hand. If the seatback is not supported by your hand, it will move suddenly and could cause injury.

NOTE

When you adjust the left seatback, the centre seatback moves at the same time.

The left and right seatbacks of the rear seat can be adjusted separately.

Recline the seatback with the lever pulled up.



▼ Armrest*

The rear armrest in the centre of the rear seatback can be used (no occupant in the centre seat) or placed upright.



▲ WARNING

Never put your hands and fingers around the moving parts of the seat and armrest: Putting your hands and fingers around the moving parts of the seat and armrest is dangerous as they could get injured.

Head Restraints

Your vehicle is equipped with head restraints on all outboard seats and the rear centre seat. The head restraints are intended to help protect you and the passengers from neck injury.

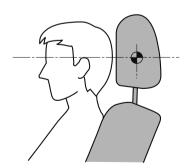


Always drive with the head restraints installed when seats are being used and make sure they are properly adjusted. In addition, always raise the head restraints on the rear outboard seats when they are being used:

Driving with the head restraints adjusted too low or removed is dangerous. With no support behind your head, your neck could be seriously injured in a collision.

▼ Height Adjustment

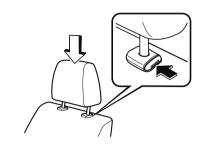
Adjust the head restraint so that the centre is even with the top of the passenger's ears.



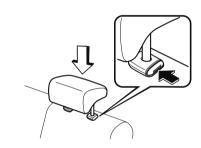
To raise a head restraint, pull it up to the desired position.

To lower the head restraint, press the stop-catch release, then push the head restraint down.

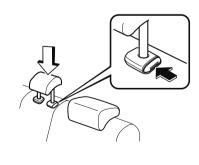
Front seats



Rear outboard seats



Rear centre seat



Seats

▼ Removal/Installation

To remove the head restraint, pull it up while pressing the stop-catch.

To install the head restraint, insert the legs into the holes while pressing the stop-catch.

MARNING

Always drive with the head restraints installed when seats are being used and make sure they are properly installed:
Driving with the head restraints not installed is dangerous. With no support behind your head, your neck could be seriously injured in a collision.

After installing a head restraint, try lifting it to make sure that it does not pull out:

Driving with an unsecured head restraint is dangerous as the effectiveness of the head restraint will be compromised which could cause it to unexpectedly detach from the seat.

A CAUTION

- ➤ When installing a head restraint, make sure that it is installed correctly with the front of the head restraint facing forward. If the head restraint is installed incorrectly, it could detach from the seat during a collision and result in injury.
- ➤ The head restraints on each of the front and rear seats are specialized to each seat. Do not switch around the head restraint positions. If a head restraint is not installed to its correct seat position, the effectiveness of the head restraint during a collision will be compromised which could cause injury.

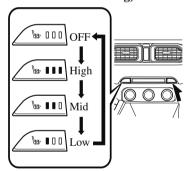
Seat Warmer*

The front/rear seats are electrically heated. The ignition must be switched ON. Press the seat warmer switch while the ignition is switched ON to operate the seat warmer. The indicator lights turn on to indicate that the seat warmer is operating. The mode changes as follows each time the seat warmer switch is pressed. When using the rear seat warmer, fold the armrest forward.

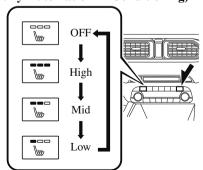
Refer to Armrest on page 2-20.

Front

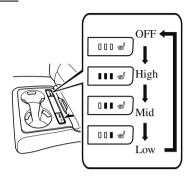
(Manual Air-Conditioning)



(Fully Automatic Air-Conditioning)



Rear*



▲ WARNING

Be careful when using the seat warmer:

The heat from the seat warmer may be too hot for some people, as indicated as follows, and could cause a low-temperature burn.

- ➤ Infants, small children, elderly people, and physically challenged people
- ➤ People with delicate skin
- ➤ People who are excessively fatigued
- > People who are intoxicated
- People who have taken sleep-inducing medicine such as sleeping pills or cold medicine

Do not use the seat warmer with anything having high moisture-retention ability such as a blanket or cushion on the seat:

The seat may be heated excessively and cause a low-temperature burn.

Do not use the seat warmer even when taking a short nap in the vehicle:

The seat may be heated excessively and cause a low-temperature burn.

Seat Warmer/Seat Ventilation/Heated Steering Wheel

Do not place heavy objects with sharp projections on the seat, or insert needles or pins into it:

This could cause the seat to become excessively heated and result in injury from a minor burn.

A CAUTION

> (Rear)

Before folding a rear seatback, make sure that the rear seat warmer switch is off. If a rear seatback is folded while the rear seat warmer is in operation, it may heat the seat excessively and damage the seat surface.

➤ Do not use organic solvents to clean the seat. It may damage the seat surface and the heater.

NOTE

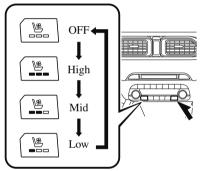
- · Use the seat warmer when the engine is running. Leaving the seat warmer on for long periods with the engine not running could cause the lead-acid battery power to be depleted.
- · When the engine is stopped while the seat warmers are operating and then the ignition is switched ON, the seat warmers will not turn back on automatically. To turn the seat warmers back on, press the switch. In addition, the seat warmer operation stops automatically after the seat warmers have operated for about 90 minutes.
- · (Vehicles with seat ventilation)

 The seat warmer cannot be used at the same time as the seat ventilation.

Seat Ventilation*

The seat ventilation uses fans installed in the seats to draw air around the seat surface and ventilate them. The ignition must be switched ON.

Press the seat ventilation switch while the ignition is switched ON to operate the seat ventilation. The indicator lights turn on to indicate that the seat ventilation is operating. The mode changes as follows each time the seat ventilation switch is pressed.





- Do not use organic solvents to clean the seat. It may damage the seat surface and the seat ventilation parts.
- Do not place heavy objects with sharp projections on the seat, or insert needles or pins into it.

NOTE

· Use the seat ventilation when the engine is running. Leaving the seat ventilation on for long periods with the engine not running could cause the lead-acid battery power to be depleted.

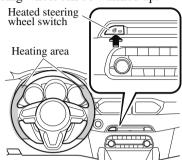
Seat Warmer/Seat Ventilation/Heated Steering Wheel

- When the engine is stopped while the seat ventilations are operating and then the ignition is switched ON, the seat ventilations will not turn back on automatically.
- · (Vehicles with front seat warmer)

 The seat ventilation cannot be used at the same time as the seat warmer.

Heated Steering Wheel*

The grips on the left and right of the steering wheel can be warmed up.



The ignition must be switched ON.

Press the switch to turn on the heated steering wheel. The heated steering wheel operates for about 30 minutes and then turns off automatically.

The indicator light illuminates when the heater is operating.

To turn off the heated steering wheel before the 30 minutes has elapsed, press the switch again.



The following types of persons should be careful not to touch the steering wheel. Otherwise, it could cause a low-temperature burn.

- ➤ Infants, small children, elderly people, and physically challenged people
- ➤ People with delicate skin
- ➤ People who are excessively fatigued
- > People who are intoxicated
- People who have taken sleep-inducing medicine such as sleeping pills or cold medicine

Seat Belt Systems

Seat Belt Precautions

Seat belts help to decrease the possibility of severe injury during accidents and sudden stops. Mazda recommends that the driver and all passengers always wear seat belts. All the seats have lap/shoulder belts. These belts also have retractors with inertia locks that keep them out of the way when not in use. The locks allow the belts to remain comfortable on users, but they will lock in position during a collision.



Always wear your seat belt and make sure all occupants are properly restrained:

Not wearing a seat belt is extremely dangerous. During a collision, occupants not wearing seat belts could hit someone or things inside the vehicle or even be thrown out of the vehicle. They could be seriously injured or even killed. In the same collision, occupants wearing seat belts would be much safer.

Do not wear twisted seat belts:

Twisted seat belts are dangerous. In a collision, the full width of the belt is not available to absorb the impact. This puts more force on the bones beneath the belt, which could cause serious injury or death. So, if your seat belt is twisted, you must straighten the seat belt to remove any twists and to allow the full width of the belt to be used.

Never use one seat belt on more than one person at a time:

Using one seat belt for more than one person at a time is dangerous. A seat belt used in this way cannot spread the impact forces properly and the two passengers could be crushed together and seriously injured or even killed. Never use one belt for more than one person at a time and always operate the vehicle with each occupant properly restrained.

Do not operate a vehicle with a damaged seat belt:

Using a damaged seat belt is dangerous. An accident could damage the belt webbing of the seat belt in use. A damaged seat belt cannot provide adequate protection in a collision. Have an expert repairer (we recommend an Authorised Mazda Repairer) inspect all seat belt systems in use during an accident before they are used again.

Have your seat belts changed immediately if the pretensioner or load limiter has been expended:

Always have an expert repairer (we recommend an Authorised Mazda Repairer) immediately inspect the seat belt pretensioners and air bags after any collision. Like the air bags, the seat belt pretensioners and load limiters will only function once and must be replaced after any collision that caused them to deploy. If the seat belt pretensioners and load limiters are not replaced, the risk of injury in a collision will increase.

Positioning the Shoulder Portion of the Seat Belt:

Improper positioning of the shoulder portion of the seat belt is dangerous. Always make sure the shoulder portion of the seat belt is positioned across your shoulder and near your neck, but never under your arm, on your neck, or on your upper arm.

Positioning the Lap Portion of the Seat Belt:

The lap portion of the seat belt worn too high is dangerous. In a collision, this would concentrate the impact force directly on the abdominal area, causing serious injury. Wear the lap portion of the belt snugly and as low as possible.

In a rollover crash, an unbelted person is significantly more likely to die than a person wearing a seat belt.

Instructions for Use of Seat Belt Assemblies:

Seatbelts are designed to bear upon the bony structure of the body, and should be worn low across the front of the pelvis or the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided.

Seatbelts should be adjusted as firmly as possible, consistent with comfort, to provide the protection for which they have been designed. A slack belt will greatly reduce the protection afforded to the wearer.

Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water. The belt should be replaced if webbing becomes frayed, contaminated or damaged.

It is essential to replace the entire assembly after it has been worn in a severe impact even if damage to the assembly is not obvious.

Belts should not be worn with straps twisted.

Each belt assembly must only be used by one occupant; it is dangerous to put a belt around a child being carried on the occupant's lap.

No modifications or additions should be made by the user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat belt assembly from being adjusted to remove slack.

Seat Belt Systems



Belt retraction may become difficult if the belts and rings are soiled, so try to keep them clean. For more details about cleaning the seat belts, refer to "Seat Belt Maintenance" (page 6-62).



▼ Pregnant Women and Persons with Serious Medical Conditions

Pregnant women should always wear seat belts. Ask your doctor for specific recommendations.

The lap belt should be worn SNUGLY AND AS LOW AS POSSIBLE OVER THE HIPS. The shoulder belt should be worn across your shoulder properly, but never across the

The shoulder belt should be worn across your shoulder properly, but never across the stomach area.

Persons with serious medical conditions also should wear seat belts. Check with your doctor for any special instructions regarding specific medical conditions.



▼ Emergency Locking Mode

When the seat belt is fastened, it will always be in the emergency locking mode. In the emergency locking mode, the belt remains comfortable on the occupant and the retractor will lock in position during a collision.

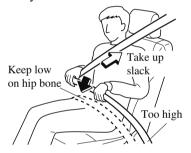
If the belt is locked and cannot be pulled out, retract the belt once, and then try pulling it out slowly. If this fails, pull the belt strongly 1 time and loosen, then pull it out again slowly.

Seat Belt

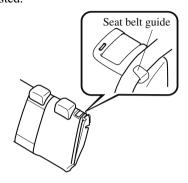
▼ Fastening the Seat Belt



Position the lap belt as low as possible, not on the abdominal area, then adjust the shoulder belt so that it fits snugly against your body.

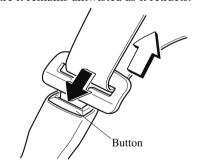


Before fastening the rear seat belt, make sure that the seat belt passes through the seat belt guide correctly and it is not twisted.



▼ Unfastening the Seat Belt

Depress the button on the seat belt buckle. If the belt does not fully retract, pull it out and check for kinks or twists. Then make sure it remains untwisted as it retracts.

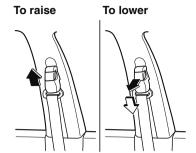


NOTE

If a belt does not fully retract, inspect it for kinks and twists. If it is still not retracting properly, have it inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

Seat Belt Systems

▼ Front Shoulder Belt Adjuster



Make sure the adjuster is locked.

Seat Belt Warning Systems

If it detects that the occupant seat belt is unfastened, the warning light or beep alerts the occupant.

Refer to Taking Action on page 7-54. Refer to Seat Belt Warning Beep on page 7-65.

Seat belt indicator light (rear seat) (green)

REAR







The light turns on when the ignition is switched ON and a rear seat belt is fastened, and then it turns off after 60 seconds.

Seat Belt Pretensioner and Load Limiting Systems

For optimum protection, the front seat belts and rear outboard seat belts* are equipped with pretensioner and load limiting systems. For both these systems to work properly you must wear the seat belt properly.

Pretensioners:

When a collision is detected, the pretensioners deploy simultaneously with the air bags.

(With roll-over sensor)

The pretensioners deploy simultaneously with the air bags when a roll-over is also detected.

For deployment details, refer to the SRS Air Bag Deployment Criteria (page 2-66).

The seat belt retractors remove slack quickly as the air bags are expanding. Any time the air bags and seat belt pretensioners have fired they must be replaced.

A system malfunction or operation conditions are indicated by a warning. Refer to Taking Action on page 7-54. Refer to Air Bag/Seat Belt Pretensioner System Warning Beep on page 7-65.

(With Front Passenger Occupant Classification System)

In addition, the pretensioner system for the front passenger, like the front and side passenger air bag, is designed to only deploy when the front passenger occupant classification sensor detects a passenger sitting on the front passenger's seat.

For details, refer to the front passenger occupant classification sensor (page 2-70).

Load limiter:

The load limiting system releases belt webbing in a controlled manner to reduce belt force on the occupant's chest. While the most severe load on a seat belt occurs in frontal collisions, the load limiter has an automatic mechanical function and can activate in any accident mode with sufficient occupant movement. Even if the pretensioners have not fired, the load limiting function must be checked by an expert repairer (we recommend an Authorised Mazda Repairer).

MARNING

Wear seat belts only as recommended in this owner's manual:

Incorrect positioning of the seat belts is dangerous. Without proper positioning, the pretensioner and load limiting systems cannot provide adequate protection in an accident and this could result in serious injury. For more details about wearing seat belts, refer to "Fastening the Seat Belt" (page 2-29).

Seat Belt Systems

Have your seat belts changed immediately if the pretensioner or load limiter has been expended:

Always have an expert repairer (we recommend an Authorised Mazda Repairer) immediately inspect the seat belt pretensioners and air bags after any collision. Like the air bags, the seat belt pretensioners and load limiters will only function once and must be replaced after any collision that caused them to deploy. If the seat belt pretensioners and load limiters are not replaced, the risk of injury in a collision will increase.

Do not modify the components or wiring, or use electronic testing devices on the pretensioner system:

Modifying the components or wiring of the pretensioner system, including the use of electronic testing devices is dangerous. You could accidentally activate it or make it inoperable which would prevent it from activating in an accident. The occupants or repairers could be seriously injured.

Properly dispose of the pretensioner system:

Improper disposal of the pretensioner system or a vehicle with non-deactivated pretensioners is dangerous. Unless all safety procedures are followed, injury could result. Have an expert repairer (we recommend an Authorised Mazda Repairer) safely dispose of the pretensioner system or scrap a pretensioner system equipped vehicle.

NOTE

- The pretensioner system may not operate depending on the type of the collision. For details, refer to the SRS Air Bag Deployment Criteria (page 2-66).
- · Some smoke (non-toxic gas) will be released when the air bags and pretensioners deploy. This does not indicate a fire. This gas normally has no effect on occupants, however, those with sensitive skin may experience light skin irritation. If residue from the deployment of the air bags or the pretensioner system gets on the skin or in the eyes, wash it off as soon as possible.

Child-Restraint Precautions

Mazda strongly urges the use of child-restraint systems for children small enough to use them.

Mazda recommends use of a Mazda genuine child-restraint system or one that complies with the UN-R *1 44 or UN-R 129 regulation. If you would like to purchase a Mazda genuine child-restraint system, please contact an expert repairer (we recommend an Authorised Mazda Repairer).

Check your local and state or provincial laws for specific requirements regarding the safety of children riding in your vehicle.

*1 UN-R stands for United Nations Regulation.

Whatever child-restraint system you consider, please pick the appropriate one for the age and size of the child, obey the law and follow the instructions that come with the individual child-restraint system.

A child who has outgrown child-restraint systems should sit in the rear and use seat belts.

The child-restraint system should be installed on the rear seat.

Statistics confirm that the rear seat is the best place for all children up to 12 years of age-the more so with a supplementary restraint system (air bags).

A rear-facing child-restraint system should **NEVER** be used in the front passenger seat with the air bag system activated. The front passenger's seat is also the least preferred seat for other child-restraint systems.

(With Front Passenger Occupant Classification System)

To reduce the chance of injuries caused by deployment of the front passenger air bag, the front passenger occupant classification sensor works as a part of the supplementary restraint system. This system deactivates the front passenger front and side air bags and also the front passenger seat belt pretensioner system when the front passenger air bag deactivation OFF indicator light illuminates.

When an infant or small child sits on the front passenger seat, the system shuts off the front passenger front and side air bags and seat belt pretensioner system, so make sure the front passenger air bag deactivation OFF indicator light illuminates.

Even if the front passenger air bag is shut off, Mazda strongly recommends that children be properly restrained and child-restraint systems of all kinds are properly secured on the rear seats which are the best place for children.

For more details, refer to "Front passenger occupant classification sensor" (page 2-70).



Use the correct size child-restraint system:

For effective protection in vehicle accidents and sudden stops, a child must be properly restrained using a seat belt or child-restraint system depending on age and size. If not, the child could be seriously injured or even killed in an accident.

Follow the manufacturer's instructions and always keep the child-restraint system buckled down:

An unsecured child-restraint system is dangerous. In a sudden stop or a collision it could move causing serious injury or death to the child or other occupants. Make sure any child-restraint system is properly secured in place according to the child-restraint system manufacturer's instructions. When not in use, remove it from the vehicle or fasten it with a seat belt, or latch it down to BOTH ISOFIX anchors, and attach the corresponding tether anchor.

Always secure a child in a proper child-restraint system:

Holding a child in your arms while the vehicle is moving is extremely dangerous. No matter how strong the person may be, he or she cannot hold onto a child in a sudden stop or collision and it could result in serious injury or death to the child or other occupants. Even in a moderate accident, the child may be exposed to air bag forces that could result in serious injury or death to the child, or the child may be slammed into an adult, causing injury to both child and adult.

Extreme Hazard! Never use a rear-facing child-restraint system on the front passenger seat with an air bag that could deploy:

NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.

Vehicles with a front passenger air bag have the following warning label. The warning label reminds you not to put a rear-facing child-restraint system on the front passenger seat at any time.

(Taiwan Only)

依規定前排座椅禁止乘載嬰兒、幼童及兒童。

(Europe and other countries



(Taiwan only)



Even in a moderate collision, the child-restraint system can be hit by a deploying air bag and moved violently backward resulting in serious injury or death to the child.



(Taiwan, except front passenger seat, if equipped with the following label)
NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.



Do not install a front-facing child-restraint system on the front passenger seat unless it is unavoidable:

In a collision, the force of a deploying air bag could cause serious injury or death to the child. If installing a front-facing child-restraint system on the front passenger seat is unavoidable, move the front passenger seat as far back as possible and adjust the seat bottom (height adjustable seat bottom) to the highest position at which the seat belt fastening the child-restraint system is securely tightened.



Seating a child in a child-restraint system on the front passenger seat is dangerous under certain conditions (With Front Passenger Occupant Classification System):

Your vehicle is equipped with front passenger occupant classification sensor. Even with the front passenger occupant classification sensor, if you must use the front passenger seat to seat a child, using a child-restraint system on the front passenger seat under the following conditions increases the danger of the front passenger air bag deploying and could result in serious injury or death to the child.

- ➤ The front passenger air bag deactivation OFF indicator light does not illuminate when seating a child in the child-restraint system.
- Luggage or other items are placed on the seat with the child in the child-restraint system.
- ➤ A rear passenger or luggage pushing or pulling down on the front passenger seatback.
- Luggage or other items are placed on the seatback or hung on the head restraint.
- > The seat is washed.
- ➤ Liquids are spilled on the seat.
- ➤ The front passenger seat is moved backward, pushing into luggage or other items placed behind it.
- ➤ The front passenger seatback contacts the rear seat.
- Luggage or other items are placed between the front passenger seat and driver seat.
- > An electric device is put on the front passenger's seat.
- An additional electrical device, such as a seat warmer is installed to the surface of the front passenger seat.

The designated positions with seat belts on the rear seats are the safest places for children. Always use seat belts and child restraints.

Do not allow a child or anyone to lean over to or against the side window of a vehicle with side and curtain air bags:

It is dangerous to allow anyone to lean over to or against the side window, the area of the front passenger seat, the front and rear window pillars and the roof edge along both sides from which the side and curtain air bags deploy, even if a child-restraint system is used. The impact of inflation from a side or curtain air bag could cause serious injury or death to an out of position child. Furthermore, leaning over to or against the door could block the side and curtain air bags and eliminate the advantages of supplementary protection. Because the front seats are equipped with front air bags, the rear seat is always a better location for children. Take special care not to allow a child to lean over to or against the side window, even if the child is seated in a child-restraint system.

Never use one seat belt on more than one person at a time:

Using one seat belt for more than one person at a time is dangerous. A seat belt used in this way cannot spread the impact forces properly and the two passengers could be crushed together and seriously injured or even killed. Never use one belt for more than one person at a time and always operate the vehicle with each occupant properly restrained.

Use the tether and tether anchor only for a child-restraint system:

Child-restraint system anchorages are designed to withstand only those loads imposed by correctly installed child-restraint systems. Under no circumstances are they to be used for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.

Always remove the head restraint and install child-restraint system (except when installing a booster seat):

Installing a child-restraint system without removing the head restraint is dangerous. The child-restraint system cannot be installed correctly which may result in death or injury to the child in a collision.



A seat belt or child-restraint system can become very hot in a closed vehicle during warm weather. To avoid burning yourself or a child, check them before you or your child touches them.

NOTE

Your Mazda is equipped with ISOFIX anchors for attachment of ISOFIX child-restraint systems on the rear seats. When using these anchors to secure a child-restraint system, refer to "Using ISOFIX Anchor" (page 2-50).

Child-Restraint System Installation

▼ Categories of Child-Restraint Systems

NOTE

When purchasing, ask the manufacturer of the child-restraint system which type of child-restraint system is appropriate for your child and vehicle.

(Europe and countries conforming to the UN-R 44 and UN-R 129 regulation)

Child-restraint systems are classified into the following 5 groups according to the UN-R 44 and UN-R 129 regulation.

Group	Age	Weight	Size Classification/ Fixture (CRF)	
	Up to about 9 months old		ISO/L1	
0		Up to 10 kg (up to 22 lb)	ISO/L2	
			ISO/R1	
			ISO/R1	
0 +	Up to about 2 years old	Up to 13 kg (up to 29 lb)	ISO/R2	
			ISO/R3	
	About 8 months to 4 years old	9 kg — 18 kg (20 lb — 40 lb)	ISO/R2	
			ISO/R3	
1			ISO/F2	
			ISO/F2X	
			ISO/F3	
2	About 3 to 7 years old	15 kg — 25 kg (33 lb — 55 lb)	_	
3	About 6 to 12 years old	22 kg — 36 kg (48 lb — 79 lb)	_	

(Other countries)

Please comply with the legal regulations concerning the use of child-restraint systems in your country.

▼ Child-Restraint System Types

(Europe and countries conforming to the UN-R 44 and UN-R 129 regulation)

In this owner's manual, explanation of child-restraint systems secured with seat belts or the ISOFIX anchors is provided for the following 3 types of popular child-restraint systems: baby seat, child seat, junior seat.

NOTE

- Installation position is determined by the type of child-restraint system.
 Always read the manufacturer's instructions and this owner's manual carefully.
- · Due to variations in the design of child-restraint systems, vehicle seats and seat belts, all child-restraint systems may not fit all seating positions. Before purchasing a child-restraint system, it should be tested in the specific vehicle seating position (or positions) where it is intended to be used. If a previously purchased child-restraint system does not fit, you may need to purchase a different one that will.

Baby seat

Equal to Group 0 and 0+ of the UN-R 44 and UN-R 129 regulation.

Recommended child-restraint system:

(Europe)

Britax Römer BABY-SAFE 3 i-SIZE and FLEX BASE i-SENSE

(Taiwan)

Britax Römer Dualfix i-SIZE Please refer the following website for detail purchase information:

www.britax-romer.com.tw



Child seat

Equal to Group 1 of the UN-R 44 and UN-R 129 regulation.

Recommended child-restraint system:

(Europe)

Britax Römer TRIFIX 2 i-SIZE

(Taiwan)

Britax Römer Dualfix i-SIZE Please refer the following website for detail purchase information: www.britax-romer.com.tw



Junior seat

Equal to Group 2 and 3 of the UN-R 44 and UN-R 129 regulation.

Recommended child-restraint system:

(Europe)

Britax Römer KIDFIX i-SIZE When using the KIDFIX i-SIZE, make sure that the shoulder belt passes through the shoulder belt pad (XP-PAD), and the

lap belt passes through the lap belt guide (SecureGuard).

For details on use, refer to the user manual accompanying the KIDFIX i-SIZE.



(Taiwan)

Britax Römer KIDFIX i-SIZE Please refer the following website for detail purchase information:

www.britax-romer.com.tw

When using the KIDFIX i-SIZE, make sure that the shoulder belt passes through the shoulder belt pad (XP-PAD), and the lap belt passes through the lap belt guide (SecureGuard).

For details on use, refer to the user manual accompanying the KIDFIX i-SIZE.



When using a booster seat, always install the vehicle head restraint to the seat where the booster seat is installed.

Completely secure the child-restraint system using the ISOFIX anchors.

(Other countries)

Please comply with the legal regulations concerning the use of child-restraint systems in your country.

▼ Baby Seat Installation Position

A baby seat is used in the rear-facing position only.



Refer to the table, "Child-Restraint System Suitability for Various Seat Positions" for baby seat installation position (page 2-44).

▲ WARNING

Always install a baby seat in the correct seat position:

Installing a baby seat without first consulting the table "Child-Restraint System Suitability for Various Seat Positions" is dangerous. A baby seat installed on the wrong seat position cannot be properly secured. In a collision, the child could hit something or someone in the vehicle and be seriously injured or even killed.

Never use a rear-facing child-restraint system on the front passenger seat protected by an air bag:

NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.

The child-restraint system can be hit by the deploying air bag and knocked out of position. A child in the child-restraint system could be seriously injured or killed.



▼ Child Seat Installation Position

A child seat is used in front-facing and rear-facing positions depending on the age and size of the child. When installing, follow the manufacturer's instructions in accordance with the appropriate age and size of the child as well as the directions for installing the child-restraint system. Refer to the table, "Child-Restraint System Suitability for Various Seat Positions" for child seat installation position (page 2-44).

Rear-facing type



Always install a rear-facing child seat in the correct seat position:

Installing a rear-facing child seat without first consulting the table "Child-Restraint System Suitability for Various Seat Positions" is dangerous. A rear-facing child seat installed on the wrong seat position cannot be properly secured. In a collision, the child could hit something or someone in the vehicle and be seriously injured or even killed.

Never use a rear-facing child-restraint system on the front passenger seat protected by an air bag:

NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.

The child-restraint system can be hit by the deploying air bag and knocked out of position. A child in the child-restraint system could be seriously injured or killed.



Front-facing type



Never install a front-facing child seat in the wrong seat position:

Installing a front-facing child seat without first consulting the table "Child-Restraint System Suitability for Various Seat Positions" is dangerous. A front-facing child seat installed in the wrong seat position cannot be properly secured. In a collision, the child could hit something or someone in the vehicle and be seriously injured or even killed.

Do not install a front-facing child-restraint system on the front passenger seat unless it is unavoidable:

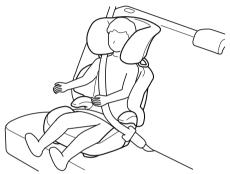
In a collision, the force of a deploying air bag could cause serious injury or death to the child. If installing a front-facing child-restraint system on the front passenger seat is unavoidable, move the front passenger seat as far back as possible and adjust the seat bottom (height adjustable seat bottom) to the highest position at which the seat belt fastening the child-restraint system is securely tightened.



▼ Junior Seat Installation Position

A junior seat is used in the front-facing position only.

We recommend the use of the junior seat with backrest to allow simple adjustment of the shoulder belt position and to give your child the best protection.



Refer to the table, "Child-Restraint System Suitability for Various Seat Positions" for junior seat installation position (page 2-44).



Always install a junior seat in the correct seat position:

Installing a junior seat without first consulting the table "Child-Restraint System Suitability for Various Seat Positions" is dangerous. A junior seat installed on the wrong seat position cannot be properly secured. In a collision, the child could hit something or someone in the vehicle and be seriously injured or even killed.

Do not install a front-facing child-restraint system on the front passenger seat unless it is unavoidable:

In a collision, the force of a deploying air bag could cause serious injury or death to the child. If installing a front-facing child-restraint system on the front passenger seat is unavoidable, move the front passenger seat as far back as possible and adjust the seat bottom (height adjustable seat bottom) to the highest position at which the seat belt fastening the child-restraint system is securely tightened.



Child-Restraint System Suitability for Various Seat Positions Table

Provided information in the table shows your child-restraint system suitability for various seating position. For installation suitability of other manufacturer child-restraint system, carefully consult the manufacturer's instructions which accompany the child-restraint system.

When installing a child-restraint system, the following points must be observed:

- Always remove the head restraint before installing a child-restraint system. However, when installing a booster seat, always install the vehicle head restraint to the seat where the booster seat is installed. In addition, always use a tether strap and attach it securely. Refer to Head Restraints on page 2-21.
- When installing a child-restraint system to the front passenger seat, adjust the seat slide position as far back as possible. Adjust the seat bottom to the highest position so that the seat belt can securely fasten the child-restraint system.
 - Refer to Adjusting the Front Passenger's Seat on page 2-14.
- When it is difficult to install a child-restraint system to the front passenger seat, or the seat belt cannot be secured to the child-restraint system, perform the following operations to adjust the seat holding the child-restraint system so that the seat belt can be secured completely to it.
 - · Move the seat forward or back.
 - · Move the seatback forward or back.
 - · Move the seat upward or downward. (Vehicles with height adjustment function)
- When it is difficult to install a child-restraint system to the rear seat, or the seat belt cannot be secured to the child-restraint system, perform the following operations to adjust the seat holding the child-restraint system so that the seat belt can be secured completely to it.
 - · Move the seat forward or back.
 - · Slide the child-restraint system to the left or right.
- When installing a child-restraint system to the rear seat, adjust the front seat position so that the front seat does not contact the child-restraint system.
 - Refer to Adjusting the Driver's Seat on page 2-5.
 - Refer to Adjusting the Front Passenger's Seat on page 2-14.
- · When installing a child-restraint system came equipped with a tether, remove the head restraint.
 - Refer to Head Restraints on page 2-21.
- · An i-Size child-restraint system refers to a child-restraint system which has acquired i-Size category certification for the UN-R 129 regulation.

· A child-restraint system with a support leg cannot be installed on the rear centre seat position.

When installing a child-restraint system to the rear seat, refer to the child-restraint system manufacturer's instructions and the Using ISOFIX Anchor on page 2-50.

Europe and other countries (Except Taiwan)

	Passe	enger			Rear (Right)	
Seating position	Airbag activated	Airbag de-acti- vated	Rear (Left)	Rear (Centre)		
Seating position suitable for uni- versal belted (Yes/No)	No	No	Yes (U)	No	Yes (U)	
i-Size seating position (Yes/No)	No	No	Yes (i-U)	No	Yes (i-U)	
Largest suitable rearward facing fixture (R1)	No	No	Yes (IL)	No	Yes (IL)	
Largest suitable rearward facing fixture (R2)	No	No	Yes (IL)	No	Yes (IL)	
Largest suitable rearward facing fixture (R2X)	No	No	Yes (IL)	No	Yes (IL)	
Largest suitable rearward facing fixture (R3)	No	No	Yes (IL)	No	Yes (IL)	
Largest suitable forward facing fixture (F2)	No	No	Yes (IUF)	No	Yes (IUF)	
Largest suitable forward facing fixture (F2X)	No	No	Yes (IUF)	No	Yes (IUF)	
Largest suitable forward facing fixture (F3)	No	No	Yes (IUF)	No	Yes (IUF)	
Largest suitable lateral facing fix-ture (L1)	No	No	No	No	No	
Largest suitable lateral facing fixture (L2)	No	No	No	No	No	

	Passe	enger			Rear (Right)	
Seating position	Airbag activated	Airbag de-activated	Rear (Left)	Rear (Centre)		
Largest suitable booster fixture (B2)	No	No	Yes (IUF)	No	Yes (IUF)	
Largest suitable booster fixture (B3)	No	No	Yes (IUF)	No	Yes (IUF)	
Non i-size compatible with a support leg (Yes/No)	No	Yes	Yes	No	Yes	
Lower ISOFIX anchorages but without Top Tether (Yes/No)	No	No	No	No	No	

U = Suitable for "universal" category restraints approved for use in all mass groups.

The manufacturer will also recommend a suitable ISOFIX child restraint system. For this, your vehicle and the seat must be listed on the child restraint system manufacturer's model list.

For more information, contact the child restraint system manufacturer or visit the manufacturer's website.

UF = Suitable for forward-facing "universal" category restraints approved for use in all mass groups.

IUF = Suitable for ISOFIX forward child restraints systems of universal category approved for use in the mass group.

L = Suitable for particular child restraints given on attached list. These restraints may be of the "specific vehicle", "restricted" or "semi-universal" categories.*1

IL = Suitable for particular ISOFIX child restraint systems (CRS) given in the attached list. These ISOFIX CRS are those of the "specific vehicle", "restricted" or "semi-universal" categories.*1

i-U = Suitable for i-Size "universal" Child Restraint Systems forward and rearward facing.

i-UF = Suitable for forward-facing i-Size "universal" Child Restraint Systems only.

Yes = Child-restraint system can be secured on the seat.

No = Child-restraint system cannot be secured on the seat, or there is no fixture.

X = Child-restraint system cannot be installed.

^{*1}A Mazda genuine child-restraint system can be installed. Regarding child-restraint systems which can be installed, refer to Child-Restraint System Types on page 2-39 or the accessories catalog.

Taiwan Only

ISOFIX anchor-secured child-restraint systems

		Fixture	Seat Positions				
Mass group	Size Class		Vehicle ISOFIX po- sitions Rear seat (out- board)	Rear seat (centre)	Front passenger seat (outboard)		
	F	ISO/L1	X	X	X		
Carrycot	G	ISO/L2	X	X	X		
		(1)	X	X	X		
GROUP 0 Up to 10	Е	ISO/R1	IL	X	X		
kg (up to 22 lb)		(1)	X	X	X		
	Е	ISO/R1	IL	X	X		
GROUP 0+ Up to	D	ISO/R2	IL	X	X		
13 kg (up to 29 lb)	С	ISO/R3	IL	X	X		
		(1)	X	X	X		
	D	ISO/R2	IL	X	X		
	С	ISO/R3	IL	X	X		
GROUP 1 9 kg — 18	В	ISO/F2	IUF	X	X		
kg (20 lb — 40 lb)	B1	ISO/F2X	IUF	X	X		
	A	ISO/F3	IUF	X	X		
		(1)	X	X	X		
GROUP 2 15 kg — 25 kg (33 lb — 55 lb)		(1)	IL	Х	X		
GROUP 3 22 kg — 36 kg (48 lb — 79 lb)		(1)	IL	X	X		

⁽¹⁾ For the CRS which do not carry the ISO/XX size class identification (A to G), for the applicable mass group, the car manufacturer shall indicate the vehicle specific ISOFIX child-restraint system(s) recommended for each position.

Key of letters to be inserted in the above table:

 $\overline{\text{IUF}}$ = suitable for ISOFIX forward child-restraints systems of universal category approved for use in this mass group.

IL = suitable for particular ISOFIX child-restraint systems (CRS).

These ISOFIX CRS are those of the "specific vehicle", "restricted" or "semi-universal" categories.

^{*}¹A Mazda genuine child-restraint system can be installed. Regarding child-restraint systems which can be installed, refer to Child-Restraint System Types on page 2-39 or the accessories catalog.

X = ISOFIX position not suitable for ISOFIX child-restraint systems in this mass group and/or this size class.

i-Size child-restraint systems

An i-Size child-restraint system can be installed to the specified seat as follows:

	Front passenger seat	Rear seat (outboard)	Rear seat (centre)
i-Size child-restraint sys- tems	X	i-U	X

Key of letters to be inserted in the above table:

i-U = Suitable for i-Size "universal" Child Restraint Systems forward and rearward facing.

X = Seating position not suitable for i-Size "universal" child-restraint systems.

Seat belt-secured child-restraint systems

System group	Age group	Weight group	Child-restraint system type	Front pas- senger seat	Rear seat (outboard)	Rear seat (centre)
GROUP 0	Up to about 9 months old	Up to 10 kg (up to 22 lb)	Baby seat	X	U	L
GROUP 0+	Up to about 2 years old	Up to 13 kg (up to 29 lb)	Baby seat	X	U	L
GROUP 1	About 8 months to 4 years old	9 kg — 18 kg (20 lb — 40 lb)	Child seat	X	U	X
GROUP 2	About 3 to 7 years old	15 kg — 25 kg (33 lb — 55 lb)	Junior seat	X	U	L
GROUP 3	About 6 to 12 years old	22 kg — 36 kg (48 lb — 79 lb)	Junior seat	X	U	L

Key of letters to be inserted in the above table:

U = Suitable for "universal" category restraints approved for use in all mass groups.

A child-restraint system with a support leg cannot be installed on the rear centre seat position.

(Other countries)

- · Regarding child-restraint systems which can be installed to your Mazda, consult an expert repairer (we recommend an Authorised Mazda Repairer).
- \cdot A child-restraint system with a support leg cannot be installed on the rear centre seat position.
- · Please comply with the legal regulations concerning the use of child-restraint systems in your country.

L = A Mazda genuine child-restraint system can be installed. Regarding child-restraint systems which can be installed, refer to the accessories catalog.

X = Seat position not suitable for children in this mass group.

Installing Child-Restraint Systems

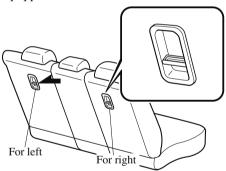
▼ Anchor Bracket

Anchor brackets for securing child-restraint systems are equipped in the vehicle. Locate each anchor position using the illustration

To install a child-restraint system, remove the head restraint. Always follow the instruction manual accompanying the child-restraint system.

Anchor bracket location

Use the indicated anchor bracket locations when installing a child-restraint system equipped with a tether.



▲ WARNING

Always attach the tether strap to the correct tether anchor position:

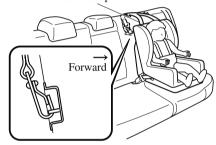
Attaching the tether strap to the incorrect tether anchor position is dangerous. In a collision, the tether strap could come off and loosen the child-restraint system. If the child-restraint system moves it could result in death or injury to the child.

If the top tether strap does not reach the anchor bracket, purchase and use an extension strap provided by the CRS manufacturer.

Always remove the head restraint and install child-restraint system:

Installing a child-restraint system without removing the head restraint is dangerous. The child-restraint system cannot be installed correctly which may result in death or injury to the child in a collision.

Tether strap



Always install the head restraint and adjust it to the appropriate position after removing the child-restraint system:

Driving with the head restraint removed is dangerous as impact to the occupant's head cannot be prevented during emergency braking or in a collision, which could result in a serious accident, injury or death.

Refer to Head Restraints on page 2-21.

▼ Using the Seat Belt

When installing a child-restraint system, follow the installation instructions included with the product. In addition, remove the head restraint. However, when installing a booster seat, always install the vehicle head restraint to the seat where the booster seat is installed.

When installing the child-restraint system, if the seat belt is loose and cannot be secured, adjust the forward and back/up and down positions of the seat where the child-restraint system is installed, or slide the child-restraint system to the left or right so that there is no slack in the seat belt.

▼ Using ISOFIX Anchor

MARNING

Follow the manufacturer's instructions for the use of the child-restraint system:

An unsecured child-restraint system is dangerous. In a sudden stop or a collision it could move causing serious injury or death to the child or other occupants. Make sure any child-restraint system is properly secured in place according to the manufacturer's instructions.

Make sure the child-restraint system is properly secured:

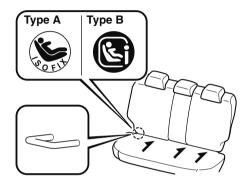
A child-restraint system that is not secured is dangerous. In a sudden stop or collision, it can become a projectile and hit someone, causing serious injury. When not in use, remove it from the vehicle, put it in the luggage compartment or at least make sure it is securely fastened to the ISOFIX anchors.

Make sure there are no seat belts or foreign objects near or around the ISOFIX anchor-secured child-restraint system:

Not following the child-restraint system manufacturer's instructions when installing the child-restraint system is dangerous. If seat belts or a foreign object prevent the child-restraint system from being securely attached to the ISOFIX anchors and the child-restraint system is installed improperly, the child-restraint system could move in a sudden stop or collision causing serious injury or death to the child or other occupants. When installing the child-restraint system, make sure there are no seat belts or foreign objects near or around the ISOFIX anchors. Always follow the child-restraint system manufacturer's instructions.

- First, adjust the front seat to allow clearance between the child-restraint system and the front seat.
 Refer to Adjusting the Driver's Seat on page 2-5.
 Refer to Adjusting the Front
 - Refer to Adjusting the Front Passenger's Seat on page 2-14.
- 2. If the rear seat is reclined, return it to the upright position.

- 3. Make sure the seatback is securely latched by pushing it back until it is fully locked.
- Expand the seams on the rear of the seat bottom slightly to verify the locations of the ISOFIX anchor.



NOTE

- The markings above the ISOFIX anchors indicate the locations of the ISOFIX anchors for the attachment of a child-restraint system.
- Remove the head restraint. However, when installing a booster seat, always install the vehicle head restraint to the seat where the booster seat is installed. Refer to Head Restraints on page 2-21.
- Secure the child-restraint system using the ISOFIX anchor, following the child-restraint system manufacturer's instruction.
- If your child-restraint system came equipped with a tether, that probably means it is very important to properly secure the tether for child safety. Please carefully follow the child-restraint system manufacturer's instructions when installing tethers (page 2-49).

▲ WARNING

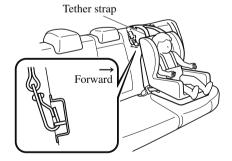
manufacturer.

Always attach the tether strap to the correct tether anchor position:

Attaching the tether strap to the incorrect tether anchor position is dangerous. In a collision, the tether strap could come off and loosen the child-restraint system. If the child-restraint system moves it could result in death or injury to the child. If the top tether strap does not reach the anchor bracket, purchase and use an extension strap provided by the CRS

Always remove the head restraint and install child-restraint system (except when installing a booster seat):

Installing a child-restraint system without removing the head restraint is dangerous. The child-restraint system cannot be installed correctly which may result in death or injury to the child in a collision.



Always install the head restraint and adjust it to the appropriate position after removing the child-restraint system:

Driving with the head restraint removed is dangerous as impact to the occupant's head cannot be prevented during emergency braking or in a collision, which could result in a serious accident, injury or death.

Refer to Head Restraints on page 2-21.

Supplementary Restraint System (SRS) Precautions

The front and side supplementary restraint systems (SRS) include different types of air bags. Please verify the different types of air bags which are equipped on your vehicle by locating the "SRS AIRBAG" location indicators. These indicators are visible in the area where the air bags are installed.

The air bags are installed in the following locations:

- · The steering wheel hub (driver air bag)
- The front passenger instrument panel (front passenger air bag)
- The outboard sides of the front seatbacks (side air bags)
- The front and rear window pillars, and the roof edge along both sides (curtain air bags)

Some vehicles have a sensor which detects an impending roll-over accident.

The air bag supplementary restraint systems are designed to provide supplementary protection in certain situations so seat belts are always important in the following ways:

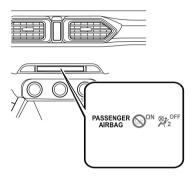
Without seat belt usage, the air bags cannot provide adequate protection during an accident. Seat belt usage is necessary to:

- · Keep the occupant from being thrown into an inflating air bag.
- Reduce the possibility of injuries during an accident that is not designed for air bag inflation, such as rear impact.
- Reduce the possibility of injuries in frontal, near frontal or side collisions or roll-over accidents that are not severe enough to activate the air bags.
- · Reduce the possibility of being thrown from your vehicle.
- Reduce the possibility of injuries to lower body and legs during an accident because the air bags provide no protection to these parts of the body.
- · Hold the driver in a position which allows better control of the vehicle.

SRS Air Bags

If your vehicle is also equipped with a front passenger occupant classification system, refer to the Front Passenger Occupant Classification System (page 2-70) for details.

If your vehicle is equipped with a front passenger occupant classification system, the front passenger air bag deactivation indicator light illuminates for a specified time after the ignition is switched ON.



A child who is too small to use a seat belt must be properly secured using a child-restraint system (page 2-33).

Carefully consider which child-restraint system is necessary for your child and follow the installation directions in this Owner's Manual as well as the child-restraint system manufacturer's instructions.



Seat belts must be worn in air bag equipped vehicles:

Depending only on the air bags for protection during an accident is dangerous. Alone, air bags may not prevent serious injuries. The appropriate air bags can be expected to inflate only in the first accident, such as frontal, near frontal or side collisions or roll-over accidents that are at least moderate. Vehicle occupants should always wear seat belts.

Children should not ride in the front passenger seat:

Placing a child, 12 years or under, in the front seat is dangerous. The child could be hit by a deploying air bag and be seriously injured or even killed. A sleeping child is more likely to lean against the door and be hit by the side air bag in moderate collision to the front-passenger side of the vehicle. Whenever possible, always secure a child 12 years and under on the rear seats with an appropriate child-restraint system for the child's age and size.

Extreme Hazard! Never use a rear-facing child-restraint system on the front passenger seat with an air bag that could deploy:

NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.

Even in a moderate collision, the child-restraint system can be hit by a deploying air bag and moved violently backward resulting in serious injury or death to the child.



Do not sit too close to the driver and front passenger air bags:

Sitting too close to the driver and front passenger air bag modules or placing hands or feet on them is extremely dangerous. The driver and front passenger air bags inflate with great force and speed. Serious injuries could occur if someone is too close. The driver should always hold onto only the rim of the steering wheel. The front seat passenger should keep both feet on the floor. Front seat occupants should adjust their seats as far back as possible and always sit upright against the seatbacks with seat belts worn properly.

Sit in the centre of the seat and wear seat belts properly:

Sitting too close to the side air bag modules or placing hands on them, or sleeping up against the door or hanging out the windows is extremely dangerous. The side and curtain air bags inflate with great force and speed directly expanding along the door on the side the car is hit. Serious injury could occur if someone is sitting too close to the door or leaning against a window, or if rear seat occupants grab the sides of the front seatbacks. Give the side and curtain air bags room to work by sitting in the centre of the seat while the vehicle is moving with seat belts worn properly.

SRS Air Bags

Do not attach objects on or around the area where air bags deploy:

Attaching objects to the air bags or placing something in the area where the air bags deploy is dangerous. In an accident, an object could interfere with air bag inflation and injure the occupants. Furthermore, the bag could be damaged causing gases to release. Always keep the deployment area of the air bag modules free of any obstructions. For example, you should not do any of the following as it may interfere with air bag

deployment.

- > Do not put a covering on or lean anything against areas such as the instrument panel and lower portion of the instrument panel that blocks the passenger front air bag.
- Do not use seat covers on the front seats and rear seats equipped with in-seat side air bags.
- > Do not hang any backpacks, bags or pouches that cover the sides of the seats that block the side air bags.
- Do not place any objects on the assist grips. Only hang clothes directly on the coat hooks.

Do not touch the components of the supplementary restraint system after the air bags have inflated:

Touching the components of the supplementary restraint system after the air bags have inflated is dangerous. Immediately after inflation, they are very hot. You could get burned.

Never install any front-end equipment to your vehicle:

Installation of front-end equipment, such as frontal protection bar (kangaroo bar, bull bar, push bar, or other similar devices), snowplough, or winches, is dangerous. The air bag crash sensor system could be affected. This could cause air baas to inflate unexpectedly, or it could prevent the air bags from inflating during an accident. Front occupants could be seriously injured.

Do not modify the suspension:

Modifying the vehicle suspension is dangerous. If the vehicle's height or the suspension is modified, the vehicle will be unable to accurately detect a collision or roll-over accident resulting in incorrect or unexpected air bag deployment and the possibility of serious injuries.

To prevent false detection by the air bag sensor system, heed the following:

- ➤ Do not use tyres or wheels other than those specified for your Mazda:
 Use of any tyre or wheel other than those specified for your Mazda (page 9-14) is
 dangerous. Use of such wheels will prevent the vehicle's accident detections system from
 accurately detecting a collision or roll-over accident resulting in incorrect or unexpected air
 bag deployment and the possibility of serious injuries.
- ➤ Do not overload your vehicle:

 Overloading your vehicle is dangerous as it could prevent the air bag crash sensor system from accurately detecting a collision or roll-over accident resulting in incorrect or unexpected air bag deployment and the possibility of serious injuries. The gross axle weight rating (GAWR) and the gross vehicle weight rating (GVWR) for your vehicle are on the Motor Vehicle Safety Standard Label on the driver's door frame. Do not exceed these ratings.

Do not modify a front door or leave any damage unrepaired. Always have an expert repairer (we recommend an Authorised Mazda Repairer) inspect a damaged front door:

Modifying a front door or leaving any damage unrepaired is dangerous. Each front door has a side crash sensor as a component of the supplementary restraint system. If holes are drilled in a front door, a door speaker is left removed, or a damaged door is left unrepaired, the sensor could be adversely affected causing it to not detect the pressure of an impact correctly during a side collision. If a sensor does not detect a side impact correctly, the side and curtain air bags and the front seat belt pretensioner may not operate normally which could result in serious injury to occupants.

Do not modify the supplementary restraint system:

Modifying the components or wiring of the supplementary restraint system is dangerous. You could accidentally activate it or make it inoperable. Do not make any modifications to the supplementary restraint system. This includes installing trim, badges, or anything else over the air bag modules. It also includes installing extra electrical equipment on or near system components or wiring. An expert repairer (we recommend an Authorised Mazda Repairer) can provide the special care needed in the removal and installation of front seats. It is important to protect the air bag wiring and connections to assure that the bags do not accidentally deploy, and that the driver seat slide position sensor is not damaged and the seats retain an undamaged air bag connection.

Do not place luggage or other objects under the front seats:

Placing luggage or other objects under the front seats is dangerous. The components essential to the supplementary restraint system could be damaged, and in the event of a side collision, the appropriate air bags may not deploy, which could result in death or serious injury. To prevent damage to the components essential to the supplementary restraint system, do not place luggage or other objects under the front seats.

SRS Air Bags

Do not operate a vehicle with damaged air bag/seat belt pretensioner system components:

Expended or damaged air bag/seat belt pretensioner system components must be replaced after any collision which caused them to deploy or damage them. Only a trained expert repairer (we recommend an Authorised Mazda Repairer) can fully evaluate these systems to see that they will work in any subsequent accident. Driving with an expended or damaged air bag or pretensioner unit will not afford you the necessary protection in the event of any subsequent accident which could result in serious injury or death.

Do not remove interior air bag parts:

Removing any components such as the front seats, front instrument panel, the steering wheel or parts on the front and rear window pillars and along the roof edge, containing air bag parts or sensors is dangerous. These parts contain essential air bag components. The air bag could accidentally activate and cause serious injuries. Always have an expert repairer (we recommend an Authorised Mazda Repairer) remove these parts.

Properly dispose of the air bag system:

Improper disposal of an air bag or a vehicle with live air bags in it can be extremely dangerous. Unless all safety procedures are followed, injury could result. Have an expert repairer (we recommend an Authorised Mazda Repairer) safely dispose of the air bag system or scrap an air bag equipped vehicle.

NOTE

- · When an air bag deploys, a loud inflation noise can be heard and some smoke will be released. Neither is likely to cause injury, however, the texture of the air bags may cause light skin injuries on body parts not covered with clothing through friction.
- · Should you sell your Mazda, we urge you to tell the new owner of its air bag systems and that familiarization with all instructions about them, from the Owner's Manual, is important.
- This highly-visible label warns against the use of a rear-facing child-restraint system on the front passenger seat.

(Taiwan Only)

依規定前排座椅禁止乘載嬰兒、幼童及兒童。

(Europe and other countries (Except Taiwan))



(Taiwan only)



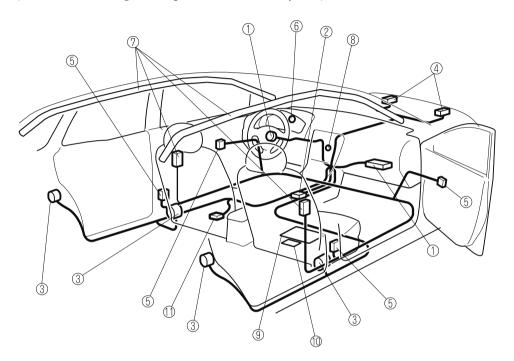
(Taiwan, except front passenger seat, if equipped with the following label)

The highly-visible labels warn against the use of a rear-facing child-restraint system on the seat protected by an air bag.

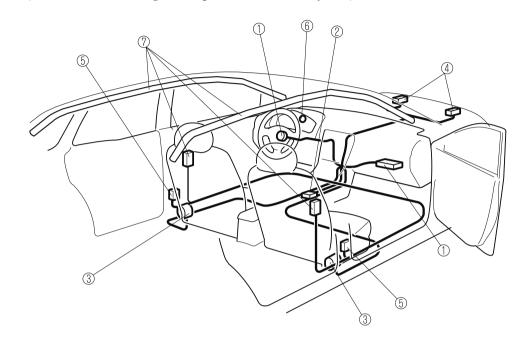


Supplementary Restraint System Components

(With Front Passenger Occupant Classification System)



(Without Front Passenger Occupant Classification System)



- ① Driver/Front passenger inflators and air bags
- ② Roll-over sensor*, crash sensors, and diagnostic module (SAS unit)
- ③ Seat belt pretensioners (page 2-31)
- Front air bag sensors
- **5** Side crash sensors
- ⑥ Air bag/seat belt pretensioner system warning light (page 7-46)
- Side and curtain inflators and air bags
- ® Front passenger air bag deactivation indicator light* (page 2-70)
- Tront passenger occupant classification module*
- ① Driver seat slide position sensor* (page 2-62)

SRS Air Bags

How the SRS Air Bags Work

Your Mazda is equipped with the following types of SRS air bags. SRS air bags are designed to work together with the seat belts to help to reduce injuries during an accident. The SRS air bags are designed to provide further protection for passengers in addition to the seat belt functions. Be sure to wear seat belts properly.

▼ Seat Belt Pretensioners

The pretensioners operate differently depending on what types of air bags are equipped. For more details about seat belt pretensioner operation, refer to the SRS Air Bag Deployment Criteria (page 2-66).

Front

The front seat belt pretensioners are designed to deploy in moderate or severe frontal, near frontal collisions.

In addition, the pretensioners operate when a side collision or a roll-over accident (with roll-over sensor) is detected.

Rear Outboard*

The rear outboard seat belt pretensioners are designed to deploy in moderate or severe frontal, near frontal collisions.

▼ Driver Air Bag

The driver's air bag is mounted in the steering wheel.

When air bag crash sensors detect a frontal impact of greater than moderate force, the driver's air bag inflates quickly helping to reduce injury mainly to the driver's head or chest caused by directly hitting the steering wheel.

For more details about air bag deployment, refer to "SRS Air Bag Deployment Criteria" (page 2-66).

(With Front Passenger Occupant Classification System)

The inflation of the driver's dual-stage air bag is controlled in two energy stages depending on the driver's seat position. The driver's seat slide position sensor is located under the driver's seat. The sensor determines whether the driver's seat is forward of or behind a reference position and sends the seat position to the diagnostic module (SAS unit). The SAS unit is designed to control the deployment of the driver's air bag depending on how close the driver's seat is to the steering wheel.

During an impact of moderate severity, the driver's air bag deploys with lesser energy, whereas during more severe impacts and when the driver's seat is behind the reference position, it deploys with more energy.



▼ Front Passenger Air Bag

The front passenger air bag is mounted in the front passenger instrument panel. The inflation mechanism for the front passenger air bag is the same as the driver's air bag. For more details about air bag deployment, refer to "SRS Air Bag Deployment Criteria" (page 2-66).

(With Front Passenger Occupant Classification System)

In addition, the front passenger air bag is designed to only deploy when the front passenger occupant classification sensor detects a passenger sitting on the front passenger's seat. For details, refer to the front passenger occupant classification system (page 2-70).



▼ Side Air Bags

The side air bags are mounted in the outboard sides of the front seatbacks.

When the air bag crash sensors detect a side impact of greater than moderate force, the system inflates the side air bag only on the side in which the vehicle was hit. The side air bag inflates quickly to reduce injury to the driver or front passenger's chest caused by directly hitting interior parts such as a door or window.

For more details about air bag deployment, refer to "SRS Air Bag Deployment Criteria" (page 2-66).

SRS Air Bags

(With Front Passenger Occupant Classification System)

In addition, the front passenger side air bag is designed to only deploy when the front passenger occupant classification sensor detects a passenger sitting on the front passenger's seat. For details, refer to the front passenger occupant classification system (page 2-70).



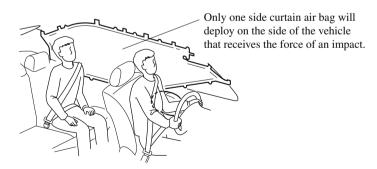
▼ Curtain Air Bags

The curtain air bags are mounted in the front and rear window pillars, and the roof edge along both sides.

When the air bag crash sensors detect a side impact of greater than moderate force, the curtain air bag inflates quickly and helps to reduce injury mainly to the rear outboard passenger's head caused by directly hitting interior parts such as a door or window. For more details about air bag deployment, refer to "SRS Air Bag Deployment Criteria" (page 2-66).

In a side impact:

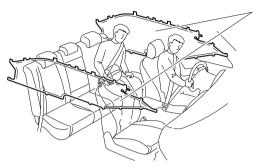
Greater than moderate impact to one side of the vehicle will cause the curtain air bag on that side only to inflate.



(With roll-over sensor)

In a roll-over:

In response to a vehicle roll-over, both curtain air bags inflate.



Both curtain air bags will deploy after the roll-over accident is detected.

▼ Warning Light/Beep

A system malfunction or operation conditions are indicated by a warning. Refer to Contact an expert repairer (we recommend an Authorised Mazda Repairer) and Have Vehicle Inspected on page 7-46.

Refer to Warning Sound is Activated on page 7-65.

SRS Air Bag Deployment Criteria

This chart indicates the applicable SRS equipment that will deploy depending on the type of collision.

(The illustrations are the representative cases of collisions.)

	Types of collision					
SRS equip- ment	A severe frontal/near frontal collision	A severe side collision*2	A roll-over/near roll-over*3	A rear collision		
				-6 -1 6-16-16-16-16-16-16-16-16-16-16-16-16-16		
		b				
Front seat belt preten- sioner	X*1	X*1	X	No air bag and seat belt pretensioner will be activated in a rear collision.		
Rear seat belt preten- sioner*	X		X			
Driver air bag	X					
Front pas- senger air bag	X*1					
Side air bag		X*1 (impact side only)				
Curtain air bag		X (impact side on- ly)	X (both sides)			

X: The SRS air bag equipment is designed to deploy in a collision.

The front passenger front and side air bags and the seat belt pretensioner are designed to deploy when the front passenger occupant classification sensor detects a passenger sitting on the front passenger's seat.

In a roll-over accident, the seat belt pretensioners and the curtain air bags deploy.

^{*1 (}With Front Passenger Occupant Classification System)

^{*2} In a side collision, the seat belt pretensioners and the side/curtain air bags deploy.

^{3 (}With roll-over sensor)

NOTE

In a frontal offset collision, the equipped air bags and pretensioners may all deploy depending on the direction, angle, and rate of impact.

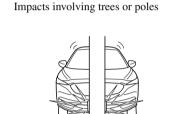
SRS Air Bags

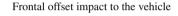
Limitations to SRS Air Bag

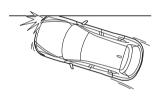
In severe collisions such as those described previously in "SRS Air Bag Deployment Criteria", the applicable SRS air bag equipment will deploy. However, in some accidents, the equipment may not deploy depending on the type of collision and its severity.

Limitations to front/near front collision detection:

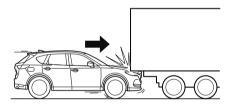
The following illustrations are examples of front/near front collisions that may not be detected as severe enough to deploy the SRS air bag equipment.







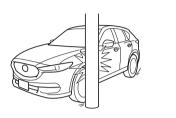
Rear-ending or running under a truck's tail gate



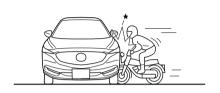
Limitations to side collision detection:

The following illustrations are examples of side collisions that may not be detected as severe enough to deploy the SRS air bag equipment.

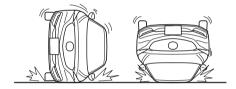




Side impacts with two-wheeled vehicles



Roll-over (Without roll-over sensor)

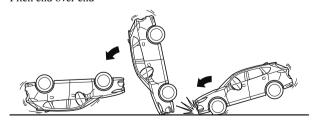


(With roll-over sensor)

Limitations to roll-over detection:

The following illustration is an example of an accident that may not be detected as a roll-over accident. Therefore, the seat belt pretensioners and curtain air bags may not deploy.

Pitch end over end



Front Passenger Occupant Classification System*

First, please read "Supplementary Restraint System (SRS) Precautions" (page 2-53) carefully.

▼ Front Passenger Occupant Classification Sensor

Your vehicle is equipped with a front passenger occupant classification sensor as a part of the supplementary restraint system. This sensor is equipped in the front passenger's seat cushion. This sensor measures the electrostatic capacity of the front passenger's seat. The SAS unit is designed to prevent the front passenger front and side air bags and seat belt pretensioner system from deploying if the front passenger air bag deactivation OFF indicator light turns on.

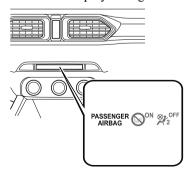
To reduce the chance of injuries caused by deployment of the front passenger air bag, the system deactivates the front passenger front and side air bags and also the seat belt pretensioner system when the front passenger air bag deactivation OFF indicator light turns on. Refer to the following table for the front passenger air bag deactivation indicator light illumination conditions.

This system shuts off the front passenger front and side air bags and seat belt pretensioner system, so make sure the front passenger air bag deactivation indicator light turns on according to the following table.

The air bag/seat belt pretensioner system warning light flashes and the front passenger air bag deactivation OFF indicator light illuminates if the sensors have a possible malfunction. If this happens, the front passenger front and side air bags and seat belt pretensioner system will not deploy.

Front passenger air bag deactivation indicator lights

These indicator lights turn on to remind you that the front passenger front and side air bags and seat belt pretensioner will or will not deploy during a collision.



If the front passenger occupant classification sensor is normal, both indicator lights turn on when the ignition is switched ON. The lights turn off after a few seconds. Then, the indicator lights turn on or off under the following conditions:

Front passenger air bag deactivation indicator light on/off condition chart

Condition detected by the front passenger occupant classification system	Front passenger air bag deactivation indi- cator light	Front passenger front and side air bags	Front passenger seat belt pretensioner sys- tem
Empty (Not occupied)	⊗ OFF 2	Deactivated	Deactivated
A child is seated in a child-restraint system*1	⊗ OFF 2	Deactivated	Deactivated
Adult*2	Turns off after a short period of time.	Ready	Ready

^{*1} The occupant classification sensor may not detect a child seated on the seat, in a child-restraint system, or a junior seat depending on the child's physical size and seated posture.

The curtain air bag is ready for inflating regardless of what the front passenger air bag deactivation indicator light on/off condition chart indicates.

If both of the front passenger air bag deactivation indicator lights do not turn on for a specified period of time when the ignition is switched ON or they do not turn on as indicated in the front passenger air bag deactivation indicator light on/off condition chart, do not allow an occupant to sit in the front passenger seat and consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible. The system may not work properly in an accident.



Do not allow an occupant in the front passenger's seat to sit with a posture which makes it difficult for the front passenger occupant classification sensor to detect the occupant correctly:

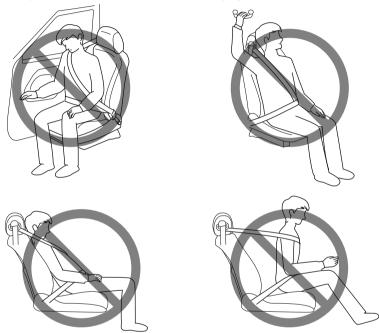
Sitting in the front passenger's seat with a posture which makes it difficult for the front passenger occupant classification sensor to detect the occupant correctly is dangerous. If the front passenger occupant classification sensor cannot detect the occupant sitting on the front passenger's seat correctly, the front passenger front and side air bags and pretensioner system may not operate (non-deploy) or they may operate (deploy) accidentally. The front passenger will not have the supplementary protection of the air bags or the accidental operation (deployment) of the air bags could result in serious injury or death.

^{*2} If a smaller adult sits on the front passenger seat, the sensors might detect the person as being a child depending on the person's physique.

SRS Air Bags

Under the following conditions, the front passenger occupant classification sensor cannot detect a passenger sitting on the front passenger's seat correctly and the deployment/non-deployment of the air bags cannot be controlled as indicated in the front passenger air bag deactivation indicator light on/off condition chart. For example:

➤ A front passenger is seated as shown in the following figure:



- A rear passenger pushes up on the front passenger seat with their feet.
- Luggage or other items placed under the front passenger seat or between the front passenger seat and driver seat that push up the front passenger seat bottom.
- An object, such as a seat cushion, is put on the front passenger's seat or between the passenger's back and the seatback.
- > A seat cover is put on the front passenger's seat.
- Luggage or other items are placed on the seat with the child in the child-restraint system.
- ➤ A rear passenger or luggage push or pull down on the front passenger seatback.
- Luggage or other items are placed on the seatback or hung on the head restraint.
- > The seat is washed.
- ➤ Liquids are spilled on the seat.
- ➤ The front passenger seat is moved backward, pushing into luggage or other items placed behind it.
- ➤ The front passenger seatback contacts the rear seat.

- Luggage or other items are placed between the front passenger seat and driver seat.
- An electric device is put on the front passenger's seat.
- An additional electrical device, such as a seat warmer is installed to the surface of the front passenger seat.

The front passenger front and side air bags and seat belt pretensioner systems will deactivate if the front passenger air bag deactivation OFF indicator light turns on.



- To assure proper deployment of the front air bag and to prevent damage to the sensor in the front seat cushion:
 - > Do not place sharp objects on the front seat cushion or leave heavy luggage on them.
 - Do not spill any liquids on the front seats or under the front seats.
- To allow the sensors to function properly, always perform the following:
 - Adjust the front seats as far back as possible and always sit upright against the seatbacks with seat belts worn properly.
 - If you place your child on the passenger seat, secure the child-restraint system properly and slide the passenger seat as far back as possible within the position in which the child-restraint system can be installed.

NOTE

- The system requires about 10 seconds to alternate between turning the front passenger front and side air bags and seat belt pretensioner system on or off.
- The front passenger air bag deactivation OFF indicator light may turn on repeatedly if luggage or other items are put on the front passenger seat, or if the temperature of the vehicle's interior changes suddenly.
- The front passenger air bag deactivation OFF indicator light may turn on for 10 seconds if the electrostatic capacity on the front passenger seat changes.
- The air bag/seat belt pretensioner system warning light might turn on if the front passenger seat receives a severe impact.
- · If the front passenger air bag deactivation OFF indicator light does not turn on after installing a child-restraint system on the front passenger seat, first, re-install your child-restraint system according to the procedure in this owner's manual. Then, if the front passenger air bag deactivation OFF indicator light still does not turn on, install the child-restraint system on the rear seat and consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

SRS Air Bags

· If the front passenger air bag deactivation OFF indicator light turns on when an occupant is seated directly in the front passenger seat, have the passenger re-adjust their posture by sitting with their feet on the floor, and then re-fastening the seat belt. If the front passenger air bag deactivation OFF indicator light remains turned on, move the passenger to the rear seat. If sitting in the rear seat is not possible, slide the front passenger seat as far back as possible. Consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

Constant Monitoring

The following components of the air bag systems are monitored by a diagnostic system:

- · Front air bag sensors
- · Crash sensors, and diagnostic module (SAS unit)
- · Side crash sensors
- · Air bag modules
- · Seat belt pretensioners
- · Air bag/Seat belt pretensioner system warning light
- · Related wiring

(With Front Passenger Occupant Classification System)

- · Driver seat slide position sensor
- · Front passenger occupant classification sensor
- · Front passenger occupant classification module
- · Front passenger air bag deactivation indicator light

The diagnostic module continuously monitors the system's readiness. This begins when the ignition is switched ON and continues while the vehicle is being driven.

MEMO

3

Before Driving

Use of various features, including keys, doors, mirrors and windows.

Keys 3-2
Keys3-2
Keyless Entry System3-4
Advanced Keyless Entry
System3-10
Advanced Keyless Entry System*
3-10
Operational Range3-11
Doors and Locks3-12
Door Locks
Liftgate
Lingate5-16
Earland Englander
Fuel and Emission
Fuel and Engine Exhaust
Precautions 3-29
Fuel-Filler Flap and Cap3-34
Mirrors3-36
Mirrors3-36
Windows3-40
Power Windows3-40
rower windows

Sunroof*	3-43
Security System	3-46
Modification and Add-On	
Equipment	3-46
Immobilizer System	3-46
Theft-Deterrent System*	3-48
Driving Tips	3-53
Running-In	
Saving Fuel and Protection of	
Environment	
Hazardous Driving	
Floor Mat	
Rocking the Vehicle	
Winter Driving	
Driving In Flooded Area	
Turbocharger Information	
(SKYACTIV-G 2.5T, SKYACT	ΓΙV-D
2.2)	
Towing	3-61
Towing Caravans and Trailers	
(Russia/South Africa)	3-61

Keys

Keys

MARNING

Do not leave the key in your vehicle with children and keep them in a place where your children will not find or play with them:

Leaving children in a vehicle with the key is dangerous. This could result in someone being badly injured or even killed. Children may find these keys to be an interesting toy to play with and could cause the power windows or other controls to operate, or even make the vehicle move.

▲ CAUTION

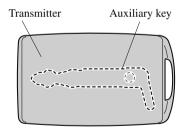
- Because the key (transmitter) uses low-intensity radio waves, it may not function correctly under the following conditions:
 - ➤ The key is carried with communication devices such as cellular phones.
 - The key contacts or is covered by a metal object.
 - ➤ The key is near electronic devices such as personal computers.
 - ➤ Non-Mazda genuine electronic equipment is installed in the vehicle.
 - There is equipment which discharges radio waves near the vehicle.
- ➤ The key (transmitter) may consume battery power excessively if it receives high-intensity radio waves. Do not place the key near electronic devices such as televisions or personal computers.
- To avoid damage to the key (transmitter), DO NOT:

- ➤ Drop the key.
- Get the key wet.
- Disassemble the key.
- Expose the key to high temperatures on places such as the instrument panel or bonnet, under direct sunlight.
- Expose the key to any kind of magnetic field.
- ➤ Place heavy objects on the key.
- ➤ Put the key in an ultrasonic cleaner.
- ➤ Put any magnetized objects close to the key.

NOTE

- The driver must carry the key to ensure the system functions properly.
- · If the key (transmitter) does not function normally, make sure that the power saving function of the key (transmitter) is not on. If it is on, switch the function to off.

Refer to Transmitter on page 3-5.

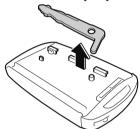


Removing the auxiliary key

1. Remove the lower cover while sliding the knob in the direction of the arrow.

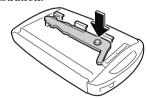


2. Remove the auxiliary key.

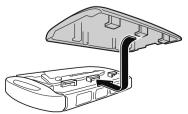


Installing the auxiliary key

1. Install the auxiliary key as the illustration.



2. Insert the tabs of the lower cover into the slots of the transmitter and install the lower cover.



Key code number plate

A code number is stamped on the plate attached to the key set; detach this plate and store it in a safe place (not in the vehicle) for use if you need to make a replacement key (auxiliary key). Also write down the code number and keep it in a separate safe and convenient place, but not in the vehicle.

If your key (auxiliary key) is lost, consult an expert repairer (we recommend an Authorised Mazda Repairer), and have your code number ready.



Keyless Entry System

This system uses the key buttons to remotely lock and unlock the doors and the liftgate, and opens/closes the liftgate. The system can start the engine without having to take the key out of your purse or pocket.

Operating the theft-deterrent system is also possible on theft-deterrent system-equipped vehicles.

System malfunctions or warnings are indicated by the following warning lights or beeps.

For vehicles with the type A/type B instrument cluster, check the displayed message for more information and, if necessary, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer), according to the indication.

- KEY Warning Light (Red)
 Refer to Contact expert repairer (we
 recommend an Authorised Mazda
 Repairer) and Have Vehicle Inspected
 on page 7-46.
 - Refer to Taking Action on page 7-54.
- Ignition Not Switched Off (STOP)
 Warning Beep
 Refer to Ignition Not Switched Off
 (STOP) Warning Beep on page 7-66.
- Key Removed from Vehicle Warning Beep

Refer to Key Removed from Vehicle Warning Beep on page 7-66.

If you have a problem with the key, consult an expert repairer (we recommend an Authorised Mazda Repairer).

If your key is lost or stolen, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible for a replacement and to make the lost or stolen key inoperative.



Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE

- The keyless entry system operation may vary due to local conditions.
- The keyless entry system is fully operational (door/liftgate lock/unlock) when the ignition is switched off. The system does not operate if the ignition is switched to any position other than off.
- · If the key does not operate when pressing a button or the operational range becomes too small, the battery may be weak. To install a new battery, refer to Key Battery Replacement (page 6-41).

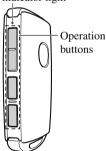
· Battery life is about 1 year. Replace the battery with a new one if the KEY indicator light (green) flashes in the instrument cluster (for vehicles with a type A/type B instrument cluster (page 4-21, 4-41), messages are displayed in the instrument cluster). Replacing the battery about once a year is recommended because the KEY warning light/indicator light may not illuminate or flash depending on the rate of battery depletion.



· Additional keys can be obtained at an expert repairer (we recommend an Authorised Mazda Repairer). Up to 6 keys can be used with the keyless functions per vehicle. Bring all keys to the expert repairer (we recommend an Authorised Mazda Repairer) when additional keys are required.

▼ Transmitter

Operation indicator light



NOTE

· (European models)

The headlights turn on/off by operating the transmitter. Refer to Leaving Home Light on page 4-93.

· (With theft-deterrent system)

The hazard warning lights flash when the theft-deterrent system is armed or turned off.

Refer to Theft-Deterrent System on page 3-48.

· (With the advanced keyless function (European models))

The setting can be changed so that a beep sound is heard for confirmation when the doors and the liftgate are locked/unlocked using the key.

(With the advanced keyless function (Except European models))

A beep sound can be heard for confirmation when the doors and the liftgate are locked/unlocked using the key. If you prefer, the beep sound can be turned off.

The volume of the beep sound can also be changed.

Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

Use the following procedure to change the setting.

- 1. Switch the ignition off and close all of the doors and the liftgate.
- 2. Open the driver's door.
- 3. Within 30 seconds of opening the driver's door, press and hold the LOCK button on the key for 5 seconds or longer.

The beep sound activates at the currently set volume. The setting changes each time the LOCK button on the key is pressed and the beep sound activates at the set volume. (If the beep sound has been set to not activate, it will not activate.)

Keys

- 4. The setting change is completed by doing any one of the following:
 - · Switching the ignition to ACC or ON.
 - · Closing the driver's door.
 - · Opening the liftgate.
 - · Not operating the key for ten seconds.
 - · Pressing any button except the LOCK button on the key.
 - · Pressing a request switch.

The operation indicator light flashes when the buttons are pressed.

Lock button

To lock the doors and the liftgate, press the lock button and the hazard warning lights will flash once.

(With the advanced keyless function (Except European models))

A beep sound will be heard once.



NOTE

· (European models)

The doors and the liftgate cannot be locked by pressing the lock button while any other door is open. The hazard warning lights will also not flash.

(Except European models)

The doors and the liftgate cannot be locked by pressing the lock button while any other door or the liftgate is open. The hazard warning lights will also not flash.

· (With the i-stop function (European models))

Removing the key from the vehicle, closing all the doors and pressing the LOCK button on the key while the i-stop function is operating (engine is stopped) will switch the ignition OFF and lock all the doors (Steering wheel also locks). Refer to i-stop on page 4-11.

- Make sure all doors and the liftgate are locked after pressing the button.
- · (With theft-deterrent system)
 When the doors are locked by pressing the lock button on the key while the theft-deterrent system is armed, the hazard warning lights will flash once to indicate that the system is armed.

Unlock button

To unlock the doors and the liftgate, press the unlock button and the hazard warning lights will flash twice.

(With the advanced keyless function (Except European models))

A beep sound will be heard twice.



NOTE

· (Auto re-lock function)

After unlocking with the key, all doors and the liftgate will automatically lock if any of the following operations are not performed within about 30 seconds. If your vehicle has a theft-deterrent system, the hazard warning lights will flash for confirmation.

The time required for the doors to lock automatically can be changed.
Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

- \cdot A door or the liftgate is opened.
- The ignition is switched to any position other than off.
- · (With theft-deterrent system)

When the doors are unlocked by pressing the unlock button on the key while the theft-deterrent system is turned off, the hazard warning lights will flash twice to indicate that the system is turned off.

Power liftgate button*

To open/close the liftgate, press the power liftgate button for one second or longer with the liftgate in the fully closed/open position.

The hazard warning lights flash twice and the liftgate opens/closes after the beep sounds.

Power liftgate button type A



Power liftgate button type B



Intrusion sensor cancel button*

To cancel the intrusion sensor (part of the theft-deterrent system), press the intrusion sensor cancel button within 20 seconds after pressing the lock button and the hazard warning lights will flash three times

Refer to Theft-Deterrent System on page 3-48.



Power saving function

By turning on the transmitter power saving function, the advanced keyless entry*1 and push button start system functions turn off and the battery power consumption of the transmitter is restricted.

The remote control function is operational by operating the transmitter switch even while the power saving function is turned on. However, the operation indicator light of the transmitter does not turn on/flash.

Turning on the power saving function

After you have turned on the power saving function according to the following procedure, the hazard warning lights and sound operate*1 one time.

- 1. Press the lock button on the transmitter 4 times within 3 seconds to turn on the operation indicator light.
- 2. Press the lock button continuously for 1.5 seconds or longer while the operation indicator light turns on (for 5 seconds).

Keys

3. Press any of the buttons on the transmitter to make sure that the operation indicator light does not turn on/flash.

Turning off the power saving function

After you have turned off the power saving function according to the following procedure, the hazard warning lights and sound operate*1 one time.

- 1. Press any of the buttons on the transmitter to make sure that the operation indicator light does not turn on/flash.
- 2. Press the lock button on the transmitter 4 times within 3 seconds to turn on the operation indicator light.
- Press the lock button continuously for 1.5 seconds or longer while the operation indicator light turns on (for 5 seconds).
- *1 With the advanced keyless function

▼ Operational Range

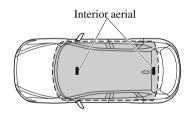
The system operates only when the driver is in the vehicle or within operational range while the key is being carried.

Starting the Engine

NOTE

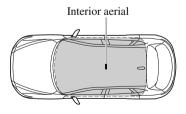
- Starting the engine may be possible even if the key is outside of the vehicle and extremely close to a door and window, however, always start the engine from the driver's seat.
 - If the vehicle is started and the key is not in the vehicle, the vehicle will not restart after it is shut off and the ignition is switched to off.
- The luggage compartment is out of the assured operational range, however, if the key (transmitter) is operable the engine will start.

With the advanced keyless function



Operational range

Without the advanced keyless function



Operational range

NOTE

The engine may not start if the key is placed in the following areas:

- · Around the instrument panel
- · In the storage compartments such as the glove compartment or the centre console

▼ Key Suspend Function

If a key is left in the vehicle, the functions of the key left in the vehicle are temporarily suspended to prevent theft of the vehicle.

To restore the functions, press the unlock button on the functions-suspended key in the vehicle.

Advanced Keyless Entry System

Advanced Keyless Entry System*



Radio waves from the key may affect medical devices such as pacemakers:

Before using the key near people who use medical devices, ask the medical device manufacturer or your physician if radio waves from the key will affect the device.

The advanced keyless function allows you to lock/unlock the door and the liftgate, or open the liftgate while carrying the key.

System malfunctions or warnings are indicated by the following warning beeps.

- · Request switch Inoperable Warning Beep Refer to Request Switch Inoperable Warning Beep (With the advanced keyless function) on page 7-66.
- · Key Left-in-luggage Compartment Warning Beep Refer to Key Left-in-luggage Compartment Warning Beep (With the advanced keyless function) on page 7-66.
- · Key Left-in-vehicle Warning Beep Refer to Key Left-in-vehicle Warning Beep (With the advanced keyless function) on page 7-67.

NOTE

The advanced keyless entry system functions can be deactivated to prevent any possible adverse effect on a user wearing a pacemaker or other medical device. If the system is deactivated, you will be unable to start the engine by carrying the key. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for details. If the advanced keyless entry system has been deactivated, you can start the engine by following the procedure indicated when the key battery goes dead. Refer to Engine Start Function When Key

Battery is Dead on page 4-9.

Operational Range

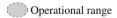
The system operates only when the driver is in the vehicle or within operational range while the key is being carried.

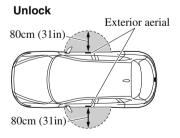
NOTE

When the battery power is low, or in places where there are high-intensity radio waves or noise, the operational range may become narrower or the system may not operate. For determining battery replacement, Refer to Keyless Entry System on page 3-4.

▼ Locking, Unlocking the Doors and the Liftgate

Exterior aerial 80cm (31in) 80cm (31in) 80cm (31in)



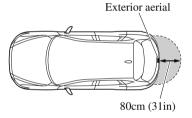


Operational range

NOTE

- The system may not operate if you are too close to the windows or door handles, or liftgate.
- · If the key is left in the following areas and you leave the vehicle, the doors may be locked depending on the radio wave conditions even if the key is left in the vehicle.
 - · Around the instrument panel
 - In the storage compartments such as the glove compartment or the centre console
 - · Next to a communication device such as a mobile phone

▼ Opening the Liftgate





Doors and Locks

Door Locks



Always take all children and pets with you or leave a responsible person with them:

Leaving a child or a pet unattended in a parked vehicle is dangerous. In hot weather, temperatures inside a vehicle can become high enough to cause brain damage or even death.

Do not leave the key in your vehicle with children and keep them in a place where your children will not find or play with them:

Leaving children in a vehicle with the key is dangerous. This could result in someone being badly injured or even killed.

Always close all the windows and sunroof, lock the doors and the liftgate and take the key with you when leaving your vehicle unattended:

Leaving your vehicle unlocked is dangerous as children could lock themselves in a hot vehicle, which could result in death. Also, a vehicle left unlocked becomes an easy target for thieves and intruders.

After closing the doors and the liftgate, always verify that they are securely closed:

Doors and the liftgate not securely closed are dangerous, if the vehicle is driven with a door and the liftgate not securely closed, the door and the liftgate could open unexpectedly resulting in an accident.

Always confirm the safety around the vehicle before opening a door and the liftgate:

Suddenly opening a door and the liftgate is dangerous. A passing vehicle or a pedestrian could be hit and cause an accident.



Always confirm the conditions around the vehicle before opening/closing the doors and the liftgate and use caution during strong winds or when parked on an incline. Not being aware of the conditions around the vehicle is dangerous because fingers could get caught in the door and the liftgate or a passing pedestrian could be hit, resulting in an unexpected accident or injury.

NOTE

- Always stop the engine and lock the doors. In addition, to prevent theft of valuables, do not leave them inside the cabin.
- · If the key is left in the following areas and you leave the vehicle, the doors may be locked depending on the radio wave conditions even if the key is left in the vehicle.
 - · Around the instrument panel
 - In the storage compartments such as the glove compartment or the centre console
 - · Next to a communication device such as a mobile phone

Doors and Locks

• The vehicle lock-out prevention feature prevents you from locking yourself out of the vehicle.

(European models)

All doors and the liftgate will automatically unlock if they are locked using the power door locks with any door open.

If all the doors are closed even though the liftgate is open, all the doors will lock.

(Except European models)

All doors and the liftgate will automatically unlock if they are locked using the power door locks with any door or the liftgate open.

· (Door unlock (control) system with collision detection)*

This system automatically unlocks the doors and the liftgate in the event the vehicle is involved in an accident to allow passengers to get out of the vehicle immediately and prevent being trapped inside. While the ignition is switched ON and in the event the vehicle receives an impact strong enough to inflate the air bags, all the doors and the liftgate are automatically unlocked after about 6 seconds have elapsed from the time of the accident.

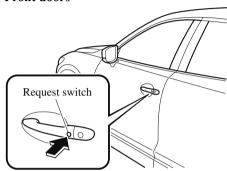
The doors and the liftgate may not unlock depending on how an impact is applied, the force of the impact, and other conditions of the accident.

▼ Locking, Unlocking with Request Switch (With the advanced keyless function)

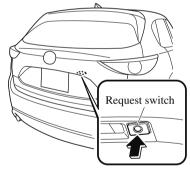
All doors and the liftgate can be locked/ unlocked by pressing the request switch on the front doors while the key is being carried.

The request switch on the liftgate can only be used to lock all doors and the liftgate.

Front doors



Liftgate (Lock only)



To lock

To lock the doors and the liftgate, press the request switch and the hazard warning lights will flash once.

(Except European models)

A beep sound will be heard once.

To unlock

To unlock the doors and the liftgate, press the request switch on a front door and the hazard warning lights will flash twice.

Doors and Locks

(Except European models)

A beep sound will be heard twice.

NOTE

 Confirm that all doors and the liftgate are securely locked.
 For the liftgate, move it without pressing

For the liftgate, move it without pressing the electric liftgate opener to verify that the liftgate has not been left ajar.

· (European models)

All doors and the liftgate cannot be locked when any door is open.

(Except European models)

All doors and the liftgate cannot be locked when any door or the liftgate is open.

- It may require a few seconds for the doors to unlock after the request switch is pressed.
- · (European models)

The setting can be changed so that a beep sound is heard for confirmation when the doors and the liftgate are locked/unlocked using a request switch.

(Except European models)

A beep sound is heard for confirmation when the doors and the liftgate are locked/unlocked using the request switch. If you prefer, the beep sound can be turned off.

The volume of the beep sound can also be changed.

Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

Use the following procedure to change the setting.

- 1. Switch the ignition off and close all of the doors and the liftgate.
- 2. Open the driver's door.

- 3. Within 30 seconds of opening the driver's door, press and hold the LOCK button on the key for 5 seconds or longer.

 The beep sound activates at the currently set volume. The setting changes each time the LOCK button on the key is pressed and the beep sound activates at the set volume. (If the beep sound has been set to not
- 4. The setting change is completed by doing any one of the following:

activate, it will not activate.)

- · Switching the ignition to ACC or ON.
- · Closing the driver's door.
- · Opening the liftgate.
- · Not operating the key for ten seconds.
- · Pressing any button except the LOCK button on the key.
- · Pressing a request switch.
- · (With theft-deterrent system)

The hazard warning lights flash when the theft-deterrent system is armed or turned off.

Refer to Theft-Deterrent System on page 3-48.

 The setting can be changed so that the doors and the liftgate are locked automatically without pressing the request switch.

Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

(Walk-away auto lock function)

A beep sound is heard when all doors and the liftgate are closed while the advanced key is being carried. All doors and the liftgate are locked automatically after about three seconds when the advanced key is out of the operational range. Also, the hazard warning lights flash once. (Even if the driver is in the operational range, all doors and the liftgate are locked automatically after about 30 seconds.) If you are out of the operational range before the doors and the liftgate are completely closed or another key is left in the vehicle, the walk-away auto lock function will not work. Always make sure that all doors and the liftgate are closed and locked before leaving the vehicle. The walk-away auto lock function does not close the power windows.

· (Auto re-lock function)

After unlocking with the request switch, all doors and the liftgate will automatically lock if any of the following operations are not performed within about 30 seconds. If your vehicle has a theft-deterrent system, the hazard warning lights will flash for confirmation.

The time required for the doors to lock automatically can be changed.
Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

- · Opening a door or the liftgate.
- · Switching the ignition to any position other than off.

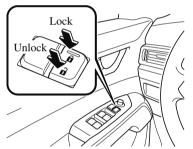
▼ Locking, Unlocking with Transmitter

All doors and the liftgate can be locked/unlocked by operating the keyless entry system transmitter, refer to Keyless Entry System (page 3-4).

▼ Locking, Unlocking with Door-Lock Switch*

All doors and the liftgate lock automatically when the lock side is pressed with all doors and the liftgate closed.

They all unlock when the unlock side is pressed.



NOTE

The doors and the liftgate cannot be locked while any other door or the liftgate is open.

Doors and Locks

▼ Auto Lock/Unlock Function*



Do not pull the inner handle on a front door:

Pulling the inner handle on a front door while the vehicle is moving is dangerous. Passengers can fall out of the vehicle if the door opens accidentally, which could result in death or serious injury.

- When the vehicle speed exceeds 20 km/h (12 mph), all the doors and liftgate lock automatically.
- When the ignition is switched off, all the doors and liftgate unlock automatically.

NOTE

If the doors and liftgate are unlocked by the auto lock/unlock function, it does not operate again until the doors or the liftgate are opened/closed, or the ignition is switched OFF.

The lock/unlock timing and the setting to make this function inoperable can be changed.

Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Locking, Unlocking with Auxiliary Key

All doors and the liftgate lock automatically when the driver's door is locked using the auxiliary key. They all unlock when the driver's door is unlocked using the auxiliary key. Turn the auxiliary key toward the front to lock, toward the back to unlock.



▼ Locking, Unlocking with Door-Lock Knob

Operation from inside

(With door-lock switch)

To lock any door from the inside, press the door-lock knob.

To unlock, pull it outward.

This does not operate the other door locks.

(Without door-lock switch)

All doors and the liftgate lock automatically when the driver's door-lock knob is pressed. They all unlock when the driver's door-lock knob is pulled out.

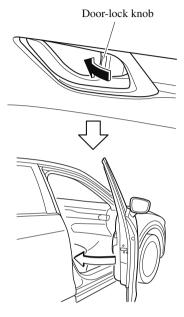
Unlocked: Red indicator



Operation from outside

To lock the rear and front passenger doors with the door-lock knob from the outside, press the door-lock knob to the lock position and close the door (holding the door handle in the open position is not required).

This does not operate the other door locks.



NOTE

When locking the door this way:

- · Be careful not to leave the key inside the vehicle.
- The driver's door lock knob cannot be used while the driver's door is open.

▼ Rear Door Child Safety Locks

These locks are intended to help prevent children from accidentally opening the rear doors. Use them on both rear doors whenever a child rides in the rear seat of the vehicle.

If you slide the child safety lock to the lock position before closing that door, the door cannot be opened from the inside. The door can only be opened by pulling the outside handle.



Doors and Locks

Liftgate

▲ WARNING

Never allow a person to ride in the luggage compartment:

Allowing a person to ride in the luggage compartment is dangerous. The person in the luggage compartment could be seriously injured or killed during sudden braking or a collision.

Do not drive with the liftgate open:

Exhaust gas in the cabin of a vehicle is dangerous. An open liftgate in a moving vehicle will cause exhaust gas to be drawn into the cabin. This gas contains CO (carbon monoxide), which is colourless, odourless, and highly poisonous, and it can cause loss of consciousness and death. Moreover, an open liftgate could cause occupants to fall out in an accident.

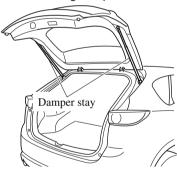
Do not stack or leave loaded luggage unsecured in the luggage compartment:

Otherwise, the luggage may move or collapse, resulting in injury or an accident. In addition, do not load luggage higher than the seatbacks. It may affect the side or rear field of view.

A CAUTION

Before opening the liftgate, remove any snow and ice accumulation on it. Otherwise, the liftgate could close under the weight of the snow and ice resulting in injury.

- ➤ Be careful when opening/closing the liftgate during strong winds. If a strong gust blows against the liftgate, it could close suddenly resulting in injury.
- Fully open the liftgate and make sure that it stays open. If the liftgate is only opened partially, it could slam shut by vibration or wind gusts resulting in injury.
- When loading or unloading luggage in the luggage compartment, turn off the engine. Otherwise, you could get burned by the heat of the exhaust gas.
- Be careful not to apply excessive force to the damper stay on the liftgate such as by putting your hand on the stay. Otherwise, the damper stay may bend and affect the liftgate operation.



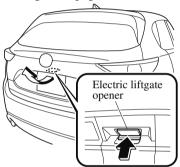
➤ Do not modify or replace the liftgate damper stay. Consult an expert repairer (we recommend an Authorised Mazda Repairer) if a liftgate damper stay is deformed or damaged for reasons such as a collision or if there is some other problem.

▼ Opening and Closing the Liftgate

Opening the liftgate with Electric liftgate opener

Unlock the doors and liftgate, then press the electric liftgate opener on the liftgate and raise the liftgate when the latch releases.

For the power liftgate operation, refer to Power Liftgate on page 3-20.



NOTE (With the advanced keyless function)

- · A locked liftgate can also be opened while the key is being carried.
- · When opening the liftgate with the doors and the liftgate locked, it may require a few seconds for the liftgate latch to release after the electric liftgate opener is pressed.
- The liftgate can be closed when the doors are locked with the key left in the vehicle. However, to prevent locking the key in the vehicle, the liftgate can be opened by pressing the electric liftgate opener. If the liftgate cannot be opened despite doing this procedure, first push the liftgate completely closed, then press the electric liftgate opener to fully open the liftgate.

· When the liftgate latch is released by pressing the electric liftgate opener, the liftgate raises slightly. If the liftgate is not operated for a certain period of time, the liftgate cannot be raised.

To open

Press the electric liftgate opener again.

To close

To close the liftgate from its slightly raised position, open it first by pressing the electric liftgate opener, then close it after waiting at least 1 second.

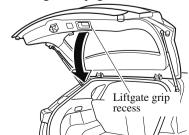
- If the liftgate is not fully closed, the driver is notified by a warning indicated in the instrument cluster.
- · If the vehicle lead-acid battery is dead or there is a malfunction in the electrical system and the liftgate cannot be unlocked, the liftgate can be opened by performing the emergency procedure. Refer to When Liftgate Cannot be Opened on page 7-72.

Closing the liftgate

Lower the liftgate slowly using the liftgate grip recess, then push the liftgate closed using both hands.

Do not slam it. Pull up on the liftgate to make sure it is secure.

For the power liftgate operation, refer to Power Liftgate on page 3-20.



Doors and Locks

NOTE

Confirm that the liftgate is securely closed. The liftgate, move it without pressing the electric liftgate opener to verify that the liftgate has not been left ajar.

▼ Power Liftgate*

The power liftgate opens/closes electrically by operating the switches in the vehicle or the buttons on the keyless entry system transmitter.

MARNING

Be sure to watch the power liftgate as it opens or closes, and make sure that it closes completely:

Opening or closing the power liftgate while not watching it move is dangerous.
Because of unseen obstacles and the jam-safe feature, a liftgate may not close completely and, if left unnoticed, could result in serious injury or death if an occupant were to fall out of the vehicle. Always be sure that the area around the liftgate is clear before activating it.

Always confirm the safety of the area around the power liftgate before operating it electrically.

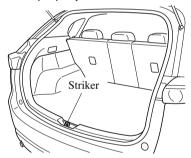
Not checking the area around the liftgate for people before operating it using the power liftgate switch or the button on the keyless entry system is dangerous. A person could become caught between the liftgate and an obstruction while it is opening electrically or between the liftgate and vehicle while it is closing electrically, resulting in an accident and serious injury.

Never allow children to operate the power liftgate system:

Allowing children to operate the power liftgate switch and the keyless entry system is dangerous. Children are not aware of the dangers of people getting fingers and hands caught in a moving liftgate. If someone's neck, head or hands get caught in a closing door, it could result in death or serious injury.

A CAUTION

➤ When closing the power liftgate, make sure there are no foreign objects around the striker. If foreign objects are obstructing the striker, the liftgate may not close properly.



- ➤ Do not install accessories to the power liftgate other than specified accessories. Otherwise, it cannot be opened/closed automatically and could result in a malfunction.
- ➤ Be careful when switching the power liftgate from electrical to manual operation. The power liftgate may open/close unexpectedly depending on its position which could result in injury.

NOTE

- Do not apply unnecessary force to the power liftgate when it is opening/closing electrically. Unnecessary force on the liftgate may cause it to reverse direction of movement automatically. Also, it could result in a malfunction.
- The power liftgate may not open/close electrically if the vehicle is parked on an incline, or there is strong wind, or the liftgate is laden with snow.
- · If a power liftgate system fuse has blown, the liftgate cannot be opened using the power liftgate switch or the electric liftgate opener. Use the emergency lever to open the liftgate.
- · Fully close the power liftgate before disconnecting the vehicle lead-acid battery. If the lead-acid battery is disconnected with the liftgate open, it cannot be opened or closed automatically after the lead-acid battery is reconnected. If this happens, fully close the liftgate manually to restore the auto full open/close function.
- If the liftgate is snow-laden, remove the snow before operating the power liftgate. Operating the power liftgate with excessive force applied to the liftgate may damage the liftgate.

Operation using the transmitter

Press the power liftgate button for one second or longer. The hazard warning lights flash twice and the liftgate opens/ closes after the beep sounds.

Refer to Transmitter on page 3-5.

NOTE

- When the ignition is switched ON, the transmitter does not operate.
- · When opening the liftgate by pressing the power liftgate button on the transmitter, the liftgate can be opened even when it is locked.
- · If the power liftgate button on the transmitter is pressed while the liftgate is opening/closing electrically, the beep is activated and the liftgate stops. When pressing the power liftgate button again, the liftgate moves in the reverse direction.

Operation using each switch

Operation conditions

Opening the liftgate

If the vehicle has satisfied all the following operation conditions, the power liftgate can be opened using the power function.

- · All doors and the liftgate are unlocked.
- The ignition is switched OFF, or the selector lever is in P with the ignition switched ON.

Closing the liftgate

• The ignition is switched OFF, or the selector lever is in P with the ignition switched ON.

NOTE

If the vehicle moves with the selector lever shifted to a position other than P while the liftgate is opening/closing electrically, the liftgate moves as follows:

While opening electrically

Doors and Locks

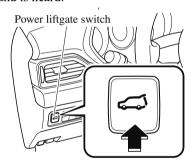
The buzzer is activated, and the liftgate moves in the reverse direction automatically and closes. When the selector lever is shifted to P, you can resume the power liftgate operation using the switches.

While closing electrically

The buzzer is activated, but the liftgate continues closing.

Operation from the driver's seat (To open/close)

Press the power liftgate switch for about one second or longer while the liftgate is in the fully closed/open position. The hazard warning lights flash twice and the liftgate opens/closes fully after the beep sound is heard.

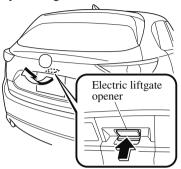


Operation from outside (To open)

Press the electric liftgate opener on the liftgate and raise the liftgate. The hazard warning lights flash twice and the liftgate opens automatically after the beep sound is heard.

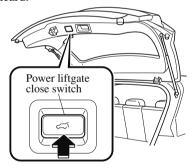
(With the advanced keyless function)

A locked liftgate can also be opened while the key is being carried.



Operation from outside (To close)

Press the power liftgate close switch while the liftgate is fully opened. The hazard warning lights flash twice and the liftgate closes automatically after the beep sound is heard.



NOTE

If the power liftgate switch/power liftgate close switch is pressed or the electric liftgate opener is operated while the liftgate is opening/closing electrically, the beep sound is heard and the liftgate stops. Then, it reverses when any of the switches are pressed again.

Hands-free liftgate*

When the hands-free liftgate sensor on the centre bottom of the rear bumper detects foot movement (kick-activated liftgate), the liftgate opens/closes automatically. The liftgate can be opened/closed even with both hands full, such as when carrying baggage.

Operation conditions

Do the kicking motion with your foot when all of the following conditions are met while the vehicle is stopped.

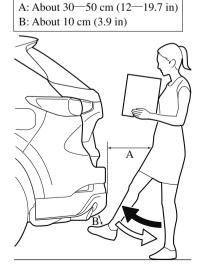
(When ignition is switched OFF)

- · You are carrying the transmitter.
- · The hands-free liftgate is on.

(When ignition is switched ON)

- · You are carrying the transmitter.
- \cdot The hands-free liftgate is on.
- The selector lever is in the P position.

How to do the kicking motion



- 1. Stand at the position about 30—50 cm (12—19.7 in) behind the centre of the rear bumper.
- 2. Move your foot to the position about 10 cm (3.9 in) from the centre bottom of the rear bumper.
- 3. Move your foot away from under the bumper within about 1 second after moving it under the bumper.

When the kicking motion is done correctly, the hazard warning lights flash 2 times, a beep sound is activated, and the liftgate opens/closes automatically. Be careful not to contact the liftgate.

If the kicking motion is done while the liftgate is opening/closing automatically, the liftgate will stop. If the kicking motion is done again, the liftgate moves in the direction opposite to the direction it was moving before it stopped.



- ➤ Do not do the kicking motion while wearing footwear such as sandals, or with your bare foot. If your foot contacts the hot exhaust pipe, it could cause serious burns.
- Do not do the kicking motion while the area where you are standing is unstable such as a slope or icy road. Otherwise, you could fall down, resulting in injury.
- Do not paint the rear bumper or install any add-on equipment to it. Otherwise, the hands-free liftgate sensor may not operate normally.

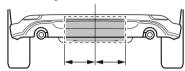
Doors and Locks

- If you are carrying the transmitter around the liftgate or there is another person around the liftgate who is carrying a transmitter, do not allow the following to occur. Otherwise, the hands-free liftgate sensor will operate and the liftgate may open/close unexpectedly resulting in an accident.
 - A person not carrying a transmitter does the kicking motion.
 - While the liftgate is open, a person sitting on the edge of the luggage compartment swings his or her legs.
 - ➤ Installing/removing the body cover or removing snow around the rear bumper.
 - Picking up something which was dropped under the rear bumper.
 - Spraying water on the rear bumper using a high water pressure car washer.
 - ➤ Pushing a shopping cart close to the rear bumper.
 - ➤ A moving object such as an animal or a ball approaches the rear bumper.

To prevent an unintended operation, place the transmitter outside of its operation range or turn off the hands-free liftgate using the Mazda Connect.

NOTE

• The hands-free liftgate sensor detects in a range of about 30 cm (12 in) on both the left and right sides from the centre of the rear bumper.



- The hands-free liftgate sensor may not operate normally under the following conditions.
 - · Your foot remains placed within the detection area.
 - · You move your foot left and right within the detection area.
 - The kicking motion is too fast or too slow.
 - · Your foot contacts the rear bumper when doing the kicking motion.
 - You are wearing shoes such as rubber boots which do not conduct electricity well.
 - There is equipment emitting strong radio waves near the vehicle.
 - The detection area of the hands-free liftgate sensor is dirty.
- · When the detection area of the hands-free liftgate sensor is dirty, wipe it off with a clean cloth. Place the transmitter outside of its operation range or wipe off the area around the sensor with a clean cloth after turning off the hands-free liftgate using the Mazda Connect.

· If the operation using the hands-free liftgate sensor is not possible even though the operation conditions are met, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Hands-free liftgate ON/OFF switching

The hands-free liftgate can be switched on/off.

To prevent an unintended operation, turn off the function.

Refer to Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

Changing the power liftgate fully open position

The power liftgate fully-open position can be changed according to the height of a garage.

When changing the position

- 1. Stop the liftgate at the desired position.
- 2. Press the power liftgate close switch for about three seconds.

A beep sound is activated two times to indicate that the position change has been completed.

NOTE

Set the desired fully-open position of the liftgate at the position where it is open more than halfway. The position where it is less than halfway open cannot be set.

To reset

- 1. Open the liftgate.
- 2. Press the power liftgate close switch for about seven seconds.

A beep sound is activated three times to indicated that the reset has been completed.

NOTE

After about 3 seconds have elapsed since the switch was pressed, a beep sound is activated 2 times to indicate that the liftgate fully-open position has changed. Continuously press the switch for about 7 seconds to complete the reset.

Jam-safe equipment

While the power liftgate is opening/ closing electrically and the system detects a person or an object in the liftgate's path, the liftgate will move in the reverse direction automatically and stops.



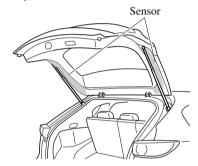
Always check the area around the power liftgate before opening/closing it:

Not checking for occupants and objects around the power liftgate before opening/closing it is dangerous. The jam-safe equipment is designed to prevent jamming in the event an obstruction is in the liftgate's path. The system may not detect certain objects obstructing the liftgate depending on the way they are positioned and their shape. However, if the jam-safe function detects an obstruction and moves the liftgate in the reverse direction, an occupant in the liftgate's path could be seriously injured.

Doors and Locks

A CAUTION

Sensors are installed on both ends of the power liftgate. Be careful not to allow the sensors to be scratched or damaged by sharp objects, otherwise the liftgate may no longer open/close automatically. In addition, if the sensor is damaged while the liftgate is closing automatically, the system will stop.



NOTE

The jam-safe equipment does not activate during easy closure operation when the power liftgate is between the near-shut position and fully closed position.

When the power liftgate is moving in the open/close direction and an obstruction is detected, the beep sound will be heard and the liftgate moves in the reverse direction and stops.

Liftgate easy closure

The Easy Closure system automatically closes the liftgate completely from the near-shut position.

This system also operates when the liftgate is closed manually.

▲ WARNING

When closing a liftgate, always keep hands and fingers away from the liftgate:

Placing hands or fingers around a liftgate is dangerous because the liftgate closes automatically from the near-shut position, which could cause hands and fingers to be pinched and injured.

NOTE

- If the electric liftgate opener is pressed while the easy closure function is operating, the liftgate can be opened.
- · If the liftgate is opened/closed repeatedly in a short period of time, the easy closure function may not operate. Wait for about 2 seconds and then try again.

▼ Luggage Compartment Cover*

Luggage Compartment Cover

Use the luggage compartment cover to conceal cargo or luggage. The luggage compartment cover can be stored under the luggage board.

▲ WARNING

Do not place anything on top of the luggage compartment cover:

Placing luggage or other cargo on top of the luggage compartment cover is dangerous. During sudden braking or a collision, the cargo could become a projectile that could hit and injure someone.

▲ CAUTION

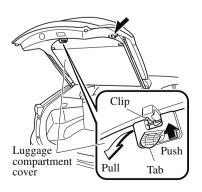
Make sure the luggage compartment cover is firmly secured. If it is not firmly secured, it could unexpectedly disengage resulting in injury.

NOTE

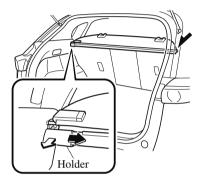
- If you attempt to open the liftgate under cold weather conditions with the luggage compartment cover attached, the damper function may not operate normally and the liftgate may be difficult to raise. The liftgate can be opened more easily under cold weather conditions if the luggage compartment cover is not attached.
- · When opening/closing the liftgate, the weight of the liftgate is different depending on whether the luggage compartment cover is used or not, however, this does not indicate a malfunction.

Removing the cover

1. Raise the luggage compartment cover by the tabs with both hands, detach it from the clips, and let it roll up.



- Compress either the left or right luggage compartment cover holder inwards
- Pull the luggage compartment cover rearward and remove it from the installation hole
- 4. Remove the luggage compartment cover from the vehicle at an angle.



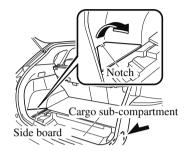
Storing the cover*

- 1. Remove the luggage compartment cover.
- 2. Lift up the luggage board.

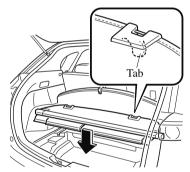


Doors and Locks

3. Remove the sideboards on both sides of the luggage compartment and store them in the cargo sub-compartment.



4. Store the luggage compartment cover with the tab facing downward.



5. Close the luggage board.

Installing the cover

Reverse the procedure for removal.

Fuel and Engine Exhaust Precautions

▼ Fuel Requirements (SKYACTIV-G 2.0, SKYACTIV-G 2.5, SKYACTIV-G 2.5T)

Vehicles with catalytic converters or oxygen sensors must use ONLY UNLEADED FUEL, which will reduce exhaust emissions and keep spark plug fouling to a minimum.

To achieve maximum engine performance, use the specified fuel.

Fuel	Research Octane Number	Country
Premium unleaded fuel (Conforming to EN 228 and within E10)*1	95 or above	Antigua, Armenia, Aruba, Azerbaijan, Barbados, Belarus, Bolivia, Botswana, Brunei, Georgia, Grenada, Guatemala, Honduras, Hong Kong, Jamaica, Kazakhstan, Lebanon, Lesotho, Libya, Macau, Madagascar, Mauritius, Mongolia, Namibia, New Caledonia, Nicaragua, Paraguay, Russia, Seychelles, Singapore, South Africa, St.Lucia, St.Martin, St.Vincent, Surinam, Swaziland, Tahiti, Taiwan, Tunisia, UAE, Ukraine, Uruguay, Vanuatu
	92 or above	Egypt, Myanmar
Regular unleaded fuel	90 or above	Angola, B.Virgin, Bahrain, Burundi, Cambodia, Cameroon, Chile, Colombia, Commonwealth of Dominica, Costa Rica, Curacao, Dominican Republic (LHD), Ecuador, El Salvador, Ethiopia, Fiji, Gabon, Ghana, Haiti, Indonesia, Ivory Coast, Jordan, Kenya, Kuwait, Laos, Marshall Islands, Mozambique, Nepal, Nigeria, Oman, Panama, Papua New Guinea, Peru, Qatar, Saudi Arabia, Senegal, Sri Lanka, Tanzania, The Philippines, Trinidad and Tobago, Ustt*2, Zimbabwe

^{*1} Europe

Fuel with a lower rating will negatively affect the emission control system performance and could also cause engine knocking and serious engine damage.



- > USE ONLY UNLEADED FUEL.
 - Leaded fuel is harmful to the catalytic converter and oxygen sensors and will lead to deterioration of the emission control system and or failures.
- ➤ The use of E10 fuel with 10 % ethanol in Europe is safe for your vehicle. Damage to your vehicle may occur when ethanol exceeds this recommendation.

^{*2} Republic of Palau & Federated States of Micronesia

Fuel and Emission

➤ Never add fuel system additives other than a Mazda genuine product, otherwise the emission control system could be damaged. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for details.

▼ Deposit Cleaner

To get the best performance out of our newest-technology SKYACTIV petrol engines, cleaning of deposits adhering to the fuel related system, such as fuel injectors, may be required by using a Mazda genuine deposit cleaner in the specified countries. Refer to Maintenance Table on page 6-4.



- ➤ According to the inspection result of scheduled maintenance, Mazda genuine deposit cleaner is to be used. Neglected deposits in the fuel system may cause malfunction indicator light coming on to indicate an engine malfunction, and if the vehicle continues to be driven under this condition, it could result in problems occurring such as idling failure and poor acceleration.
- ➤ The Mazda genuine deposit cleaner is not a guarantee of engine performance no matter the quality of the fuel used. When a problem occurs even though the specified fuel is used and the Mazda genuine deposit cleaner is used according to the instructions, consult an expert repairer (we recommend an Authorised Mazda Repairer).
- ➤ If a deposit cleaner other than the Mazda genuine product is used, it could result in damage to the fuel system or the engine internally; therefore use only the Mazda genuine product.

 Mazda genuine deposit cleaner: K002 W0 001A
- If cleaning required according to the inspection result of scheduled maintenance is not done with the Mazda genuine deposit cleaner, repair cost for engine malfunctions caused by deposits are borne by the customer.

How to use the cleaner

With the fuel tank full, infuse 1 bottle of Mazda genuine deposit cleaner directly into the fuel tank.

NOTE

• Infusing the deposit cleaner when the fuel tank is full provides the concentration of cleaner within the range effective for removing the deposits and the best cleaning results can be obtained by the full tank of fuel with the infused deposit cleaner contacting the deposits for a long period of time until the full tank of fuel is nearly used up.

▼ Fuel Requirements (SKYACTIV-D 2.2)

The vehicle will operate efficiently on diesel fuel with specification EN590 or the equivalent.

B7

▲ CAUTION

- ➤ Never use fuel other than specification EN590 or the equivalent for your vehicle. Use of petrol or paraffin in diesel engines will result in engine damage.
- ➤ Never add fuel system additives other than a Mazda genuine product, otherwise the emission control system could be damaged. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for details.

NOTE

When refuelling, always add at least 10 L (2.6 US gal, 2.2 Imp gal) of fuel.

▼ Emission Control System (SKYACTIV-G 2.0, SKYACTIV-G 2.5, SKYACTIV-G 2.5T)

This vehicle is equipped with an emission control system (the catalytic converter is part of this system) that enables the vehicle to comply with existing exhaust emissions requirements.



Never park over or near anything flammable:

Parking over or near anything flammable, such as dry grass, is dangerous. Even with the engine turned off, the exhaust system remains very hot after normal use and could ignite anything flammable. A resulting fire could cause serious injury or death.



Ignoring the following precautions could cause lead to accumulate on the catalyst inside the converter or cause the converter to get very hot. Either condition will damage the converter and cause poor performance.

- > USF ONLY UNI FADED FUEL.
- Do not drive your Mazda with any sign of engine malfunction.

Fuel and Emission

- Do not coast with the ignition switched off.
- Do not descend steep grades in gear with the ignition switched off.
- ➤ Do not operate the engine at high idle for more than 2 minutes.
- ➤ Do not tamper with the emission control system. All inspections and adjustments must be made by a qualified technician.
- > Do not push-start or tow-start this vehicle.

▼ Emission Control System (SKYACTIV-D 2.2)

This vehicle is equipped with an emission control system (the catalytic converter is part of this system) that enables the vehicle to comply with existing exhaust emissions requirements.



Never park over or near anything flammable:

Parking over or near anything flammable, such as dry grass, is dangerous. Even with the engine turned off, the exhaust system remains very hot after normal use and could ignite anything flammable. A resulting fire could cause serious injury or death.

▲ CAUTION

Ignoring the following precautions could cause lead to accumulate on the catalyst inside the converter or cause the converter to get very hot. Either condition will damage the converter and cause poor performance.

- Do not drive your Mazda with any sign of engine malfunction.
- > Do not coast with the ignition switched off.
- > Do not descend steep grades in gear with the ignition switched off.
- ➤ Do not operate the engine at high idle for more than 2 minutes.
- ➤ Do not tamper with the emission control system. All inspections and adjustments must be made by a qualified technician.
- > Do not push-start or pull-start this vehicle.

▼ Engine Exhaust (Carbon monoxide)



Do not drive your vehicle if you smell exhaust gas inside the vehicle:

Engine exhaust gas is dangerous. This gas contains carbon monoxide (CO), which is colourless, odourless, and poisonous. When inhaled, it can cause loss of consciousness and death. If you smell exhaust gas inside the vehicle, keep all windows fully open and contact an expert repairer (we recommend an Authorised Mazda Repairer) immediately.

Do not run the engine when inside an enclosed area:

Running the engine inside an enclosed area, such as a garage, is dangerous. Exhaust gas, which contains poisonous carbon monoxide, could easily enter the cabin. Loss of consciousness or even death could occur.

Open the windows or adjust the heating or cooling system to draw fresh air when idling the engine:

Exhaust gas is dangerous. When the vehicle is stopped with the windows closed and the engine running for a long time even in an open area, exhaust gas, which contains poisonous carbon monoxide, could enter the cabin. Loss of consciousness or even death could occur.

Clear snow from underneath and around your vehicle, particularly the tail pipe, before starting the engine:

Running the engine when a vehicle is stopped in deep snow is dangerous. The exhaust pipe could be blocked by the snow, allowing exhaust gas to enter the cabin. Because exhaust gas contains poisonous carbon monoxide, it could cause loss of consciousness or even death to occupants in the cabin.

Fuel and Emission

Fuel-Filler Flap and Cap

MARNING

When removing the fuel-filler cap, loosen the cap slightly and wait for any hissing to stop, then remove it:

Fuel spray is dangerous. Fuel can burn skin and eyes and cause illness if ingested. Fuel spray is released when there is pressure in the fuel tank and the fuel-filler cap is removed too quickly.

Before refuelling, stop the engine, and always keep sparks and flames away from the filler neck:

Fuel vapour is dangerous. It could be ignited by sparks or flames causing serious burns and injuries.

Additionally, use of the incorrect fuel-filler cap or not using a fuel-filler cap may result in a fuel leak, which could result in serious burns or death in an accident.

Do not continue refuelling after the fuel pump nozzle shuts off automatically:

Continuing to add fuel after the fuel pump nozzle has shut off automatically is dangerous because overfilling the fuel tank may cause fuel overflow or leakage. Fuel overflow and leakage could damage the vehicle and if the fuel ignites it could cause a fire and explosion resulting in serious injury or death.

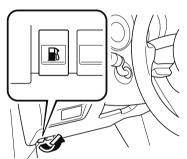
▲ CAUTION

Always use only a designated Mazda fuel-filler cap or an approved equivalent, available at an expert repairer (we recommend an Authorised Mazda Repairer). The wrong cap can result in a serious malfunction of the fuel and emission control systems.

▼ Refuelling

Before refuelling, close all the doors, windows, and the liftgate, and switch the ignition OFF.

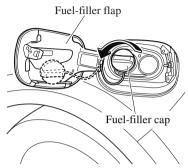
1. To open the fuel-filler flap, pull the remote fuel-filler flap release.



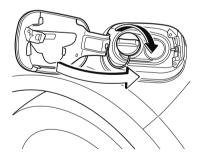
Remote fuel-filler flap release

2. To remove the fuel-filler cap, turn it anticlockwise.

3. Attach the removed cap to the inner side of the fuel-filler flap.



- 4. Insert the refuelling nozzle all the way and begin refuelling. Pull out the refuelling nozzle after the refuelling stops automatically.
- 5. To close the fuel-filler cap, turn it clockwise until a click is heard.
- 6. To close, press the fuel-filler flap until it locks securely.



Mirrors

Mirrors

Before driving, adjust the inside and outside mirrors.

▼ Outside Mirrors



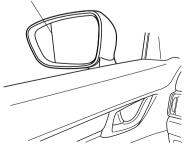
Be sure to look over your shoulder before changing lanes:

Changing lanes without taking into account the actual distance of the vehicle in the convex mirror is dangerous. You could have a serious accident. What you see in the convex mirror is closer than it appears.

NOTE (Driver's Side Wide Angle Mirror*)

• The wide angle mirror has 2 curvatures on its surface separated by a region line into outer and inner regions. The inner region is a standard convex mirror whereas the outer region allows for a wider range of visibility within the same sweep. This combination allows for better assurance when making lane changes.





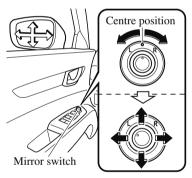
• The perceived distance of objects in the outer and inner regions of the wide angle mirror is different. Objects appearing in the outer region are actually further away than they are in the inner region.

Power mirror adjustment

The ignition must be switched to ACC or ON position.

To adjust:

- Rotate the mirror switch to the left L or right R to choose the left or right side mirror
- 2. Press the mirror switch in the appropriate direction.



After adjusting the mirror, lock the control by rotating the switch to the centre position.

Folding outside mirror

▲ WARNING

Always return the outside mirrors to the driving position before you start driving:

Driving with the outside mirrors folded in is dangerous. Your rear view will be restricted, and you could have an accident.



Do not touch a power folding outside mirror while it is moving:

Touching the power folding outside mirror when it is moving is dangerous. Your hand could be pinched and injured or the mirror could be damaged.

Use the switch to set the mirror to the on-road position:

Setting the power folding outside mirror to the on-road position by hand is dangerous. The mirror will not lock in position and will prevent effective rearview visibility.

Only operate the power folding outside mirror with the vehicle safely parked:

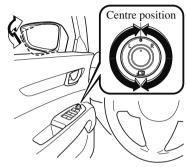
Operating the power folding outside mirror while the vehicle is moving is dangerous. Wind blast on the mirror will cause them to collapse and you will be unable to return it to the on-road position, preventing rearview visibility.

The ignition must be switched to ACC or ON position.

Type A

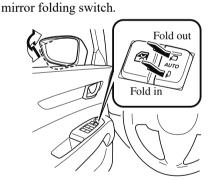
To fold, rotate the outside mirror switch.

To return the mirror to the driving position, rotate the switch to the centre position.



Type B

To fold the mirrors, press the ρ mark on the outside mirror folding switch. To return the mirrors to their on-road positions, press the ρ mark on the outside



Automatic folding function*

The automatic folding function operates when the ignition is switched to ACC or OFF.

When the outside mirror automatic folding switch is pressed to the AUTO position (neutral position), the outside mirrors automatically fold in and out when the doors are locked and unlocked.

Mirrors

Also, when the ignition is switched ON or the engine is started, the outside mirrors fold out automatically.

NOTE

The outside mirrors may not fold in and out automatically under cold weather conditions.

If the outside mirrors do not fold in and out automatically, remove any ice or snow, and then press the upper or lower side of the outside mirror automatic folding switch to fold the outside mirrors in or out.

Engine-off outside mirror operation*

The outside mirrors can be operated for about 40 seconds after the ignition is switched from ON to off.

▼ Rearview Mirror

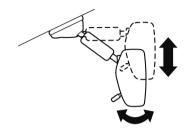
MARNING

Do not stack cargo or objects higher than the seatbacks:

Cargo stacked higher than the seatbacks is dangerous. It can block your view in the rearview mirror, which might cause you to hit another car when changing lanes.

Rearview mirror adjustment

Before driving, adjust the rearview mirror to centre on the scene through the rear window



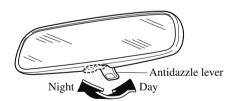
NOTE

For the manual antidazzle mirror, perform the adjustment with the antidazzle lever in the day position.

Reducing glare from headlights

Manual antidazzle mirror

Push the antidazzle lever forward for day driving. Pull it back to reduce glare of headlights from vehicles at the rear.



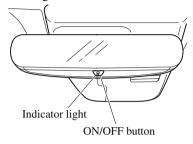
Auto-dimming mirror

The auto-dimming mirror automatically reduces the glare of headlights from vehicles at the rear when the ignition is switched ON.

(With ON/OFF button)

Press the ON/OFF button (b) to cancel the auto-dimming function. The indicator light will turn off.

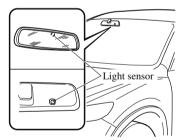
To reactivate the auto-dimming function, press the ON/OFF button (Φ). The indicator light will illuminate.



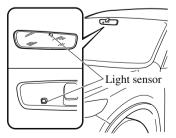
NOTE

 Do not use glass cleaner or suspend objects on or around the light sensor.
 Otherwise, light sensor sensitivity will be affected and may not operate normally.

Without ON/OFF button



With ON/OFF button



• The auto-dimming function is cancelled when the ignition is switched ON and the selector lever is in the R position.

Windows

Power Windows

The windows can be opened/closed by operating the power window switches.



Make sure the opening is clear before closing a window:

Closing a power window is dangerous. A person's hands, head, or even neck could be caught by the window and result in serious injury or even death. This warning applies especially to children.

Never allow children to play with power window switches:

Power window switches that are not locked with the power window lock switch would allow children to operate power windows unintentionally, which could result in serious injury if a child's hands, head or neck becomes caught by the window.

Make sure nothing blocks the window just before it reaches the fully closed position or while fully holding up the power window switch:

Blocking the power window just before it reaches the fully closed position or while fully holding up the power window switch is dangerous.

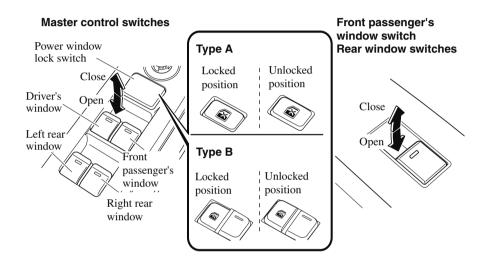
In this case, the jam-safe function cannot prevent the window from closing all the way. If fingers are caught, serious injuries could occur.

NOTE

When driving with only 1 of the rear windows open, your ears might experience a resonating sound. However, this does not indicate a problem. The sound can be reduced by slightly opening a front window or by changing the size of the rear window opening.

▼ Opening/Closing Windows

The window opens while the switch is pressed and it closes while the switch is pulled up with the ignition switched ON. Do not open or close 3 or more windows at the same time. The front passenger's side and rear windows can be opened/closed when the power window lock switch on the driver's door is in the unlock position. Keep this switch in the locked position while children are in the vehicle.



NOTE

- A power window may no longer open/close if you continue to press the switch after fully opening/closing the power window. If the power window does not open/close, wait a moment and then operate the switch again.
- The passenger windows may be opened or closed using the master control switches on the driver's door.
- The power window can be operated for about 40 seconds after the ignition is switched from ON to ACC or off with all doors closed. If any door is opened, the power window will stop operating.
 - For engine-off operation of the power window, the switch must be held up firmly throughout window closure because the auto-closing function will be inoperable.
- When the power window lock switch is in the locked position, the light on each power window switch, except for the driver's power window switch, turns off. The light may be difficult to see depending on the surrounding brightness.

Windows

▼ Auto-opening/Closing

To fully open the window automatically, press the switch completely down, then release. The window will fully open automatically.

To fully close the window automatically, pull the switch completely up, then release. The window will fully close automatically.

To stop the window partway, pull or press the switch in the opposite direction and then release it.

NOTE

Power window system initialization procedure

If the lead-acid battery was disconnected during vehicle maintenance, or for other reasons (such as a switch continues to be operated after the window is fully open/closed), the window will not fully open and close automatically.

The power window auto function will only resume on a power window that has been reset.

- 1. Switch the ignition ON.
- Make sure that the power window lock switch located on the driver's door is not depressed.
- 3. Press the switch and fully open the window.
- 4. Pull up the switch to fully close the window and continue holding the switch for about 2 seconds after the window fully closed.
- Make sure that the power windows operate correctly using the door switches.

▼ Jam-safe Window

If foreign matter is detected between the window and the window frame while the window is closing automatically (refer to Auto-opening/Closing on page 3-42), the window stops closing and automatically opens partway.

NOTE

- The jam-safe function may operate under the following conditions:
 - · A strong impact is detected while the window is closing automatically.
 - · Window is closing automatically in very low temperatures.
- In the event the jam-safe function activates and the power window cannot be closed automatically, pull and hold the switch and the window will close.
- The jam-safe window function does not operate until the system has been reset.

Sunroof*

The sunroof can be opened or closed when operating the overhead tilt/slide switch at the front seats.



Do not let passengers stand up or extend part of the body through the open sunroof while the vehicle is moving:

Extending the head, arms, or other parts of the body through the sunroof is dangerous. The head or arms could hit something while the vehicle is moving. This could cause serious injury or death.

Never allow children to play with the tilt/ slide switch:

The tilt/slide switch would allow children to operate the sunroof unintentionally, which could result in serious injury if a child's hands, head or neck becomes caught by the sunroof.

Make sure the opening is clear before closing the sunroof:

A closing sunroof is dangerous. The hands, head, or even neck of a person, especially a child, could be caught in it as it closes, causing serious injury or even death.

Make sure nothing blocks the sunroof just before it reaches the fully closed position:

Blocking the sunroof just before it reaches the closed position is dangerous. In this case, the jam-safe function cannot prevent the sunroof from closing. If fingers are caught, serious injuries could occur.

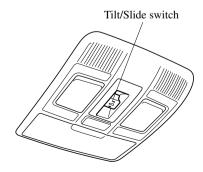
A CAUTION

- Do not sit on or put heavy items on the area where the sunroof opens and closes. Otherwise, the sunroof could be damaged.
- Do not open or close the sunroof forcefully during freezing temperatures or snowfall. Otherwise, the sunroof could be damaged.
- ➤ The sunshade does not tilt. To avoid damaging the sunshade, do not push it up.
- Do not close the sunshade while the sunroof is opening. Trying to force the sunshade closed could damage it.

▼ Tilt/Slide Operation

The sunroof can be opened or closed electrically only when the ignition is switched ON.

- Before leaving the vehicle or washing your Mazda, make sure the sunroof is completely closed so that water does not get inside the cabin area.
- After washing your Mazda or after it rains, wipe the water off the sunroof before operating it to avoid water penetration which could cause rust and water damage to your headliner.



Windows

Tilt Operation

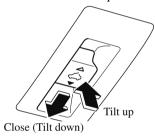
The rear of the sunroof can be tilted open to provide more ventilation.

To fully tilt automatically, momentarily press the tilt/slide switch.

To fully close automatically, momentarily press the tilt/slide switch in the forward direction.

To stop tilting partway, press the tilt/slide switch.

When the sunroof is already slid open and you want to tilt it open, first close the sunroof and then do a tilt operation.



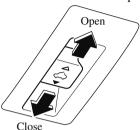
Slide Operation

To fully open automatically, momentarily press the tilt/slide switch in the backward direction.

To fully close automatically, momentarily press the tilt/slide switch in the forward direction.

To stop sliding partway, press the tilt/slide switch.

When the sunroof is already tilted open and you want to slide it open, first close the sunroof and then do a slide operation.



NOTE

If the sunroof does not operate normally, do the following procedure:

- 1. Switch the ignition ON.
- 2. Press the tilt switch, to partially tilt open the rear of the sunroof.
- 3. Repeat Step 2. The rear of the sunroof tilts open to the fully open position, then closes a little.

If the reset procedure is performed while the sunroof is in the slide position (partially open) it will close before the rear tilt opens.

▼ Jam-safe Sunroof

If a person's hands, head or an object blocks the sunroof while it is closing, the sunroof will stop and move in the open direction.

NOTE

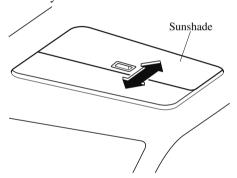
- The jam-safe function may operate under the following conditions:
 - A strong impact is detected while the sunroof is closing automatically.
 - The sunroof is closing automatically during very low temperatures.

- · In the event the jam-safe function activates and the sunroof cannot be closed automatically, press the tilt/slide switch and the sunroof will close.
- The jam-safe sunroof function does not operate until the system has been reset.

▼ Sunshade

The sunshade can be opened and closed by hand.

The sunshade opens at the same time as the sunroof slides open, but it must be closed by hand.



Security System

Modification and Add-On Equipment

Mazda cannot guarantee the immobilizer and the theft-deterrent systems' operation if the system has been modified or if any add-on equipment has been installed.



To avoid damage to the vehicle, do not modify the system or install any add-on equipment to the immobilizer and the theft-deterrent systems or the vehicle.

Immobilizer System

The immobilizer system allows the engine to start only with a key the system recognises.

If someone attempts to start the engine with an unrecognised key, the engine will not start, thereby helping to prevent vehicle theft.

If you have a problem with the immobilizer system or the key, consult an expert repairer (we recommend an Authorised Mazda Repairer).



- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- > To avoid damage to the key, do not:
 - ➤ Drop the key.
 - Get the key wet.
 - Expose the key to any kind of magnetic field
 - ➤ Expose the key to high temperatures on places such as the instrument panel or bonnet, under direct sunlight.
- ➤ If the engine does not start with the correct key, and the security indicator light keeps illuminating or flashing, the system may have a malfunction. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

- The keys carry a unique electronic code. For this reason, and to assure your safety, obtaining a replacement key requires some waiting time. They are only available through an expert repairer (we recommend an Authorised Mazda Repairer).
- · Always keep a spare key in case one is lost. If a key is lost, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
- If you lose a key, an expert repairer (we recommend an Authorised Mazda Repairer), will reset the electronic codes of your remaining keys and immobilizer system. Bring all the remaining keys to the expert repairer (we recommend an Authorised Mazda Repairer) to reset. Starting the vehicle with a key that has not been reset is not possible.

▼ Operation

NOTE

- The engine may not start and security indicator light may illuminate or flash if the key is placed in an area where it is difficult for the system to detect the signal, such as on the instrument panel or in the glove compartment. Move the key to a location within the signal range, switch the ignition off, and then restart the engine.
- · Signals from a TV or radio station, or from a transceiver or mobile telephone could interfere with your immobilizer system. If you are using the proper key and the engine fails to start, check the security indicator light.

Arming

The system is armed when the ignition is switched from ON to off.

The security indicator light in the instrument cluster flashes every 2 seconds until the system is disarmed.



Disarming

The system is disarmed when the ignition is switched ON with the correct programmed key. The security indicator light illuminates for about 3 seconds and then turns off. If the engine does not start with the correct key, and the security indicator light remains illuminated or flashing, try the following:

Make sure the key is within the operational range for signal transmission. Switch the ignition off, and then restart the engine. If the engine does not start after 3 or more tries, contact an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

If the security indicator light flashes continuously while you are driving, do not shut off the engine. Go to an expert repairer (we recommend an Authorised Mazda Repairer), and have it checked. If the engine is shut off while the indicator light is flashing, you will not be able to restart it.

Security System

· Because the electronic codes are reset when the immobilizer system is repaired, the keys are needed. Make sure to bring all the keys to an expert repairer (we recommend an Authorised Mazda Repairer), so that they can be programmed.

Theft-Deterrent System*

If the theft-deterrent system detects an inappropriate entry into the vehicle or the intrusion sensor detects movement in the vehicle which could result in the vehicle (with the intrusion sensor) or its contents being stolen, the alarm alerts the surrounding area of an abnormality by sounding the siren/horn and flashing the hazard warning lights.

The system will not function unless it's properly armed. So when you leave the vehicle, follow the arming procedure correctly.

Intrusion sensor*

The intrusion sensor uses ultrasonic waves to detect movement inside the vehicle and to raise an alert of an intrusion into the vehicle

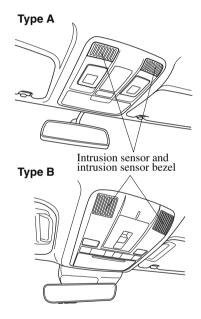
The intrusion sensor detects certain kinds of movement inside the vehicle, however, it may also respond to phenomenon outside the vehicle such as vibrations, loud noise, wind, and air currents.



In order for the intrusion sensor to operate appropriately, be aware of the following:

- Do not hang clothing or objects from a head restraint or a coat hook.
- Return the extension sunvisors to their original positions.
- Do not blind the intrusion sensor by covering it or placing objects over it.
- ➤ Do not allow the intrusion sensor to get soiled or wipe it with a liquid.

- Do not shock or cause an impact to the intrusion sensor or the intrusion sensor hezel
- ➤ Do not install seats that are not Mazda genuine products.
- ➤ To prevent obstruction of intrusion sensor, do not place objects or cargo near the intrusion sensor that are higher than the head restraints.



▼ Operation

Siren/Horn triggering conditions

The siren/horn sounds intermittently and the hazard warning lights flash for about 30 seconds when the system is triggered by any one of the following:

- Unlocking a door with the auxiliary key or an inside door-lock knob.
- Forcing open a door, the bonnet or the liftgate.

- Opening the bonnet by operating the bonnet release handle.
- Switching the ignition ON without using the push button start.
- · (With the intrusion sensor)

The intrusion sensor detects a movement in the vehicle.

The system will be triggered again (up to 10 times) if one of the above conditions remains.

(With the intrusion sensor)
 Disconnecting the lead-acid battery terminal (the hazard warning lights do not flash).

The system will be triggered about 10 times.

NOTE

- The liftgate does not open while the theft-deterrent system is operating.
- · For vehicles equipped with the power liftgate, the liftgate can be opened even while the theft-deterrent system is operating by pressing the power liftgate button on the transmitter or the electric liftgate opener switch while carrying the key.
- · If the lead-acid battery goes dead while the theft-deterrent system is armed, the siren/horn will activate and the hazard warning lights will flash when the lead-acid battery is charged or replaced.

Security System

▼ How to Arm the System

 Close the windows and the sunroof* securely.

NOTE

(With the intrusion sensor)

Even with a window or the sunroof* open, the system can be armed, however, leaving the windows or the sunroof* even partially open can invite theft, and wind blowing into the vehicle could trigger the alarm. The intrusion sensor function can also be cancelled.

Refer to Cancelling the Intrusion Sensor (With Intrusion Sensor) on page 3-51.

- 2. Switch the ignition OFF.
- 3. Make sure the bonnet, the doors, and the liftgate are closed.
- 4. Press the lock button on the transmitter or lock the driver's door from the outside with the auxiliary key.

 The hazard warning lights will flash once

(With the advanced keyless function) Press a request switch.

The security indicator light in the instrument cluster flashes twice per second for 20 seconds.



5. After 20 seconds, the system is fully armed.

NOTE

- The theft-deterrent system can also be armed by activating the auto relock function with all the doors, the liftgate and the bonnet closed. Refer to Transmitter on page 3-5.
- The system will disarm if one of the following operations takes place within 20 seconds after pressing the lock button:
 - · Unlocking any door.
 - · Opening any door.
 - · Opening the bonnet.
 - · Switching the ignition ON.

To rearm the system, do the arming procedure again.

When the doors are locked by pressing the lock button on the transmitter or using the auxiliary key while the theft-deterrent system is armed, the hazard warning lights will flash once to indicate that the system is armed.

▼ Cancelling the Intrusion Sensor (With Intrusion Sensor)

If the theft deterrent system has been armed while any of the following conditions are present, cancel the intrusion sensor to prevent the alarm from triggering unnecessarily.

- Leaving the vehicle with a movable object, passengers or pets remaining inside.
- Leaving an object inside the vehicle that can roll around, such as when the vehicle is placed on a tilting, unstable surface when being shipped.
- Hanging small objects/accessories in the vehicle, hanging clothing on a coat hook, or placing other items which can move easily inside the vehicle.
- Parking in an area where there is strong vibration or loud noise.
- · When using a high pressure or automatic car wash.
- Continuous shock and vibration from hail or thunder and lightning is transmitted to the vehicle.
- · Doors are locked with a window or the sunroof* left open.
- An accessory heater or device that produces moving air and vibration operates while the theft deterrent system is armed.

NOTE

If any door or the liftgate remains closed for 30 seconds, all the doors and the liftgate automatically re-lock and the theft deterrent system arms even if a window and the sunroof* is left open.

To cancel the intrusion sensor, press the intrusion sensor cancel button on the transmitter within 20 seconds after pressing the lock button.

The hazard warning lights will flash 3 times.

NOTE

- To reactivate the intrusion sensor, turn off the armed theft-deterrent system and then rearm it.
- The intrusion sensor is operational when the theft-deterrent system is armed. To cancel the intrusion sensor, press the intrusion sensor cancel button each time the theft-deterrent system is armed.

▼ To Turn Off an Armed System

An armed system can be turned off using any one of the following methods:

- Pressing the unlock button on the transmitter.
- · Starting the engine with the push button start.
- · (With the advanced keyless function)
 - Pressing a request switch on the doors.

The hazard warning lights will flash twice.

Security System

NOTE

When the doors are unlocked by pressing the unlock button on the transmitter while the theft-deterrent system is turned off, the hazard warning lights will flash twice to indicate that the system is turned off.

▼ To Stop the Alarm

A triggered alarm can be turned off using any one of the following methods:

- Pressing the unlock button on the transmitter.
- Starting the engine with the push button start.
- · (With the advanced keyless function)
 - · Pressing a request switch on the doors.
 - Pressing the electric liftgate opener while the key is being carried.
 - Pressing the power liftgate button on the transmitter.

The hazard warning lights will flash twice.

Running-In

No special running-in is necessary, but a few precautions in the first 1,000 km (600 miles) may add to the performance, economy, and life of the vehicle.

- · Do not race the engine.
- Do not maintain one constant speed, either slow or fast, for a long period of time.
- Do not drive constantly at full-throttle or high engine rpm for extended periods of time
- · Avoid unnecessary hard stops.
- · Avoid full-throttle starts.
- · Do not tow a trailer

Saving Fuel and Protection of the Environment

How you operate your Mazda determines how far it will travel on a tank of fuel. Use these suggestions to help save fuel and reduce CO₂.

- Avoid long warm-ups. Once the engine runs smoothly, begin driving.
- · Avoid fast starts.
- · Drive at lower speeds.
- · Anticipate when to apply the brakes (avoid sudden braking).
- Follow the maintenance schedule (page 6-3) and have an expert repairer (we recommend an Authorised Mazda Repairer) perform inspections and servicing.
- Use the air conditioner only when necessary.
- · Slow down on rough roads.
- · Keep the tyres properly inflated.
- · Do not carry unnecessary weight.
- Do not rest your foot on the brake pedal while driving.
- · Keep the wheels in correct alignment.
- · Keep windows closed at high speeds.
- Slow down when driving in crosswinds and headwinds.

▲ WARNING

Never stop the engine when going down a hill:

Stopping the engine when going down a hill is dangerous. This causes the loss of power steering and power brake control, and may cause damage to the drivetrain. Any loss of steering or braking control could cause an accident.

Driving Tips

Hazardous Driving

MARNING

Be extremely careful if it is necessary to downshift on slippery surfaces:

Downshifting into lower gear while driving on slippery surfaces is dangerous. The sudden change in tyre speed could cause the tyres to skid. This could lead to loss of vehicle control and an accident.

Avoid sharp turns, excessive speed and abrupt manoeuvres when driving this vehicle:

Sharp turns, excessive speed and abrupt manoeuvring of this vehicle are dangerous as it could result in the increased risk of loss of vehicle control, vehicle roll-over, personal injury or death.

This vehicle has a higher centre of gravity. Vehicles with a higher centre of gravity such as utility vehicles handle differently than vehicles with a lower centre of gravity. Utility vehicles are not designed for cornering at high speeds any more than low profile sports cars are designed to perform satisfactorily under off-road conditions.

In addition, utility vehicles have a significantly higher rollover rate than other types of vehicles.

In a rollover crash, an unbelted person is significantly more likely to die than a person wearing a seat belt.

When driving on ice or in water, snow, mud, sand, or similar hazards:

- Be cautious and allow extra distance for braking.
- · Avoid sudden braking and sudden manoeuvring.
- Do not pump the brakes. Continue to press down on the brake pedal.
 Refer to Antilock Brake System (ABS) on page 4-115.
- If you get stuck, select a lower gear and accelerate slowly. Do not spin the front wheels.
- For more traction in starting on slippery surfaces such as ice or packed snow, use sand, rock salt, chains, carpeting, or other nonslip material under the front wheels.

NOTE

Use snow chains only on the front wheels.

Floor Mat

We recommend the use of Genuine Mazda floor mats.



Make sure the floor mats are secured with the grommets or the retainers to prevent them from bunching up under the foot pedals (Driver's side):

Using a floor mat that is not secured is dangerous as it will interfere with the accelerator and brake pedal operation (driver's side), which could result in an accident.

Only use a floor mat which conforms to the shape of the floor on the driver's side and make sure it is oriented correctly.
Secure the floor mat using the grommets or retainers.

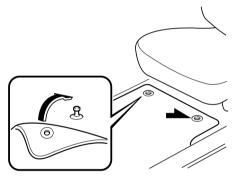
There are various ways to secure floor mats depending on the type used, therefore secure the mat according to the type. After installing the floor mat, make sure that it does not slide from side to side or back and forth, and that there is sufficient clearance with the accelerator and brake pedals on the driver's side.

After removing the floor mat for cleaning or some other reason, always securely reinstall it while paying attention to the precautions just mentioned.

Do not install two floor mats, one on top of the other, on the driver's side:

Installing two floor mats, one on top of the other, on the driver's side is dangerous as the retention pins can only keep one floor mat from sliding forward.

Loose floor mat(s) will interfere with the foot pedals and could result in an accident. If using an all-weather mat for winter use always remove the original floor mat.



When setting a floor mat, position the floor mat so that its grommets or retainers are inserted over the pointed end of the retention posts.

Driving Tips

Rocking the Vehicle



Do not spin the wheels at high speed, and do not allow anyone to stand behind a wheel when pushing the vehicle:

When the vehicle is stuck, spinning the wheels at high speed is dangerous. The spinning tyre could overheat and explode. This could cause serious injuries.



Too much rocking may cause engine overheating, transaxle failure, and tyre damage.

If you must rock the vehicle to free it from snow, sand or mud, depress the accelerator slightly and slowly move the selector lever from D to R position.

Winter Driving

Carry emergency gear, including tyre chains, window scraper, flares, a small shovel, jumper leads, and a small bag of sand or salt.

Ask an expert repairer (we recommend an Authorised Mazda Repairer) to check the following:

- Have the proper ratio of antifreeze in the radiator.
- Refer to Engine Coolant on page 6-29.
- Inspect the lead-acid battery and its leads. Cold reduces lead-acid battery capacity.
- Use an engine oil appropriate for the lowest ambient temperatures that the vehicle will be driven in (page 6-24).
- Inspect the ignition system for damage and loose connections.
- Use washer fluid made with antifreeze—but do not use engine coolant antifreeze for washer fluid (page 6-32).

- Remove snow before driving. Snow left on the windscreen is dangerous as it could obstruct vision.
- Do not apply excessive force to a window scraper when removing ice or frozen snow on the mirror glass and windscreen.
- Never use warm or hot water for removing snow or ice from windows and mirrors as it could result in the glass cracking.

Drive slowly. Braking performance can be adversely affected if snow or ice adheres to the brake components. If this situation occurs, drive the vehicle slowly, releasing the accelerator pedal and lightly applying the brakes several times until the brake performance returns to normal.

▼ Snow Tyres

▲ WARNING

Use only the same size and type tyres (snow, radial, or non-radial) on all 4 wheels:

Using tyres different in size or type is dangerous. Your vehicle's handling could be greatly affected and result in an accident



Check local regulations before using studded tyres.

NOTE

If your vehicle is equipped with the tyre pressure monitoring system, the system may not function correctly when using tyres with steel wire reinforcement in the sidewalls (page 4-321).

Use snow tyres on all 4 wheels

Do not exceed the maximum permissible speed for your snow tyres or legal speed limits.

Europe

When snow tyres are used, select the specified size and pressure (page 9-14).

▼ Tyre Chains

Check local regulations before using tyre chains.



- > Chains may affect handling.
- ➤ Do not go faster than 50 km/h (30 mph) or the chain manufacturer's recommended limit, whichever is lower.
- Drive carefully and avoid bumps, holes, and sharp turns.
- > Avoid locked-wheel braking.
- ➤ Do not use chains on a temporary spare tyre; it may result in damage to the vehicle and to the tyre. In some models, the vehicle is not equipped with a factory installed temporary spare tyre.
- ➤ Do not use chains on roads that are free of snow or ice. The tyres and chains could be damaged.
- Chains may scratch or chip aluminium wheels.

NOTE

If your vehicle is equipped with the tyre pressure monitoring system, the system may not function correctly when using tyre chains.

Install the chains on the front tyres only. Do not use chains on the rear tyres.

Driving Tips

Tyre chain selection (Europe)

Mazda recommends hexagon type steel ring chains. Select the proper type according to your tyre size.



Tyre size	Tyre chain
225/65R17	Hexagon type
225/55R19	Hexagon type

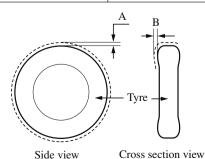
NOTE

Although Mazda recommends hexagon type steel ring chains, all chains within the installation specifications may be used.

Installation specification (Europe)

When installing tyre chains, the distance between the tyre tread and the chain must be within the prescribed limits in the following table.

Distance [Unit: mm (in)]		
A	В	
MAX 13 (0.51)	MAX 13 (0.51)	



Installing the chains

- Secure the chains on the front tyres as tightly as possible. Always follow the chain manufacturer's instructions.
- 2. Retighten the chains after driving 1/2—1 km (1/4—1/2 mile).

Driving In Flooded Area



Dry off brakes that have become wet by driving slowly, releasing the accelerator pedal and lightly applying the brakes several times until the brake performance returns to normal:

Driving with wet brakes is dangerous. Increased stopping distance or the vehicle pulling to one side when braking could result in a serious accident. Light braking will indicate whether the brakes have been affected.

▲ CAUTION

Do not drive the vehicle on flooded roads as it could cause short circuiting of electrical/electronic parts, or engine damage or stalling from water absorption. If the vehicle has been immersed in water, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Driving Tips

Turbocharger Information (SKYACTIV-G 2.5T, SKYACTIV-D 2.2)

▲ CAUTION

- After driving at freeway speeds or up a long hill, trailer towing for a long time, idle the engine at least 30 seconds before stopping it. Otherwise, the turbocharger could be damaged. However, when i-stop operates, idling is unnecessary.
- ➤ Racing or over-revving the engine, particularly after it's just been started, can damage the turbocharger.
- ➤ To protect the engine from damage, the engine is designed so that it cannot be raced just after starting it in extremely cold weather.

The turbocharger greatly enhances engine power. Its advanced design provides improved operation and requires minimum maintenance.

To get the most from it, observe the following.

- 1. Change engine oil and filter according to Scheduled Maintenance (page 6-3).
- 2. Use only recommended engine oil (page 6-24). Extra additives are NOT recommended.

Towing Caravans and Trailers (Russia/South Africa)

Your Mazda was designed and built primarily to carry passengers and cargo.

If you tow a trailer, follow these instructions because driver and passenger safety depends on proper equipment and safe driving habits. Towing a trailer will affect handling, braking, durability, performance, and economy.

Never overload vehicle or trailer. Consult an expert repairer (we recommend an Authorised Mazda Repairer) if you need further details.



➤ Do not tow a trailer during the first 1,000 km (600 miles) of your new Mazda. If you do, you may damage the engine, transaxle, differential, wheel bearings, and other power train components.

▼ Weight Limits

The total trailer weight, gross combination weight and trailer nose weight must be within the prescribed limits in the Trailer Towing-Load Table.

TOTAL TRAILER WEIGHT:



Sum of weights of the trailer and its load.

GROSS COMBINATION WEIGHT:



Sum of total trailer weight and towing vehicle weight; including trailer hitch, vehicle passengers, and vehicle load.

TRAILER NOSE WEIGHT:



The weight exerted on the trailer tongue. It is varied by changing the weight distribution when loading the trailer.

Towing



Be aware of the towing load weight differences when towing at high altitudes. For altitudes exceeding 1,000 meter (3,280 ft 10 in), always reduce the towing load by 10% for every 1,000 meter (3,280 ft 10 in) increase in altitude from the load indicated under the gross combination weight heading in the maximum trailer towing-load table. If the determined maximum total towing load weight is exceeded, the engine and other power train parts may be damaged.

Maximum trailer towing-load table

Russia/Gradient up to 12%

MODE	MODEL		TOTAL TRAILER WEIGHT	
Engine	Drive sys- tem	Trailer without brake	Trailer with brake	Trailer with brake
SKYACTIV-G 2.0	FWD	750 kg (1,653.4 lb)	1,800 kg (3,968.2 lb)	3,850 kg (8,487.7 lb)
SKYACTIV-G 2.0	AWD	750 kg (1,653.4 lb)	1,800 kg (3,968.2 lb)	3,925 kg (8,653.0 lb)
SKYACTIV-G 2.5	AWD	750 kg (1,653.4 lb)	1,800 kg (3,968.2 lb)	3,940 kg (8,686.1 lb)

TRAILER NOSE WEIGHT: 84 kg (185.1 lb) **South Africa/Gradient up to 12%**

MODE	L	TOTAL TRAILER WEIGHT		GROSS COMBINATION WEIGHT
Engine	Drive sys- tem	Trailer without brake	Trailer with brake	Trailer with brake
SKYACTIV-G 2.0	FWD	750 kg (1,653.4 lb)	1,000 kg (2,204.6 lb)	3,065 kg (6,757.0 lb)
SKYACTIV-G 2.5	AWD	750 kg (1,653.4 lb)	1,500 kg (3,306.9 lb)	3,640 kg (8,024.7 lb)
SKYACTIV-D 2.2	AWD	750 kg (1,653.4 lb)	1,600 kg (3,527.3 lb)	3,743 kg (8,251.8 lb)

TRAILER NOSE WEIGHT: 84 kg (185.1 lb)



Always keep tow loads within specified limits as indicated in the Trailer Towing-Load Table: Attempting to tow loads greater than those specified is dangerous as it may cause serious handling and performance problems that could result in personal injury or vehicle damage, or both.

Always keep the trailer nose weight within the specified limits in the Trailer Towing-Load Table:

Loading the trailer with more weight in the rear than in the front is dangerous. This could cause loss of vehicle control and an accident.

- The total trailer weight and nose weight can be determined by weighing the trailer on platform scales at a highway weighing station or a trucking company.
- \cdot Appropriate total trailer weight and nose weight may prevent the danger of trailer sway from crosswinds, rough roads, or other causes.

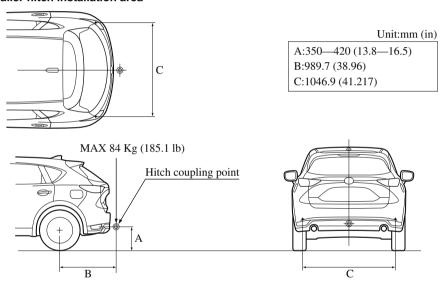
Towing

▼ Trailer Hitch

When towing a trailer, use an appropriate trailer hitch. We recommend using a genuine Mazda trailer hitch. Use the original holes drilled by the vehicle manufacturer for securing the trailer hitch. Contact your expert repairer (we recommend an Authorised Mazda Repairer), for more information.

Do not install a trailer hitch that is not easy to remove or reposition if there is the possibility that a part of the trailer hitch partially obscures the lighting system and/or rear number plate. If a trailer hitch that is easy to remove or reposition is installed, make sure to remove or reposition it when it is not in use.

Trailer hitch installation area



▼ Tyres

When towing a trailer, make sure that the tyre pressures of the rear tyres are at 20 kPa (0.2 bar, 2.9 psi) higher than the recommended maximum tyre pressures indicated on the tyre pressure chart on the driver's door frame.

Trailer tyre size, load rating, and inflation pressures should conform to tyre manufacturer specifications.



Never use the temporary spare tyre when towing:

Using the temporary spare tyre on your vehicle when towing a trailer is dangerous as it could result in tyre failure, loss of control, and injury to vehicle occupants.

▼ Safety Chains

Safety chains must be used as a precautionary measure should the trailer become unintentionally unhitched. They should cross under the trailer tongue and attach to the hitch. Leave enough slack to allow full turns. Consult literature published by your trailer or hitch manufacturer for more details.



Make sure the safety chain is securely attached to both the trailer and the vehicle prior to departure:

Towing a trailer without using a safety chain securely attached to both the trailer and the vehicle is dangerous. If damage occurs to the coupling unit or hitch ball, the trailer could wander into another lane and cause a collision.

▼ Trailer Lights



Do not connect a trailer lighting system directly to the lighting system of your Mazda. This may damage your vehicle's electrical system and lighting systems. To connect the lighting system, consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Trailer Brakes

Check the Maximum trailer towing-load table in Weight Limits (page 3-61), and if your trailer weight exceeds the value in the TOTAL TRAILER WEIGHT (Trailer without brake), trailer brakes are required.

If your trailer has brakes, make sure they meet regulations.

Towing

⚠ WARNING

Do not connect a hydraulic trailer-brake system to your vehicle's brake system:

Connecting a hydraulic trailer-brake system directly to the vehicle brake system is dangerous and will result in inadequate braking and possible injury.

▼ Trailer Towing Tips

Before driving

- · Verify that your Mazda maintains a near-normal attitude when a loaded or unloaded trailer is connected. Do not drive if it has an abnormal front-up or front-down position. Inspect for incorrect nose weight, worn suspension parts, and trailer overloading. Have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).
- · Make sure the trailer cargo is secure to prevent it from shifting.
- · Make sure the mirrors meet all government regulations. Inspect them.
- Before starting out, inspect the operation of all vehicle and trailer lights and all vehicle-to-trailer connections. Stop and re-inspect all lights and connections after driving a short distance

Driving

- · Your Mazda will handle differently with a trailer in tow, so practice turning, backing, and stopping in a traffic-free area.
- $\boldsymbol{\cdot}$ Take time to get accustomed to the extra weight and length.
- Do not exceed 100 km/h (62 mph) with a trailer in tow. If the local legal maximum speed with a trailer in tow is less than 100 km/h (62 mph), do not exceed the legal speed.



If the vehicle exceeds $100 \, \text{km/h}$ (62 mph) with a trailer in tow, the vehicle could be damaged.

- When ascending a hill, shift into a lower gear to reduce the possibility of overloading or overheating the engine, or both.
- When descending a hill, shift into a lower gear and use engine compression as a braking effect. Pay constant attention to speed and use the brakes only as needed. Holding the brake pedal down for a prolonged period may cause the brakes to overheat and lose power.

Parking

Avoid parking on an incline with a trailer. If this must be done, follow these instructions.

Parking on an Incline

- 1. Set the parking brake and the brakes.
- 2. Have someone block the wheels of the vehicle and trailer while you apply the brakes.
- 3. After the wheels are blocked, release the parking brake and the brakes slowly, allowing the blocks to bear the load.
- 4. Set the parking brake firmly.
- 5. If the vehicle has an automatic transaxle, put the selector lever in P position. If it has a manual transaxle, place the gear shift in 1 or R position.

Starting on an Incline

- 1. Start the engine (page 4-5).
- 2. Release the parking brake and slowly pull away a short distance from the wheel blocks.
- 3. Stop on the nearest level ground, set the parking brake, and pick up the wheel blocks.

MEMO

When Driving

Information concerning safer driving and stopping.

Start/Stop Engine4-4
Ignition Switch4-4
Starting the Engine4-5
Turning the Engine Off4-10
i-stop*4-11
Cylinder Deactivation*4-19
Cym.uc. 2000. anien
Instrument Cluster and Display
4-20
Instrument Cluster and
Display4-20
Instrument Cluster (Type A)4-21
Instrument Cluster (Type B)4-41
Instrument Cluster (Type C)4-60
Active Driving Display*4-74
Automatic Transaxle4-77
Automatic Transaxle
Controls 4-77
Shift-Lock System4-78
Transaxle Ranges4-79
Manual Shift Mode4-81
Direct Mode*4-86
Driving Tips4-87
Switches and Controls4-88
Lighting Control4-88
Rear Fog Light*4-94
Turn and Lane-Change
Signals4-95
Windscreen Wipers and
Washer4-96
Rear Window Wiper and
Washer4-99

Headlight Washer*4-1	00
Rear Window Defogger4-1	
Horn4-1	
Hazard Warning Flasher4-1	
Trazard Warming Trasher1	. 0.
Brake 4-1	
Brake System 4-1	
AUTOHOLD4-1	
Emergency Signal System 4-1	13
Hill Launch Assist (HLA) 4-1	
` '	
ADC/TCC/DCC/Off Dag J Tuggtion	
ABS/TCS/DSC/Off-Road Traction	
Assist4-1	113
Antilock Brake System	
(ABS)4-1	15
Traction Control System	
(TCS)4-1	16
Dynamic Stability Control	
(DSC)4-1	118
Off-Road Traction Assist* 4-1	10
Off Road Traction Assist	. 1 .
Mazda M Hybrid 4-1	
Mazda M Hybrid*4-1	21
Mazda intelligent Drive Select (Mi-	
Drive)4-1	24
Manda intelligent Drive Calant (M.	. - . :
Mazda intelligent Drive Select (M	
Drive)*4-1	25
i-ACTIV AWD4-1	28
i-ACTIV AWD Operation* 4-1	
THOTTY TIME operation 4 I	(

Power Steering4-130
Power Steering 4-130
i-ACTIVSENSE4-131
i-ACTIVSENSE4-131
Adaptive Front Lighting System
(AFS)* 4-135
High Beam Control System
(HBC)*4-136
Adaptive LED Headlights
(ALH)*4-138
Blind Spot Monitoring (BSM)*
4-141
Traffic Sign Recognition System
(TSR)* 4-147
Distance Recognition Support
System (DRSS)*4-153
Driver Attention Alert (DAA)*
4-157
Rear Cross Traffic Alert (RCTA)*
4-159
Mazda Radar Cruise Control
(MRCC)*4-163 Mazda Radar Cruise Control with
Stop & Go function (MRCC with Stop & Go function)*4-175
Cruising & Traffic Support
(CTS)*4-190
Lane-keep Assist System (LAS) &
Lane Departure Warning System
(LDWS)*4-208
Adjustable Speed Limiter (ASL)*
4-222
Advanced Smart City Brake Support
(Advanced SCBS)*4-231
Smart City Brake Support [Forward]
(SCBS F)*4-235
Smart City Brake Support [Reverse]
(SCRS R)* 4-239

Smart Brake Support (SBS)*4-243 360° View Monitor (Mazda Connect
(Type A))*4-245
360° View Monitor (Mazda Connect
(Type B))*4-272
Forward Sensing Camera (FSC)*
4-301
Radar Sensor (Front)* 4-307
Radar Sensors (Rear)*4-310
Ultrasonic Sensor (Rear)*4-312
Front Camera/Side Cameras/Rear
Camera*4-313
Cruise Control4-314
Cruise Control*4-314
Tyre Pressure Monitoring
System4-319
Tyre Pressure Monitoring
System*4-319
Diesel Particulate Filter4-323
Diesel Particulate Filter
(SKYACTIV-D 2.2)4-323
` '
Rear View Monitor (Mazda Connect
Rear View Monitor (Mazda Connect
Rear View Monitor (Mazda Connect (Type A))4-325 Rear View Monitor (Mazda Connect
Rear View Monitor (Mazda Connect (Type A))4-325
Rear View Monitor (Mazda Connect (Type A))4-325 Rear View Monitor (Mazda Connect (Type A))*4-325 Rear View Monitor (Mazda Connect
Rear View Monitor (Mazda Connect (Type A))4-325 Rear View Monitor (Mazda Connect (Type A))*4-325 Rear View Monitor (Mazda Connect (Type B))4-337
Rear View Monitor (Mazda Connect (Type A))4-325 Rear View Monitor (Mazda Connect (Type A))*4-325 Rear View Monitor (Mazda Connect
Rear View Monitor (Mazda Connect (Type A))4-325 Rear View Monitor (Mazda Connect (Type A))*4-325 Rear View Monitor (Mazda Connect (Type B))4-337

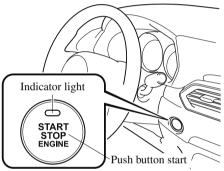
Parking Sensor System (Mazda	Parking Sensor System (Mazda
Connect (Type A))4-345	Connect (Type B)) 4-355
Parking Sensor System (Mazda	Parking Sensor System (Mazda
Connect (Type A))*4-345	Connect (Type B))*4-355

Ignition Switch

▼ Push Button Start Positions

The system operates only when the key is within operational range.

Each time the push button start is pressed, the ignition switches in the order of off, ACC, and ON. Pressing the push button start again from ON switches the ignition off.



NOTE

- The engine starts by pressing the push button start while depressing the brake pedal. To switch the ignition position, press the push button start without depressing the pedal.
- Do not leave the ignition switched ON while the engine is not running. Doing so could result in the lead-acid battery going dead. If the selector lever is in the P position, and the ignition is in ACC, the ignition switches off automatically after about 25 minutes.

Off

The power supply to electrical devices turns off and the push button start indicator light (amber) also turns off. In this position the steering wheel is locked.



Before leaving the driver's seat, always switch the ignition off, set the parking brake, and make sure the selector lever is in P position:

Leaving the driver's seat without switching the ignition off, setting the parking brake, and shifting the selector lever to P position is dangerous. Unexpected vehicle movement could occur which could result in an accident.

In addition, if your intention is to leave the vehicle for even a short period, it is important to switch the ignition off, as leaving it in another position will disable some of the vehicle's security systems and run the lead-acid battery down.

NOTE

(Locked steering wheel)

If the push button start indicator light (green) is flashing and the beep sound is heard, this indicates that the steering wheel is not unlocked. To unlock the steering wheel, press the push button start while moving the steering wheel left and right.

ACC (Accessory)

Some electrical accessories will operate and the indicator light (amber) illuminates. In this position the steering wheel is unlocked.

NOTE

The keyless entry system does not function while the push button start has been pressed to ACC, and the doors will not lock/unlock even if they have been locked manually.

ON

This is the normal running position after the engine is started. The indicator light (amber) turns off. (The indicator light (amber) illuminates when the ignition is switched ON and the engine is not running.)

Some indicator lights/warning lights should be inspected before the engine is started (page 4-20).

NOTE (SKYACTIV-G 2.0, SKYACTIV-G 2.5, SKYACTIV-G 2.5T)

When the push button start is pressed to ON, the sound of the fuel pump motor operating near the fuel tank can be heard. This does not indicate an abnormality.

Starting the Engine

⚠ WARNING

Radio waves from the key may affect medical devices such as pacemakers:

Before using the key near people who use medical devices, ask the medical device manufacturer or your physician if radio waves from the key will affect the device.

- The key must be carried because the key carries an immobilizer chip that must communicate with the engine controls at short range.
- The engine can be started when the push button start is pressed from off, ACC, or ON.
- The push button start system functions (function which can start the engine by only carrying the key) can be deactivated to prevent any possible adverse effect on a user wearing a pacemaker or other medical device. If the system is deactivated, you will be unable to start the engine by carrying the key. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for details. If the push button start system functions have been deactivated, you can start the engine by following the procedure indicated when the key battery goes dead. Refer to Engine Start Function When Key Battery is Dead on page 4-9.

 After starting a cold engine, the engine speed increases and a whining sound from the engine compartment can be heard.

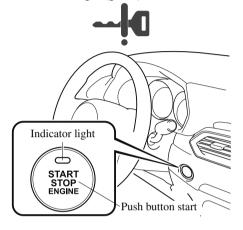
This is for improved exhaust gas purification and does not indicate any parts defect.

- 1. Make sure you are carrying the key.
- 2. Occupants should fasten their seat belts.
- 3. Make sure the parking brake is on.
- 4. Continue to press the brake pedal firmly until the engine has completely started.
- 5. Put the vehicle in park (P). If you must restart the engine while the vehicle is moving, shift into neutral (N).

NOTE

The starter will not operate if the selector lever is not in P or N position and the brake pedal is not depressed sufficiently.

6. Verify that the KEY indicator light (green) (if equipped) in the instrument cluster and the push button start indicator light (green) illuminate.



- · If the push button start indicator light (green) flashes, make sure that the key is being carried (for vehicles with a type A/type B instrument cluster (page 7-42), messages are displayed in the instrument cluster).
- If the push button start indicator light (green) flashes with the key being carried, touch the key to the push button start and start the engine (for vehicles with a type A/type B instrument cluster (page 7-42), messages are displayed in the instrument cluster). Refer to Engine Start Function When Key Battery is Dead on page 4-9.

A CAUTION

If the KEY warning light (red) illuminates, or the push button start indicator light (amber) flashes, this could indicate a problem with the engine starting system. This may prevent the engine from starting or from switching the ignition to ACC or ON (for vehicles with a type A/type B instrument cluster (page 7-42), messages are displayed in the instrument cluster). Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

- · Under the following conditions, the KEY warning light (red) flashes after the push button start is pressed. This informs the driver that the push button start will not switch to ACC, even if it is pressed from off (for vehicles with a type A/type B instrument cluster (page 7-42), messages are displayed in the instrument cluster).
 - · The key battery is dead.
 - The key is out of operational range.
 - The key is placed in areas where it is difficult for the system to detect the signal (page 3-8).
 - A key from another manufacturer similar to the key is in the operational range.

- · (Forced engine starting method) If the KEY warning light (red) illuminates, or the push button start indicator light (amber) flashes, this could indicate that the engine may not start using the usual starting method (for vehicles with a type A/ type B instrument cluster (page 7-42), messages are displayed in the instrument cluster). Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible. If this occurs, the engine can be force-started. Press and hold the push button start until the engine starts. Other procedures necessary for starting the engine, such as having the key in the cabin, and depressing the brake pedal are required.
- · When the engine is force-started, the KEY warning light (red) (if equipped) remains illuminated and the push button start indicator light (amber) remains flashing.
- · When the selector lever is in the neutral (N) position, the KEY indicator light (green) (if equipped) and the push button start indicator light (green) do not illuminate.

7. Press the push button start after both the KEY indicator light (green) (if equipped) in the instrument cluster and the push button start indicator light (green) illuminate.

NOTE

- After starting the engine, the push button start indicator light (amber) turns off and the ignition switches to the ON position.
- · (SKYACTIV-G 2.0, SKYACTIV-G 2.5, SKYACTIV-G 2.5T)

After pressing the push button start and before the engine starts, the operation sound of the fuel pump motor from near the fuel tank can be heard, however, this does not indicate a malfunction.

- · (SKYACTIV-D 2.2)
 - The starter does not rotate until the glow indicator light turns off.



- · If the ignition is left switched ON for a long period of time without the engine running after the glow plugs are warmed up, the glow plugs may warm up again which will illuminate the glow indicator light.
- · When starting the engine, do not release the brake pedal until the glow indicator light in the instrument cluster turns off and the engine starts, after pressing the push button start.

- If the brake pedal is released before the engine starts, depress the brake pedal again and press the push button start to start the engine.
- 8. After starting the engine, let it idle for about 10 seconds.

NOTE

- · Do not use high engine speeds until reaching the operating temperature.
- · (SKYACTIV-G 2.0, SKYACTIV-G 2.5, SKYACTIV-G 2.5T)
 - Whether the engine is cold or warm, it should be started without the use of the accelerator.
 - · If the engine does not start the first time, refer to Starting a Flooded Engine under Emergency Starting. If the engine still does not start, have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer) (page 7-34).
- · (SKYACTIV-D 2.2)

If the ambient temperature is lower than about -10 °C (14 °F), the maximum engine speed may not be attained for about 3 minutes after the engine starts to protect the engine.

▼ Engine Start Function When Key Battery is Dead



When starting the engine by holding the transmitter over the push button start due to a dead key battery or a malfunctioning key, be careful not to allow the following, otherwise the signal from the key will not be received correctly and the engine may not start.

➤ Metal parts of other keys or metal objects touch the key.



➤ Spare keys or keys for other vehicles equipped with an immobilizer system touch or come near the key.

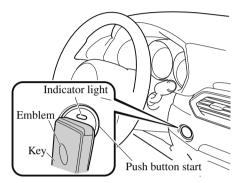


Devices for electronic purchases, or security passage touch or come near the key.

If the engine cannot be started due to a dead key battery, the engine can be started using the following procedure:

- Continue to depress the brake pedal firmly until the engine has completely started.
- 2. Make sure that the push button start indication light (green) flashes.

3. Align the centre area of the emblem on the transmitter with the centre area of the push button start while the push button start indicator light (green) flashes.



- 4. Make sure that the push button start indicator light (green) turns on.
- 5. Press the push button start to start the engine.

- The engine cannot be started unless the brake pedal is fully depressed.
- · If there is a malfunction with the push button start function, the push button start indicator light (amber) flashes. In this case, the engine may start, however, have the vehicle checked at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
- If the push button start indicator light (green) does not illuminate, perform the operation from the beginning again. If it does not illuminate, have the vehicle checked at an expert repairer (we recommend an Authorised Mazda Repairer).

- To switch the ignition position without starting the engine, perform the following operations after the push button start indicator light (green) turns on.
 - 1. Release the brake pedal.
 - 2. Press the push button start to switch the ignition position. The ignition switches in the order of ACC, ON, and off each time the push button start is pressed. To switch the ignition position again, perform the operation from the beginning.

▼ Emergency Operation for Starting the Engine

If the KEY warning light (red) illuminates, or the push button start indicator light (amber) flashes, this could indicate that the engine may not start using the usual starting method (for vehicles with a type A/type B instrument cluster (page 7-42), messages are displayed in the instrument cluster). Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible. If this occurs, the engine can be force-started. Press and hold the push button start until the engine starts. Other procedures necessary for starting the engine such as having the key in the cabin, and depressing the brake pedal are required.

Turning the Engine Off



Do not stop the engine while the vehicle is moving:

Stopping the engine while the vehicle is moving for any reason other than in an emergency is dangerous. Stopping the engine while the vehicle is moving will result in reduced braking ability due to the loss of power braking, which could cause an accident and serious injury.

- 1. Stop the vehicle completely.
- 2. Shift the selector lever to the P position and set the parking brake.
- 3. Press the push button start to turn off the engine. The ignition position is off.



- ➤ When leaving the vehicle, make sure the push button start is off.
- > (SKYACTIV-D 2.2)

If the engine is started and stopped repeatedly before it warms up, the engine may speed up while the vehicle is stopped to clean the engine internally. Do not stop the engine until the engine returns to running at its normal speed.

NOTE

· (SKYACTIV-G 2.0, SKYACTIV-G 2.5, SKYACTIV-G 2.5T)

The cooling fan in the engine compartment could turn on for a few minutes after the ignition is switched from ON to OFF, whether or not the A/C is on or off, to cool the engine compartment quickly.

If the system detects that the remaining battery power of the key is low when the ignition is switched from ON to ACC or OFF, the following is indicated.
Replace with a new battery before the key becomes unusable.
Refer to Key Battery Replacement on page 6-41.

(Vehicle equipped with Type A/B instrument cluster)

A message is indicated in the display of the instrument cluster.

(Vehicle equipped with Type C instrument cluster)

The KEY indicator light (green) flashes for approximately 30 seconds.

Refer to Taking Action on page 7-54.

• If the engine is turned off while the selector lever is in a position other than P, the ignition switches to ACC.

▼ Emergency Engine Stop

Continuously pressing the push button start or quickly pressing it any number of times while the engine is running or the vehicle is being driven will turn the engine off immediately. The ignition switches to ACC.

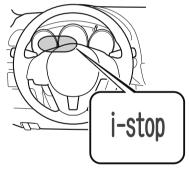
i-stop*

The i-stop function automatically stops the engine when the vehicle is stopped at a traffic light or stuck in traffic, and then restarts the engine automatically to resume driving. The system provides improved fuel economy, reduced exhaust gas emissions, and eliminates idling noise while the engine is stopped.

Engine idle stopping and restarting

NOTE

- The i-stop indicator light (green) turns on under the following conditions:
 - · When engine idling is stopped.



• The i-stop indicator light (green) turns off when the engine is restarted.

(AUTOHOLD operation turned off and When not using Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function))

1. Engine idling stops when the brake pedal is depressed while the vehicle is driven (except for driving in the R or M position second gear fixed mode) and the vehicle is stopped.

- 2. The engine restarts automatically when the brake pedal is released with the selector lever in the D or M position (not in second gear fixed mode).
- 3. If the selector lever is in the N or P position, the engine does not restart when the brake pedal is released. The engine restarts when the brake pedal is depressed again or the selector lever is shifted to the D, M (not in second gear fixed mode) or the R position. (For the purposes of safety, always keep the brake pedal depressed when shifting the selector lever while engine idling is stopped.)

(When the vehicle is stopped by the Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) stop hold control)

- When the vehicle is stopped by the Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function), engine idling stops and continues to be stopped without depressing the brake pedal.
- 2. When the accelerator pedal is depressed or the RES switch is operated while the vehicle is kept stopped by the Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function), the engine automatically restarts. The engine restarts automatically when the accelerator pedal is depressed with the selector lever in the D/M position (not in second gear fixed mode).

(When the vehicle is stopped by the AUTOHOLD function)

1. When the brake pedal is depressed while the vehicle is being driven (except for driving in the R or M position second gear fixed mode) and

- the vehicle is brought to a stop, the i-stop function will operate and it continues to operate even if the brake is released.
- 2. The engine restarts automatically when the accelerator pedal is depressed with the selector lever in the D/M position (not in second gear fixed mode).
- 3. If the selector lever is in the N or P position, the engine does not restart when the brake pedal is released. The engine restarts when the brake pedal is depressed again or the selector lever is shifted to the D, M (not in second gear fixed mode) or the R position. (For the purposes of safety, always keep the brake pedal depressed when shifting the selector lever while engine idling is stopped.)

Operation conditions

When the system is operable

Under the following conditions, engine idling stops and the i-stop indicator light (green) turns on.

- · (SKYACTIV-G 2.0, SKYACTIV-G 2.5, SKYACTIV-G 2.5T)
 The engine is warmed up.
- · (SKYACTIV-D 2.2)
 - · The engine is not cold.
- The engine has been started and the vehicle is driven for a certain period.
- The engine is started with the bonnet closed.
- · All doors, liftgate, and bonnet are closed.
- · The driver's seat belt is fastened.
- The air conditioner is not operating with the airflow mode in the \(\partial\) position.
- · (Automatic air-conditioning system)

- The temperature setting dial of the air conditioner is in a position other than maximum heating or maximum cooling (A/C ON) position.
- The vehicle's interior temperature and the set temperature for the air conditioner are nearly the same.
- The i-stop warning light (amber) is not turned on/flashing.
- The keyless entry & push button start system functions are normal.
- · The brake vacuum is sufficiently high.
- The steering wheel is not being operated.

· (With Mazda M Hybrid)

- The temperature and charge condition of the Mazda M Hybrid battery is within normal operating range.
- The Integrated Starter-Generator (ISG) is in good condition.
- (Without Mazda M Hybrid)

 The lead-acid battery is in good condition.
- · The vehicle is stopped.
- The selector lever is in the D or M position (not in second gear fixed mode).
- The automatic transaxle fluid has warmed up sufficiently.
- The automatic transaxle fluid temperature is not abnormally high.
- The steering wheel is almost in the straight-ahead position (idling may not stop even with the steering wheel in the straight-ahead position if force is applied to the steering wheel. Release the force applied to the steering wheel to stop engine idling).
- The vehicle is stopped by depressing the brake pedal.
- · Emergency braking is not applied.

 When the vehicle is stopped by the Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) stop hold control (vehicles with Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function)).

When the system is not operable

Engine idling does not stop in the following conditions:

- The vehicle is stopped but the engine is kept idling.
- The air conditioner is operating with the airflow mode in the \(\psi\) position.
- · (Automatic air-conditioning system)
 - The temperature setting dial of the air conditioner is in the maximum heating or maximum cooling (A/C ON) position.
 - There is a large difference between the cabin temperature and the set temperature of the air conditioner.
- The ambient temperature is extremely high or low.
- The atmospheric pressure is low (when driving at high altitudes).
- The vehicle is stopped on a steep incline.
- The steering wheel is not in the straight-ahead position while the vehicle is stopped.

· (SKYACTIV-D 2.2)

• The particulate matter (PM) is being removed by the diesel particulate filter (DPF).

NOTE

Under the following conditions, a period of time is required to stop engine idling

· (With Mazda M Hybrid)

The Mazda M Hybrid battery power is depleted for some reason such as the vehicle has not been driven for a long period.

· (Without Mazda M Hybrid)

The lead-acid battery power is depleted for some reasons such as the vehicle has not been driven for a long period.

- The ambient temperature is high or low.
- · After the lead-acid battery terminals are disconnected for some reasons such as for lead-acid battery replacement.

· (SKYACTIV-D 2.2)

After PM removal is performed by the diesel particulate filter (DPF).

Engine does not restart

If the following operations are performed while the idling is stopped, the engine will not restart for safety reasons. In such cases, start the engine using the normal method.

· (European model)

- · The bonnet is opened.
- The driver's seat belt is unfastened and the driver's door is opened.

Engine-stop period is short or time until next engine idle stop is long

- · The ambient temperature is high or low.
- (With Mazda M Hybrid)
 The Mazda M Hybrid battery power is depleted.
- · (Without Mazda M Hybrid)
 The lead-acid battery power is depleted.
- · Power consumption by the vehicle's electrical parts is high.

Engine restarts automatically while engine idling is stopped

Under the following conditions, the engine restarts automatically.

- The i-stop OFF switch is pressed until the beep sounds.
- The air conditioner is operated with the airflow mode in the \(\partial \) position.
- · (Automatic air-conditioning system)
 - The temperature setting dial of the air conditioner is in the maximum heating or maximum cooling (A/C ON) position.
 - The cabin temperature is largely different from the set temperature of the air conditioner.
- The brakes are released slightly on a slope and the vehicle begins to move.
- Two minutes have elapsed since the idling was stopped.
- (With Mazda M Hybrid)

 The Mazda M Hybrid battery power is depleted.
- · (Without Mazda M Hybrid)

The lead-acid battery power is depleted.

- The accelerator pedal is depressed with the selector lever in the D or M (not in second gear fixed mode) position.
- The selector lever is shifted to the R position.
- The selector lever is shifted from N or P position to D or M (not in second gear fixed mode) position.
- The steering wheel is operated with the selector lever in the D or M (not in second gear fixed mode) position.
- The selector lever is in the M position and the second gear fixed mode is selected.

· (Except European model)

With the selector lever in the P or N position, or the D/M range, the driver's seat belt is unfastened, the driver's door is opened, or the bonnet is opened.

Selector lever is operated while engine idling is stopped

If the selector lever is shifted from D or M (not in second gear fixed mode) position to N or P position while engine idling is stopped, the engine does not restart even when the brake pedal is released. The engine will restart if the brake pedal is depressed again or the selector lever is shifted to the D, M (not in second gear fixed mode), or R position. (For the purposes of safety, always keep the brake pedal depressed when shifting the selector lever while engine idling is stopped.)

· (European model)

If the selector lever is shifted from the D or M (not in second gear fixed mode) position to the N or P position, and the driver's seat belt is unfastened and the driver's door is opened, the engine does not restart. Start the engine using the normal method.

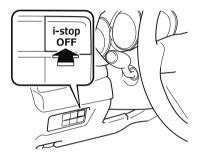
· (Except European model)

If the selector lever is shifted from the D or M (not in second gear fixed mode) to the N or P position, and the driver's seat belt is unfastened or the driver's door is opened, the engine restarts.

Lead-acid battery terminals are disconnected

Engine idling may not stop right after the lead-acid battery terminals are disconnected. In addition, if the lead-acid battery is replaced, the i-stop functions must be verified. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼ i-stop OFF Switch



By pressing the switch until a beep sounds, the i-stop function is turned off and the i-stop warning light (amber) in the instrument cluster turns on. By pressing the switch again until the beep sounds, the i-stop function becomes operational and the i-stop warning light (amber) turns off.

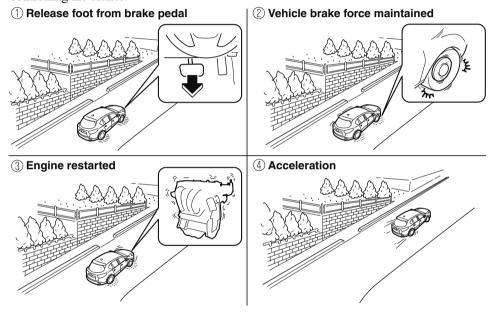
NOTE

If the engine is stopped with the i-stop function cancelled, the i-stop function becomes operational when the engine is started the next time.

▼ Vehicle Roll Prevention Function

Vehicles with the i-stop function are equipped with a vehicle roll prevention function. This function prevents the vehicle from rolling, such as when releasing the brake pedal while on a slope under the following conditions:

- · While engine idling is stopped (prevents the vehicle from rolling back)
- When the engine restarts after releasing the brake pedal (prevents the vehicle's sudden movement due to vehicle creep), sudden movement of the vehicle is prevented by controlling the brakes.





Do not rely completely on the vehicle roll prevention function.

➤ The vehicle roll prevention function is a supplementary function which operates for a maximum of 2 seconds after releasing the brake pedal from an engine idling stop condition. Over reliance on the system may result in an unexpected accident if the vehicle were to suddenly accelerate. Before starting to drive the vehicle, always confirm the safety of the surroundings and operate the selector lever, brake pedal, and accelerator pedal appropriately. Note that the vehicle may move suddenly depending on the vehicle's load or if it is towing something.

- ➤ Note that the vehicle may move suddenly after the vehicle roll prevention function is released while the vehicle is under the following conditions:
 - > The selector lever is in the N position.
 - If the selector lever is shifted to the N position and the brake pedal is released while the i-stop function is operating, the brake force is gradually released. To accelerate the vehicle, release the brake pedal after the engine restarts and shift the selector lever to a position other than the N position.

NOTE

- When the vehicle is stopped on a steep grade, the vehicle roll prevention function does not operate because engine idling is not stopped.
- The brake pedal response may change, sound may occur from the brakes, or the brake pedal could vibrate from the operation of the vehicle roll prevention function. However, this does not indicate a malfunction.

▼ i-stop Warning Light (Amber)/i-stop Indicator Light (Green)

i-stop

To ensure safe and comfortable use of the vehicle, the i-stop system constantly monitors the driver's operations, the vehicle's interior and exterior environment, and the operational status of the vehicle, and uses the i-stop warning light (amber) and i-stop indicator light (green) to inform the driver of various cautions and warnings.

NOTE

On vehicles equipped with the centre display, the i-stop operation status is displayed in the fuel monitor control status display.

Refer to the Information section in the Mazda Connect Owner's Manual.

i-stop warning light (amber)

When the light is turned on

- The light turns on when the ignition is switched ON and turns off when the engine is started.
- The light turns on when the i-stop OFF switch is pressed and the system is turned off.
- \cdot (European model)

The light turns on if the following operations are performed while engine idling is stopped. In such cases, the engine does not restart automatically to ensure safety. Start the engine using the normal method.

- · The bonnet is opened.
- The driver's seat belt is unfastened and the driver's door is opened.

· (Except European model)

· If the i-stop warning light (amber) remains on while the engine is running, the lead-acid battery performance may have decreased. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

A problem in the system may be indicated under the following conditions. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

- The light does not turn on when the ignition is switched ON.
- The light continues to remain on even though the i-stop OFF switch has been pressed while the engine is running.

When the light is flashing

The light continues to flash if the system has a malfunction. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

i-stop indicator light (green)

When the light is turned on

 The light turns on while engine idling is stopped and turns off when the engine is restarted.

When the light is flashing

· (European model)

The light flashes when the driver's door is opened while engine idling is stopped to notify the driver that engine idling is stopped. It turns off when the driver's door is closed

Cylinder Deactivation*

The cylinder deactivation is a function designed to reduce fuel consumption and improve fuel economy by deactivating 2 out of the 4 cylinders while driving. The function constantly determines which is better for driving; 4 cylinders or 2 cylinders, regardless of the driver's operations, and it performs the switching automatically.

When the cylinder deactivation function does not operate

The cylinder deactivation function does not operate under the following conditions.

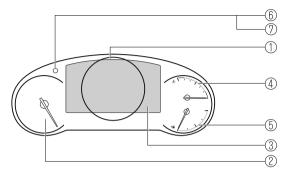
- The selector lever is in the P, N, or R position, or 1st gear.
- The engine oil temperature or engine coolant temperature is low.
- After disconnecting the lead-acid battery terminals for some reason, such as for lead-acid battery replacement.

Instrument Cluster and Display

Instrument Cluster Type A Type B Type C **Active Driving Display**

1 Instrument Cluster (Type A)	page 4-21
② Instrument Cluster (Type B)	page 4-41
③ Instrument Cluster (Type C)	page 4-60
4 Active Driving Display	page 4-74

Instrument Cluster (Type A)



① Speedometer	page 4-21
② Tachometer	page 4-21
3 Multi-information Display (Type A)	page 4-23
Engine Coolant Temperature Gauge	page 4-26
⑤ Fuel Gauge	page 4-27
Instrument Panel Illumination	page 4-27
7 Speed Unit Selector	page 4-28

Free/Open Source Software Information

This product includes free/open sources. Information about the licensing and source code is available at the following URL.

https://www.nippon-seiki.co.jp/business_ic_meter/

▼ Speedometer

The speedometer indicates the speed of the vehicle.

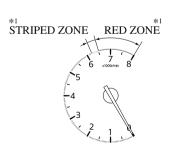
▼ Tachometer

The tachometer shows engine speed in thousands of revolutions per minute (rpm).



Do not run the engine with the tachometer needle in the RED ZONE.

This may cause severe engine damage.



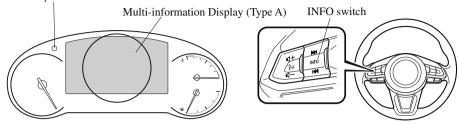
*1 The range varies depending on the type of gauge.

NOTE

When the tachometer needle enters the STRIPED ZONE, this indicates to the driver that the gears should be shifted before entering the RED ZONE.

▼ Multi-information Display (Type A)

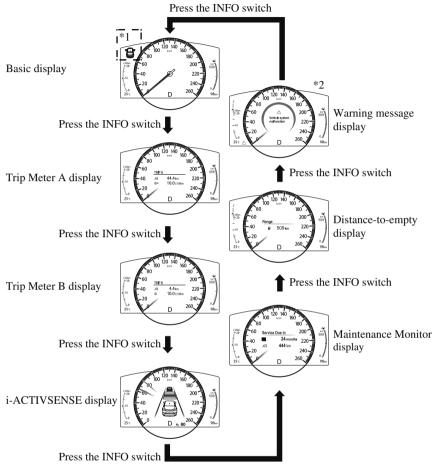
Instrument panel illumination knob



The multi-information display indicates the following information.

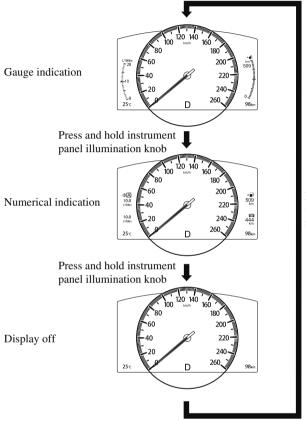
- · Speedometer
- · Odometer
- · Trip meter
- · Outside temperature
- · Distance-to-empty
- · Average fuel economy
- · Current fuel economy
- · Maintenance Monitor
- · Mazda intelligent Drive Select (Mi-Drive) Display
- · Blind Spot Monitoring (BSM) Display
- · Distance Recognition Support System (DRSS) Display
- Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) System Display
- · Mazda Radar Cruise Control (MRCC) Display
- · Cruising & Traffic Support (CTS) Display
- · Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) Display
- · Adjustable Speed Limiter (ASL) Display
- · Cruise Control Display
- · Vehicle Speed Alarm
- · Door-Ajar/Liftgate-Ajar Warning Indication
- · Message Display

The screen content changes each time the INFO switch is pressed.



- *1: Displayed when opening/closing door/Liftgate.
- *2: Displayed only when a warning occurs.

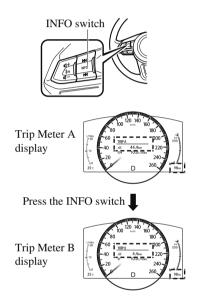
The screen content changes each time the instrument panel illumination knob is pressed and held.



Press and hold instrument panel illumination knob

▼ Odometer, Trip Meter and Trip Meter Selector

The odometer is constantly displayed on the screen when the ignition is switched ON, and the TRIP A or TRIP B screen can be displayed by operating the INFO switch.



Odometer

The odometer records the total distance the vehicle has been driven.

Trip meter

The driving distance for a specified interval is indicated. Two types (TRIP A, TRIP B) of interval distance and the average fuel economy for each can be measured.

For instance, trip meter A can record the distance from the point of origin, and trip meter B can record the distance from where the fuel tank is filled.

When trip meter A is selected, TRIP A will be displayed. When trip meter B is selected, TRIP B will be displayed.

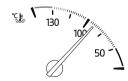
The trip meter and average fuel economy can be reset by pressing the INFO switch for 1.5 seconds or more while in each mode.

NOTE

- Only the trip meters record tenths of kilometres (miles).
- The trip record will be erased when:
 - The power supply is interrupted (blown fuse or the lead-acid battery is disconnected).
 - The vehicle is driven over 9999.9 km (mile).

▼ Engine Coolant Temperature Gauge

Displays the engine coolant temperature. The blue range of the gauge indicates that the engine coolant temperature is low, and the red range of the gauge indicates that the engine coolant temperature is high and overheating.



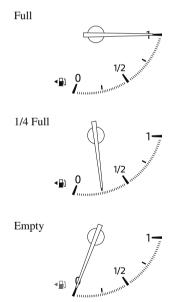


If the engine coolant temperature gauge needle is in the red range, there is the possibility of overheating. Drive slowly to reduce engine load until you can find a safe place to stop the vehicle and wait for the engine to cool down.

Refer to Overheating on page 7-36.

▼ Fuel Gauge

The fuel gauge shows approximately how much fuel is remaining in the tank when the ignition is switched ON. We recommend keeping the tank over 1/4 full.



If the low fuel warning light illuminates or the fuel level is very low, refuel as soon as possible. If inconsistency in engine performance or stalling occurs due to low fuel level conditions, refuel the vehicle as soon as possible and add at least 10 L (2.7 US gal, 2.2 Imp gal) of fuel.

Refer to Taking Action on page 7-54.

NOTE

- · After refuelling, it may require some time for the indicator to stabilize. In addition, the indicator may deviate while driving on a slope or curve since the fuel moves in the tank.
- The direction of the arrow (♠) indicates that the fuel-filler flap is on the left side of the vehicle.

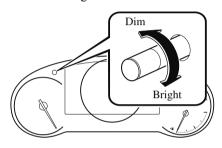
▼ Instrument Panel Illumination

When the lights are turned on with the ignition switched ON, the brightness of the instrument panel illumination is dimmed. However, when the light sensor detects that the surrounding area is bright such as when the lights are turned on in the daytime, the instrument panel illumination does not dim.

- · When the ignition is switched ON in the early evening or at dusk, the instrument panel illumination is dimmed for several seconds until the light sensor detects the brightness of the surrounding area, however, the dimming may cancel after the brightness is detected.
- · When the lights are turned on, the lights-on indicator light in the instrument cluster turns on.
 Refer to Headlights on page 4-88.

The brightness of the instrument cluster and instrument panel illuminations can be adjusted by rotating the knob.

- The brightness decreases by rotating the knob to the left. A beep sound will be heard when the knob has been rotated to the maximum dim position.
- The brightness increases by rotating the knob to the right.



Function for cancelling illumination dimmer

The illumination dimmer can be cancelled by rotating the instrument panel illumination knob to the right until a beep sound is heard while the instrument cluster is dimmed with the ignition switched ON. If the instrument cluster's visibility is reduced due to glare from surrounding brightness, cancel the illumination dimmer.

NOTE

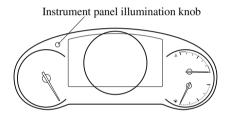
- The illumination dimmer can be cancelled by pressing the instrument panel illumination knob. (Without speed unit selector)
- When the illumination dimmer is cancelled, the instrument cluster cannot be dimmed even if the lights are turned on.

 When the illumination dimmer is cancelled, the screen in the centre display switches to constant display of the daytime screen.

▼ Speed Unit Selector*

In some countries, you may have to change the speed units between km/h and mph.

When pressing the instrument panel illumination knob, the speed units in the instrument cluster will change.



▼ Outside Temperature Display

When the ignition is switched ON, the outside temperature is displayed.

25℃

- Under the following conditions, the outside temperature display may differ from the actual outside temperature depending on the surroundings and vehicle conditions:
 - · Significantly cold or hot temperatures.
 - · Sudden changes in outside temperature.
 - · The vehicle is parked.
 - · The vehicle is driven at low speeds.

Changing the Temperature Unit of the Outside Temperature Display (Vehicles with Mazda Connect)

The outside temperature unit can be switched between Celsius and Fahrenheit. Settings can be changed by operating the centre display screen.

Refer to the Settings section in the Mazda Connect Owner's Manual.

NOTE

When the temperature unit indicated in the outside temperature display is changed, the temperature unit indicated in the engine coolant gauge display changes in conjunction with it.

Outside Temperature Warning*

When the outside temperature is low, the indication flashes and a beep sound is heard to warn the driver of the possibility of icy roads.

If the outside temperature is lower than about 4 °C (39 °F), the outside temperature display and the mark flashes for about ten seconds and a beep sound is heard once.

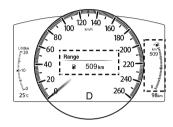
NOTE

If the outside temperature is lower than $-20 \,^{\circ}\text{C} (-4 \,^{\circ}\text{F})$, the beep sound does not operate. However, the $^{\bigstar}$ mark illuminates

▼ Distance-to-empty

This displays the approximate distance you can travel on the remaining fuel based on the fuel economy.

The distance-to-empty will be calculated and displayed every second.



- · Even though the distance-to-empty display may indicate a sufficient amount of remaining driving distance before refuelling is required, refuel as soon as possible if the fuel level is very low or the low fuel warning light illuminates.
- The display will not change unless you add more than approximately 9 L (2.3 US gal, 1.9 Imp gal) of fuel.
- The distance-to-empty is the approximate remaining distance the vehicle can be driven until all the graduation marks in the fuel gauge indicating the remaining fuel supply disappear.
- If there is no past fuel economy information such as after first purchasing your vehicle or the information is deleted when the lead-acid battery leads are disconnected, the actual distance-to empty/range may differ from the amount indicated

▼ Average Fuel Economy

The average fuel economy is calculated every minute from the total travelled distance on the trip meter and the total fuel consumption, and the average fuel economy for either TRIP A or TRIP B is displayed.

The average fuel economy and trip meters can be reset by pressing the INFO switch for 1.5 seconds or more while in each mode. After the data is cleared, the fuel consumption is recalculated and the - - - L/100 km (- - - mpg) for the 1 minute prior to it being displayed is indicated.

▼ Current Fuel Economy

This displays the current fuel economy by calculating the amount of fuel consumption and the distance travelled.



NOTE

- · Indicates the 0 position when the vehicle speed is about 5 km/h (3 mph) or slower.
- The arrow on the scale indicates the average fuel economy.

▼ Maintenance Monitor

The following maintenance period notifications can be displayed by turning the Maintenance Monitor on.

- · Scheduled Maintenance
- · Tyre Rotation
- · Oil Change

When the remaining days to the maintenance period is 15 days or less, or the remaining distance is 1,000 km (600 miles) or shorter, a message is indicated when the ignition is switched ON.



Service Soon

// 500 km

For the setting method and indications for the maintenance monitor, refer to the Maintenance Monitor.

Refer to the Information section in the Mazda Connect Owner's Manual.

▼ Mazda intelligent Drive Select (Mi-Drive) Display*

The display changes depending on the driving mode.

Sport mode



Off-road mode



▼ Vehicle Speed Alarm*

In this mode, the current setting for the vehicle speed alarm is displayed. You can change the vehicle speed setting at which the warning is triggered.

NOTE

The vehicle speed alarm display is activated at the same time the beep sound is heard.



Speed Warning 100 km/h

The vehicle speed alarm can be set using the centre display.

NOTE

Always set the vehicle speed according to the laws and regulations of the country/ city in which the vehicle is driven. In addition, always verify the speed of the vehicle using the speedometer.

▼ Blind Spot Monitoring (BSM) Display*

Displays the system status.



Refer to Blind Spot Monitoring (BSM) on page 4-141.

▼ Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) Display*

Displays the system status.



Refer to Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) on page 4-208.

▼ Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) Display*

Displays the currently set system status.



Refer to Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) on page 4-175.

▼ Mazda Radar Cruise Control (MRCC) Display*

Displays the currently set system status.



Refer to Mazda Radar Cruise Control (MRCC) on page 4-163.

▼ Cruising & Traffic Support (CTS) Display*

Displays the currently set system status.



Refer to Cruising & Traffic Support (CTS) on page 4-190.

▼ Distance Recognition Support System (DRSS) Display*

Displays the distance between your vehicle and the vehicle ahead.





Refer to Distance Recognition Support System (DRSS) on page 4-153.

▼ Adjustable Speed Limiter (ASL) Display*

The setting status of the Adjustable Speed Limiter (ASL) is displayed.



Refer to Adjustable Speed Limiter (ASL) on page 4-222.

▼ Cruise Control Set Vehicle Speed Display*

The vehicle speed preset using the cruise control is displayed.



Refer to Cruise Control on page 4-314.

▼ Message Display

A message such as the system operation status, a malfunction, or an abnormality is indicated.

Warning/indicator light in instrument cluster turns on/flashes or symbol is indicated on display at same time as message

Check the information regarding the warning/indicator light or indicated symbol.

Refer to If a Warning Indication/Warning Lights on page 4-34.

Refer to If a Indication/Indicator Lights on page 4-37.

Message only is indicated on display

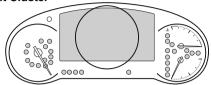
Follow the instructions indicated on the display. For the display content, refer to the next page.

Refer to If a Message Indicated on Multi-information Display on page 7-60.

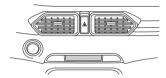
▼ Warning/Indicator Lights

Instrument Cluster varies depending on model and specifications.

Instrument Cluster



Centre of Instrument panel



Warning lights will appear in any of the highlighted areas

▼ Warning Indication/Warning Lights

These lights turn on or flash to notify the user of the system operation status or a system malfunction.

Signal	Warning	Page
(!)	Brake System Warning Light*1	7-42
(ABS)	ABS Warning Light*1	Electronic Brake Force Distribu- tion System Warning 7-42
		ABS warning 7-46
- +	Charging System Warning Indication/Warning Light*1	7-42
(Red/Amber)	*II.1.1.0 (W ' I I' (' *1	Red 7-42
	*Hybrid System Warning Indication*1	Amber 7-46
47.	Engine Oil Warning Light*1	7-42
₽	High Engine Coolant Temperature Warning Indication	7-42

Signal	Warning	Page
⊙ !	Power Steering Malfunction Indication	7-42
Ţ.	Master Warning Indication	7-46
	Electric Parking Brake (EPB) Warning Indication/Warning Light*1	7-46
ĘĴ	Check Engine Light*1	7-46
i-stop (Amber)	*i-stop Warning Light*1	7-46
AT	Automatic Transaxle Warning Indication	7-46
4WD	*AWD Warning Indication	7-46
	Air Bag/Seat Belt Pretensioner System Warning Light*1	7-46
(!)	*Tyre Pressure Monitoring System Warning Light*1	Flashing 7-46
\iii/		Turns on 7-54
 -	KEY Warning Indication	Amber 7-46
(Amber/White)	e e e e e e e e e e e e e e e e e e e	White 7-54
	*High Beam Control System (HBC) Warning Indication/Warning Light*1	7-46
(Amber)	*Adaptive LED Headlights (ALH) Warning Indication/Warning Light*1	7-46
•,	*Blind Spot Monitoring (BSM) Warning Indication	7-46
(Amber)	*Driver Attention Alert (DAA) Warning Indication	7-46
*	*Mazda Radar Cruise Control (MRCC) Warning Indication	7-46
(Amber)	*Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) Warning Indication	7-46
/\\$ \	*Cruising & Traffic Support (CTS) Warning Indication	7-46
	*Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) Warning Indication	7-46

Signal	Warning	Page
-∕∯-	LED Headlight Warning Light*1	7-46
***	*Smart Brake Support/Smart City Brake Support (SBS/SCBS) Warning Indication	7-54
√■ }	Low Fuel Warning Indication/Warning Light	7-54
£7.	Engine Oil Level Warning Light*1	7-54
120 km/h	*120 km/h Warning Light*1	7-54
PASSENGER.	Seat Belt Warning Light (Front seat)	7-54
REAR * * *	Seat Belt Warning Light (Rear seat)	7-54
\bigcirc	*Low Washer Fluid Level Warning Indication	7-54
	Door-Ajar Warning Indication	7-54
	Liftgate-Ajar Warning Indication	7-54
	Door-Ajar Warning Light	7-54

^{*1} The light turns on when the ignition is switched on for an operation check, and turns off a few seconds later or when the engine is started. If the light does not turn on or remains turned on, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Indication/Indicator Lights

These lights turn on or flash to notify the user of the system operation status or a system malfunction.

Signal	Indicator	Page
REAR (Green)	Seat Belt Indicator Light (Rear seat)	2-30
PASSENGER ON S. OFF AIRBAG ON 2	*Front Passenger Air Bag Deactivation Indicator Light*1	2-70
i-stop (Green)	*i-stop Indicator Light	4-17
	Security Indicator Light*1	3-47
(((•1))	*Vehicle Speed Alarm Indication	4-31
3 —	Wrench Indication	4-40
300	*Glow Indicator Light*1	4-40
DPF	*Diesel Particulate Filter Indication	4-323
P	Shift Position Indication	4-80
=00=	Lights-On Indication/Indicator Light	4-88
≣D	Headlight High-Beam Indicator Light	Headlight High-Low Beam 4-92 Flashing the Headlights 4-92
()≢	*Rear Fog Light Indicator Light	4-94
*	Direction Indicator/Hazard Warning Indicator Lights	Turn and Lane-Change Signals 4-95
		Hazard Warning Flasher 4-103
(P)	Electric Parking Brake (EPB) Indication/Indicator Light*1*2	7-46

Signal	Indicator	Page
	AUTOHOLD Active Indicator Light*1	4-111
HOLD	*Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) indicator Light	4-186
	*Cruising & Traffic Support (CTS) Indicator Light	4-206
		Traction Control System (TCS) 4-116
25	TCS/DSC Indicator Light*1	Dynamic Stabil- ity Control (DSC) 4-118
		Turns on 7-46
TCS OFF	*TCS OFF Indicator Light*1	4-117
\approx	*Off-Road Traction Assist Indicator Light*1	4-119
SPORT	*Select Mode Indication	4-125
EA	*High Beam Control System (HBC) Indicator Light	4-137
(Green)	*Adaptive LED Headlights (ALH) Indicator Light	4-140
B″ OFF	*Blind Spot Monitoring (BSM) OFF Indicator Light*1	Except malfunction 4-145
OIT		Malfunction 7-46
(White)	*Driver Attention Alert (DAA) Indication	4-158
	*Mazda Radar Cruise Control (MRCC) Main Indication	4-166
(White)	*Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) Main Indication	4-179
(winte)	*Cruising & Traffic Support (CTS) Standby Indication	4-198
	*Mazda Radar Cruise Control (MRCC) Set Indication	4-166
(Green)	*Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) Set Indication	4-179
	*Cruising & Traffic Support (CTS) Set Indication	4-198
	*Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) Indication	4-210

Signal	Indicator	Page
ÖFF	*Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) OFF Indicator Light*1	4-221
3 *	*Smart City Brake Support (SCBS) Indication	Advanced Smart City Brake Sup- port (Advanced SCBS) 4-233 Smart City
		Brake Support [Reverse] (SCBS R) 4-242
	*Smart Brake Support/Smart City Brake Support (SBS/SCBS) OFF Indicator Light*1	Advanced Smart City Brake Sup- port (Advanced SCBS) 4-233
OFF		Smart City Brake Support [Reverse] (SCBS R) 4-242
		Smart Brake Support (SBS) System 4-244
(White)	*Adjustable Speed Limiter (ASL) Main Indication	4-224
(Green)	*Adjustable Speed Limiter (ASL) Set Indication	4-224
(White)	*Cruise Main Indication	4-315
(Green)	*Cruise Set Indication	4-315

^{*1} The light turns on when the ignition is switched on for an operation check, and turns off a few seconds later or when the engine is started. If the light does not turn on or remains turned on, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

*2 The light turns on continuously when the parking brake is applied.

▼ Wrench Indication



The wrench indication is displayed under the following conditions.

- When the preset maintenance period has arrived.
 - Refer to the Information section in the Mazda Connect Owner's Manual.
- · When the engine oil replacement period has arrived.
- · (SKYACTIV-D 2.2)
 - When the engine oil is deteriorated or exceeds the specified amount.
 - When fuel filter (sedimentor) draining is required. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

- The wrench indication may display earlier than the preset period depending on vehicle usage conditions.
- Whenever the engine oil is replaced, a reset of the vehicle engine control unit is necessary.

An expert repairer (we recommend an Authorised Mazda Repairer), will be able to reset the engine control unit or see page 6-27 for the Vehicle engine control unit reset procedure.

▼ Glow Indicator Light (SKYACTIV-D 2.2)



When the ignition is switched ON, the glow indicator light turns on. The glow indicator light turns off when preheating is finished.

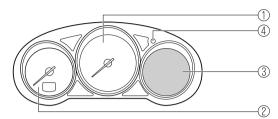
The maintenance period for the glow plug or a problem in the system may be indicated under the following conditions. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

- The glow indicator light does not turn on when the ignition is switched ON or it remains on.
- · The glow indicator light is flashing.

NOTE

If the vehicle is left with the ignition switched ON without starting the engine and a long period of time has elapsed since preheating finished, the preheating may be performed again and the glow indicator light may turn on.

Instrument Cluster (Type B)



① Speedometer	page 4-41
2 Tachometer	page 4-41
3 Multi-information Display (Type B)	page 4-42
4) Instrument Panel Illumination	nage 4-46

▼ Speedometer

The speedometer indicates the speed of the vehicle.

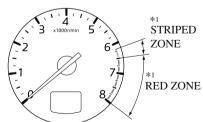
▼ Tachometer

The tachometer shows engine speed in thousands of revolutions per minute (rpm).



Do not run the engine with the tachometer needle in the RED ZONE.

This may cause severe engine damage.

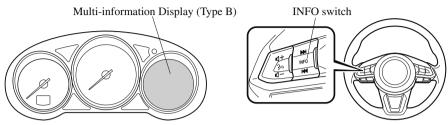


*1 The range varies depending on the type of gauge.

NOTE

When the tachometer needle enters the STRIPED ZONE, this indicates to the driver that the gears should be shifted before entering the RED ZONE.

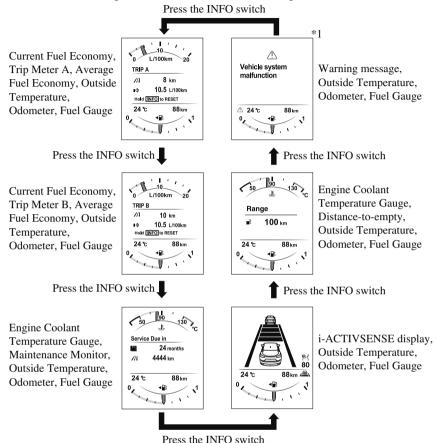
▼ Multi-information Display (Type B)



The multi-information display indicates the following information.

- · Odometer
- · Trip meter
- · Engine coolant temperature gauge
- · Fuel gauge
- · Outside temperature
- · Distance-to-empty
- · Average fuel economy
- · Current fuel economy
- · Maintenance Monitor
- · Blind Spot Monitoring (BSM) Display
- · Distance Recognition Support System (DRSS) Display
- · Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) System Display
- · Mazda Radar Cruise Control (MRCC) Display
- · Cruising & Traffic Support (CTS) Display
- · Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) Display
- · Adjustable Speed Limiter (ASL) Display
- · Cruise Control Display
- · Vehicle Speed Alarm
- · Message Display

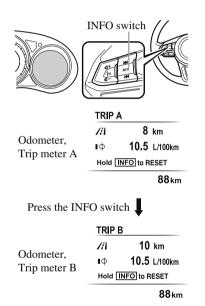
The screen content changes each time the INFO switch is pressed.



*1: Displayed only when a warning occurs.

▼ Odometer, Trip Meter and Trip Meter Selector

The odometer is constantly displayed on the screen when the ignition is switched ON, and the TRIP A or TRIP B screen can be displayed by operating the INFO switch.



Odometer

The odometer records the total distance the vehicle has been driven.

Trip meter

The driving distance for a specified interval is indicated. Two types (TRIP A, TRIP B) of interval distance and the average fuel economy for each can be measured.

For instance, trip meter A can record the distance from the point of origin, and trip meter B can record the distance from where the fuel tank is filled.

When trip meter A is selected, TRIP A will be displayed. When trip meter B is selected, TRIP B will be displayed.

The trip meter and average fuel economy can be reset by pressing the INFO switch for 1.5 seconds or more while in each mode.

- · Only the trip meters record tenths of kilometres (miles).
- \cdot The trip record will be erased when:
 - The power supply is interrupted (blown fuse or the lead-acid battery is disconnected).
 - The vehicle is driven over 9999.9 km (mile).

▼ Engine Coolant Temperature Gauge

Displays the engine coolant temperature. The blue range of the gauge indicates that the engine coolant temperature is low, and the red range of the gauge indicates that the engine coolant temperature is high and overheating.



▲ CAUTION

If the high engine coolant temperature warning light (red) flashes, there is a possibility of overheating. Drive slowly to reduce engine load until you can find a safe place to stop the vehicle and wait for the engine to cool down.

Refer to Overheating on page 7-36.

NOTE

• The temperature unit (Centigrade/ Fahrenheit) of the engine coolant gauge display changes in conjunction with the temperature unit of the outside temperature display.

Refer to the Settings section in the Mazda Connect Owner's Manual.

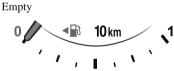
▼ Fuel Gauge

The fuel gauge shows approximately how much fuel is remaining in the tank when the ignition is switched ON. We recommend keeping the tank over 1/4 full.









If the fuel level is low, () and (0) turn an amber colour. Refuel as soon as possible. If inconsistency in engine performance or stalling occurs due to low fuel level conditions, refuel the vehicle as soon as possible and add at least 10 L (2.7 US gal, 2.2 Imp gal) of fuel.

Refer to Taking Action on page 7-54.

NOTE

· After refuelling, it may require some time for the indicator to stabilize. In addition, the indicator may deviate while driving on a slope or curve since the fuel moves in the tank.

• The direction of the arrow (♠) indicates that the fuel-filler flap is on the left side of the vehicle.

▼ Instrument Panel Illumination

(Without auto-light control)

When the lights are turned on with the ignition switched ON, the brightness of the instrument panel illumination is dimmed.

(With auto-light control)

When the lights are turned on with the ignition switched ON, the brightness of the instrument panel illumination is dimmed. However, when the light sensor detects that the surrounding area is bright such as when the lights are turned on in the daytime, the instrument panel illumination does not dim.

NOTE

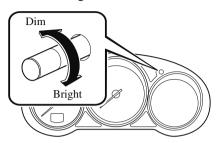
· (With auto-light control)

When the ignition is switched ON in the early evening or at dusk, the instrument panel illumination is dimmed for several seconds until the light sensor detects the brightness of the surrounding area, however, the dimming may cancel after the brightness is detected.

· When the lights are turned on, the lights-on indicator light in the instrument cluster turns on.
Refer to Headlights on page 4-88.

The brightness of the instrument cluster and instrument panel illuminations can be adjusted by rotating the knob.

 The brightness decreases by rotating the knob to the left. A beep sound will be heard when the knob has been rotated to the maximum dim position. • The brightness increases by rotating the knob to the right.



Function for cancelling illumination dimmer

The illumination dimmer can be cancelled by rotating the instrument panel illumination knob to the right until a beep sound is heard while the instrument cluster is dimmed with the ignition switched ON. If the instrument cluster's visibility is reduced due to glare from surrounding brightness, cancel the illumination dimmer.

- The illumination dimmer can be cancelled by pressing the instrument panel illumination knob.
- When the illumination dimmer is cancelled, the instrument cluster cannot be dimmed even if the lights are turned on.
- · When the illumination dimmer is cancelled, the screen in the centre display switches to constant display of the daytime screen.

▼ Outside Temperature Display

When the ignition is switched ON, the outside temperature is displayed.

4 ℃ *

NOTE

- Under the following conditions, the outside temperature display may differ from the actual outside temperature depending on the surroundings and vehicle conditions;
 - · Significantly cold or hot temperatures.
 - · Sudden changes in outside temperature.
 - · The vehicle is parked.
 - · The vehicle is driven at low speeds.

Changing the Temperature Unit of the Outside Temperature Display (Vehicles with Mazda Connect)

The outside temperature unit can be switched between Celsius and Fahrenheit. Settings can be changed by operating the centre display screen.

Refer to the Settings section in the Mazda Connect Owner's Manual.

NOTE

When the temperature unit indicated in the outside temperature display is changed, the temperature unit indicated in the engine coolant gauge display changes in conjunction with it.

Outside Temperature Warning*

When the outside temperature is low, the indication flashes and a beep sound is heard to warn the driver of the possibility of icy roads.

If the outside temperature is lower than about 4 °C (39 °F), the outside temperature display and the \$\mathbb{x}\$ mark flashes for about ten seconds and a beep sound is heard once.

NOTE

If the outside temperature is lower than $-20 \,^{\circ}\text{C}$ ($-4 \,^{\circ}\text{F}$), the beep sound does not operate. However, the % mark illuminates.

▼ Distance-to-empty

This displays the approximate distance you can travel on the remaining fuel based on the fuel economy.

The distance-to-empty will be calculated and displayed every second.

Range



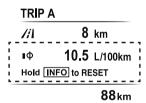
 $100 \, \mathrm{km}$

- · Even though the distance-to-empty display may indicate a sufficient amount of remaining driving distance before refuelling is required, refuel as soon as possible if the fuel level is very low or the low fuel warning light illuminates.
- The display will not change unless you add more than approximately 9 L (2.3 US gal, 1.9 Imp gal) of fuel.
- The distance-to-empty is the approximate remaining distance the vehicle can be driven until all the graduation marks in the fuel gauge indicating the remaining fuel supply disappear.

If there is no past fuel economy information such as after first purchasing your vehicle or the information is deleted when the lead-acid battery leads are disconnected, the actual distance-to empty/range may differ from the amount indicated.

▼ Average Fuel Economy

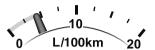
The average fuel economy is calculated every minute from the total travelled distance on the trip meter and the total fuel consumption, and the average fuel economy for either TRIP A or TRIP B is displayed.



The average fuel economy and trip meters can be reset by pressing the INFO switch for 1.5 seconds or more while in each mode. After the data is cleared, the fuel consumption is recalculated and the - - - L/100 km (- - - mpg) for the 1 minute prior to it being displayed is indicated.

▼ Current Fuel Economy

This displays the current fuel economy by calculating the amount of fuel consumption and the distance travelled.



NOTE

Indicates the 0 position when the vehicle speed is about 5 km/h (3 mph) or slower.

▼ Maintenance Monitor

The following maintenance period notifications can be displayed by turning the Maintenance Monitor on.

- · Scheduled Maintenance
- · Tyre Rotation
- · Oil Change

When the remaining days to the maintenance period is 15 days or less, or the remaining distance is 1,000 km (600 miles) or shorter, a message is indicated when the ignition is switched ON.



Service Soon

// 500 km

For the setting method and indications for the maintenance monitor, refer to the Maintenance Monitor.

Refer to the Information section in the Mazda Connect Owner's Manual.

▼ Vehicle Speed Alarm*

In this mode, the current setting for the vehicle speed alarm is displayed. You can change the vehicle speed setting at which the warning is triggered.

NOTE

The vehicle speed alarm display is activated at the same time the beep sound is heard.



Speed Warning 100 km/h

The vehicle speed alarm can be set using the centre display.

NOTE

Always set the vehicle speed according to the laws and regulations of the country/ city in which the vehicle is driven. In addition, always verify the speed of the vehicle using the speedometer.

▼ Blind Spot Monitoring (BSM) Display*

Displays the system status.



Refer to Blind Spot Monitoring (BSM) on page 4-141.

▼ Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) Display*

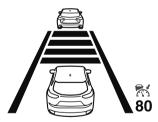
Displays the system status.



Refer to Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) on page 4-208.

▼ Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) Display*

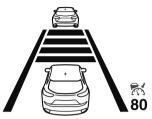
Displays the currently set system status.



Refer to Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) on page 4-175.

▼ Mazda Radar Cruise Control (MRCC) Display*

Displays the currently set system status.



Refer to Mazda Radar Cruise Control (MRCC) on page 4-163.

▼ Cruising & Traffic Support (CTS) Display*

Displays the currently set system status.



Refer to Cruising & Traffic Support (CTS) on page 4-190.

▼ Distance Recognition Support System (DRSS) Display*

Displays the distance between your vehicle and the vehicle ahead.





Refer to Distance Recognition Support System (DRSS) on page 4-153.

▼ Cruise Control Set Vehicle Speed Display*

The vehicle speed preset using the cruise control is displayed.



ক ৪0

Refer to Cruise Control on page 4-314.

▼ Adjustable Speed Limiter (ASL) Display*

The setting status of the Adjustable Speed Limiter (ASL) is displayed.



100

Refer to Adjustable Speed Limiter (ASL) on page 4-222.

▼ Message Display

A message such as the system operation status, a malfunction, or an abnormality is indicated.

Warning/indicator light in instrument cluster turns on/flashes or symbol is indicated on display at same time as message

Check the information regarding the warning/indicator light or indicated symbol.

Refer to If a Warning Indication/Warning Lights on page 4-52.

Refer to If a Indication/Indicator Lights on page 4-55.

Message only is indicated on display

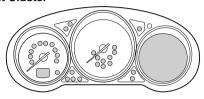
Follow the instructions indicated on the display. For the display content, refer to the next page.

Refer to If a Message Indicated on Multi-information Display on page 7-60.

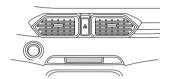
▼ Warning/Indicator Lights

Instrument Cluster varies depending on model and specifications.

Instrument Cluster



Centre of Instrument panel



Warning lights will appear in any of the highlighted areas

▼ Warning Indication/Warning Lights

These lights turn on or flash to notify the user of the system operation status or a system malfunction.

Signal	Warning	Page
(!)	Brake System Warning Light*1	7-42
(ABS)	ABS Warning Light*1	Electronic Brake Force Distribu- tion System Warning 7-42
		ABS warning 7-46
- +	Charging System Warning Indication/Warning Light*1	7-42
	*11.1	Red 7-42
(Red/Amber)	ber) *Hybrid System Warning Indication*1	Amber 7-46
٩٠٠.	Engine Oil Warning Light*1	7-42

Signal	Warning	Page
(Red)	High Engine Coolant Temperature Warning Light*1	7-42
⊕!	Power Steering Malfunction Indication	7-42
<u> </u>	Master Warning Indication	7-46
(PI)	Electric Parking Brake (EPB) Warning Indication/Warning Light*1	7-46
K	Check Engine Light*1	7-46
i-stop (Amber)	*i-stop Warning Light*1	7-46
AT	Automatic Transaxle Warning Indication	7-46
4WD	*AWD Warning Indication	7-46
**	Air Bag/Seat Belt Pretensioner System Warning Light*1	7-46
(!)	*Tyre Pressure Monitoring System Warning Light*1	Flashing 7-46 Turns on 7-54
(Amber/White)	KEY Warning Indication	Amber 7-46 White 7-54
≣ (A)	*High Beam Control System (HBC) Warning Indication/Warning Light*1	7-46
(Amber)	*Adaptive LED Headlights (ALH) Warning Indication/Warning Light*1	7-46
3, ₁₉	*Blind Spot Monitoring (BSM) Warning Indication	7-46
(Amber)	*Driver Attention Alert (DAA) Warning Indication	7-46
8	*Mazda Radar Cruise Control (MRCC) Warning Indication	7-46
(Amber)	*Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) Warning Indication	7-46
/⑤ \	*Cruising & Traffic Support (CTS) Warning Indication	7-46

Signal	Warning	Page
	*Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) Warning Indication	7-46
<u>-Ф</u> -	LED Headlight Warning Light*1	7-46
3 😂	*Smart Brake Support/Smart City Brake Support (SBS/SCBS) Warning Indication	7-54
₽	Low Fuel Warning Indication	7-54
£.	Engine Oil Level Warning Light*1	7-54
120 km/h	*120 km/h Warning Light*1	7-54
PASSENGER.	Seat Belt Warning Light (Front seat)	7-54
REAR (Red)	Seat Belt Warning Light (Rear seat)	7-54
	*Low Washer Fluid Level Warning Indication	7-54
	Door-Ajar Warning Indication	7-54
	Liftgate-Ajar Warning Indication	7-54

^{*1} The light turns on when the ignition is switched on for an operation check, and turns off a few seconds later or when the engine is started. If the light does not turn on or remains turned on, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Indication/Indicator Lights

These lights turn on or flash to notify the user of the system operation status or a system malfunction.

Signal	Indicator	Page
REAR (Green)	Seat Belt Indicator Light (Rear seat)	2-30
PASSENGER ON SOFF	*Front Passenger Air Bag Deactivation Indicator Light*1	2-70
i-stop (Green)	*i-stop Indicator Light	4-17
	Security Indicator Light*1	3-47
(((**))	*Vehicle Speed Alarm Indication	4-49
3 —	Wrench Indication	4-58
(Blue)	Low Engine Coolant Temperature Indicator Light	4-59
00	*Glow Indicator Light*1	4-59
DPF	*Diesel Particulate Filter Indication	4-323
 	Shift Position Indication	4-80
=00=	Lights-On Indication/Indicator Light	
E	Headlight High-Beam Indicator Light	Headlight High-Low Beam 4-92
	Treatingin Trigit-Death Indicator Light	Flashing the Headlights 4-92
() ‡	*Rear Fog Light Indicator Light	4-94

Signal	Indicator	Page
+ +	Direction Indicator/Hazard Warning Indicator Lights	Turn and Lane-Change Signals 4-95
		Hazard Warning Flasher 4-103
(P)	Electric Parking Brake (EPB) Indication/Indicator Light*1*2	7-46
	AUTOHOLD Active Indicator Light*1	4-111
HOLD	*Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) indicator Light	4-186
	*Cruising & Traffic Support (CTS) Indicator Light	4-206
		Traction Control System (TCS) 4-116
*	TCS/DSC Indicator Light*1	Dynamic Stability Control (DSC) 4-118
		Turns on 7-46
TCS OFF	*TCS OFF Indicator Light*1	4-117
\approx	*Off-Road Traction Assist Indicator Light*1	4-119
SPORT	*Select Mode Indication	4-125
	*High Beam Control System (HBC) Indicator Light	4-137
(Green)	*Adaptive LED Headlights (ALH) Indicator Light	4-140
®″ OFF [®]	*Blind Spot Monitoring (BSM) OFF Indicator Light*1	Except malfunction 4-145
		Malfunction 7-46
(White)	*Driver Attention Alert (DAA) Indication	4-158

Signal	Indicator	Page
	*Mazda Radar Cruise Control (MRCC) Main Indication	4-166
(White)	*Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) Main Indication	4-179
()	*Cruising & Traffic Support (CTS) Standby Indication	4-198
	*Mazda Radar Cruise Control (MRCC) Set Indication	4-166
(Green)	*Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) Set Indication	4-179
(Green)	*Cruising & Traffic Support (CTS) Set Indication	4-198
	*Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) Indication	4-210
OFF	*Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) OFF Indicator Light*1	4-221
***	*Smart City Brake Support (SCBS) Indication	Advanced Smart City Brake Sup- port (Advanced SCBS) 4-233 Smart City Brake Support [Forward] (SCBS F) 4-237 Smart City Brake Support
		[Reverse] (SCBS R) 4-242

Signal	Indicator	Page	
OFF		Advanced Smart City Brake Sup- port (Advanced SCBS) 4-233	
	*Smart Brake Support/Smart City Brake Support (SBS/SCBS) OFF Indicator Light*1	Smart City Brake Support [Forward] (SCBS F) 4-238	
		Smart City Brake Support [Reverse] (SCBS R) 4-242	
		Smart Brake Support (SBS) System 4-244	
(White)	*Adjustable Speed Limiter (ASL) Main Indication	4-224	
(Green)	*Adjustable Speed Limiter (ASL) Set Indication	4-224	
(White)	*Cruise Main Indication	4-315	
(Green)	*Cruise Set Indication	4-315	

^{*1} The light turns on when the ignition is switched on for an operation check, and turns off a few seconds later or when the engine is started. If the light does not turn on or remains turned on, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Wrench Indication



The wrench indication is displayed under the following conditions.

- · When the preset maintenance period has arrived.
- Refer to the Information section in the Mazda Connect Owner's Manual.
- · When the engine oil replacement period has arrived.

^{*2} The light turns on continuously when the parking brake is applied.

· (SKYACTIV-D 2.2)

- When the engine oil is deteriorated or exceeds the specified amount.
- When fuel filter (sedimentor) draining is required. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

- The wrench indication may display earlier than the preset period depending on vehicle usage conditions.
- · Whenever the engine oil is replaced, a reset of the vehicle engine control unit is necessary.

An expert repairer (we recommend an Authorised Mazda Repairer), will be able to reset the engine control unit or see page 6-27 for the Vehicle engine control unit reset procedure.

▼ Low Engine Coolant Temperature Indicator Light (Blue)



The light illuminates continuously when the engine coolant temperature is low and turns off after the engine is warm.

▼ Glow Indicator Light (SKYACTIV-D 2.2)



When the ignition is switched ON, the glow indicator light turns on. The glow indicator light turns off when preheating is finished.

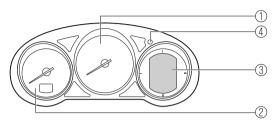
The maintenance period for the glow plug or a problem in the system may be indicated under the following conditions. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

- The glow indicator light does not turn on when the ignition is switched ON or it remains on.
- · The glow indicator light is flashing.

NOTE

If the vehicle is left with the ignition switched ON without starting the engine and a long period of time has elapsed since preheating finished, the preheating may be performed again and the glow indicator light may turn on.

Instrument Cluster (Type C)



1 Speedometer	page 4-60
2 Tachometer	1 0
3 Multi-information Display (Type C)	
(4) Instrument Panel Illumination	nage 1 61

▼ Speedometer

The speedometer indicates the speed of the vehicle.

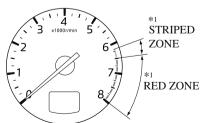
▼ Tachometer

The tachometer shows engine speed in thousands of revolutions per minute (rpm).



Do not run the engine with the tachometer needle in the RED ZONE.

This may cause severe engine damage.

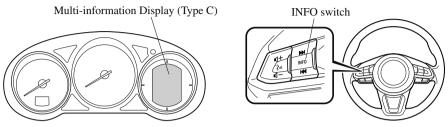


*1 The range varies depending on the type of gauge.

NOTE

When the tachometer needle enters the STRIPED ZONE, this indicates to the driver that the gears should be shifted before entering the RED ZONE.

▼ Multi-information Display (Type C)

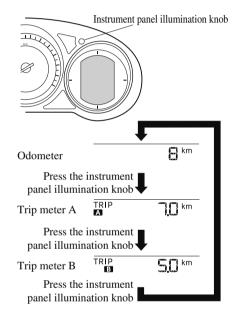


The multi-information display indicates the following information.

- · Odometer
- · Trip meter
- · Engine coolant temperature gauge
- · Fuel gauge
- · Outside temperature
- · Trip Computer
- · Vehicle Speed Alarm
- · Adjustable Speed Limiter (ASL) Display
- · Cruise Control Display

▼ Odometer, Trip Meter and Trip Meter Selector

The display mode can be changed from odometer to trip meter A to trip meter B and then back to odometer by pressing the selector while one of them is displayed. The selected mode will be displayed.



Odometer

The odometer records the total distance the vehicle has been driven.

Trip meter

The trip meter can record the total distance of two trips. One is recorded in trip meter A, and the other is recorded in trip meter B.

For instance, trip meter A can record the distance from the point of origin, and trip meter B can record the distance from where the fuel tank is filled.

When trip meter A is selected, pressing the selector again within 1 second will change to trip meter B mode.

When trip meter A is selected, TRIP A will be displayed. When trip meter B is selected, TRIP B will be displayed.

The trip meter records the total distance the vehicle is driven until the meter is again reset. Return it to "0.0" by depressing and holding the selector for 1 second or more. Use this meter to measure trip distances and to compute fuel consumption.

NOTE

• (Vehicles with Mazda Connect)

If TRIP A is reset using the trip meter when the function which synchronizes (resets) the fuel economy monitor and the trip meter (TRIP A) is on, the fuel economy data resets in conjunction with TRIP A.

Refer to the Information section in the Mazda Connect Owner's Manual.

- Only the trip meters record tenths of kilometres (miles).
- \cdot The trip record will be erased when:
 - The power supply is interrupted (blown fuse or the lead-acid battery is disconnected).
 - The vehicle is driven over 9999.9 km (mile).

▼ Engine Coolant Temperature Gauge

Displays the engine coolant temperature. The white range of the gauge indicates that the engine coolant temperature is low, and the red range of the gauge indicates that the engine coolant temperature is high and overheating.



A CAUTION

If the engine coolant temperature gauge needle (white) flashes, there is a possibility of overheating. Drive slowly to reduce engine load until you can find a safe place to stop the vehicle and wait for the engine to cool down.

Refer to Overheating on page 7-36.

NOTE

• The temperature unit (Centigrade/ Fahrenheit) of the engine coolant gauge display changes in conjunction with the temperature unit of the outside temperature display.

Refer to the Settings section in the Mazda Connect Owner's Manual.

▼ Fuel Gauge

The fuel gauge shows approximately how much fuel is remaining in the tank when the ignition is switched ON. We recommend keeping the tank over 1/4 full.







If the low fuel warning light illuminates or the fuel level is very low, refuel as soon as possible.

If inconsistency in engine performance or stalling occurs due to low fuel level conditions, refuel the vehicle as soon as possible and add at least 10 L (2.7 US gal, 2.2 Imp gal) of fuel.

Refer to Taking Action on page 7-54.

NOTE

- · After refuelling, it may require some time for the indicator to stabilize. In addition, the indicator may deviate while driving on a slope or curve since the fuel moves in the tank.
- The display indicating a quarter or less remaining fuel has more segments to show the remaining fuel level in greater detail.
- The direction of the arrow (♠) indicates that the fuel-filler flap is on the left side of the vehicle.

▼ Instrument Panel Illumination

(Without auto-light control)

When the lights are turned on with the ignition switched ON, the brightness of the instrument panel illumination is dimmed.

(With auto-light control)

When the lights are turned on with the ignition switched ON, the brightness of the instrument panel illumination is dimmed. However, when the light sensor detects that the surrounding area is bright such as when the lights are turned on in the daytime, the instrument panel illumination does not dim.

NOTE

· (With auto-light control)

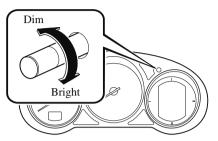
When the ignition is switched ON in the early evening or at dusk, the instrument panel illumination is dimmed for several seconds until the light sensor detects the brightness of the surrounding area, however, the dimming may cancel after the brightness is detected.

· When the lights are turned on, the lights-on indicator light in the instrument cluster turns on.
Refer to Headlights on page 4-88.

The brightness of the instrument cluster and instrument panel illuminations can be adjusted by rotating the knob.

• The brightness decreases by rotating the knob to the left. A beep sound will be heard when the knob has been rotated to the maximum dim position.

• The brightness increases by rotating the knob to the right.



Function for cancelling illumination dimmer

The illumination dimmer can be cancelled by rotating the instrument panel illumination knob to the right until a beep sound is heard while the instrument cluster is dimmed with the ignition switched ON. If the instrument cluster's visibility is reduced due to glare from surrounding brightness, cancel the illumination dimmer.

NOTE

- · When the illumination dimmer is cancelled, the instrument cluster cannot be dimmed even if the lights are turned on.
- · When the illumination dimmer is cancelled, the screen in the centre display switches to constant display of the daytime screen.

▼ Outside Temperature Display

When the ignition is switched ON, the outside temperature is displayed.



NOTE

- Under the following conditions, the outside temperature display may differ from the actual outside temperature depending on the surroundings and vehicle conditions:
 - · Significantly cold or hot temperatures.
 - · Sudden changes in outside temperature.
 - · The vehicle is parked.
 - · The vehicle is driven at low speeds.

Changing the Temperature Unit of the Outside Temperature Display

The outside temperature unit can be switched between Celsius and Fahrenheit using the following procedure.

(Vehicles with Mazda Connect)

Refer to the Settings section in the Mazda Connect Owner's Manual.

(Vehicles without Type B audio)

- 1. Press the INFO switch with the ignition switched off and continue pressing the INFO switch for 5 seconds or longer while switching the ignition ON. The outside temperature display flashes.
- 2. Press the INFO switch to change the outside temperature unit.
- 3. Press and hold the INFO switch for 3 seconds or longer while the outside temperature display is flashing. The outside temperature display illuminates.

NOTE

When the temperature unit indicated in the outside temperature display is changed, the temperature unit indicated in the engine coolant gauge display changes in conjunction with it.

Outside Temperature Warning*

When the outside temperature is low, the indication flashes and a beep sound is heard to warn the driver of the possibility of icy roads.

If the outside temperature is lower than about 4 °C (39 °F), the outside temperature display and the \$\mathbb{x}\$ mark flashes for about ten seconds and a beep sound is heard once

NOTE

If the outside temperature is lower than -20 °C (-4 °F), the beep sound does not operate. However, the % mark illuminates.

▼ Trip Computer

The following information can be selected by pressing the INFO switch with the ignition switched ON.

- · Distance-to-empty mode
- · Average fuel economy mode
- · Current fuel economy mode

If you have any problems with your trip computer, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Distance-to-empty mode

This mode displays the approximate distance you can travel on the remaining fuel based on the fuel economy.

The distance-to-empty will be calculated and displayed every second.

(European model)

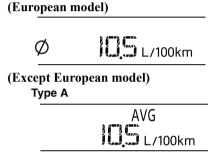


NOTE

- · Even though the distance-to-empty display may indicate a sufficient amount of remaining driving distance before refuelling is required, refuel as soon as possible if the fuel level is very low or the low fuel warning light illuminates.
- The display may not change unless you add more than approximately 9 L (2.3 US gal, 1.9 Imp gal) of fuel.
- The distance-to-empty is the approximate remaining distance the vehicle can be driven until all the graduation marks in the fuel gauge (indicating the remaining fuel supply) disappear.
- If there is no past fuel economy information such as after first purchasing your vehicle or the information is deleted when the lead-acid battery leads are disconnected, the actual distance-to empty/range may differ from the amount indicated.

Average fuel economy mode

This mode displays the average fuel economy by calculating the total travelled distance and the total fuel consumption since the vehicle was purchased or the past data was reset. The average fuel economy is calculated and displayed every minute.



To reset the displayed past data, press the INFO switch for 1.5 seconds or longer.

km/L

NOTE

Type B

(Vehicles with Mazda Connect)

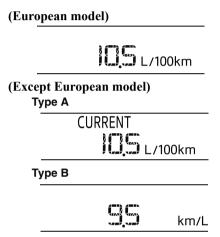
If TRIP A is reset using the trip meter when the function which synchronizes (resets) the fuel economy monitor and the trip meter (TRIP A) is on, the displayed past data is reset.

After resetting the data, - - - L/100 km (- - - mpg) or - - - km/L is displayed for one minute before the fuel economy is recalculated and displayed.

Current fuel economy mode

This mode displays the current fuel economy by calculating the amount of fuel consumption and the distance travelled.

Current fuel economy will be calculated and displayed every 2 seconds.



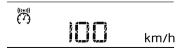
When you've slowed to about 5 km/h (3 mph), --- L/100 km (--- mpg) or --- km/L will be displayed.

▼ Vehicle Speed Alarm

In this mode, the current setting for the vehicle speed alarm is displayed. You can change the vehicle speed setting at which the warning is triggered.

NOTE

The vehicle speed alarm display is activated at the same time the beep sound is heard.



The vehicle speed alarm can be set using the centre display.

NOTE

Always set the vehicle speed according to the laws and regulations of the country/ city in which the vehicle is driven. In addition, always verify the speed of the vehicle using the speedometer.

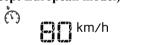
▼ Cruise Control Set Vehicle Speed Display*

The vehicle speed preset using the cruise control is displayed.

(European model)



(Except European model)



Refer to Cruise Control on page 4-314.

▼ Adjustable Speed Limiter (ASL) Display*

The setting status of the adjustable speed limiter (ASL) is displayed.

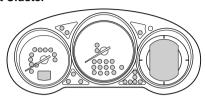


Refer to Adjustable Speed Limiter (ASL) on page 4-222.

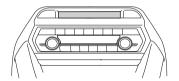
▼ Warning/Indicator Lights

Instrument Cluster varies depending on model and specifications.

Instrument Cluster



Centre of Instrument panel



Warning lights will appear in any of the highlighted areas

▼ Warning Indication/Warning Lights

These lights turn on or flash to notify the user of the system operation status or a system malfunction.

Signal	Warning	Page
(!)	Brake System Warning Light*1	7-42
(ABS)	ABS Warning Light*1	Electronic Brake Force Distribu- tion System Warning 7-42
		ABS warning 7-46
- +	Charging System Warning Light*1	7-42
>	*II.1.:1 C	Red 7-42
(Red/Amber)	*Hybrid System Warning Light*1	Amber 7-46
47.	Engine Oil Warning Light*1	7-42
⊙!	Power Steering Malfunction Indicator Light*1	7-42

Signal	Warning	Page
<u> </u>	Master Warning Light*1	7-46
(P)	Electric Parking Brake (EPB) Warning Light*1	7-46
(Red)	Brake Pedal Operation Demand Warning Light*1	Flashing 4-109 Buzzer & Flash- ing 7-46
H	Check Engine Light*1	7-46
i-stop (Amber)	*i-stop Warning Light*1	7-46
AT	Automatic Transaxle Warning Light*1	7-46
4WD	*AWD Warning Light*1	7-46
	Air Bag/Seat Belt Pretensioner System Warning Light*1	
(!)	*Tyre Pressure Monitoring System Warning Light*1	
(Red)	KEY Warning Light*1	
- <u>'</u> Ö-	LED Headlight Warning Light*1	7-46
(Amber)	*Smart City Brake Support (SCBS) Warning Light*1	
	Low Fuel Warning Light	
77.	Engine Oil Level Warning Light*1	
120 km/h	*120 km/h Warning Light*1	7-54
PASSENGER	Seat Belt Warning Light (Front seat)	7-54

Signal	Warning	Page
REAR A A A (Red)	Seat Belt Warning Light (Rear seat)	7-54
\Leftrightarrow	*Low Washer Fluid Level Warning Light	7-54
	Door-Ajar Warning Light	7-54

^{*1} The light turns on when the ignition is switched on for an operation check, and turns off a few seconds later or when the engine is started. If the light does not turn on or remains turned on, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Indication/Indicator Lights

These lights turn on or flash to notify the user of the system operation status or a system malfunction.

Signal	Indicator	Page
REAR A A A (Green)	Seat Belt Indicator Light (Rear seat)	2-30
PASSENGER ON SCOFF	*Front Passenger Air Bag Deactivation Indicator Light*1	2-70
i-stop (Green)	*i-stop Indicator Light	4-17
	Security Indicator Light*1	3-47
(((•1))	*Vehicle Speed Alarm Indication	4-67
3 —	Wrench Indicator Light*1	4-73
	Shift Position Indication	4-80
=00=	Lights-On Indicator Light	4-88

Signal	Indicator	Page
	Headlight High-Beam Indicator Light	
()≢	*Rear Fog Light Indicator Light	4-94
+ +	Direction Indicator/Hazard Warning Indicator Lights	Turn and Lane-Change Signals 4-95
		Hazard Warning Flasher 4-103
(P)	Electric Parking Brake (EPB) Indicator Light*1*2	7-46
HOLD	AUTOHOLD Active Indicator Light*1	4-111
(Green)	Brake Pedal Operation demand Indicator Light*1	4-106
		Traction Control System (TCS) 4-116
5	TCS/DSC Indicator Light*1	Dynamic Stabil- ity Control (DSC) 4-118
		Turns on 7-46
TCS OFF	*TCS OFF Indicator Light*1	4-117
$\overline{\approx}$	*Off-Road Traction Assist Indicator Light*1	4-119
®″ OFF [®]	*Blind Spot Monitoring (BSM) OFF Indicator Light*1	Except malfunction 4-145
		Malfunction 7-46

Signal	Indicator	Page
(Red)	*G	Advanced Smart City Brake Sup- port (Advanced SCBS) 4-233
	*Smart City Brake Support (SCBS) Indicator Light	Smart City Brake Support [Forward] (SCBS F) 4-237
OFF	*Smart City Brake Support (SCBS) OFF Indicator Light*1	Advanced Smart City Brake Sup- port (Advanced SCBS) 4-233 Smart City Brake Support [Forward] (SCBS F) 4-238
(White)	*Adjustable Speed Limiter (ASL) Main Indication	4-224
(Green)	*Adjustable Speed Limiter (ASL) Set Indication	4-224
(White)	*Cruise Main Indication	4-315
(Green)	*Cruise Set Indication	4-315

^{*1} The light turns on when the ignition is switched on for an operation check, and turns off a few seconds later or when the engine is started. If the light does not turn on or remains turned on, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

^{*2} The light turns on continuously when the parking brake is applied.

▼ Wrench Indicator Light



When the ignition is switched ON, the wrench indicator light turns on and then turns off after a few seconds.

The wrench indicator light turns on under the following conditions:

- · When the preset maintenance period has arrived.
- · When it's time to replace the engine oil.

Refer to the Information section in the Mazda Connect Owner's Manual.

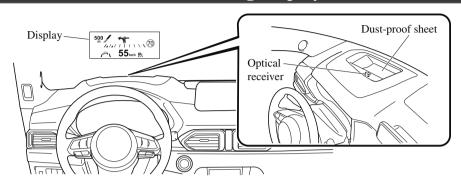
NOTE

• The wrench indicator light turns on earlier than the preset period depending on vehicle usage conditions.

 Whenever the engine oil is replaced, a reset of the vehicle engine control unit is necessary.

An expert repairer (we recommend an Authorised Mazda Repairer), will be able to reset the engine control unit or see page 6-27 for the Vehicle engine control unit reset procedure.

Active Driving Display*





Always adjust the display brightness and position with the vehicle stopped:

Adjusting the display brightness and position while driving the vehicle is dangerous as doing so could distract your attention from the road ahead and lead to an accident.

A CAUTION

- ➤ Do not place beverages near the active driving display. If water or other liquids are splashed on the active driving display, it could cause damage.
- > Do not place objects above the active driving display or apply stickers to the dust-proof sheet/optical receiver as they will cause interference.
- A sensor is integrated to control the display's luminosity. If the optical receiver is covered, the display's luminosity will lower making the display difficult to view.
- Do not allow intense light to hit the optical receiver. Otherwise, it could cause damage.

NOTE

- · Wearing polarized sunglasses will reduce the visibility of the active driving display due to the characteristics of the display.
- · If the lead-acid battery has been removed and re-installed or the lead-acid battery voltage is low, the adjusted position may deviate.
- The display may be difficult to view or temporarily affected by weather conditions such as rain, snow, light, and temperature.
- \cdot If the audio system is removed, the active driving display cannot be operated.

The active driving display indicates the following information:

- · Blind Spot Monitoring (BSM) Operation Conditions and Warnings Refer to Blind Spot Monitoring (BSM) on page 4-141.
- Traffic Sign Recognition System (TSR) traffic signs and Warnings Refer to Traffic Sign Recognition System (TSR) on page 4-147.
- Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function)
 Operation Conditions and Warnings

 Refer to Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) on page 4-175.
- Mazda Radar Cruise Control (MRCC) Operation Conditions and Warnings Refer to Mazda Radar Cruise Control (MRCC) on page 4-163.
- Cruising & Traffic Support (CTS) Operation Conditions and Warnings Refer to Cruising & Traffic Support (CTS) on page 4-190.
- Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) Operation Conditions and Warnings
 Refer to Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) on page 4-208.
- Advanced Smart City Brake Support (Advanced SCBS) Warnings
 Refer to Advanced Smart City Brake Support (Advanced SCBS) on page 4-231.
- Smart City Brake Support (SCBS) Warnings
 Refer to Smart City Brake Support (SCBS) on page 4-235.
- · Smart City Brake Support [Reverse] (SCBS R) Operation Conditions Refer to Smart City Brake Support [Reverse] (SCBS R) on page 4-239.
- Smart Brake Support (SBS) Operation Conditions and Warnings Refer to Smart Brake Support (SBS) on page 4-243.
- · Adjustable Speed Limiter (ASL) Operation Conditions and Warnings Refer to Adjustable Speed Limiter (ASL) on page 4-222.
- · Cruise Control Operation Conditions Refer to Cruise Control on page 4-314.
- · Navigation Guidance (vehicles with navigation system)
- · Speed limit indicator (vehicles with navigation system)
- · Vehicle Speed

The active driving display settings can be changed or adjusted.

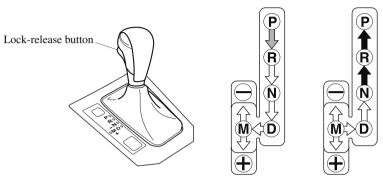
Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

• The desired driving position (display position, brightness level, display information) can be called up after programming the position.

Refer to Driving Position Memory on page 2-11.

Automatic Transaxle Controls



Various Lockouts:



Indicates that you must depress the brake pedal and hold in the lock-release button to shift (The ignition must be switched ON).



Indicates the selector lever can be shifted freely into any position.



Indicates that you must hold in the lock-release button to shift.

NOTE

The Sport AT has an option that is not included in the traditional automatic transaxle that gives the driver the option of selecting each gear instead of leaving it to the transaxle to shift gears. Even if you intend to use the automatic transaxle functions as a traditional automatic, you should also be aware that you can inadvertently shift into manual shift mode and an inappropriate gear may be retained as the vehicle speed increases. If you notice the engine speed going higher or hear the engine racing, confirm you have not accidentally slipped into manual shift mode (page 4-81).

Automatic Transaxle

Shift-Lock System

The shift-lock system prevents shifting out of P unless the brake pedal is depressed.

To shift from P:

- 1. Depress and hold the brake pedal.
- 2. Start the engine.
- 3. Press and hold the lock-release button.
- 4. Move the selector lever.

NOTE

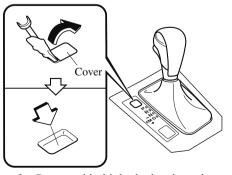
- When the ignition is switched to ACC or the ignition is switched off, the selector lever cannot be shifted from P position.
- The ignition cannot be switched to OFF if the selector lever is not in P position.

▼ Shift-Lock Override

If the selector lever will not move from P position using the proper shift procedure, continue to hold down the brake pedal.

Type A

- Remove the shift-lock override cover using a cloth-wrapped flat head screwdriver.
- 2. Insert a screwdriver and push it down.

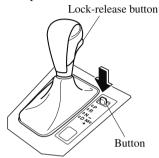


- 3. Press and hold the lock-release button.
- 4. Move the selector lever.

Take the vehicle to an expert repairer (we recommend an Authorised Mazda Repairer) to have the system checked.

Type B

1. Press the lock-release button with the button pressed.



2. Move the selector lever.

Take the vehicle to an expert repairer (we recommend an Authorised Mazda Repairer) to have the system checked.

Transaxle Ranges

- The shift position indication in the instrument cluster illuminates. Refer to Indication/Indicator Lights on page 4-37, 4-55, 4-70.
- The selector lever must be in P or N position to operate the starter.

P (Park)

P locks the transaxle and prevents the front wheels from rotating.



Always set the selector lever to P position and set the parking brake:

Only setting the selector lever to the P position without using the parking brake to hold the vehicle is dangerous. If P fails to hold, the vehicle could move and cause an accident.



- Shifting into P, N or R while the vehicle is moving can damage your transaxle.
- ➤ Shifting into a driving gear or reverse when the engine is running faster than idle can damage the transaxle.

R (Reverse)

In position R, the vehicle moves only backward. You must be at a complete stop before shifting to or from R, except under rare circumstances as explained in Rocking the Vehicle (page 3-56).

NOTE

(With parking sensor system)

When the selector lever is shifted to the R position with the ignition switched ON, the parking sensor system is activated and a beep sound is heard.

Refer to Parking Sensor System on page 4-345.

N (Neutral)

In N, the wheels and transaxle are not locked. The vehicle will roll freely even on the slightest incline unless the parking brake or brakes are on.



If the engine is running faster than idle, do not shift from N or P into a driving gear:

It's dangerous to shift from N or P into a driving gear when the engine is running faster than idle. If this is done, the vehicle could move suddenly, causing an accident or serious injury.

Do not shift into N when driving the vehicle:

Shifting into N while driving is dangerous. Engine braking cannot be applied when decelerating which could lead to an accident or serious injury.



Do not shift into N when driving the vehicle. Doing so can cause transaxle damage.

Automatic Transaxle

NOTE

Apply the parking brake or depress the brake pedal before moving the selector lever from N position to prevent the vehicle from moving unexpectedly.

D (Drive)

D is the normal driving position. From a stop, the transaxle will automatically shift through a 6-gear sequence.

M (Manual)

M is the manual shift mode position. Gears can be shifted up or down by operating the selector lever. Refer to Manual Shift Mode on page 4-81.

▼ Shift Position Indication

Instrument Cluster (Type A)



Instrument Cluster (Type B/C)



The selector position is indicated when the ignition is switched ON.

NOTE

(Some models)

If one of the following actions is performed, the selector position is displayed for 5 minutes even if the ignition switch is in a position other than ON.

- · The ignition is switched OFF.
- · The driver's door is opened.

Gear position indication

In manual shift mode, the "M" of the shift position indication illuminates and the numeral for the selected gear is displayed.

▼ Active Adaptive Shift (AAS)

Active Adaptive Shift (AAS) automatically controls the transaxle shift points to best suit the road conditions and driver input. This improves driving feel. The transaxle may switch to AAS mode when driving up and down slopes, cornering, driving at high elevations, or depressing the accelerator pedal quickly while the selector lever is in the D position. Depending on the road and driving conditions/vehicle operations, gear shifting could be delayed or not occur, however, this does not indicate a problem because the AAS mode will maintain the optimum gear position.

Manual Shift Mode

The manual shift mode gives you the feel of driving a manual transaxle vehicle by allowing you to operate the selector lever manually. This allows you to control engine rpm and torque to the drive wheels much like a manual transaxle when more control is desired.

To change to manual shift mode, shift the lever from D to M.



NOTE

Changing to manual shift mode while driving will not damage the transaxle.

To return to automatic shift mode, shift the lever from M to D.

NOTE

- · If you change to manual shift mode when the vehicle is stopped, the gear will shift to M1.
- · If you change to manual shift mode without depressing the accelerator pedal when driving in D range, 5th gear/6th gear, the gear will shift to M4/M5.

▼ Indications

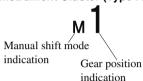
Manual shift mode indication

In manual shift mode, the "M" of the shift position indication in the instrument panel illuminates.

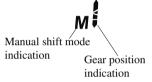
Gear position indication

The numeral for the selected gear illuminates

Instrument Cluster (Type A)



Instrument Cluster (Type B/C)



NOTE

- · If the gears cannot be shifted down when driving at higher speeds, the gear position indication will flash twice to signal that the gears cannot be shifted down (to protect the transaxle).
- · If the automatic transaxle fluid (ATF) temperature becomes too high, there is the possibility that the transaxle will switch to automatic shift mode, cancelling manual shift mode and turning off the gear position indication illumination. This is a normal function to protect the AT. After the ATF temperature has decreased, the gear position indication illumination turns back on and driving in manual shift mode is restored.

Automatic Transaxle

▼ Gear Shift Indicator (GSI)*

The GSI supports you to obtain optimum fuel economy and smooth driving. It displays the selected gear position in the instrument cluster as well as notifies the driver to change to the most suitable gear position corresponding to the actual driving condition.

Instrument Cluster (Type A)



Instrument Cluster (Type B/C)



 Indication
 Condition

 Numeral
 The selected gear position is displayed.

► and numeral Shift up or down to the indicated gear position is recommended.

▲ CAUTION

Do not rely solely on the shift-up/ shift-down recommendations by indications. The actual driving situation might require shift operations different from indication. To avoid the risk of accidents, the road and traffic conditions have to be judged correctly by the driver before shifting.

NOTE

The GSI turns off when the following operations are performed.

- · The vehicle is stopped.
- · Manual shift mode is cancelled.

▼ Manually Shifting Up

You can shift gears up by operating the selector lever or the steering shift switches*.

 $M1 \rightarrow M2 \rightarrow M3 \rightarrow M4 \rightarrow M5 \rightarrow M6$

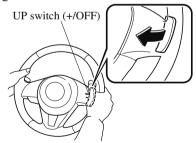
Using selector lever

To shift up to a higher gear, tap the selector lever back + once.



Using steering shift switch*

To shift up to a higher gear with the steering shift switches, pull the UP switch (+/OFF) toward you once with your fingers.



MARNING

Keep your hands on the steering wheel rim when using fingers on the steering shift switches:

Putting your hands inside the rim of the steering wheel when using the steering shift switches is dangerous. If the driver's air bag were to deploy in a collision, your hands could be impacted causing injury.

NOTE

- When driving slowly, the gears may not shift up.
- Do not drive the vehicle with the tachometer needle in the RED ZONE while in manual shift mode. In addition, manual shift mode switches to automatic shift mode while the accelerator pedal is completely depressed.

This function is cancelled while the TCS is turned off or the Off-Road Traction Assist is turned on. However, if the vehicle is continuously driven at a high rpm, the gears may automatically shift up to protect the engine.

• The steering shift switch can be used temporarily even if the selector lever is in the D position while driving. In addition, it returns to automatic shift mode when the UP switch (+IOFF) is pulled rearward for a sufficient amount of time.

▼ Manually Shifting Down

You can shift gears down by operating the selector lever or the steering shift switches*.

 $M6 \rightarrow M5 \rightarrow M4 \rightarrow M3 \rightarrow M2 \rightarrow M1$

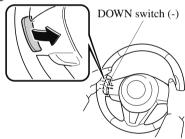
Using selector lever

To shift down to a lower gear, tap the selector lever forward — once.



Using steering shift switch*

To shift down to a lower gear with the steering shift switches, pull the DOWN switch — toward you once with your fingers.



MARNING

Do not use engine braking on slippery road surfaces or at high speeds:

Shifting down while driving on wet, snowy, or frozen roads, or while driving at high speeds causes sudden engine braking, which is dangerous. The sudden change in tyre speed could cause the tyres to skid. This could lead to loss of vehicle control and an accident.

Automatic Transaxle

Keep your hands on the steering wheel rim when using fingers on the steering shift switches:

Putting your hands inside the rim of the steering wheel when using the steering shift switches is dangerous. If the driver's air bag were to deploy in a collision, your hands could be impacted causing injury.

NOTE

- · When driving at high speeds, the gear may not shift down.
- During deceleration, the gear may automatically shift down depending on vehicle speed.
- · When depressing the accelerator fully, the transaxle will shift to a lower gear, depending on vehicle speed. However, the gears do not kickdown while the TCS is turned off or the Off-Road Traction Assist is operating.

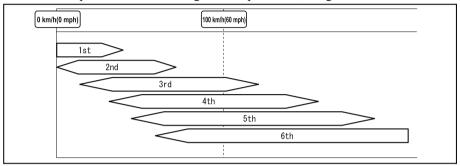
▼ Second Gear Fixed Mode

When the selector lever is moved back + while the vehicle speed is about 10 km/h (6.2 mph) or less, the transaxle is set in the second gear fixed mode. The gear is fixed in second while in this mode for easier acceleration from a stop and driving on slippery roads such as snow-covered roads.

If the selector lever is moved back + or forward — while in the second gear fixed mode, the mode will be cancelled.

▼ Shift Gear (Shifting) Speed Limit

For each gear position while in the manual mode, the speed limit is set as follows: When the selector lever is operated within the range of the speed limit, the gear is shifted.



Shift up

The gear does not shift up while the vehicle speed is lower than the speed limit.

Shift down

The gear does not shift down while the vehicle speed exceeds the speed limit. If the vehicle speed exceeds the speed limit and the gear does not shift down, the gear position indication flashes 2 times to notify the driver that the gear cannot be shifted.

Kickdown

When the accelerator pedal is depressed fully while driving, the gear shifts down. However, the gears do not kickdown while the TCS is turned off or the Off-Road Traction Assist is operating.

NOTE

The gear also shifts down using kickdown while in the second gear fixed mode.

Auto-shift down

The gear shifts down automatically depending on the vehicle speed during deceleration.

NOTE

If the vehicle comes to a stop while in the second gear fixed mode, the gear remains in second.

Automatic Transaxle

Direct Mode*

Direct mode can be used for temporarily switching gears by operating the steering shift switch while the vehicle is being driven with the selector lever in the D position.

While in direct mode, the D and M indication illuminate and the gear position in use is illuminated.

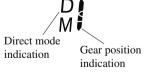
Direct mode is cancelled (released) under the following conditions.

- The UP switch (**+/OFF**) is pulled rearward for a certain amount of time or longer.
- The vehicle is driven for a certain amount of time or longer (time differs depending on the driving conditions while operating).
- The vehicle is stopped or moving at a slow speed.

Instrument Cluster (Type A)

Direct mode indication Gear position indication

Instrument Cluster (Type B/C)



NOTE

Shifting up and down while in direct mode may not be possible depending on the vehicle speed. In addition, because direct mode is cancelled (released) depending on the rate of acceleration or if the accelerator is fully depressed, use of the manual shift mode is recommended if you need to drive the vehicle in a particular gear for long periods.

Driving Tips



Do not let the vehicle move in a direction opposite to the direction selected by the selector lever:

Do not let the vehicle move backward with the selector lever in a forward position, or do not let the vehicle move forward with the selector lever in the reverse position. Otherwise, the engine may stop, causing the loss of the power brake and power steering functions, and make it difficult to control the vehicle which could result in an accident.

Passing

For extra power when passing another vehicle or climbing steep grades, depress the accelerator fully. The transaxle will shift to a lower gear, depending on vehicle speed.

NOTE

- The accelerator pedal may initially feel heavy as it is being depressed, then feel lighter as it is depressed further. This change in pedal force aids the engine control system in determining how much the accelerator pedal has been depressed for performing kickdown, and functions to control whether or not kickdown should be performed.
- · While the selector lever is in the M position and the TCS is turned off, manual shift mode does not switch to automatic shift mode even if the accelerator pedal is completely depressed. Operate the selector lever.

Climbing steep grades from a stop

To climb a steep grade from a stopped position:

- 1. Depress the brake pedal.
- 2. Shift to D or M1, depending on the load weight and grade steepness.
- 3. Release the brake pedal while gradually accelerating.

Descending steep grades

When descending a steep grade, shift to lower gears, depending on load weight and grade steepness. Descend slowly, using the brakes only occasionally to prevent them from overheating.

Lighting Control

▼ Headlights

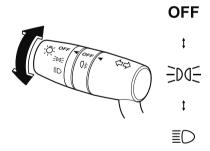
Turn the headlight switch to turn the headlights and other exterior lights on or off. When the tail lights, position lights, number plate lights are turned on, the lights-on indicator light in the instrument cluster turns on.



NOTE

- To prevent discharging the lead-acid battery, do not leave the lights on while the engine is off unless safety requires them.
- · Headlights do not blind drivers approaching in the opposite direction no matter what side of the road you must drive your vehicle (left-hand or right-hand traffic). Therefore, it is not necessary to adjust the optical axis of the headlights when switching temporarily to driving on the opposite side of the road (left-hand or right-hand traffic).

Without auto-light control



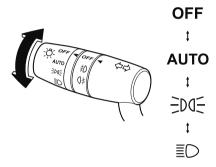
Switch Position	OFF		2 005		≣O	
Ignition Position	ON	ACC or OFF	ON	ACC or OFF	ON	ACC or OFF
Headlights	Off	Off	Off	Off	On	Off
Running lights*	On*1	Off	Off	Off	Off	Off
Tail lights Position lights Number plate lights	Off	Off	On	On	On	On*2

^{*1} The lights are turned on while the vehicle is driven.

*2 The lights are turned on continuously if the ignition is switched from ON to any other position with the lights turned on. The lights are turned off when the driver's door is opened or 30 seconds have elapsed since the lights turned on.

With auto-light control

(Except Taiwan)

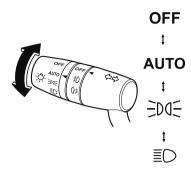


Switch Position	OFF		AUTO		2 005		≣D	
Ignition Position	ON	ACC or OFF	ON	ACC or OFF	ON	ACC or OFF	ON	ACC or OFF
Headlights	Off	Off	Auto*2	Off	Off	Off	On	Off
Running lights*	On*1	Off	On*3	Off	Off	Off	Off	Off
Tail lights Position lights Number plate lights	Off	Off	Auto*2	On*4	On	On	On	On*4

- *1 The lights are turned on while the vehicle is driven.
- *2 The lights are turned on by the auto light function.
- *3 The lights are turned on while the vehicle is driven, and turned off when the headlights are turned on by the auto light function.
- *4 The lights are turned on continuously if the ignition is switched from ON to any other position with the lights turned on. The lights are turned off when the driver's door is opened or 30 seconds have elapsed since the lights turned on.

Switches and Controls

(Taiwan)



Ignition Position		ACC o	or OFF		ON			
Switch Position	OFF*1	AUTO	2 005	≣D	OFF*1	AUTO	E0 0E	≣D
Headlights	Off	Off	Off	Off				On
Running lights	Off	Off	Off	Off				Off
Tail lights Position lights Number plate lights	Off	On*5	On	On*5	Auto*2*4		Auto*3*4	On

- *1 The light switch returns to the AUTO position automatically.
- *2 During the daytime, the running lights turn on automatically. During the nighttime, the headlights, position lights, tail lights, and the number plate lights turn on automatically.
- *3 During the daytime, the running lights, position lights, tail lights, and the number plate lights turn on automatically. During the nighttime, the headlights, position lights, tail lights, and the number plate lights turn on automatically.
- *4 When the light switch is switched to the OFF position while the vehicle is stopped, all of the lights that are turned on turn off. When the light switch is switched from a position other than 5005 to the 5005 position while the vehicle is stopped, the running lights or the headlights turn off. When starting to drive the vehicle, the lights that are turned off turn on again.
- *5 The lights are turned on continuously if the ignition is switched from ON to any other position with the lights turned on. The lights are turned off when the driver's door is opened or 30 seconds have elapsed since the lights turned on.

Auto-light control*

(Except Taiwan)

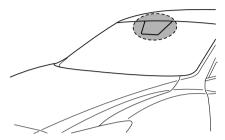
When the headlight switch is in the AUTO position and the ignition is switched ON, the light sensor senses the surrounding lightness or darkness and automatically turns the headlights and other exterior lights on or off.

(Taiwan)

When the headlight switch is in a position other than $\equiv \square$ and the ignition is switched ON, the light sensor senses the surrounding lightness or darkness and automatically turns the headlights and other exterior lights on or off.



➤ Do not shade the light sensor by adhering a sticker or a label on the windscreen. Otherwise the light sensor will not operate correctly.



➤ The light sensor also works as a rain sensor for the auto-wiper control. Keep hands and scrapers clear of the windscreen when the wiper lever is in the AUTO position and the ignition is switched ON as fingers could be pinched or the wipers and wiper blades damaged when the wipers activate automatically. If you are going to clean the windscreen, be sure the wipers are turned off completely — this is particularly important when clearing ice and snow — when it is particularly tempting to leave the engine running.

- The headlights and other exterior lights may not turn off immediately even if the surrounding area becomes well-lit because the light sensor determines that it is night time if the surrounding area is continuously dark for several minutes such as inside long tunnels, traffic jams inside tunnels, or in indoor parking lots.

 In this case, the lights turn off if the light switch is turned to the OFF position.
- The sensitivity of the auto-light control may be changed.

 Refer to Settings section in the Mazda Connect Owner's Manual.

Switches and Controls

▼ Headlight High-Low Beam

The headlights switch between high and low beams by moving the lever forward or backward.

High beam

Low beam

Auto
Auto
Depth Section

Auto
Depth Section
Depth S

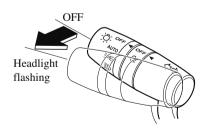
When the headlight high-beams are on, the headlight high-beam indicator light is turned on.



▼ Flashing the Headlights

Can be used when the ignition is switched ON.

To flash the headlights, pull the lever fully towards you (the headlight switch does not need to be on).



The headlight high-beam indicator light in the instrument cluster illuminates simultaneously. The lever will return to the normal position when released.



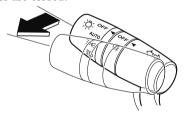
▼ Coming Home Light

The coming home light turns on the headlights (low beams) when the lever is operated.

To turn on the lights

When the lever is pulled with the ignition switched to ACC or OFF, the low beam headlights turn on.

The headlights turn off after a certain period of time has elapsed after all of the doors are closed.



- The time until the headlights turn off after all of the doors are closed can be changed.
 - Refer to the Settings section in the Mazda Connect Owner's Manual.
- · If no operations are done for 3 minutes after the lever is pulled, the headlights turn off.
- The headlights turn off if the lever is pulled again while the headlights are illuminated

▼ Leaving Home Light

The leaving home light turns on the lights when the transmitter unlock button is pressed while away from the vehicle. The following lights turn on when the leaving home light is operated. Low beams, Position lights, Tail lights, Number plate lights.

To turn on the lights

When the ignition switch and the headlight switch are in the following conditions, the headlights will illuminate when the transmitter unlock button is pressed and the vehicle receives the transmitter signal. The headlights turn off after a certain period of time has elapsed (30 seconds).

- · Ignition switch: off
- · Headlight switch: AUTO, ₹00€, or ≣□



NOTE

- Operation of the leaving home light can be turned on or off.
 Refer to the Settings section in the Mazda Connect Owner's Manual
- When the transmitter lock button is pressed and the vehicle receives the transmitter signal, the headlights turn off.

 When the headlight switch is turned to the OFF position, the headlights turn off.

▼ Headlight Levelling

The number of passengers and weight of cargo in the luggage compartment change the angle of the headlights.

The angle of the headlights will be automatically adjusted when turning on the headlights.

The warning/indicator light turns on when the system has a malfunction.
Refer to Contact an expert repairer (we recommend an Authorised Mazda Repairer) and Have Vehicle Inspected on page 7-46.

▼ Running Lights*

Some countries require moving vehicles to have their lights on (running lights) during the daytime.

(Except Taiwan)

The running lights turn off when the parking brake is operated or the selector lever is shifted to the P position.

NOTE

(Except countries prohibited by law)

The running lights can be deactivated. Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

Switches and Controls

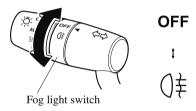
Rear Fog Light*

The rear fog light can be used when the ignition is switched ON.

The rear fog light helps your vehicle to be seen.

The headlights must be turned on to turn on the rear fog light.

To turn the rear fog light on, rotate the fog light switch to the 0‡ position (the fog light switch returns to its original position automatically).



The rear fog light indicator light in the instrument cluster illuminates while the rear fog light is on.



To turn the rear fog light off, do any of the following:

- Rotate the fog light switch to the Operation again (the fog light switch returns to its original position automatically).
- (Except Taiwan)

 Turn the headlight switch to the OFF position.

The rear fog light indicator light in the instrument cluster goes off when the rear fog light is turned off.

NOTE

(With auto-light control)

When the headlight switch is in the AUTO position and the headlights and the exterior lights illuminated, the rear fog light turns on when the rear fog light switch is turned on.

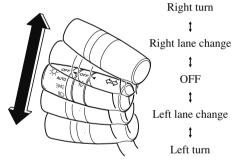
Turn and Lane-Change Signals

The ignition must be switched ON to use the turn and lane-change signals.

▼ Direction Indicators

Move the signal lever down (for a left turn) or up (for a right turn) to the stop position. The signal will self-cancel after the turn is completed.

If the indicator light continues to flash after a turn, manually return the lever to its original position.



The direction indicators in the instrument cluster flash according to the operation of the direction indicator lever to show which signal is working.



NOTE

- There may be a problem with the direction indicator lights if they do not flash but remain turned on, or they flash abnormally. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).
- · A personalised function is available to change the turn indicator sound volume. Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Lane-Change Signals

Move the lever halfway toward the direction of the lane change—until the indicator flashes— and hold it there. It will return to the off position when released.

▼ Three-Flash Turn Signal

After releasing the direction indicator lever, the direction indicator flashes 3 times. The operation can be cancelled by moving the lever in the direction opposite to which it was operated.

NOTE

The three-flash turn signal function can be switched to operable/inoperable using the personalisation function.

Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

Switches and Controls

Windscreen Wipers and Washer

The ignition must be switched ON to use the wipers.



Use only windscreen washer fluid or plain water in the reservoir:

Using radiator antifreeze as washer fluid is dangerous. If sprayed on the windscreen, it will dirty the windscreen, affect your visibility, and could result in an accident.

Only use windscreen washer fluid mixed with anti-freeze protection in freezing weather conditions:

Using windscreen washer fluid without anti-freeze protection in freezing weather conditions is dangerous as it could freeze on the windscreen and block your vision which could cause an accident. In addition, make sure the windscreen is sufficiently warmed using the defroster before spraying the washer fluid.

▲ CAUTION

- When the wipers are not used during freezing temperatures or for a long time, the wiper rubber may adhere to the glass. If the wipers are operated while adhered to the glass, it could damage the wiper rubber and motor.
- ➤ If the wipers are operated while the glass is dry, the glass could be scratched and the wiper rubber damaged. When the glass is dry, spray washer fluid before operating the wipers.

➤ If the amount of washer fluid spray is insufficient, do not use the washer switch. If the washer switch continues to be operated with no washer fluid being sprayed, it could lead to pump damage.

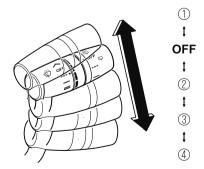
NOTE

If the windscreen wipers are operated under cold weather conditions or during snowfall, they could stop due to accumulated snow on the windscreen. If the windscreen wipers stop due to accumulated snow on the windscreen, park the vehicle in a safe place, turn the wiper switch off, and then remove the accumulated snow. If the wiper switch is turned to another position other than OFF, the wipers will operate. If the wipers do not operate even though the wiper switch is turned to a position other than OFF, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

▼ Windscreen Wipers

Turn the wipers on by pressing the lever up or down.

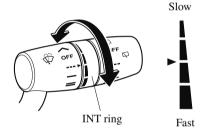
With intermittent wiper



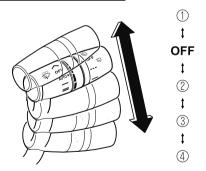
Switch Position			
No.	Type A	Type B	Wiper operation
1	\	MIST	Operation while pulling up lever
OFF			Stop
2		INT	Intermittent
3		LO	Low speed
4		HI	High speed

Variable-speed intermittent wipers

Set the lever to the intermittent position and choose the interval timing by rotating the ring.



With auto-wiper control



Switch Position			ition	
I	No.	Type A	Type B	Wiper operation
	1	^	MIST	Operation while pulling up lever

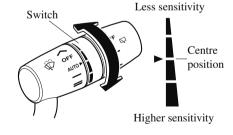
Switch Position			
No.	Type A	Type B	Wiper operation
	OFF		Stop
2	AU- TO	AU- TO	Auto control
3	_	LO	Low speed
4	_	HI	High speed

Auto-wiper control*

When the wiper lever is in the AUTO position, the rain sensor senses the amount of rainfall on the windscreen and turns the wipers on or off automatically (off—intermittent—low speed—high speed).

The sensitivity of the rain sensor can be adjusted by turning the switch on the wiper lever.

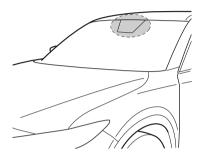
From the centre position (normal), rotate the switch upward for higher sensitivity (faster response) or rotate it downward for less sensitivity (slower response).



Switches and Controls

A CAUTION

Do not shade the rain sensor by adhering a sticker or a label on the windscreen. Otherwise the rain sensor will not operate correctly.



- When the ignition is switched ON and the wiper lever is in the AUTO position, the windscreen wipers may operate automatically in the following cases:
 - ➤ The area of the windscreen above the rain sensor is touched or wiped with a cloth.
 - The windscreen or the rain sensor area in the cabin is hit.

When the ignition is switched ON and the wiper lever is in the AUTO position, do not touch the windscreen or the windscreen wipers Otherwise, the windscreen wipers will operate automatically which could catch your fingers or damage the windscreen wipers.

When removing ice or snow, or cleaning the windscreen, always make sure the wiper lever is in the OFF position.

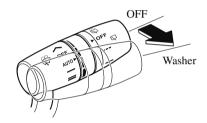
- · Switching the auto-wiper lever from the OFF to the AUTO position while driving activates the windscreen wipers once, after which they operate according to the rainfall amount.
- The auto-wiper control may not operate when the rain sensor temperature is about –10 °C (14 °F) or lower, or about 85 °C (185 °F) or higher.
- · If the windscreen is coated with water repellent, the rain sensor may not be able to sense the amount of rainfall correctly and auto-wiper control may not operate properly.
- If dirt or foreign matter (Such as ice or matter containing salt water) adheres to the windscreen above the rain sensor or if the windscreen is iced, it could cause the wipers to move automatically. However, if the wipers cannot remove this ice, dirt or foreign matter, the auto-wiper control will stop operation. In this case, set the wiper lever to the low speed position or high speed position for manual operation, or remove the ice, dirt or foreign matter by hand to restore the auto-wiper operation.
- If the auto-wiper lever is left in the AUTO position, the wipers could operate automatically from the effect of strong light sources, electromagnetic waves, or infrared light because the rain sensor uses an optical sensor. It is recommended that the auto-wiper lever be switched to the OFF position other than when driving the vehicle under rainy conditions.

• The auto-wiper control functions can be turned off.

Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Windscreen Washer

Pull the lever toward you and hold it to spray washer fluid.



NOTE

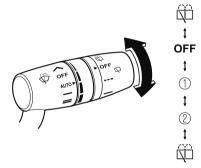
If the windscreen washer is turned on when the windscreen wipers are not operating, the windscreen wipers operate a few times.

If the washer does not work, inspect the fluid level (page 6-32). If the fluid level is normal, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Rear Window Wiper and Washer

The ignition must be switched ON to use the wiper.

▼ Rear Window Wiper



Turn the wiper on by turning the rear wiper/washer switch.

Switch Position			
No.	Type A	Type B	Wiper operation
OFF			Stop
1		INT	Intermittent
2	_	ON	Normal

▼ Rear Window Washer

To spray washer fluid, turn the rear wiper/washer switch to either of the position. After the switch is released, the washer will stop.

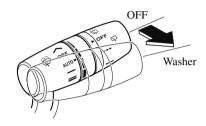
If the washer does not work, inspect the fluid level (page 6-32). If the fluid level is normal and the washer still does not work, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Switches and Controls

Headlight Washer*

The engine must be started and the headlights must be turned on.

If you want to operate headlight washers, double flick the wiper lever.



NOTE

- When the windscreen washer is operated for the first time after turning on the headlights, the headlight washers operate automatically.
- If air enters the headlight washer fluid pipe under conditions such as when the vehicle is brand-new or after an empty washer tank is replenished with washer fluid, washer fluid will not spray even when the wiper lever is operated. If this occurs, perform the following procedure:
 - 1. Start the engine.
 - 2. Turn on the headlights.
 - 3. Double flick the wiper lever several times until the washer fluid sprays.

Rear Window Defogger

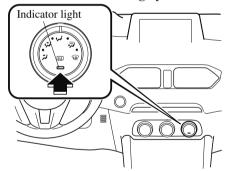
The rear window defogger clears fog from the rear window.

The ignition must be switched ON to use the defogger.

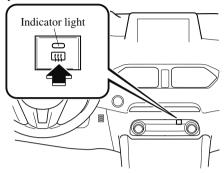
Press the switch to turn on the rear window defogger. The rear window defogger operates for about 15 minutes and then turns off automatically. The indicator light illuminates when the defogger is operating.

To turn off the rear window defogger before the 15 minutes has elapsed, press the switch again.

Manual Air-Conditioning System



Fully Automatic Air-Conditioning System





➤ Do not use sharp instruments or window cleaners with abrasives to clean the inside of the rear window surface. They may damage the defogger grid inside the window

NOTE

- This defogger is not designed for melting snow. If there is an accumulation of snow on the rear window, remove it before using the defogger.
- The rear window defogger setting can be changed. After changing the setting, the rear window defogger stops automatically after 15 minutes have elapsed and when the ambient temperature is high. When the ambient temperature is low, it continues to operate until the switch is pressed again.

Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

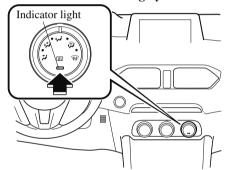
▼ Mirror Defogger*

The mirror defoggers defrost the outside mirrors.

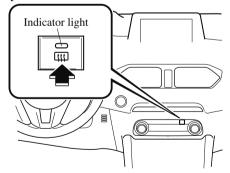
The mirror defoggers operate in conjunction with the rear window defogger.

To turn on the mirror defoggers, switch the ignition ON and press the rear window defogger switch (page 4-100).

Manual Air-Conditioning System



Fully Automatic Air-Conditioning System

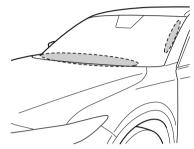


Switches and Controls

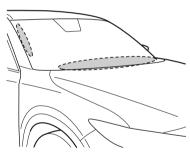
▼ Windscreen Wiper De-icer*

The thermal filaments at the following positions heat up and facilitate the removal of snow accumulated on the windscreen.

Left-Hand Drive Model



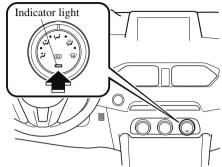
Right-Hand Drive Model



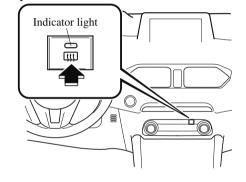
The windscreen wiper de-icer operates in conjunction with the rear window defogger.

To turn on the windscreen wiper de-icer, switch the ignition ON and press the rear window defogger switch (page 4-100).

Manual Air-Conditioning System



Fully Automatic Air-Conditioning System

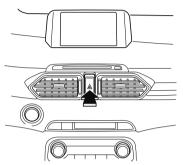


Horn

To sound the horn, press the mark on the steering wheel.

Hazard Warning Flasher

The hazard warning lights should always be used when you stop on or near a roadway in an emergency.



The hazard warning lights warn other drivers that your vehicle is a traffic hazard and that they must take extreme caution when near it.



Depress the hazard warning flasher and all the direction indicators will flash. The hazard warning indicator lights in the instrument cluster flash simultaneously.

- The direction indicators do not work when the hazard warning lights are on.
- · Check local regulations about the use of hazard warning lights while the vehicle is being towed to verify that it is not in violation of the law.
- · If the brake pedal is depressed while driving on slippery roads, the emergency signal system could operate causing all the turn and lane change signals to flash. Refer to Emergency Signal System on page 4-113.

Switches and Controls

· While the emergency signal system is operating, all the direction indicators automatically flash rapidly to caution the driver of a vehicle following behind your vehicle of a sudden braking situation. Refer to Emergency Signal System on page 4-113.

Brake System

▼ Foot Brake

This vehicle has power-assisted brakes that adjust automatically through normal use.

Should power-assist fail, you can stop by applying greater force than normal to the brake pedal. But the distance required to stop will be greater than usual.

MARNING

Do not coast with the engine stalled or turned off, find a safe place to stop:

Coasting with the engine stalled or turned off is dangerous. Braking will require more effort, and the brake's power-assist could be depleted if you pump the brake. This will cause longer stopping distances or even an accident.

Shift to a lower gear when going down steep hills:

Driving with your foot continuously on the brake pedal or steadily applying the brakes for long distances is dangerous. This causes overheated brakes, resulting in longer stopping distances or even total brake failure. This could cause loss of vehicle control and a serious accident. Avoid continuous application of the brakes.

Dry off brakes that have become wet by driving slowly, releasing the accelerator pedal and lightly applying the brakes several times until the brake performance returns to normal:

Driving with wet brakes is dangerous. Increased stopping distance or the vehicle pulling to one side when braking could result in a serious accident. Light braking will indicate whether the brakes have been affected.

A CAUTION

- Do not drive with your foot held on the brake pedal. Doing so could result in the following:
 - The brake parts will wear out more quickly.
 - ➤ The brakes can overheat and adversely affect brake performance.
- Always depress the brake pedal with the right foot. Applying the brakes with the unaccustomed left foot could slow your reaction time to an emergency situation resulting in insufficient braking operation.

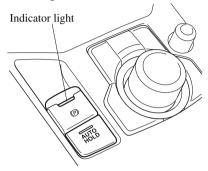


Wear shoes appropriate for driving in order to avoid your shoe contacting the brake pedal when depressing the accelerator pedal.

Brake

▼ Electric Parking Brake (EPB)

The EPB equipment applies the parking brake using an electric motor. When the parking brake is applied, the EPB switch indicator light turns on.



MARNING

Do not drive the vehicle with the parking brake applied:

If the vehicle is driven with the parking brake applied, the brake parts may generate heat and the brake system may not operate, leading to an accident. Before driving, release the parking brake and verify that the EPB indicator light is turned off.

NOTE

- The parking brake cannot be applied or released while the lead-acid battery is dead.
- · If the EPB is repeatedly applied and released it may stop operating to prevent overheating of the motor. If this occurs, wait approx. I minute before operating the EPB switch again.

- An operation sound occurs when applying or releasing the parking brake, however, this does not indicate a malfunction.
- · If the EPB is not used for long periods, an automatic inspection of the system is performed while the vehicle is parked. An operation sound can be heard, however, this does not indicate a problem.
- · When the parking brake is applied and the ignition is switched OFF, an operation sound can be heard, however, this does not indicate a problem.
- The brake pedal may move while the parking brake is being applied or released, however, this does not indicate a problem.
- · If the EPB switch is continually pulled while driving the vehicle, the parking brake will be applied and the EPB warning beep will be activated. When the switch is released, the parking brake is released and the beep stops.
- If the parking brake is applied with the ignition switched off or in ACC, the EPB indicator light in the instrument cluster and the indicator light in the switch may turn on for 15 seconds.
- · When running the vehicle through an automatic car wash, it may be necessary to switch the ignition off with the parking brake released depending on the type of automatic car wash.

When applying the parking brake

The parking brake can be applied regardless of the ignition switch position. Securely depress the brake pedal and pull up the EPB switch.

The parking brake is applied and the EPB indicator light and the EPB switch indicator light turn on.

Refer to If a Warning Light Turns On or Flashes on page 7-42.

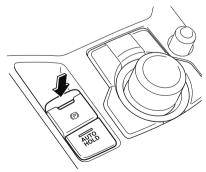


When releasing the parking brake

The parking brake can be released while the ignition is switched ON or the engine is running. When the parking brake is released, the EPB indicator light and the EPB switch indicator light turn off.

Parking brake manual release

Firmly depress the brake pedal and press the EPB switch.



If the EPB switch is pressed without depressing the brake pedal, the display or indicator light in the instrument cluster notifies the driver that the brake is not depressed.

(Type A/B instrument cluster)

A message is displayed on the multi-information display in the instrument cluster.

Refer to Message Indicated in Multi-information Display on page 7-60.

(Type C instrument cluster)

The brake pedal operation demand indicator light (green) in the instrument cluster turns on.



Parking brake automatic release

If the accelerator pedal is depressed with the parking brake applied and all of the following conditions met, the parking brake is released automatically.

- The engine is running.
- · The driver's door is closed.
- · The driver's seat belt is fastened.
- · Selector lever is in the D, M, or R position

NOTE

If something such as the driver's foot contacts the accelerator pedal with the engine running and the parking brake applied, the parking brake may be released automatically. If you do not intend to drive immediately, shift the selector lever to the P or N position.

Brake

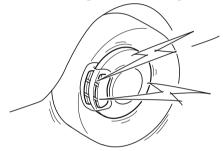
▼ Warning Light

The warning light turns on when the system has a malfunction.

Contact an expert repairer (we recommend an Authorised Mazda Repairer) and Have Vehicle Inspected on page 7-46.

▼ Brake Pad Wear Indicator

When the disc brake pads become worn, the built-in wear indicators contact the disc plates. This causes a screeching noise to warn that the pads should be replaced.



When you hear this noise, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.



Do not drive with worn disc pads:

Driving with worn disc pads is dangerous. The brakes could fail and cause a serious accident. As soon as you hear a screeching noise consult an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

In high humidity weather conditions, brake noises, such as brake squeak or brake squeal can be heard. It does not indicate a malfunction.

▼ Brake Assist

During emergency braking situations when it is necessary to depress the brake pedal with greater force, the brake assist system provides braking assistance, thus enhancing braking performance.

When the brake pedal is depressed hard or depressed more quickly, the brakes apply more firmly.

- · When the brake pedal is depressed hard or depressed more quickly, the pedal will feel softer but the brakes will apply more firmly. This is a normal effect of the brake assist operation and does not indicate a malfunction.
- When the brake pedal is depressed hard or depressed more quickly, a motor/ pump operation noise may be heard.
 This is a normal effect of the brake assist and does not indicate a malfunction.
- The brake assist equipment does not supersede the functionality of the vehicle's main braking system.

AUTOHOLD

The AUTOHOLD function automatically holds the vehicle stopped, even if you take your foot off the brake pedal. This function can be best used while stopped in traffic or at a traffic light. The brakes are released when you start driving the vehicle.



Do not rely completely on the AUTOHOLD function:

The AUTOHOLD function is only designed to assist the brake operation while the vehicle is stopped. Neglecting to operate the brakes and relying only on the AUTOHOLD system is dangerous and could result in an unexpected accident if the vehicle were to suddenly move. Operate the brakes appropriately in accordance with the road and surrounding conditions. Note that the vehicle may move suddenly depending on the vehicle's load or if it is towing something.

Do not release your foot from the brake pedal while the vehicle is stopped on a steep grade: Because there is a possibility of the vehicle not being held in the stopped position by the AUTOHOLD function, the vehicle may move unexpectedly and result in an accident.

Do not use the AUTOHOLD function on slippery roads such as icy or snow-covered roads, or unpaved roads:

Even if the vehicle is held in the stopped position by the AUTOHOLD function, the vehicle may move unexpectedly and result in an accident. Operate the accelerator pedal, brakes, or steering wheel appropriately as necessary.

Immediately depress the brake pedal in the following cases:

Because the AUTOHOLD function is cancelled forcibly, the vehicle may move unexpectedly and result in an accident.

> The brake pedal operation demand warning light (red) flashes and the warning sound is activated at the same time.



➤ [Brake Hold Unavailable Depress Brake to Hold Position] is displayed in the multi-information display and the warning sound is activated at the same time.

Brake

Always apply the parking brake when parking the vehicle:

Not applying the parking brake when parking the vehicle is dangerous as the vehicle may move unexpectedly and result in an accident. When parking the vehicle, shift the selector lever to the P position and apply the parking brake.

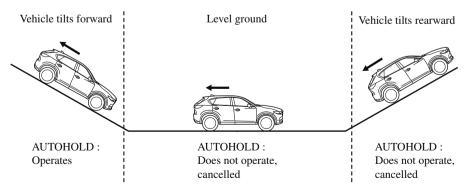


If you stop operating the accelerator pedal before the vehicle starts moving, the force holding the vehicle in the stopped position may weaken. Firmly depress the brake pedal or depress the accelerator pedal to accelerate the vehicle.

NOTE

- · Under the following conditions, a problem with the AUTOHOLD is occurring. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
 - The brake pedal operation demand warning light (red) in the instrument cluster flashes and the warning sound is activated for about 5 seconds while the AUTOHOLD is operating or when you press the AUTOHOLD switch.
 - · A message is indicated on the multi-information display and a warning sound is activated for about 5 seconds while the AUTOHOLD is operating or when your press the AUTOHOLD switch.
- · If you switch the ignition OFF while the AUTOHOLD is operating, the parking brake is applied automatically to assist you with parking the vehicle.
- The AUTOHOLD is cancelled when the selector lever is shifted to R position while the vehicle is on level ground, or facing up a hill or grade (as shown below).

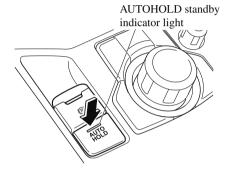
: Driving in reverse (selector lever in R)



• The brake pedal response may change, sound may occur from the brakes, or the brake pedal could vibrate from the operation of the AUTOHOLD function. However, this does not indicate a malfunction.

▼ To Turn On AUTOHOLD System

Press the AUTOHOLD switch and when the AUTOHOLD standby indicator light turns on, the AUTOHOLD function turns on.



NOTE

When all of the following conditions are met, the AUTOHOLD standby indicator light turns on when the AUTOHOLD switch is pressed and the AUTOHOLD function turns on.

- The ignition is switched ON (engine is running or stopped by i-stop).
- · The driver's seat belt is fastened.
- · The driver's door is closed.
- There is no problem with the AUTOHOLD function.

To operate AUTOHOLD and hold the brakes

- 1. Depress the brake pedal and bring the vehicle to a complete stop.
- 2. The AUTOHOLD active indicator light in the instrument cluster turns on and the brakes are held.

HOLD

The vehicle is held in its stopped position even with the brake pedal released.

NOTE

When all of the following conditions are met, the AUTOHOLD operates and the brakes are held.

- The ignition is switched ON (engine is running or stopped by i-stop).
- · The vehicle is stopped.
- \cdot The brake pedal is being depressed.
- The AUTOHOLD active indicator light turns on.
- \cdot The accelerator pedal is not depressed.
- The driver's seat belt is fastened.
- · The driver's door is closed.
- There is no problem with the AUTOHOLD function.
- · The parking brake is released.
- There is no problem with the Electric Parking Brake (EPB) function.

Brake

• The selector lever is in a position other than R position or the vehicle tilts forward with the selector lever in the R position.

To release AUTOHOLD and start driving the vehicle

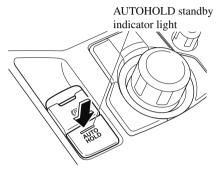
If you try to resume driving the vehicle, the brakes release automatically and the AUTOHOLD active indicator light turns off.

NOTE

- · If the Electric Parking Brake (EPB) switch is pulled while the AUTOHOLD is operating, the parking brake is applied and the AUTOHOLD is released. In addition, if the parking brake is released under this condition, the AUTOHOLD operates to hold the brakes.
- · Under the following conditions, the parking brake is automatically applied and the AUTOHOLD is released. The AUTOHOLD is re-enabled when the conditions before the AUTOHOLD is released are restored.
 - · The driver's seat belt is unfastened.
 - · The driver's door is opened.
- · When about 10 minutes or longer have passed since the AUTOHOLD operation started, the parking brake is automatically applied. Because the AUTOHOLD is restored when releasing the parking brake, the hold on the brakes by AUTOHOLD function resumes.

▼ To Turn Off AUTOHOLD System

Depress the brake pedal and press the AUTOHOLD switch. The AUTOHOLD is turned off and the AUTOHOLD standby indicator light turns off.



- · When the brakes are not held such as while driving the vehicle, the AUTOHOLD can be turned off only by pressing the AUTOHOLD switch.
- · (Type A/B instrument cluster)
 If the AUTOHOLD switch is pressed without depressing the brake pedal while AUTOHOLD is operating (AUTOHOLD active indicator light in instrument cluster is turned on), the message Brake Pedal Must Be Depressed to Deactivate Auto Hold System is indicated on the multi-information display to notify the driver to depress the brake pedal.

· (Type C instrument cluster)

If the AUTOHOLD switch is pressed without depressing the brake pedal while the AUTOHOLD is operating (AUTOHOLD active indicator light is turned on), the brake pedal operation demand indicator light (green) in the instrument cluster turns on to notify the driver that it is necessary to depress the brake pedal.



- · If any of the following conditions occurs while the AUTOHOLD function is operating (AUTOHOLD active indicator light is turned on), the parking brake is applied automatically and the AUTOHOLD function turns off. For the Electric Parking Brake (EPB) operation, refer to the Electric Parking Brake (EPB) on page 4-106.
 - · The ignition is switched OFF.
 - There is a problem with the AUTOHOLD function.
- Turn off the AUTOHOLD before switching OFF the ignition so that the parking brake is not applied automatically.

Emergency Signal System

If you apply the brakes suddenly while driving at a speed of about 55 km/h (34 mph) or faster, the emergency signal system automatically and rapidly flashes all the direction indicator lights to caution drivers behind your vehicle of the sudden braking situation.

NOTE

· Flashing

When you bring your vehicle to a complete stop while all the direction indicator lights are flashing rapidly, the rapid flashing of all the direction indicator lights changes back to the normal flashing pattern. When the hazard warning light switch is pressed, all of the direction indicator lights turn off.

· Operation

- · When the ABS operates, the emergency signal system is more likely to operate. Therefore, if the brake pedal is depressed on a slippery road, all of the direction indicator lights may flash.
- The emergency signal system does not operate when the hazard warning light switch is pressed.

Brake

Hill Launch Assist (HLA)

HLA is a function which assists the driver in accelerating from a stop while on a slope. When the driver releases the brake pedal and depresses the accelerator pedal while on a slope, the function prevents the vehicle from rolling. The braking force is maintained automatically after the brake pedal is released on a steep grade. HLA operates on a downward slope when the selector lever is in the reverse (R) position, and on an upward slope when the selector lever is in a forward gear.

MARNING

Do not rely completely on HLA:

HLA is an auxiliary device for accelerating from a stop on a slope. The system only operates for about 2 seconds and therefore, relying only on the system, when accelerating from a stop is dangerous because the vehicle may move (roll) unexpectedly and cause an accident. The vehicle could roll depending on the vehicle's load or if it is towing something. Always confirm the safety around the vehicle before starting to drive the vehicle.

- · HLA does not operate on a gentle slope. In addition, the gradient of the slope on which the system will operate changes depending on the vehicle's load.
- · HLA does not operate if the parking brake is applied, or if the vehicle has not stopped completely.
- · HLA is operating, the brake pedal may feel stiff and vibrate, however, this does not indicate a malfunction.

- · HLA does not operate while the TCS/DSC indicator light is illuminated. Refer to Contact an expert repairer (we recommend an Authorised Mazda Repairer) and Have Vehicle Inspected on page 7-46.
- · HLA does not turn off even if the TCS OFF switch is pressed to turn off the TCS

Antilock Brake System (ABS)

The ABS control unit continuously monitors the speed of each wheel. If one wheel is about to lock up, the ABS responds by automatically releasing and reapplying that wheel's brake.

The driver will feel a slight vibration in the brake pedal and may hear a chattering noise from the brake system. This is normal ABS system operation. Continue to depress the brake pedal without pumping the brakes.

The warning light turns on when the system has a malfunction.

Contact an expert repairer (we recommend an Authorised Mazda Repairer) and Have Vehicle Inspected on page 7-46.



Do not rely on ABS as a substitute for safe driving:

The ABS cannot compensate for unsafe and reckless driving, excessive speed, tailgating (following another vehicle too closely), driving on ice and snow, and hydroplaning (reduced tyre friction and road contact because of water on the road surface). You can still have an accident.

- · Braking distances may be longer on loose surfaces (snow or gravel, for example) which usually have a hard foundation. A vehicle with a normal braking system may require less distance to stop under these conditions because the tyres will build up a wedge of surface layer when the wheels skid.
- The sound of the ABS operating may be heard when starting the engine or immediately after starting the vehicle, however, it does not indicate a malfunction.

ABS/TCS/DSC/Off-Road Traction Assist

Traction Control System (TCS)

The Traction Control System (TCS) enhances traction and safety by controlling engine torque and braking. When the TCS detects driving wheel slippage, it lowers engine torque and operates the brakes to prevent loss of traction.

This means that on a slick surface, the engine adjusts automatically to provide optimum power to the drive wheels, limiting wheel spin and loss of traction. The warning light turns on when the system has a malfunction.

Contact an expert repairer (we recommend an Authorised Mazda Repairer) and Have Vehicle Inspected on page 7-46.

▲ WARNING

Do not rely on the Traction Control System (TCS) as a substitute for safe driving:

The Traction Control System (TCS) cannot compensate for unsafe and reckless driving, excessive speed, tailgating (following another vehicle too closely), and hydroplaning (reduced tyre friction and road contact because of water on the road surface). You can still have an accident.

Use snow tyres or tyre chains and drive at reduced speeds when roads are covered with ice and/or snow:

Driving without proper traction devices on snow and/or ice-covered roads is dangerous. The Traction Control System (TCS) alone cannot provide adequate traction and you could still have an accident.

NOTE

To turn off the TCS, press the TCS OFF switch (page 4-117).

▼ TCS/DSC Indicator Light



This indicator light stays on for a few seconds when the ignition is switched ON. If the TCS or DSC is operating, the indicator light flashes.

If the light stays on, the TCS, DSC or the brake assist system may have a malfunction and they may not operate correctly. Take your vehicle to an expert repairer (we recommend an Authorised Mazda Repairer).

- In addition to the indicator light flashing, a slight labouring sound will come from the engine. This indicates that the TCS/DSC is operating properly.
- · On slippery surfaces, such as fresh snow, it will be impossible to achieve high rpm when the TCS is on.

▼ TCS OFF Indicator Light*

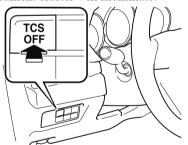
TCS OFF

This indicator light stays on for a few seconds when the ignition is switched ON. It also illuminates when the TCS OFF switch is pressed and TCS is switched off. Refer to TCS OFF Switch on page 4-117.

If the light remains illuminated and the TCS is not switched off, take your vehicle to an expert repairer (we recommend an Authorised Mazda Repairer). The DSC may have a malfunction.

▼ TCS OFF Switch*

Press the TCS OFF switch to turn off the TCS. The TCS OFF indicator light in the instrument cluster will illuminate.



Press the switch again to turn the TCS back on. The TCS OFF indicator light will turn off.

- · When the TCS is on and you attempt to free the vehicle from being stuck, the TCS will activate. Depressing the accelerator will not increase engine power and freeing the vehicle from being stuck might be difficult. When this happens, turn off the TCS.
- If the TCS is off when the engine is turned off, it automatically activates when the ignition is switched ON.
- · Leaving the TCS on will provide the best traction.
- · If the TCS OFF switch is pressed and held for 10 seconds or more, the TCS OFF switch malfunction detection function operates and the TCS system activates automatically. The TCS OFF indicator light turns off while the TCS system is operative.

Dynamic Stability Control (DSC)

The Dynamic Stability Control (DSC) automatically controls braking and engine torque in conjunction with systems such as ABS and TCS to help control side slip when driving on slippery surfaces, or during sudden or evasive manoeuvring, enhancing vehicle safety.

Refer to ABS (page 4-115) and TCS (page 4-116).

DSC operation is possible at speeds greater than 20 km/h (12 mph).

The warning light turns on when the system has a malfunction.

Contact an expert repairer (we recommend an Authorised Mazda Repairer) and Have Vehicle Inspected on page 7-46.

MARNING

Do not rely on the Dynamic Stability Control as a substitute for safe driving:

The Dynamic Stability Control (DSC) cannot compensate for unsafe and reckless driving, excessive speed, tailgating (following another vehicle too closely), and hydroplaning (reduced tyre friction and road contact because of water on the road surface). You can still have an accident.

A CAUTION

- ➤ The DSC may not operate correctly unless the following are observed:
 - ➤ Use tyres of the correct size specified for your Mazda on all 4 wheels.
 - ➤ Use tyres of the same manufacturer, brand and tread pattern on all 4 wheels.
 - Do not mix worn tyres.
- The DSC may not operate correctly when tyre chains are used or a temporary spare tyre is installed because the tyre diameter changes.

▼ TCS/DSC Indicator Light



This indicator light stays on for a few seconds when the ignition is switched ON. If the TCS or DSC is operating, the indicator light flashes.

If the light stays on, the TCS, DSC or the brake assist system may have a malfunction and they may not operate correctly. Take your vehicle to an expert repairer (we recommend an Authorised Mazda Repairer).

Off-Road Traction Assist*

When the vehicle tyres become embedded in mud, sand, or deep snow, the Off-Road Traction Assist functions to prevent drive-wheel spinning and to assist in freeing tyres that are stuck.

Do not drive over rough rocky roads and

Do not drive over rough rocky roads and river beds.



Do not rely completely on the Off-Road Traction Assist.

The Off-Road Traction Assist has limitations. Always drive the vehicle safely according to the road conditions. Do not drive the vehicle recklessly, otherwise it may result in an accident. In addition, do not drive the vehicle under the following conditions while the Off-Road Traction Assist is operating. Otherwise, it could negatively affect the drivetrain parts which could result in an accident.

- ➤ Vehicle is driven on paved roads.
- Temporary spare tyre or tyres of a different specified size are used.
- > Tyre chains are used.



The Off-Road Traction Assist is a function to assist in freeing tyres that are stuck. When it is not necessary to use this function, avoid driving the vehicle continuously with the Off-Road Traction Assist on.

(Vehicle equipped with Type A/B instrument cluster)

If the vehicle is driven continuously with the Off-Road Traction Assist on, the AWD warning indication may be displayed.

(Vehicle equipped with Type C instrument cluster)

If the vehicle is driven continuously with the Off-Road Traction Assist on, the AWD warning light may flash. Refer to If a Warning Light Turns On or

Reter to It a Warning Light Turns On or Flashes on page 7-42.

NOTE

The vehicle may vibrate or you might hear an operation sound while the Off-Road Traction Assist is operating or is operational, however, this does not indicate a problem.

▼ Off-Road Traction Assist Indicator Light



- When the ignition is switched ON, the indicator light turns on and then turns off after a few seconds.
- When pressing the Off-Road Traction
 Assist switch to operate the Off-Road
 Traction Assist, the indicator light turns on.
- A problem in the system might be indicated under the following conditions. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).
 - The indicator light does not turn on when the ignition is switched ON or it remains on.

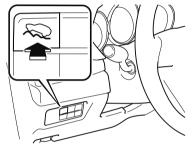
ABS/TCS/DSC/Off-Road Traction Assist

• The indicator light turns on even though the Off-Road Traction Assist was not operated.

▼ Off-Road Traction Assist Switch

When the switch is pressed after stopping the vehicle, the Off-Road Traction Assist becomes operational.

The Off-Road Traction Assist indicator light in the instrument cluster turn on.



If the switch is pressed again, the Off-Road Traction Assist is stopped and the Off-Road Traction Assist indicator light turn off.

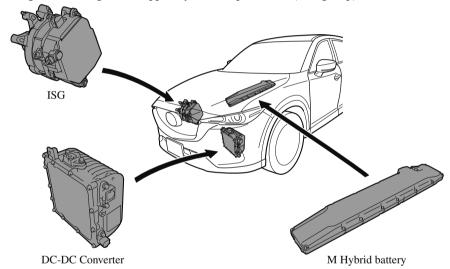
NOTE

If the engine is stopped with the Off-Road Traction Assist operational, the Off-Road Traction Assist is stopped when the engine is started the next time.

Mazda M Hybrid*

▼ Mazda M Hybrid

Mazda M Hybrid uses the Integrated Starter-Generator (ISG) with excellent power generation efficiency to generate electricity from the kinetic energy generated when the vehicle decelerates. The system uses the electrical power stored in the Mazda M Hybrid battery, which is a large-capacity battery to improve driveability and fuel economy by reducing engine load and providing motor assist. In addition, the ISG provides quiet engine restarting after the engine is stopped by the i-stop function (idling stop).





- ➤ The following parts are extremely hot and have high-current electricity flowing through them, therefore do not touch them.
 - > ISG
 - > DC-DC Converter
 - ➤ Mazda M Hybrid battery
- If the driver's door is opened under the following conditions, the vehicle determines that the driver is trying to leave the driver's seat, a warning sound notifying the driver of possible danger is activated, and the warning indication is displayed.
 - The engine is running.
 - The selector lever is in a position other than P or N.

Mazda M Hybrid

- ▶ If there is a problem with Mazda M Hybrid, a warning indication is displayed.
- ➤ Mazda M Hybrid operation status is displayed on the system operation status display of the fuel efficiency monitor.

Refer to the Information section in the Mazda Connect Owner's Manual.

▼ Unique Mazda M Hybrid Characteristics

Mazda M Hybrid vehicles have a unique sound and vibration which differ from normal vehicles. The following may occur, however, this is unique to Mazda M Hybrid and it does not indicate a problem.

Characteristic	Occurrence status/location
Operation sound of deceleration regeneration	An operational sound can be heard from the engine compartment during decel- eration.
Relay operation sound of Mazda M Hybrid battery	An operational sound can be heard from the vehicle underfloor when the engine is started and stopped.

▼ Mazda M Hybrid battery

Mazda M Hybrid is equipped with a special battery.



Heed the following cautions to prevent burns and electrical shock:

- Never remove and disassemble the brackets and connectors securing the terminal part, wiring harness, and the Mazda M Hybrid battery.
- ➤ Never touch the Mazda M Hybrid battery because it becomes extremely hot under direct sunlight or after driving.

Because the Mazda M Hybrid battery is especially dangerous when wet, never touch it.

NOTE

The Mazda M Hybrid battery has a certain battery life. Battery life differs depending on how the vehicle is used and the driving conditions.

Charging the Mazda M Hybrid battery

The Mazda M Hybrid battery is charged automatically during engine operation and by deceleration regeneration. Therefore, it is not necessary to charge the battery from outside of the vehicle.



Drive the vehicle for about 30 minutes once every few months because self-discharge occurs gradually if the vehicle is not driven for a long period of time. If the Mazda M Hybrid battery becomes completely discharged and Mazda M Hybrid cannot be activated, contact an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Mazda M Hybrid Precautions

For vehicle maintenance or repairs, or when scrapping the vehicle, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Handling the Mazda M Hybrid battery

Technical knowledge and skill are necessary in handling the Mazda M Hybrid battery.



To ensure safe and correct handling of the Mazda M Hybrid battery, always heed the following precautions:

- Do not remove the Mazda M Hybrid battery.
- Do not resell, transfer, or modify the Mazda M Hybrid battery.
- Do not use the battery on vehicles other than those equipped with the Mazda M Hybrid battery.

If the Mazda M Hybrid battery is not handled properly, the following may occur and cause serious injury:

- ➤ Touching an unattended or illegally abandoned Mazda M Hybrid battery may cause electrocution.
- ➤ If the Mazda M Hybrid battery is used on a vehicle other than one equipped with Mazda M Hybrid (including modified vehicles), accidents such as electrocution, heat generation, smoking, combustion, and explosions, or an electrolyte leakage may occur.

Scrapping Your Vehicle and Disposing of the Mazda M Hybrid battery

The Mazda M Hybrid battery must be recycled to prevent accidents involving it. When scrapping your vehicle, replacing the Mazda M Hybrid battery, or disposing of the Mazda M Hybrid battery, consult an expert repairer (we recommend an

Authorised Mazda Repairer). Please cooperate in ensuring that the vehicle's Mazda M Hybrid battery is recycled.

M WARNING

Dispose of the Mazda M Hybrid battery appropriately:

If the Mazda M Hybrid battery is not recycled appropriately, such as by leaving it unattended or illegally abandoning it, some other person may touch it which could cause electrocution leading to serious injury.

If an Accident Occurs

If the vehicle is involved in a collision, Mazda M Hybrid may stop operating. In this case, the charging system warning light turns on and Mazda M Hybrid cannot activate. Park the vehicle in a safe place immediately and contact an expert repairer (we recommend an Authorised Mazda Repairer).



Never touch the areas where high current is flowing:

Never touch a Mazda M Hybrid related part. Otherwise, it could lead to an electrical shock or burns causing serious injury.

Never touch electrical wiring that may be protruding into or outside of the cabin:

Otherwise, it could lead to an electrical shock or burns causing serious injury.

Mazda M Hybrid

Never touch any area where electrolyte is visible or electrolyte is leaking from the area:

If electrolyte from the Mazda M Hybrid battery gets in the eyes or on the skin, it could cause loss of vision or skin reactions. If electrolyte comes into contact with the eyes, do not rub them, and after flushing with water for 15 minutes or longer, seek medical attention immediately. In addition, if electrolyte comes into contact with the skin, wash the areas with soap and water thoroughly. If you feel any abnormality in your body, seek medical attention immediately.

Do not come near the vehicle if electrolyte is leaking from the Mazda M Hybrid battery:

Even if the Mazda M Hybrid battery is damaged, large quantities of electrolyte will not flow out due to the internal structure of the battery, however, in the unlikely event that it does, it will produce steam. The steam contains properties that can irritate the eyes and skin, and could cause acute poisoning if absorbed.

Never approach objects that are on fire or extremely hot:

Electrolyte in the Mazda M Hybrid battery may cause a fire. If the vehicle catches fire, extinguish the fire using a fire extinguisher (type ABC, BC, or C). Only extinguish a fire with water when a large amount of water is available such as from a fire hydrant. Using a small amount of water may cause the fire to spread.

Mazda intelligent Drive Select (Mi-Drive)*

▼ Mazda intelligent Drive Select (Mi-Drive)

Mi-drive is a system that switches the drive modes depending on the driving conditions, road conditions and vehicle conditions.

The mode can be switched from normal to sport or off-road.

Sport mode*

This mode enhances vehicle responsiveness when the accelerator pedal is depressed.

This provides additional quick acceleration which may be needed to safely make manoeuvres such as lane changes, merging onto freeways, or passing other vehicles.

Off-road mode*

This mode helps prevent drive-wheel spinning during off-road driving and improves driving performance.

And this mode also assists in freeing tyres that are stuck.

Use this mode to drive the vehicle on slippery roads such as muddy, sandy, or deep-snowy roads.

Warnings and cautions when using Mi-Drive

WARNING

- Do not rely completely on the Mi-Drive system.
- ➤ Vehicle stability is limited even when Mi-drive is activated.
- Always drive the vehicle safely. Do not drive the vehicle recklessly, otherwise it may result in an accident.
- Use Off-road mode when driving on slippery roads such as muddy, sandy, or deep-snowy roads. During normal driving, use normal mode.

▲ CAUTION

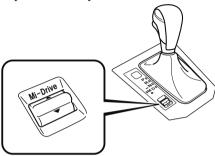
- Do not use the sport mode when driving on slippery roads such as wet or snow-covered roads. It may cause tyre slipping.
- Heed the following cautions so that the system can operate normally.
 - ➤ Always use tyres of the specified size, same manufacturer, brand, and pattern (tread pattern) for the front and rear wheels.
 - ➤ Do not use tyres with significantly different wear patterns on the same vehicle.
- ➤ Drive carefully when using tyre chains. Because the diameter of the tyres differs, the system may not operate normally.

Mazda intelligent Drive Select (Mi-Drive)

How to use Mi-Drive

Type A

1. Push the Mi-Drive switch forward or pull it toward you.



 While checking the list displayed in the instrument cluster, push the Mi-Drive switch forward or pull it toward you to select a drive mode.

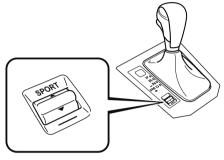


When the drive mode is set, the display in the instrument cluster changes.

Refer to Mazda intelligent Drive Select (Mi-Drive) Display on page 4-30.

Type B

1. Press the Mi-Drive switch forward (SPORT) to select the sport mode.



2. Instrument Cluster (Type A)

When the drive mode is set, the display in the instrument cluster changes. Refer to Mazda intelligent Drive Select (Mi-Drive) Display on page 4-30.

Instrument Cluster (Type B/C)

When the sport mode is selected, the select mode indicator light turns on in the instrument cluster.

SPORT

3. Pull the Mi-Drive switch back (OFF) to cancel the sport mode.

- Depending on the driving conditions when sport mode is selected, the vehicle may perform shift-down or slightly accelerate.
- · When the sport mode is selected, driving at higher engine speeds increases and it may increase fuel consumption. Mazda recommends that you cancel the sport mode on normal driving.
- Instrument Cluster (Type A)

 The driving mode in which the display in the instrument cluster is grayed out cannot be selected.

Mazda intelligent Drive Select (Mi-Drive)

- When the ignition is switched OFF, the mode returns to normal mode.
- The drive mode cannot be switched in the following cases.
 - The Antilock Brake System (ABS) is operating.
 - The Traction Control System (TCS) is operating.
 - The Dynamic Stability Control (DSC) is operating.
 - The steering wheel is being operated abruptly.
- · In the following cases, the sport mode is cancelled
 - · The ignition is switched OFF.
 - · Cruise control is set.
 - · Mazda Radar Cruise Control (MRCC) system is set.
 - Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) system is set.
 - · Cruising & Traffic Support (CTS) is set
- The vehicle may vibrate or you might hear an operation sound while the Off-road mode is operating or is operational, however, this does not indicate a problem.

i-ACTIV AWD

i-ACTIV AWD Operation*

AWD provides excellent drivability on snow-covered and ice-packed roads, sand and mud, as well as on steep slopes and other slippery surfaces.

A system malfunction or operation conditions are indicated by a warning. Contact an expert repairer (we recommend an Authorised Mazda Repairer) and Have Vehicle Inspected on page 7-46.

⚠ WARNING

Never spin a wheel that is off the ground:

Spinning a wheel that is off the ground as a result of the vehicle being stuck or in a ditch is dangerous. The drive assembly could be seriously damaged which could lead to an accident or could even lead to overheating, oil leakage, and a fire.

▼ AWD Driving



Avoid sharp turns, excessive speed and abrupt manoeuvres when driving this vehicle:

Sharp turns, excessive speed and abrupt manoeuvring of this vehicle is dangerous as it could result in the increased risk of loss of vehicle control, vehicle roll-over, personal injury or death.

This vehicle has a higher centre of gravity. Vehicles with a higher centre of gravity such as utility and AWD vehicles handle differently than vehicles with a lower centre of gravity.

Utility and AWD vehicles are not designed for cornering at high speeds any more than low profile sports cars are designed to perform satisfactorily under off-road conditions. In addition, utility vehicles have a significantly higher rollover rate than other types of vehicles.

Drive carefully when the vehicle is loaded by lowering vehicle speed and applying the brakes earlier:

Abrupt manoeuvring and sudden braking when driving a loaded vehicle is dangerous as the driving behaviour of a vehicle with a high centre of gravity is different when it is loaded compared to when it is not, and could result in the loss of vehicle control and an accident.

▼ Tyres and Tyre Chains

The condition of the tyres plays a large role in the performance of the vehicle.

Moreover, to prevent adverse effects to the drive assembly, please note the following:

Tyres

- All tyres must be of the same size, manufacture, brand and tread pattern.
 Pay particular attention when equipping snow or other types of winter tyres.
- Do not mix unevenly worn tyres or tread-worn tyres with normal tyres.
- Inspect tyre inflation pressures at the specified periods adjust to the specified pressures.

NOTE

Check the tyre inflation pressure label attached to driver's door frame for the correct tyre inflation pressure.

• Unevenly worn tyres, mismatched manufacturers, models, or brands can be different in size even if the printed size on the tyre is the same. AWD functionality may be limited or potential damage to the AWD system may occur with tyres of different sizes.

Tyre chains

- · Install tyre chains to the front tyres.
- · Do not use tyre chains on the rear wheels
- Do not drive the vehicle faster than 30 km/h (19 mph) with the tyre chains installed.
- Do not drive the vehicle with tyre chains on road conditions other than snow or ice.

▼ Towing

If the vehicle requires towing, have it towed with all 4 wheels completely off the ground.

Refer to Towing Description on page 7-38.

Power Steering

Power Steering

- Power steering is only operable when the engine is running. If the engine is off or if the power steering system is inoperable, you can still steer, but it requires more physical effort. If the steering feels stiffer than usual during normal driving or the steering vibrates, consult an expert repairer (we recommend an Authorised Mazda Repairer).
- The warning indication/warning light notifies the driver of system abnormalities and operation conditions. In addition, the buzzer may also activate depending on the system abnormality or operation condition.

 Refer to Stop Vehicle in Safe Place Immediately on page 7-42.

 Refer to Power Steering Warning Buzzer on page 7-68.

A CAUTION

Never hold the steering wheel to the extreme left or right for more than 5 seconds with the engine running. This could damage the power steering system.

i-ACTIVSENSE is a collective term covering a series of advanced safety and driver support systems which make use of a Forward Sensing Camera (FSC) and radar sensors. These systems consist of active safety and pre-crash safety systems.

These systems are designed to assist the driver in safer driving by reducing the load on the driver and helping to avert collisions or reduce their severity. However, because each system has its limitations, always drive carefully and do not rely solely on the systems.

▼ Active Safety Technology

Active Safety Technology supports safer driving by helping the driver to recognise potential hazards and avert accidents.

Driver awareness support systems

Nighttime visibility

Adaptive Front Lighting System (AFS)page 4-13	35
Adaptive LED Headlights (ALH)page 4-13	38
High Beam Control System (HBC)page 4-13	36
Left/right side and rear side detection	
Lane Departure Warning System (LDWS)page 4-20	08
Blind Spot Monitoring (BSM)page 4-14	41
Road sign recognition	
Traffic Sign Recognition System (TSR)page 4-14	47
Inter-vehicle distance recognition	
Distance Recognition Support System (DRSS)page 4-15	53
Driver fatigue detection	
Driver Attention Alert (DAA)page 4-15	57
Rear obstruction detection when leaving a parking space	
Rear Cross Traffic Alert (RCTA)page 4-15	59
Full-surround recognition	
360°View Monitor (Mazda Connect (Type A))page 4-24	45
360°View Monitor (Mazda Connect (Type B))	

<u>Driver support systems</u>
Inter-vehicle distance
Mazda Radar Cruise Control (MRCC)
Lane departure
Lane-keep Assist System (LAS)page 4-208
Inter-vehicle distance and lane keeping
Cruising & Traffic Support (CTS)page 4-190
Speed control
Adjustable Speed Limiter (ASL)page 4-222
▼ Pre-Crash Safety Technology
Pre-crash safety technology is designed to assist the driver in averting collisions or reduce their severity in situations where they cannot be avoided.
Collision damage reduction in low vehicle speed range
Forward driving
Smart City Brake Support [Forward] (SCBS F)
Reverse driving
Smart City Brake Support [Reverse] (SCBS R)page 4-239
Collision damage reduction in medium/high speed range
Smart Brake Support (SBS)page 4-243

▼ Camera and Sensors

Forward Sensing Camera (FSC)

The Forward Sensing Camera (FSC) detects lane indications and recognises headlights, tail lights and city lights during nighttime driving. In addition, it also detects the vehicle ahead, pedestrians, or obstructions. The following systems also use the Forward Sensing Camera (FSC).

- · High Beam Control System (HBC)
- · Adaptive LED Headlights (ALH)
- · Driver Attention Alert (DAA)
- · Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS)
- · Cruising & Traffic Support (CTS)
- · Traffic Sign Recognition System (TSR)
- · Advanced Smart City Brake Support (Advanced SCBS)
- · Smart City Brake Support [Forward] (SCBS F)
- · Smart Brake Support (SBS)
- · Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function)

The Forward Sensing Camera (FSC) is installed at the top of the windscreen near the rearview mirror.

Refer to Forward Sensing Camera (FSC) on page 4-301.

Radar sensor (front)

The radar sensor (front) functions by detecting the radio waves reflected off a vehicle ahead sent from the radar sensor. The following systems also use the radar sensor (front).

- · Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function)
- · Mazda Radar Cruise Control (MRCC)
- · Distance Recognition Support System (DRSS)
- · Cruising & Traffic Support (CTS)
- · Smart Brake Support (SBS)

The radar sensor (front) is mounted behind the radiator grille.

Refer to Radar Sensor (Front) on page 4-307.

Radar sensors (rear)

The radar sensors (rear) function by detecting the radio waves reflected off a vehicle approaching from the rear or an obstruction sent from the radar sensors. The following systems also use the radar sensors (rear).

- · Blind Spot Monitoring (BSM)
- · Rear Cross Traffic Alert (RCTA)

The radar sensors (rear) are installed inside the rear bumper, one each on the left and right sides.

Refer to Radar Sensors (Rear) on page 4-310.

Ultrasonic sensors (rear)

The ultrasonic sensors (rear) function by detecting the ultrasonic waves reflected off obstructions at the rear sent from the ultrasonic sensors. The following systems also use the ultrasonic sensors (rear).

· Smart City Brake Support [Reverse] (SCBS R)

The ultrasonic sensors (rear) are mounted in the rear bumper.

Refer to Ultrasonic Sensors (Rear) on page 4-312.

Front camera/side cameras/rear view camera

The front camera, side cameras, and rear camera shoot images of the area surrounding the vehicle. The 360° View Monitor uses each camera.

Cameras are installed to the front bumper, door mirrors, and liftgate.

Refer to Front Camera/Side Cameras/Rear Camera on page 4-313.

Adaptive Front Lighting System (AFS)*

The adaptive front lighting system (AFS) automatically adjusts the headlight beams to the left or right in conjunction with the operation of the steering wheel after the headlights have been turned on.

NOTE

- · Headlights do not blind drivers approaching in the opposite direction no matter what side of the road you must drive your vehicle (left-hand or right-hand traffic). Therefore, it is not necessary to adjust the optical axis of the headlights when switching temporarily to driving on the opposite side of the road (left-hand or right-hand traffic).
- The Adaptive Front Lighting System (AFS) function can be switched to operable/inoperable using the personalisation function.

 Refer to Refer to the Settings section in the Mazda Connect Owner's Manual.

High Beam Control System (HBC)*

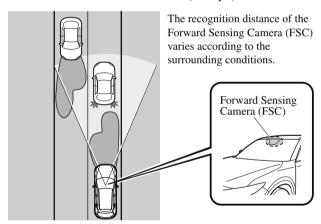
The HBC determines the conditions in front of the vehicle using the Forward Sensing Camera (FSC) while driving in darkness to automatically switch the headlights between high and low beams.

Refer to Forward Sensing Camera (FSC) on page 4-301.

While driving the vehicle at a speed of about 30 km/h (19 mph) or more, the headlights are switched to high beams when there are no vehicles ahead or approaching in the opposite direction.

The system switches the headlights to low beams when one of the following occurs:

- The system detects a vehicle or the headlights/lights of a vehicle approaching in the opposite direction.
- The vehicle is driven on roads lined with streetlamps or on roads in well-lit cities and towns.
- The vehicle is driven at less than about 20 km/h (12 mph).



The warning light turns on when the system has a malfunction.

Refer to Contact expert repairer (we recommend an Authorised Mazda Repairer) and Have Vehicle Inspected on page 7-46.



- ➤ Do not adjust the vehicle height, modify the headlight units, or remove the camera, otherwise the system will not operate normally.
- > Do not rely excessively on the HBC and drive the vehicle while paying sufficient attention to safety. Switch the headlights between the high beams and low beams manually if necessary.

NOTE

The timing in which the system switches the headlights changes under the following conditions. If the system does not switch the headlights appropriately, manually switch between high and low beams according to the visibility as well as road and traffic conditions.

- · When there are sources of light in the area such as streetlamps, illuminated signboards, and traffic signals.
- · When there are reflective objects in the surrounding area such as reflective plates and signs.
- · When visibility is reduced under rain, snow and foggy conditions.
- · When driving on roads with sharp turn or hilly terrain.
- · When the headlights/rear lamps of vehicles in front of you or in the opposite lane are dim or not illuminated.
- · When there is insufficient darkness such as at dawn or dusk.
- · When the luggage compartment is loaded with heavy objects or the rear passenger seats are occupied.
- · When visibility is reduced due to a vehicle in front of you spraying water from its tyres onto your windscreen.

▼ To Operate the System

The HBC operates to switch the headlights automatically between high and low beams after the ignition is switched ON and the headlight switch is in the AUTO and high beam position.

The HBC determines that it is dark based on the brightness of the surrounding area. At the same time, the HBC indicator light (green) in the instrument cluster illuminates.



NOTE

- · When the vehicle speed is about 30 km/h (19 mph) or more, the headlights automatically switch to high beams when there are no vehicles ahead or approaching in the opposite direction. When the vehicle speed is less than about 20 km/h (12 mph), the HBC switches the headlights to low beams.
- The low beams may not switch to high beams when cornering.
- · Operation of the HBC function can be disabled. Refer to the Settings section in the Mazda Connect Owner's Manual.

▼ Manual Switching

Switching to low beams

Shift the lever to the low beam position. The HBC indicator light (green) turns off.

Switching to high beams

Turn the headlight switch to the $\mathbb{E}^{\mathbb{Q}}$ position.

The HBC indicator light (green) turns off and the ≣○ is illuminated.

Adaptive LED Headlights (ALH)*

The ALH are a system which uses the Forward Sensing Camera (FSC) to determine the situation of a vehicle ahead or a vehicle approaching in the opposite direction while driving at night to automatically switch the illumination range of the headlights, the illuminated area, or the illumination brightness. Refer to Forward Sensing Camera (FSC)

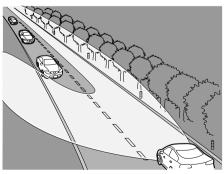
on page 4-301.
The ALH are controlled between high and low beams as follows to assure the driver's

visibility without dazzling a vehicle ahead or a vehicle approaching in the opposite direction.

Glare-Free High Beam

This feature dims only the high-beam light shone on the vehicle ahead.

The high beams will dim while driving at a speed of about 40 km/h (25 mph) or faster. When the vehicle speed is less than about 30 km/h (19 mph), the beams switch to the low beams.

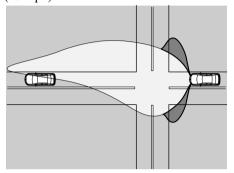


NOTE

The headlight high-beam indicator light turns on while the high beams are on.

Wide-Range Low Beam

This feature extends the illumination range of the light cast by the low beams while driving at a speed less than about 40 km/h (25 mph).



Highway Mode

This feature shifts the illumination angle of the light cast by the headlights upward while driving on highways.



The distance in which the ALH can detect objects varies depending on the surrounding conditions.



- Do not modify the suspensions or headlight units, or remove the camera. Otherwise, the ALH may not operate normally.
- Do not rely excessively on the ALH and drive the vehicle while paying sufficient attention to safety. Switch the headlights between the high beams and low beams manually if necessary.

NOTE

Under the following conditions, the ALH may not operate normally. Manually switch between the high and low beams according to the visibility, and the road and traffic conditions.

- When there are other sources of light in the area such as streetlamps, illuminated signboards, and traffic signals.
- When there are reflective objects in the surrounding area such as reflective plates and signs.
- · When visibility is reduced under rain, snow and foggy conditions.
- · When driving on roads with sharp curves or undulations.
- · When the headlights/rear lamps of vehicles ahead or in the opposite lane are dim or not illuminated.
- · When there is insufficient darkness such as at dawn or dusk.
- When the luggage compartment is loaded with heavy objects or the rear passenger seats are occupied.
- When visibility is reduced due to a vehicle ahead spraying water from its tyres onto your windscreen.

▼ To Operate the System

The system switches the headlights to the high beams after the ignition is switched ON and the headlight switch is in the AUTO position. The ALH indicator light (green) in the instrument cluster turns on simultaneously.



The ALH determine that it is nighttime based on the brightness of the surrounding area.

The system cancels operation when the headlight switch is turned to a position other than AUTO, the headlights are manually switched to low beams, or the high beams are flashed on and off.

NOTE

The system can be changed so that the ALH do not operate.

Refer to the Settings section in the Mazda Connect Owner's Manual.

▼ Manual Switching

Switching to low beams

Shift the lever to the low beam position. The ALH indicator light (green) turns off.

Switching to high beams

Turn the headlight switch to the $\equiv \bigcirc$ position.

The ALH indicator light (green) turns off and the ≣○ is illuminated.

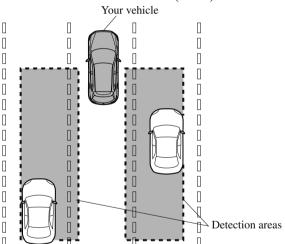
Blind Spot Monitoring (BSM)*

The BSM is designed to assist the driver in checking the area to the rear of the vehicle on both sides during lane changes by notifying the driver of the presence of vehicles approaching from the rear in an adjacent lane.

The BSM detects vehicles approaching from the rear while travelling in the forward direction at a speed of 30 km/h (19 mph) or faster and notifies the driver by turning on the BSM warning indicator light and displaying the vehicle detection screen (vehicles with instrument cluster (Type A/B) and active driving display).

If the direction indicator lever is operated to signal a turn in the direction in which the BSM warning indicator light is illuminated while the approaching vehicle is detected, the BSM notifies the driver of possible danger by turning on the BSM warning indicator light, and by activating the warning sound and the warning screen indicator display (vehicles with instrument cluster (Type A/B) and active driving display).

The detection area on this system covers the driving lanes on both sides of the vehicle and from the rear part of the front doors to about 50 m (164 ft) behind the vehicle.





Always check the surrounding area visually before making an actual lane change:

The system is only designed to assist you in checking for vehicles at your rear when making a lane change. Due to certain limitations with the operation of this system, the BSM warning indicator light, the warning sound and the warning screen indicator display may not activate or they might be delayed even though a vehicle is in an adjacent driving lane. Always make it your responsibility as a driver to check the rear.

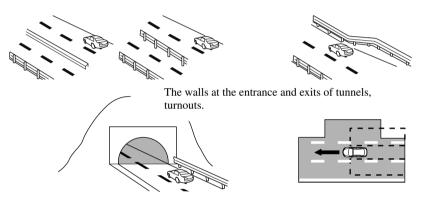
NOTE

- The BSM will operate when all of the following conditions are met:
 - · The ignition is switched ON.
 - The BSM OFF indicator light in the instrument cluster is turned off.
 - The vehicle speed is about 30 km/h (19 mph) or faster.
- The BSM will not operate under the following circumstances.
 - The vehicle speed falls below about 25 km/h (15 mph) even though the BSM OFF indicator light is turned off.
 - The selector lever is shifted to R position and the vehicle is reversing.
 - The turning radius is small (making a sharp turn, turning at intersections).
- In the following cases, the BSM OFF indicator light turns on and operation of the system is stopped. If the BSM OFF indicator light remains illuminated, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
 - · Some problem with the system including the BSM warning indicator lights is detected.
 - · A large deviation in the installation position of a radar sensor (rear) on the vehicle has occurred.
 - There is a large accumulation of snow or ice on the rear bumper near a radar sensor (rear). Remove any snow, ice or mud on the rear bumper.
 - · Driving on snow-covered roads for long periods.
 - The temperature near the radar sensors (rear) becomes extremely hot due to driving for long periods on slopes during the summer.
 - · The lead-acid battery voltage has decreased.
- · Under the following conditions, the radar sensors (rear) cannot detect target objects or it may be difficult to detect them.
 - A vehicle is in the detection area at the rear in an adjacent driving lane but it does not approach. The BSM determines the condition based on radar detection data.
 - A vehicle is travelling alongside your vehicle at nearly the same speed for an extended period of time.
 - $\cdot \textit{ Vehicles approaching in the opposite direction}.$
 - A vehicle in an adjacent driving lane is attempting to pass your vehicle.
 - A vehicle is in an adjacent lane on a road with extremely wide driving lanes. The detection area of the radar sensors (rear) is set at the road width of expressways.
- In the following case, the flashing of the BSM warning indicator light, and the activation of the warning sound and the warning screen indicator display may not occur or they may be delayed.
 - A vehicle makes a lane change from a driving lane 2 lanes over to an adjacent lane.
 - · Driving on steep slopes.
 - $\cdot \ Crossing \ the \ summit \ of \ a \ hill \ or \ mountain \ pass.$

- When there is a difference in the height between your driving lane and the adjacent lane.
- · Directly after the BSM system becomes operable by changing the setting.
- If the road width is extremely narrow, vehicles 2 lanes over may be detected. The detection area of the radar sensors (rear) is set according to the road width of expressways.
- The BSM warning indicator light may turn on and the vehicle detection screen may be displayed in the display in reaction to stationary objects (guardrails, tunnels, sidewalls, and parked vehicles) on the road or the roadside.

Objects such as guardrails and concrete walls running alongside the vehicle.

Places where the width between guardrails or walls on each side of the vehicle narrows.



- · A BSM warning indicator light may flash or the warning beep and the warning screen indicator display may be activated several times when making a turn at a city intersection.
- Turn off the BSM while pulling a trailer or while an accessory such as a bicycle carrier is installed to the rear of the vehicle. Otherwise, the radar's radio waves will be blocked causing the system to not operate normally.
- In the following cases, it may be difficult to view the illumination/flashing of the BSM warning indicator lights equipped on the door mirrors.
 - \cdot Snow or ice is adhering to the door mirrors.
 - · The front door glass is fogged or covered in snow, frost or dirt.
- The system switches to the Rear Cross Traffic Alert function when the selector lever is shifted to the reverse (R) position.

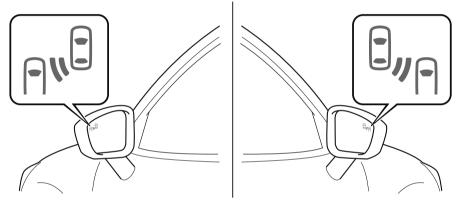
Refer to Rear Cross Traffic Alert (RCTA) on page 4-159.

▼ Blind Spot Monitoring (BSM) Warning Indicator Lights/Blind Spot Monitoring (BSM) Warning Beep

The BSM or Rear Cross Traffic Alert (RCTA) system notifies the driver of the presence of vehicles in adjacent lanes or at the rear of the vehicle using the BSM warning indicator light, the warning sound and the display indicator (vehicles with instrument cluster (Type A/B) and active driving display) (BSM) while the systems are operational.

BSM warning indicator lights

The BSM warning indicator lights are equipped on the left and right door mirrors. The warning indicator lights turn on when a vehicle approaching from the rear in an adjacent lane is detected.



When the ignition is switched ON, the warning indicator light turns on momentarily and then turns off after a few seconds.

Forward driving (BSM operation)

The BSM detects vehicles approaching from the rear and turns on the BSM warning indicator lights equipped on the door mirrors according to the conditions. Additionally, while a BSM warning indicator light is illuminated, if the direction indicator lever is operated to signal a turn in the direction in which the BSM warning indicator light is illuminated, the BSM warning indicator light flashes.

Reverse driving (Rear Cross Traffic Alert (RCTA) system operation)

The Rear Cross Traffic Alert (RCTA) system detects a vehicle approaching from the rear of the vehicle and flashes the BSM warning indicator lights.

Function for cancelling illumination dimmer

If the BSM warning indicator lights turn on when the position lights are turned on, the brightness of the BSM warning indicator lights is dimmed.

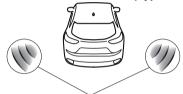
If the BSM warning indicator lights are difficult to see due to glare from surrounding brightness when travelling on snow-covered roads or under foggy conditions, press the dimmer cancellation button to cancel the dimmer and increase the brightness of BSM warning indicator lights when they turn on.

Refer to Instrument Panel Illumination on page 4-27, 4-46, 4-64.

Display indicator (Vehicles with multi-information display and active driving display)

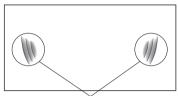
The detected approaching vehicle and warning are displayed in the multi-information display and active driving display when the vehicle is moving forward (BSM operational).

Multi-information Display Instrument Cluster (Type A/B)



Detection and warning indicator

Active Driving Display



Detection and warning indicator

The detected direction is displayed with a detection indicator (white) when an approaching vehicle is detected. In addition, if the direction indicator lever is operated to signal a lane change while the vehicle is detected, the display changes the colour (amber) of the warning indicator.

BSM warning beep

The BSM warning beep is activated simultaneously with the flashing of a BSM warning indicator light.

▼ Cancelling Operation of Blind Spot Monitoring (BSM)

The BSM and Rear Cross Traffic Alert (RCTA) systems are turned off and the BSM OFF indicator light in the instrument cluster turns on.



Vehicles with BSM OFF switch

When the BSM OFF switch is pressed, the BSM and Rear Cross Traffic Alert (RCTA) systems are turned off and the

BSM OFF indicator light in the instrument cluster turns on.



If the switch is pressed again, the BSM and Rear Cross Traffic Alert (RCTA) systems become operable and the BSM OFF indicator light turns off.

NOTE

When the ignition is switched OFF, the system status before it was turned off is maintained. For example, if the ignition is switched OFF while the BSM and Rear Cross Traffic Alert (RCTA) systems are operable, the BSM and Rear Cross Traffic Alert (RCTA) systems remain operable the next time the ignition is switched ON.

Vehicles without BSM OFF switch

The BSM system can be set to inoperable. Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

When the BSM is set to inoperable, the BSM and Rear Cross Traffic Alert (RCTA) systems are turned off and the BSM OFF indicator light in the instrument cluster turns on.

NOTE

When the ignition is switched OFF, the system status before it was turned off is maintained. For example, if the ignition is switched OFF while the BSM and Rear Cross Traffic Alert (RCTA) systems are operational, the BSM and Rear Cross Traffic Alert (RCTA) systems remain operational the next time the ignition is switched ON

Traffic Sign Recognition System (TSR)*

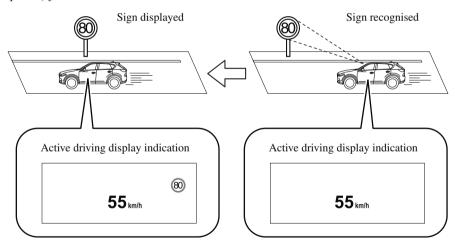
The TSR helps prevent the driver from overlooking traffic signs, and provides support for safer driving by displaying traffic signs on the active driving display which are recognised by the Forward Sensing Camera (FSC) or recorded in the navigation system while the vehicle is driven.

The TSR displays the speed limit (including auxiliary signs), do not enter, and passing prohibited signs (windscreen type).

If the vehicle speed exceeds the speed limit sign indicated in the active driving display while the vehicle is driven, the system notifies the driver using the indication in the active driving display and a warning sound.

NOTE

- The TSR is not supported in some countries or regions. For information concerning the supported countries or regions, consult an expert repairer (we recommend an Authorised Mazda Repairer).
- The TSR operates only if the navigation system SD card (Mazda genuine) is inserted in the SD card slot. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for details.



WARNING

Always check the traffic signs visually while driving.

The TSR helps prevent the driver from overlooking traffic signs and provides support for safer driving. Depending on the weather conditions or problems with traffic signs, a traffic sign may not be recognised or a traffic sign different from the actual traffic sign may be displayed. Always make it your responsibility as a driver to check the actual traffic signs. Otherwise, it could result in an accident.

NOTE

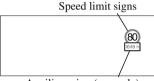
- The TSR does not operate if there is a malfunction in the Forward Sensing Camera (FSC).
- · Under the following conditions, the TSR may not operate normally.
 - An object placed on the instrument panel is reflected in the windscreen and picked up by the camera.
 - · Heavy luggage is loaded in the luggage compartment or on the rear seat and the vehicle is tilted.
 - The tyre pressures are not adjusted to the specified pressure.
 - Tyres other than standard tyres are equipped.
 - The vehicle is driven on the ramp and surrounding area to or from a rest area or a tollgate on a highway.
 - When surrounding brightness suddenly changes such as when entering or exiting a tunnel.
 - The illumination of the headlights is weakened because of dirt or the optical axis is deviated.
 - · The windscreen is dirty or foggy.
 - · The windscreen and camera are fogged (water droplets).
 - · Strong light is directed at the front of the vehicle (such as backlight or high-beam headlights of on-coming vehicles).
 - The vehicle is making a sharp turn.
 - · Strong light reflects off the road.
 - A traffic sign is in a position which makes it difficult to reflect the light from the vehicle's headlights, such as when the vehicle is driven at night or in a tunnel.
 - · The vehicle is driven under weather conditions such as rain, fog, or snow.
 - The stored map data for the navigation system is not current.
 - · A traffic sign is obscured by mud or snow.
 - \cdot A traffic sign is concealed by trees or a vehicle.
 - $\cdot \textit{A traffic sign is partially shaded}.$
 - \cdot A traffic sign is bent or warped.
 - \cdot A traffic sign is too low or too high.

- \cdot A traffic sign is too bright or too dark (including electronic traffic signs).
- \cdot A traffic sign is too big or too small.
- There is an object similar to the traffic sign being read (such as another traffic sign or other signs resembling it).
- The TSR does not operate if the active driving display is set to non-display.
- The TSR can be set to inoperable. Refer to the Settings section in the Mazda Connect Owner's Manual.

▼ Traffic Sign Display Indication

The following traffic signs are displayed on the active driving display.

Speed limit signs (including auxiliary signs)



Auxiliary sign (example)

If the Forward Sensing Camera (FSC) cannot classify an auxiliary sign (such as time restrictions, turning restrictions, end of section) correctly, the following screen is displayed.



Inclement weather speed limit sign



Do not enter signs



Passing prohibited sign (windscreen type)



The TSR can display a passing prohibited sign and a speed limit sign at the same time



If the Forward Sensing Camera (FSC) cannot correctly recognise a traffic sign while the vehicle is driven, the following screen is displayed.



NOTE

Speed limit signs (including auxiliary signs)

- · When the vehicle speed is about 1 km/h (0.6 mph) or faster, the speed limit sign is displayed when any one of the following conditions are met.
 - The Forward Sensing Camera (FSC) recognises a speed limit sign as a sign targeted for your vehicle and the vehicle passes it.

- The speed limit sign stored in the navigation system is read (if the Forward Sensing Camera (FSC) does not recognise a speed limit sign).
- Inclement weather speed limit signs are displayed when all of the following conditions are met
 - The vehicle speed is about 1 km/h (0.6 mph) or more.
 - The Forward Sensing Camera (FSC) recognises an inclement weather speed limit sign as a sign targeted for your vehicle and the vehicle passes it.
 - The inclement weather speed limit sign is lower than the currently displayed speed limit sign.
 - · The windscreen wipers are operated.
- · In the following cases, display of the speed limit sign stops.
 - The Forward Sensing Camera (FSC) recognises the speed limit sign and the vehicle is driven for a certain distance after passing the sign.
 - · Each sensor determines that the vehicle has changed direction of travel. (The display of a speed limit sign does not stop even if the vehicle changes lanes while a "ZONE" auxiliary sign is displayed.)
 - The Forward Sensing Camera (FSC) recognises a new speed limit sign which differs from the previous one (displays the new speed limit sign).
 - The speed limit sign stored in the navigation system is not read within a certain period of time (if the Forward Sensing Camera (FSC) does not recognise a speed limit sign, the speed limit sign stored in the navigation system is displayed).

• The vehicle speed exceeds the displayed speed limit sign by 30 km/h (19 mph) or more after a certain period of time has elapsed since the speed limit sign was displayed. (Except when there is information for the speed limit sign in the navigation system)

Do not enter signs

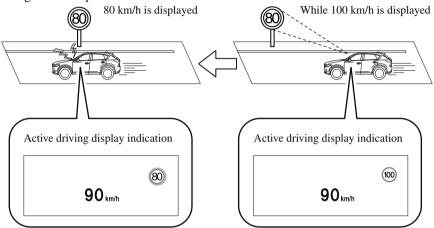
- · A do not enter sign is displayed when all of the following conditions are met.
 - The vehicle speed is about 80 km/h (50 mph) or slower.
 - The Forward Sensing Camera (FSC) recognises a do not enter sign as a sign targeted for your vehicle and the vehicle passes it.
- When the Forward Sensing Camera (FSC) recognises the do not enter sign and a certain period of time has elapsed since the vehicle passed the sign, display of the do not enter sign stops.

Passing prohibited sign (windscreen type)

- · A passing prohibited sign is displayed when all of the following conditions are met.
 - The vehicle speed is about 1 km/h (0.6 mph) or more.
 - The Forward Sensing Camera (FSC) recognises a passing prohibited sign as a sign targeted for your vehicle and the vehicle passes it.
- · In the following cases, the display of the passing prohibited sign stops.
 - The Forward Sensing Camera (FSC) recognises a passing prohibited sign and you drive a certain distance after passing the sign.
 - · You have changed vehicle lanes.

▼ Excessive Speed Warning

If the vehicle speed exceeds the speed limit sign displayed in the active driving display, the area around the speed limit sign flashes 3 times in amber and the warning sound is activated 3 times at the same time. If the vehicle speed continues to exceed the displayed speed limit sign, the indication stops flashing and remains on. Check the surrounding conditions and adjust the vehicle speed to the legal speed using the appropriate operation such as depressing the brake pedal.



The excessive speed warning is initially set to inoperable. If you want to activate the excessive speed warning, change the setting in the personalisation features. In addition, the warning pattern and the warning activation timing differ depending on the setting contents. Refer to the Settings section in the Mazda Connect Owner's Manual.

Warning pattern

- · Off: The excessive speed warning is not activated.
- · Visual: The area around the speed limit sign displayed in the display flashes 3 times in amber, and if the vehicle speed continues to exceed the displayed speed limit sign, the indication stops flashing and remains on.
- · Audio & Visual: The area around the speed limit sign displayed in the display flashes 3 times in amber and the warning sound is activated 3 times at the same time. If the vehicle speed continues to exceed the displayed speed limit sign, the indication stops flashing and remains on.

Warning activation timing

- + 0: If the vehicle speed exceeds the speed limit sign displayed in the display, the excessive speed warning is activated.
- + 5: If the vehicle speed exceeds the speed limit sign displayed in the display by 5 km/h (3 mph), the excessive speed warning is activated.

• + 10: If the vehicle speed exceeds the speed limit sign displayed in the display by 10 km/h (5 mph), the excessive speed warning is activated.

NOTE

- *In the following cases, the excessive speed warning stops operating.*
 - The vehicle speed is less than the speed of the displayed speed limit sign. (If the activation timing for the excessive speed warning is changed in the personalisation features, the excessive speed warning stops operating when the vehicle speed is less than the changed vehicle speed.
 - · A speed limit sign indication has been updated and the vehicle speed is lower than the updated indication.
 - · Display of the speed limit sign stops.
- The warning indication is displayed at the same time the excessive speed warning sound is activated if the vehicle speed exceeds the speed indicated on the speed limit sign. Refer to Warning Sound is Activated on page 7-65.
- The TSR can recognise a speed limit sign with an auxiliary sign and display it, but it cannot determine the indication on the auxiliary sign (such as time restrictions, turning restrictions, end of section). Therefore, the excessive speed warning is activated when the vehicle speed exceeds the displayed speed limit sign even if the conditions indicated on the auxiliary sign do not apply to the vehicle.
- If the Forward Sensing Camera (FSC) incorrectly recognises the actual speed limit sign at a lower speed, the excessive speed alarm is activated even if the vehicle is driven at the legal speed.

Distance Recognition Support System (DRSS)*

The DRSS measures the distance between your vehicle and a vehicle ahead using a radar sensor (front) while the vehicle speed is about 30 km/h (19 mph) or faster, and if your vehicle approaches a vehicle ahead more closely than what is appropriate for maintaining distance between the vehicles according to the vehicle speed, a notification in the multi-information display is indicated to advise you to keep a safe distance from the vehicle ahead.



Do not rely completely on the DRSS and always drive carefully:

The ability to detect a vehicle ahead is limited depending on the type of vehicle ahead, the weather conditions, and the traffic conditions. Therefore, if the accelerator and brake pedals are not operated correctly it could lead to an accident. Always verify the safety of the surrounding area and depress the brake pedal or accelerator pedal while keeping a safer distance from vehicles ahead or on-coming vehicles.

NOTE

- The DRSS operates when all of the following conditions are met:
 - · The ignition is switched ON.
 - · The DRSS is on.
 - \cdot The selector lever is in a position other than reverse (R).
 - The vehicle speed is 30 km/h or faster (19 mph or faster).
- The objects which activate the system are 4-wheeled vehicles.
- · The DRSS may also operate in the presence of motorcycles and bicycles.
- \cdot The DRSS may not operate normally under the following conditions:
 - · The Dynamic Stability Control (DSC) has a malfunction.
 - \cdot The vehicle ahead is travelling at an extremely slow speed.
- The system does not operate with the following objects:
 - · Vehicles approaching in the opposite direction.
 - · Stationary objects (stopped vehicles, obstructions)
- The DRSS can be set to inoperable.

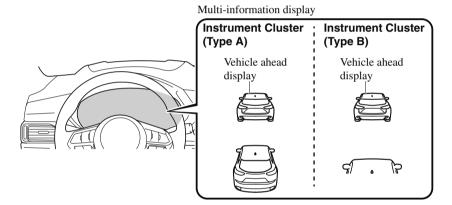
Refer to the Settings section in the Mazda Connect Owner's Manual.

▼ Indication on Display

The DRSS operation status is indicated in the multi-information display. Regarding malfunctions, check the vehicle conditions or have it inspected by an expert repairer (we recommend an Authorised Mazda Repairer) according to the content of the displayed message.

NOTE

• When the ignition is switched off, the operation status before the system was turned off is maintained. For example, if the ignition is switched off with the DRSS operable, the system will be operable when the ignition is switched ON the next time.



Distance-between-vehicles guide lines*1

	Indication on display Multi-information display		Distance be- tween vehicles
Instrument cluster (Type A)	Instrument cluster (Type B)	guide lines (During travel at about 40 km/h (25 mph)	guide lines (During travel at about 80 km/h (50 mph)
	Q . F	About 25 m (82 ft)	About 50 m (164 ft)
		About 20 m (66 ft)	About 40 m (131 ft)
		About 15 m (49 ft)	About 30 m (98 ft)

Indication	twoon vohiolos		Distance be-	
Instrument cluster (Type A)	Instrument cluster (Type B)	guide lines	guide lines (During travel at about 80 km/h (50 mph)	
		About 10 m (33 ft)	About 20 m (66 ft)	
Illuminated in amber*2	Illuminated in amber*2	About 10 m (32 ft) or less	About 20 m (65 ft) or less	

^{*1} The distance between vehicles differs depending on vehicle speed.

NOTE

· (Mazda Connect (Type A) only)

The distance at which the distance-between-vehicles indication on the display flashes or turns on can be changed.

Refer to the Settings section in the Mazda Connect Owner's Manual.

^{*2} Indication when the distance setting for notifying the driver that the vehicle approaches a vehicle ahead is Near.

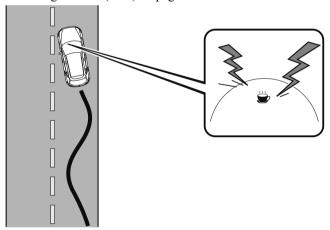
Driver Attention Alert (DAA)*

The DAA is a system which detects driver fatigue and decreased attentiveness, and encourages the driver to take a rest.

When the vehicle is driven inside traffic lane lines at about 65 to 140 km/h (40 to 87 mph), the DAA estimates the amount of accumulated fatigue and decreased attentiveness of the driver based on the information from the Forward Sensing Camera (FSC) and other vehicle information, and encourages the driver to take a rest using an indication on the multi-information display and a warning sound.

Use the DAA on expressways or highways.

Refer to Forward Sensing Camera (FSC) on page 4-301.



▲ WARNING

Do not rely completely on DAA and always drive carefully:

The DAA detects driver fatigue and decreased attentiveness and encourages the driver to take a rest, however, it is not designed to prevent the vehicle from straying. If you rely too much on the DAA it could lead to an accident. Drive carefully and operate the steering wheel appropriately.

In addition, the system may not be able to detect driver fatigue and decreased attentiveness correctly depending on the traffic and driving conditions. The driver must take sufficient rest in consideration of safer driving.

NOTE

- The DAA operates when all of the following conditions are met.
 - The vehicle speed is about 65 to 140 km/h (40 to 87 mph).
 - · The system detects white (yellow) lane lines.
 - The system has completed learning of the driver's driving data.
- The DAA does not operate under the following conditions.
 - The vehicle speed is less than about 65 km/h (40 mph).
 - · The vehicle speed exceeds about 140 km/h (87 mph)
 - · The vehicle is making a sharp turn.
 - · The vehicle is changing lanes.
 - The system cannot detect white (yellow) lane lines.
- The DAA may not operate normally under the following conditions.
 - · White (yellow) lane lines are less visible because of dirt or fading/patchiness.
 - The vehicle is jolted or swayed continuously by strong winds or rough roads.
 - · The vehicle is driven aggressively.
 - · When making frequent lane changes.
- The DAA detects driver fatigue and decreased attentiveness based on the driving data when the vehicle is driven at about 65 to 140 km/h (40 to 87 mph) for about 20 minutes. The driving data will be reset under the following conditions.
 - The vehicle is stopped for 15 minutes or longer.
 - The vehicle is driven at less than about 65 km/h (40 mph) for about 30 minutes.
 - · The ignition is switched off.
- · After the DAA has displayed the first message encouraging rest, it does not display the next one until 45 minutes have passed.

▼ Driver Attention Alert (DAA) Display (White)

When the system detects driver fatigue or decreased attentiveness, it activates the warning sound and displays an alert in the multi-information display.



Driver Attention Alert Time for a break

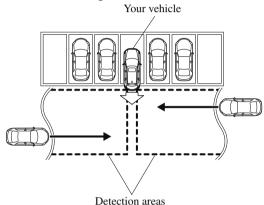
▼ Cancelling Driver Attention Alert (DAA)

The DAA can be set to not activate. Refer to the Settings section in the Mazda Connect Owner's Manual.

Rear Cross Traffic Alert (RCTA)*

The RCTA system is designed to assist the driver in checking the area to the rear of the vehicle on both sides while the vehicle is reversing by alerting the driver to the presence of vehicles approaching the rear of the vehicle.

The RCTA system detects vehicles approaching from the rear left and right sides of the vehicle, and the rear of the vehicle while the vehicle is being reversed out of a parking space, and notifies the driver of possible danger using the Blind Spot Monitoring (BSM) warning indicator lights and the warning buzzer.



RCTA operation

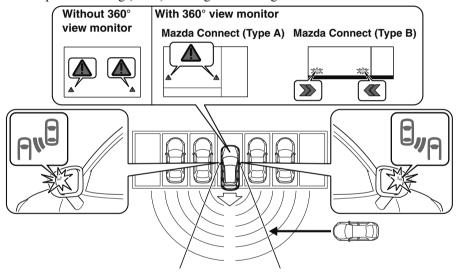
- 1. The RCTA system operates when the selector lever is shifted to the reverse (R) position.
- 2. If there is the possibility of a collision with an approaching vehicle, the Blind Spot Monitoring (BSM) warning indicator lights flashes and the warning beep is activated simultaneously.

(With rear view monitor)

The RCTA warning indication in the rearview monitor also synchronizes with the Blind Spot Monitoring (BSM) warning indicator light on the door mirrors.

(With 360° view monitor)

The RCTA warning indication in the 360° view monitor also synchronizes with the Blind Spot Monitoring (BSM) warning indicator light on the door mirrors.



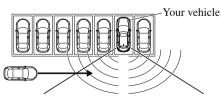
▲ WARNING

Always check the surrounding area visually before actually putting the vehicle in reverse:

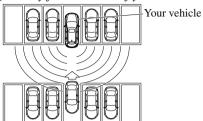
The system is only designed to assist you in checking for vehicles at the rear when putting the vehicle in reverse. Due to certain limitations with the operation of this system, the Blind Spot Monitoring (BSM) warning indicator lights may not flash or it might be delayed even though a vehicle is behind your vehicle. Always make it your responsibility as a driver to check the rear.

NOTE

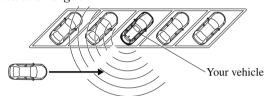
- · In the following cases, the Blind Spot Monitoring (BSM) OFF Indicator Light turns on and operation of the system is stopped. If the Blind Spot Monitoring (BSM) OFF Indicator Light remains illuminated, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
 - · Some problem with the system including the Blind Spot Monitoring (BSM) warning indicator lights has occurred.
 - · A large deviation in the installation position of a radar sensor (rear) on the vehicle has occurred.
 - There is a large accumulation of snow or ice on the rear bumper near a radar sensor (rear).
 - · Driving on snow-covered roads for long periods.
 - The temperature near the radar sensors becomes extremely hot due to driving for long periods on slopes during the summer.
 - · The lead-acid battery voltage has decreased.
- · Under the following conditions, the radar sensors (rear) cannot detect target objects or it may be difficult to detect them.
 - \cdot The vehicle speed when reversing is about 15 km/h (9 mph) or faster.
 - The radar sensor (rear) detection area is obstructed by a nearby wall or parked vehicle. (Reverse the vehicle to a position where the radar sensor detection area is no longer obstructed.)



 \cdot A vehicle is approaching directly from the rear of your vehicle.



· The vehicle is parked at an angle.



- · Directly after the Blind Spot Monitoring (BSM) system becomes operable using the personalisation feature.
- · Radio wave interference from a radar sensor equipped on a nearby parked vehicle.
- · In the following cases, it may be difficult to view the illumination/flashing of the Blind Spot Monitoring (BSM) warning indicator lights equipped on the door mirrors.
 - · Snow or ice adheres to the door mirrors.
 - The front door glass is fogged or covered in snow, frost or dirt.
- Turn off the RCTA system while pulling a trailer or while an accessory such as a bicycle carrier is installed to the rear of the vehicle. Otherwise, the radio waves emitted by the radar will be blocked causing the system to not operate normally.

Mazda Radar Cruise Control (MRCC)*

The MRCC system is designed to maintain headway control*1 with a vehicle ahead according to your vehicle's speed using a radar sensor (front) to detect the distance to the vehicle ahead and a preset vehicle speed without you having to use the accelerator or brake pedals.

*1 Headway Control: Control of the distance between your vehicle and the vehicle ahead detected by the MRCC system.

Additionally, if your vehicle starts closing in on the vehicle ahead such as if the vehicle ahead brakes suddenly, a warning sound and a warning indication in the display are activated simultaneously to alert you to maintain a sufficient distance between the vehicles. Also refer to the following before using the MRCC.

· Radar sensor (front) (page 4-307)



Do not rely completely on the MRCC:

The MRCC system has detection limitations depending on the type of vehicle ahead and its conditions, the weather conditions, and the road conditions. Additionally, the system may be unable to decelerate sufficiently to avoid hitting the vehicle ahead if the vehicle ahead applies the brakes suddenly or another vehicle cuts into the driving lane, which could result in an accident.

Always drive carefully and verify the surrounding conditions and depress the brake pedal or accelerator pedal while keeping a safer distance from vehicles ahead or on-coming vehicles.

Do not use the MRCC system in the following locations, using the MRCC system at the following locations may result in an unexpected accident:

- ➤ General roads other than highways (Driving under these conditions using the MRCC system is not possible.)
- ➤ Roads with sharp curves and where vehicle traffic is heavy and there is insufficient space between vehicles.
- ➤ Roads where frequent and repetitive acceleration and deceleration occur (Driving under these conditions using the MRCC system is not possible).
- ➤ When entering and exiting interchanges, service areas, and parking areas of highways (If you exit a highway while headway control is in use, the vehicle ahead will no longer be tracked and your vehicle may accelerate to the set speed).
- ➤ Slippery roads such as ice or snow-bound roads (Tyres could spin causing you to lose vehicle control, or the stop hold control may not operate.)
- Long, descending slopes (to maintain distance between vehicles, the system automatically and continuously applies the brakes which could result in the loss of brake power.)

Slopes with a steep gradient (The vehicle ahead may not be detected correctly, your vehicle may slide while stopped by the stop hold control, and it may accelerate suddenly after it starts moving.)

For safety purposes, switch the MRCC system off when it is not being used.

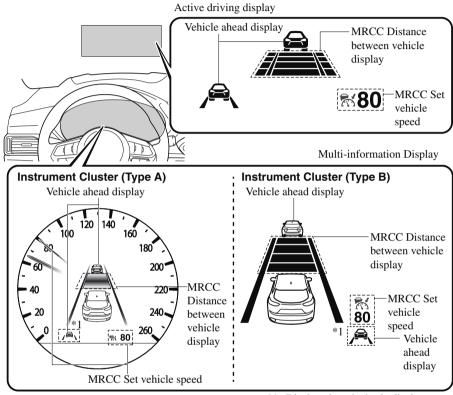


If your vehicle is towed or you are towing something, switch the MRCC system off to prevent a miss-operation.

- The MRCC system does not detect the following as physical objects.
 - · Vehicles approaching in the opposite direction
 - · Pedestrians
 - · Stationary objects (stopped vehicles, obstructions)
 - · If a vehicle ahead is travelling at an extremely low speed, the system may not detect it correctly.
- During headway control travel, do not set the system for detection of two-wheeled vehicles such as motorcycles and bicycles.
- Do not use the MRCC system under conditions in which close proximity warnings are frequently activated.
- During headway control travel, the system accelerates and decelerates your vehicle in conjunction with the speed of the vehicle ahead. However, if it is necessary to accelerate for a lane change or if the vehicle ahead brakes suddenly causing you to close in on the vehicle rapidly, accelerate using the accelerator pedal or decelerate using the brake pedal depending on the conditions.
- While the MRCC system is in use, it does not cancel even if the selector lever is operated and any intended engine braking will not occur. If deceleration is required, lower the vehicle speed setting or depress the brake pedal.
- The sound of the automatic brakes operating may be heard, however, it does not indicate a problem.
- The brake lights turn on while the MRCC automatic braking is operating, however, they may not turn on while the vehicle is on a downslope at the set vehicle speed or travelling at a constant speed and following a vehicle ahead.

▼ Mazda Radar Cruise Control (MRCC) Display Indication

The MRCC setting status and operation conditions are indicated on the multi-information display and the active driving display.



*1: Displayed on the basic display.

If there is a problem with the MRCC system, a message is displayed on the multi-information display. Check the centre display to verify the problem and then have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

Refer to Message Indicated on Display on page 7-63.

▼ Close Proximity Warning

If your vehicle rapidly closes in on the vehicle ahead because the vehicle ahead applies the brakes suddenly while you are travelling in headway control, the warning sound activates and the brake warning is indicated in the display. Always verify the safety of the surrounding area and depress the brake pedal while keeping a safer distance from the vehicle ahead. Additionally, keep a safer distance from the vehicles behind you.

BRAKE!

NOTE

In the following cases, the warnings and brakes may not operate even if your vehicle starts closing in on the vehicle ahead.

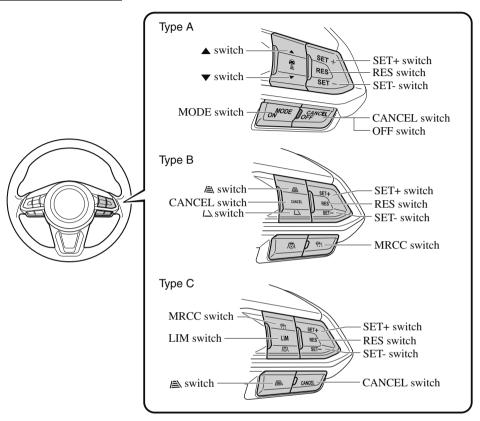
- · You are driving your vehicle at the same speed as the vehicle ahead.
- · Directly after the MRCC system has been set.
- · Directly after the accelerator pedal is released.
- · Another vehicle cuts into the driving lane.

▼ Setting the System

The MRCC system operates when all of the following conditions are met.

- · Vehicle speed is 30 km/h (19 mph) to 145 km/h (90 mph)
- · The MRCC is turned on.
- · The brake pedal is not depressed.
- The electric parking brake (EPB) is released (electric parking brake (EPB) indicator light is turned off).
- · There is no problem with the DSC.
- · All the doors are closed.
- · The driver's seat belt is fastened.
- The selector lever is in the drive (D) position or manual (M) position (manual mode).

Turning on the system



Steering wheel (Type A)

When the MODE switch is pressed once, the MRCC system turns on, and the MRCC main indication (white) turns on and the vehicle speed and the distance between the vehicles while in headway control can be set.

Steering wheel (Type B/Type C)

When the MRCC switch is pressed once, the MRCC system turns on, and the MRCC main indication (white) turns on and the vehicle speed and the distance between the vehicles while in headway control can be set.



In addition, the MRCC system display indication is displayed on the multi-information display and the active driving display at the same time.

NOTE

- · If the ignition is switched off while the MRCC system is operating, the system will be operable when the ignition is switched ON the next time.
- The MRCC can switch to the Cruise Control Function. Refer to Cruise Control Function on page 4-172.

How to set the speed

- 1. Adjust the vehicle speed to the desired setting using the accelerator pedal.
- 2. Headway control begins when the SET+ or SET- switch is pressed.

 The set speed and the inter-vehicle distance display filled with white lines is displayed.

 The MRCC main indication (white) switches to the MRCC set indication (green) at the same time.



Travel status	Indication on multi-information display		Indication on active driving
Traver status	Type A	Type B	display
During travel at constant speed	100 120 140 160 200 - 40 220 - 240 240 - 75 80 260	**************************************	ক্রি80
During travel under head- way control	120 140 160 180 200 - 40 220 - 240 240 - 260 180 260 - 260 - 260 260 - 260 260 - 260 260 260 260 260 260 260 260 260 260	80	√ ≅\ ₹80

NOTE

- · If a vehicle ahead is detected while travelling at a constant speed, the vehicle-ahead indication is displayed and headway control is performed. Additionally, when a vehicle ahead is no longer detected, the vehicle-ahead indication turns off and the system switches back to travel at constant speed.
- The lowest possible speed which can be set on the MRCC system is 30 km/h (19 mph).
- · Headway control is not possible if the vehicle ahead is driving faster than your vehicle's set speed. Adjust the system to the desired vehicle speed using the accelerator pedal.

How to set the distance-between-vehicles during headway control

Steering wheel (Type A)

The distance-between-vehicles is set to a shorter distance by pressing the ∇ switch. The distance-between-vehicles is set to a longer distance by pressing the \triangle switch. The distance-between-vehicles can be set to 4 levels; Long, medium, short, and extremely short distance.

Steering wheel (Type B)

The distance-between-vehicles can be set to 4 levels; Long, medium, short, and extremely short distance.

The distance-between-vehicles is set to a shorter distance by pressing the \triangle switch. The distance-between-vehicles is set to a longer distance by pressing the \triangle switch.

Steering wheel (Type C)

The distance-between-vehicles can be set to 4 levels; Long, medium, short, and extremely short distance.

The distance-between-vehicles is set to a shorter distance each time the 🖹 switch is pressed. However, when the 🖹 switch is pressed while the distance-between-vehicles is set to extremely short, the distance-between-vehicles is set to long.

Distance-be-	Indication on multi-information display		
tween-vehicles guideline (at 80 km/h (50 mph) vehicle speed)	Туре А	Type B	Indication on active driv- ing display*1
Long (about 50 m (164 ft))			
Medium (about 40 m (131 ft))			
Short (about 30 m (98 ft))			
Extremely short (about 25 m (82 ft))			

^{*1} Displays a pop-up image in the active driving display only when the driver operates the switch.

NOTE

• The distance-between-vehicles differs depending on the vehicle speed, and the slower the vehicle speed, the shorter the distance.

• When the ignition is switched to ACC or OFF and then the engine is started again, the system automatically sets the distance-between-vehicles to the previous setting.

How to change the set vehicle speed

To accelerate/decelerate using the SET switch

When you press the SET+ switch, the vehicle accelerates and when you press the SET- switch, it decelerates.

Short press	5 km/h (5 mph)
Long press	10 km/h (5 mph)

NOTE

For example, the set vehicle speed is changed by pressing the SET switch four times as follows:

The vehicle speed accelerates or decelerates by 20 km/h (20 mph).

To increase speed using accelerator pedal

Depress the accelerator pedal and press and release the SET+ switch or SET- switch at the desired speed. If the switch is not operated, the system returns to the set speed after you release your foot from the accelerator pedal.



The warnings and brake control do not operate while the accelerator pedal is depressed.

NOTE

- · When accelerating using the SET+ switch while in headway control, the set vehicle speed can be adjusted but acceleration is not possible. If there is no longer a vehicle ahead, acceleration continues until reaching the set vehicle speed. For the set vehicle speed, check the set vehicle speed indication in the display.
- When depressing the accelerator pedal, the inter-vehicle distance indication in the display changes to the white-line indication.

Cancelling the system

When the following operations are performed, the MRCC system is cancelled, and the MRCC set indication (green) switches to the MRCC main indication (white) at the same time.

- · The CANCEL switch is pressed.
- · The brake pedal is depressed.
- The electric parking brake (EPB) is applied.
- The selector lever is in the P (Park), N (Neutral), or R (Reverse) position.

Under the following conditions, the MRCC cancel indication is displayed in the multi-information display and a single beep sound is heard.

- · The DSC has operated.
- The Smart Brake Support (SBS) has operated.
- The Smart City Brake Support [Forward] (SCBS F) or Advanced Smart

City Brake Support (Advanced SCBS) has operated.

- · When travelling on a downslope for a long period of time.
- · There is a problem with the system.
- The radar sensor (front) cannot detect target objects (during rain, fog, snow or other inclement weather conditions, or when the radiator grille is dirty).
- The vehicle speed decreases to less than 25 km/h (16 mph).
- · Any of the doors is opened.
- · The driver's seat belt is unfastened.

Resuming control

If the MRCC system is cancelled, you can resume control at the previously set speed by pressing the RES switch and after all of the operation conditions have been met.

NOTE

If the set speed is not indicated in the display, the control does not resume even if the RES switch is pressed.

Turning off the system

Steering wheel (Type A)

Press the CANCEL switch two times while the MRCC system is operating to switch off the system.

Steering wheel (Type B/Type C)

When the MRCC switch is pressed while the MRCC is operating, the MRCC turns off.

▼ Cruise Control Function

While this function is operating, the headway control operation is cancelled and only the cruise control function operates.

The vehicle speed can be set more than about 25 km/h (16 mph).

Use the cruise control function on expressways and other highways which do not require a lot of repeated acceleration and deceleration.



Do not use the cruise control function in the following locations:

Otherwise, it could lead to an accident.

- Roads with sharp curves and where vehicle traffic is heavy and there is insufficient space between vehicles. (Driving under these conditions using the cruise control function is not possible)
- Steep down slopes (Set speed may be exceeded because sufficient engine braking cannot be applied)
- ➤ Slippery roads such as ice or snow-bound roads (Tyres could spin causing you to lose vehicle control)

Always drive carefully:

The warnings and brake control will not operate after the headway control function is cancelled and the system is switched to only the cruise control function. Depress the brake pedal to decelerate according to the surrounding conditions while keeping a safer distance from the vehicle ahead and always driving carefully.

Switching to cruise control function

Steering wheel (Type A)

When the MODE switch is pressed until the system switches to the cruise main indication (white) while the MRCC system is turned on, the system switches to the cruise control function.

Steering wheel (Type B/Type C)

Use Mazda Connect to switch to the cruise control function.

Refer to the Settings section in the Mazda Connect Owner's Manual.

When the system switches to the cruise control function, the indicator and multi-information display notify the driver as follows:

- The MRCC set indication (green) or the MRCC main indication (white) is turned off, and the cruise main indication (white) is turned on.
- · A message is displayed in the multi-information display.



Always turn off the cruise control function when it is not in use:

Leaving the cruise control function turned on when it is not in use is dangerous as it could operate unexpectedly, resulting in an accident.

How to set the speed

Adjust the system to the desired vehicle speed using the accelerator pedal. When the SET+ or SET- switch is pressed, the cruise set indication (green) is turned on and headway control begins.

NOTE

 The system may not be able to maintain the set speed constantly depending on driving conditions such as steep up or down slopes. The speed will continue increasing while the SET+ switch is pressed and held.
 The speed will continue decreasing while the SET- switch is pressed and held.

How to increase the set speed

The set speed can be increased using the following operations:

To increase speed using the SET+ switch

Press and hold the SET+ switch and release the switch at the desired speed. The set speed can be adjusted incrementally (1 km/h (1 mph) increments) by pressing the switch and releasing it immediately. For example, if the switch is pressed 4 times, the set speed increases by about 4 km/h (4 mph).

To increase speed using accelerator pedal

Depress the accelerator pedal and press the SET+ or SET- switch at the desired speed.

If the switch is not operated, the system returns to the set speed after you release your foot from the accelerator pedal.

How to Decrease the Set Speed

Press the SET— switch continuously and release the switch at the desired speed. The set speed can be adjusted incrementally (1 km/h (1 mph) increments) by pressing the switch and releasing it immediately. For example, if the switch is pressed 4 times, the set vehicle speed decreases by about 4 km/h (4 mph).

Cancelling the function

Cancelling using CANCEL switch

When the CANCEL switch is pressed once, the cruise control function is cancelled

Cancelling using MODE switch

When the MODE switch is pressed, the cruise control function is cancelled and the headway control function is made available for operation.

The cruise control function is cancelled automatically in the following cases. If the RES switch is pressed while the vehicle speed is 25 km/h (16 mph) or higher, the speed returns to the original set speed.

- · The CANCEL switch is pressed once.
- · The brake pedal is depressed.
- · The parking brake is applied.
- The selector lever is shifted to P or N position.

- If the vehicle speed decreases by about 15 km/h (9.4 mph) or more than the set speed, the cruise control function may be cancelled.
- · When the vehicle speed is less than 21 km/h (13 mph), the cruise control function is cancelled. In this case, the vehicle speed will not return to the original set speed even if the vehicle is accelerated to 25 km/h (16 mph) or higher and the RES switch is pressed. Reset the cruise control function.

Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function)*

The MRCC with Stop & Go function system is designed to maintain headway control*1 with a vehicle ahead according to your vehicle's speed using a radar sensor (front) to detect the distance to the vehicle ahead and a preset vehicle speed without you having to use the accelerator or brake pedals.

*1 Headway Control: Control of the distance between your vehicle and the vehicle ahead detected by the Mazda Radar Cruise Control (MRCC) system.

Additionally, if your vehicle starts closing in on the vehicle ahead such as if the vehicle ahead brakes suddenly, a warning sound and a warning indication in the display are activated simultaneously to alert you to maintain a sufficient distance between the vehicles. If the vehicle ahead stops while you are following behind it, your vehicle will stop and be held stopped automatically (stop hold control), and headway control will resume when you resume driving the vehicle such as by pressing the RES switch.

Also refer to the following before using the MRCC with Stop & Go function.

- · i-stop (page 4-11)
- · AUTOHOLD (page 4-109)
- · Forward Sensing Camera (FSC) (page 4-301)
- · Radar sensor (front) (page 4-307)

MARNING

Do not rely completely on the MRCC with Stop & Go function:

The MRCC with Stop & Go function system has detection limitations depending on the type of vehicle ahead and its conditions, the weather conditions, and the road conditions.

Additionally, the system may be unable to decelerate sufficiently to avoid hitting the vehicle ahead if the vehicle ahead applies the brakes suddenly or another vehicle cuts into the driving lane, which could result in an accident.

Always drive carefully and verify the surrounding conditions and depress the brake pedal or accelerator pedal while keeping a safer distance from vehicles ahead or on-coming vehicles.

Do not use the MRCC with Stop & Go function system in the following locations, using the MRCC with Stop & Go function system at the following locations may result in an unexpected accident:

- ➤ General roads other than highways (Driving under these conditions using the MRCC with Stop & Go function system is not possible.)
- > Roads with sharp curves and where vehicle traffic is heavy and there is insufficient space between vehicles.

- ➤ Roads where frequent and repetitive acceleration and deceleration occur (Driving under these conditions using the MRCC with Stop & Go function system is not possible).
- ➤ When entering and exiting interchanges, service areas, and parking areas of highways (If you exit a highway while headway control is in use, the vehicle ahead will no longer be tracked and your vehicle may accelerate to the set speed).
- ➤ Slippery roads such as ice or snow-bound roads (Tyres could spin causing you to lose vehicle control, or the stop hold control may not operate.)
- ➤ Long, descending slopes (to maintain distance between vehicles, the system automatically and continuously applies the brakes which could result in the loss of brake power.)
- Slopes with a steep gradient (The vehicle ahead may not be detected correctly, your vehicle may slide while stopped by the stop hold control, and it may accelerate suddenly after it starts moving.)

For safety purposes, switch the MRCC with Stop & Go function system off when it is not being used.

Do not get out of the vehicle while the stop hold control is operating:

Getting out of the vehicle while the stop hold control is operating is dangerous as the vehicle may move unexpectedly and result in an accident. Before getting out of the vehicle, switch the MRCC with Stop & Go function system off, shift the selector lever to the P position, and apply the parking brake.

▲ CAUTION

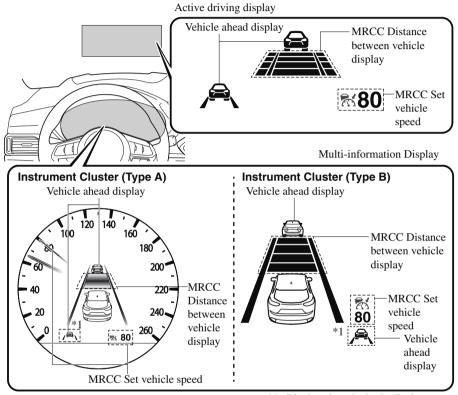
If your vehicle is towed or you are towing something, switch the MRCC with Stop & Go function system off to prevent a mis-operation.

- The MRCC with Stop & Go function system does not detect the following as physical objects.
 - · Vehicles approaching in the opposite direction
 - · Pedestrians
 - $\cdot \textit{Stationary objects (stopped vehicles, obstructions)}$
 - · If a vehicle ahead is travelling at an extremely low speed, the system may not detect it correctly.
- During headway control travel, do not set the system for detection of two-wheeled vehicles such as motorcycles and bicycles.
- Do not use the MRCC with Stop & Go function system under conditions in which close proximity warnings are frequently activated.

- During headway control travel, the system accelerates and decelerates your vehicle in conjunction with the speed of the vehicle ahead. However, if it is necessary to accelerate for a lane change or if the vehicle ahead brakes suddenly causing you to close in on the vehicle rapidly, accelerate using the accelerator pedal or decelerate using the brake pedal depending on the conditions.
- While the MRCC with Stop & Go function system is in use, it does not cancel even if the selector lever is operated and any intended engine braking does not occur. If deceleration is required, lower the set speed or depress the brake pedal.
- The sound of the automatic brakes operating may be heard, however, it does not indicate a problem.
- The brake lights turn on while the MRCC with Stop & Go function automatic braking is operating, however, they may not turn on while the vehicle is on a downslope at the set vehicle speed or travelling at a constant speed and following a vehicle ahead.

▼ Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) Display Indication

The MRCC with Stop & Go function setting status and operation conditions are indicated on the multi-information display and the active driving display.



*1: Displayed on the basic display.

If there is a problem with the MRCC with Stop & Go function system, a message is displayed on the multi-information display. Check the centre display to verify the problem and then have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Close Proximity Warning

If your vehicle rapidly closes in on the vehicle ahead because the vehicle ahead applies the brakes suddenly while you are travelling in headway control, the warning sound activates and the brake warning is indicated in the display. Always verify the safety of the surrounding area and depress the brake pedal while keeping a safer distance from the vehicle ahead. Additionally, keep a safer distance from the vehicles behind you.

BRAKE!

NOTE

In the following cases, the warnings and brakes may not operate even if your vehicle starts closing in on the vehicle ahead.

- · You are driving your vehicle at the same speed as the vehicle ahead.
- · Directly after the MRCC with Stop & Go function system has been set.
- · Directly after the accelerator pedal is released.
- · Another vehicle cuts into the driving lane.

▼ Setting the System

The MRCC with Stop & Go function system operates when all of the following conditions are met.

- · The vehicle speed is as follows:
 - · (European models)

About 0 km/h (0 mph) to 200 km/h (124 mph)

· (Except European models)

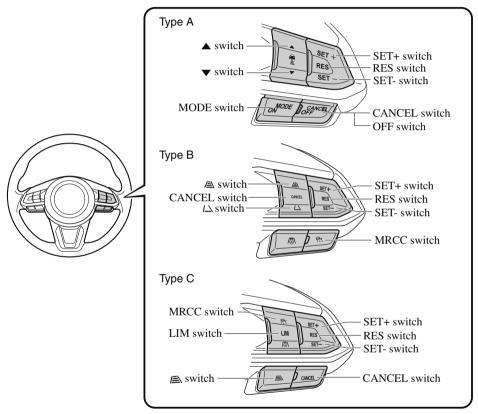
About 0 km/h (0 mph) to 145 km/h (90 mph)

- \cdot The MRCC with Stop & Go function is turned on.
- · The brake pedal is not depressed.
- · The parking brake is released (Electric Parking Brake (EPB) indicator light is turned off).
- · There is no problem with the DSC.
- · All the doors are closed.
- · The driver's seat belt is fastened.
- · The selector lever is in the drive (D) position or manual (M) position (manual mode).

- In the following cases, the MRCC with Stop & Go function system is cancelled when the vehicle is travelling at 30 km/h (20 mph) or less and "Mazda Radar Cruise Control disabled under 30 km/h (20 mph)" is displayed in the multi-information display.
 - The Forward Sensing Camera (FSC) cannot detect target objects (There is problem with the Forward Sensing Camera (FSC) or windscreen is dirty).

- There is a problem with the stop hold control function.
- There is a problem with the Electric Parking Brake (EPB).
- · It may not be possible to set the MRCC with Stop & Go function system directly after starting the engine, while the DSC operation is being checked.

Turning on the system



Steering wheel (Type A)

When the MODE switch is pressed once, the MRCC with Stop & Go function system turns on, and the MRCC with Stop & Go function main indication (white) turns on and the vehicle speed and the distance between the vehicles while in headway control can be set.

Steering wheel (Type B/Type C)

When the MRCC switch is pressed once, the MRCC with Stop & Go function system turns on, and the MRCC with Stop & Go function main indication (white) turns on and the vehicle speed and the distance between the vehicles while in headway control can be set.



In addition, the MRCC with Stop & Go function system display indication is displayed on the multi-information display and the active driving display at the same time.

NOTE

- If the ignition is switched off while the MRCC with Stop & Go function system is operating, the system will be operable when the ignition is switched ON the next time.
- (European models)

 The MRCC with Stop & Go function can switch to the Adjustable Speed Limiter (ASL).

 Refer to Adjustable Speed Limiter (ASL) on page 4-222.
- (Except European models)

 The MRCC with Stop & Go function can switch to the cruise control function.

 Refer to Cruise Control Function on page 4-187.

How to set the speed

- 1. Adjust the vehicle speed to the desired setting using the accelerator pedal.
- Headway control begins when the SET+ or SET- switch is pressed.
 The set speed and the inter-vehicle distance display filled with white lines is displayed.
 The MRCC with Stop & Go function main indication (white) switches to the MRCC with Stop & Go function set indication (green) at the same time.



Travel status	Indication on multi-information display		Indication on active driving	
11 avei status	Type A	Type B	display	
During travel at constant speed	100 140 160 200 220 240 240 75 80 260	**************************************	রি:80	
During travel under head- way control	100 140 160 180 200 40 220 240 240	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	/ ≅\	

NOTE

- · If a vehicle ahead is detected while travelling at a constant speed, the vehicle-ahead indication is displayed and headway control is performed. Additionally, when a vehicle ahead is no longer detected, the vehicle-ahead indication turns off and the system switches back to travel at constant speed.
- The lowest possible speed which can be set on the MRCC with Stop & Go function system is 30 km/h (19 mph).
- · Headway control is not possible if the vehicle ahead is driving faster than your vehicle's set speed. Adjust the system to the desired vehicle speed using the accelerator pedal.

How to set the distance-between-vehicles during headway control

Steering wheel (Type A)

The distance-between-vehicles is set to a shorter distance by pressing the ∇ switch. The distance-between-vehicles is set to a longer distance by pressing the \triangle switch. The distance-between-vehicles can be set to 4 levels; Long, medium, short, and extremely short distance.

Steering wheel (Type B)

The distance-between-vehicles can be set to 4 levels; Long, medium, short, and extremely short distance.

The distance-between-vehicles is set to a shorter distance by pressing the \triangle switch. The distance-between-vehicles is set to a longer distance by pressing the \triangle switch.

Steering wheel (Type C)

The distance-between-vehicles can be set to 4 levels; Long, medium, short, and extremely short distance.

The distance-between-vehicles is set to a shorter distance each time the 🖹 switch is pressed. However, when the 🖹 switch is pressed while the distance-between-vehicles is set to extremely short, the distance-between-vehicles is set to long.

Distance-between-vehi-	Indication on multi-information display		
cles guideline (at 80 km/h (50 mph) vehicle speed)	Туре А	Туре В	Indication on active driv- ing display*1
Long (about 50 m (164 ft))			
Medium (about 40 m (131 ft))			
Short (about 30 m (98 ft))			
Extremely short (about 25 m (82 ft))			

^{*1} Displays a pop-up image in the active driving display only when the driver operates the switch.

- The distance-between-vehicles differs depending on the vehicle speed, and the slower the vehicle speed, the shorter the distance.
- When the ignition is switched to ACC or OFF and then the engine is started again, the system automatically sets the distance-between-vehicles to the previous setting.

How to change the set vehicle speed

To accelerate/decelerate using the SET switch

When you press the SET+ switch, the vehicle accelerates and when you press the SET- switch, it decelerates.

	European models	Except Euro- pean models
Short press	1 km/h (1 mph)	5 km/h (5 mph)
Long press	10 km/h (5 mph)	

NOTE

For example, the set vehicle speed is changed by pressing the SET switch 4 times as follows:

(European models)

The vehicle speed accelerates or decelerates by 4 km/h (4 mph).

(Except European models)

The vehicle speed accelerates or decelerates by 20 km/h (20 mph).

To increase speed using accelerator pedal

Depress the accelerator pedal and press and release the SET+ switch or SET- switch at the desired speed. If the switch is not operated, the system returns to the set speed after you release your foot from the accelerator pedal.



The warnings and brake control do not operate while the accelerator pedal is depressed.

NOTE

- The setting speed can be changed by operating the SET+ switch or SET-switch during stop hold control.
- · When accelerating using the SET+ switch while in headway control, the set vehicle speed can be adjusted but acceleration is not possible. If there is no longer a vehicle ahead, acceleration continues until reaching the set vehicle speed. For the set vehicle speed, check the set vehicle speed indication in the display.
- · When depressing the accelerator pedal, the inter-vehicle distance indication in the display changes to the white-line indication.
- · (European models)

When switching to a passing lane and operating the direction indicator, the system provides more acceleration automatically if it determines that more acceleration is required. Drive while being careful of the road ahead because you could approach the vehicle ahead too closely.

Cancelling the system

When the following operations are performed, the MRCC with Stop & Go function system is cancelled, and the MRCC with Stop & Go function set indication (green) switches to the MRCC with Stop & Go function main indication (white) at the same time.

- · The CANCEL switch is pressed.
- · The brake pedal is depressed.
- · The parking brake is applied.

• The selector lever is in the P (Park), N (Neutral), or R (Reverse) position.

Under the following conditions, the MRCC with Stop & Go function cancel indication is displayed in the multi-information display and a single beep sound is heard.

- · The DSC has operated.
- The Smart Brake Support (SBS) has operated.
- The Smart City Brake Support [Forward] (SCBS F) or Advanced Smart City Brake Support (Advanced SCBS) has operated.
- When travelling on a downslope for a long period of time.
- · There is a problem with the system.
- · The engine has stalled.
- · Any of the doors is opened.
- · The driver's seat belt is unfastened.
- The parking brake is automatically applied during stop hold control.
- The radar sensor (front) cannot detect target objects (during rain, fog, snow or other inclement weather conditions, or when the radiator grille is dirty).

Resuming control

If the MRCC with Stop & Go function system is cancelled, you can resume control at the previously set speed by pressing the RES switch and after all of the operation conditions have been met.

NOTE

If the set speed is not indicated in the display, the control does not resume even if the RES switch is pressed.

Turning off the system

Steering wheel (Type A)

Press the CANCEL switch 2 times while the MRCC with Stop & Go function system is operating to switch off the system.

Steering wheel (Type B/Type C)

When the MRCC switch is pressed while the MRCC with Stop & Go function is operating, the MRCC with Stop & Go function turns off.

▼ Stop Hold Control

While in headway control using the MRCC with Stop & Go function system, your vehicle will stop when a vehicle ahead stops. When the vehicle is stopped and the stop hold control operates, the MRCC with Stop & Go function indicator light turns on.



NOTE

- If the MRCC with Stop & Go function system is cancelled during stop hold control, the vehicle is held in its stopped position. The stop hold control can be cancelled by performing one the following actions.
 - · Press the accelerator pedal and resume driving the vehicle.
 - · While forcefully depressing the brake, switch the MRCC with Stop & Go function system off.
- The parking brake is automatically applied and the vehicle is held in its stopped position when 10 minutes have elapsed since the stop hold control operated. At this time, the MRCC with Stop & Go function system is cancelled.
- If the i-stop operation conditions are met during stop hold control, the engine stops even though the brake pedal is not depressed.
 - Refer to i-stop on page 4-11.
- · The brake lights turn on during stop hold control.

To resume driving

After the vehicle ahead starts moving while your vehicle is stopped under stop hold control, press the RES switch or depress the accelerator pedal to cancel the stop hold control and resume driving.

- When you resume driving by pressing the RES switch, your vehicle does not start moving until the distance between your vehicle and the vehicle ahead lengthens to the specified distance or farther.
- The engine restarts automatically when any of the actions to resume driving are performed while i-stop is operating.
- · If the MRCC with Stop & Go function is temporarily cancelled during stop hold control, you cannot resume driving by pressing the RES switch when there are no vehicles in front of your vehicle. Depress the accelerator pedal and resume driving the vehicle.

· If the vehicle ahead starts moving within 3 seconds after your vehicle is stopped by the stop hold control, headway control will resume even if you do not resume driving your vehicle, such as by depressing the accelerator pedal.

Resume driving information

If you do not resume driving within a few seconds after the vehicle ahead starts moving, the multi-information display vehicle-ahead indication flashes to urge the driver to resume driving.

▼ Cruise Control Function

While this function is operating, the headway control operation is cancelled and only the cruise control function operates.

The vehicle speed can be set more than about 25 km/h (16 mph).

Use the cruise control function on expressways and other highways which do not require a lot of repeated acceleration and deceleration.



Do not use the cruise control function in the following locations:

Otherwise, it could lead to an accident.

- Roads with sharp curves and where vehicle traffic is heavy and there is insufficient space between vehicles. (Driving under these conditions using the cruise control function is not possible)
- Steep down slopes (Set speed may be exceeded because sufficient engine braking cannot be applied)
- ➤ Slippery roads such as ice or snow-bound roads (Tyres could spin causing you to lose vehicle control)

Always drive carefully:

The warnings and brake control will not operate after the headway control function is cancelled and the system is switched to only the cruise control function. Depress the brake pedal to decelerate according to the surrounding conditions while keeping a safer distance from the vehicle ahead and always driving carefully.

Switching to cruise control function

Steering wheel (Type A)

When the MODE switch is pressed until the system switches to the cruise main indication (white) while the MRCC with Stop & Go function system is turned on, the system switches to the cruise control function.

Steering wheel (Type B/Type C)

Use Mazda Connect to switch to the cruise control function.

Refer to the Settings section in the Mazda Connect Owner's Manual.

When the system switches to the cruise control function, the indicator and multi-information display notify the driver as follows:

 The MRCC with Stop & Go function set indication (green) or the MRCC with Stop & Go function main indication

(white) is turned off, and the cruise main indication (white) is turned on.

· A message is displayed in the multi-information display.



Always turn off the cruise control function when it is not in use:

Leaving the cruise control function turned on when it is not in use is dangerous as it could operate unexpectedly, resulting in an accident.

How to set the speed

Adjust the system to the desired vehicle speed using the accelerator pedal. When the SET+ or SET- switch is pressed, the cruise set indication (green) is turned on and cruise control begins.

NOTE

- The system may not be able to maintain the set speed constantly depending on driving conditions such as steep up or down slopes.
- The speed will continue increasing while the SET+ switch is pressed and held. The speed will continue decreasing while the SET- switch is pressed and held.

How to increase the set speed

The set speed can be increased using the following operations:

To increase speed using the SET+ switch

Press and hold the SET+ switch and release the switch at the desired speed.

The set speed can be adjusted incrementally (1 km/h (1 mph) increments) by pressing the switch and releasing it immediately. For example, if the switch is pressed 4 times, the set speed increases by about 4 km/h (4 mph).

To increase speed using accelerator pedal

Depress the accelerator pedal and press the SET+ or SET- switch at the desired speed.

If the switch is not operated, the system returns to the set speed after you release your foot from the accelerator pedal.

How to Decrease the Set Speed

Press the SET— switch continuously and release the switch at the desired speed. The set speed can be adjusted incrementally (1 km/h (1 mph) increments) by pressing the switch and releasing it immediately. For example, if the switch is pressed 4 times, the set vehicle speed decreases by about 4 km/h (4 mph).

Cancelling the function

When the cruise control function is cancelled and the RES switch is pressed while the vehicle speed is 25 km/h (16 mph) or faster, the speed returns to the original set speed.

Cancelling using CANCEL switch

When the CANCEL switch is pressed once, the cruise control function is cancelled.

Automatically cancel

The cruise control function is cancelled automatically in the following cases.

- · The brake pedal is depressed.
- · The parking brake is applied.
- The selector lever is shifted to P or N position.

- If the vehicle speed decreases by about 15 km/h (9.4 mph) or more than the set speed, the cruise control function may be cancelled.
- · When the vehicle speed is less than 21 km/h (13 mph), the cruise control function is cancelled. In this case, the vehicle speed will not return to the original set speed even if the vehicle is accelerated to 25 km/h (16 mph) or higher and the RES switch is pressed. Reset the cruise control function.

Cruising & Traffic Support (CTS)*

The CTS is a system which consists of a headway control function and a steering assist function for reducing driver fatigue during traffic jams when driving on expressways or highways.

This system performs headway control to maintain a constant distance between your vehicle and a vehicle ahead at a preset vehicle speed without you having to use the accelerator or brake pedal. Even further, with the steering assist function, when vehicle lane lines are detected, the function assists the driver in keeping the vehicle within the lane lines. If lane lines are not detected, the function provides the driver driving assistance in keeping the vehicle along the motion path with the vehicle ahead.



Do not rely completely on CTS:

- The CTS is not an automated driving system. In addition, the functions have limitations. Do not rely completely on the system and always stay on course using the steering wheel.
- > Set a vehicle speed within the speed limit according to the road conditions and the weather conditions.
- ➤ The CTS may not be able to detect a vehicle ahead depending on the type of vehicle ahead and its conditions, the weather conditions, and the road conditions. Additionally, the system might be unable to decelerate sufficiently if a vehicle ahead applies the brakes suddenly, another vehicle cuts into the driving lane, or the difference in vehicle speed between your vehicle and the vehicle ahead is larger, which could result in an accident. Check the surrounding conditions and always drive carefully while keeping a safe distance from vehicles ahead and on-coming vehicles.

For the purposes of safety, switch the CTS off when it is not being used.

Leaving the CTS turned on when it is not in use is dangerous as it could operate unexpectedly, resulting in an accident.

Do not use the CTS under the following conditions. Otherwise, it may result in an accident.

- ➤ General roads other than expressways or highways (Driving under these conditions using the CTS is not possible.)
- ➤ Roads with sharp curves and where vehicle traffic is heavy with insufficient space between vehicles, or roads where frequent and repetitive acceleration and deceleration occur (Driving under these conditions using the CTS is not possible).

- ➤ When entering and exiting interchanges, service areas, and parking areas of expressways (If you exit an expressway while headway control is in use, the vehicle ahead will no longer be tracked and your vehicle may accelerate to the set speed).
- Slippery roads such as icy or snow-covered roads and unpaved roads (Tyres could spin causing you to lose vehicle control, or the stop hold control may not operate.)
- Long, descending slopes (to maintain distance between vehicles, the system automatically and continuously applies the brakes which could result in the loss of brake power.)
- Two-wheeled vehicles such as motorcycles or bicycles are ahead.
- Slopes with a steep gradient (The vehicle ahead may not be detected correctly, your vehicle may slip while stopped by the stop hold control, or it may accelerate suddenly after it starts moving.)
- Driving under bad weather conditions (rain, fog, and snow).
- Tyres of a different specified size are used, such as a temporary spare tyre.
- > Tyres with insufficient tread are used.
- The tyre pressures are not adjusted to the specified pressure.
- The vehicle is being used to tow a camper or boat trailer.
- > Tyre chains are used.
- The vehicle is driven on roads with lane lines other than white (yellow) lines, such as an expressway.

Do not get out of the vehicle while the stop hold control is operating.

Getting out of the vehicle while the stop hold control is operating is dangerous as the vehicle may move unexpectedly and result in an accident. Before getting out of the vehicle, switch the CTS off, apply the parking brake, and then shift the selector lever to the P position.



Heed the following cautions so that the CTS can operate normally.

- Turn the system off when the vehicle is running on a chassis roller.
- ➤ Do not modify the vehicle's suspensions.
- Always use wheels of the specified size for the front and rear wheels. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for tyre replacement.

- \cdot The headway control does not detect the following as physical objects.
 - · Vehicles approaching in the opposite direction

- · Pedestrians
- · Stationary objects (stopped vehicles, obstructions)
- · If a vehicle ahead is travelling at an extremely low speed, the system may not detect it correctly.
- · If there is a structure on the road or an object (such as a monorail) at a low height off the ground in front of the vehicle, the system may operate. Therefore, do not use the CTS.
- Do not use the CTS under conditions in which close proximity warnings are frequently activated.
- If it is necessary to accelerate for a lane change or the vehicle ahead brakes suddenly causing you to close in on the vehicle rapidly, accelerate using the accelerator pedal or decelerate using the brake pedal depending on the conditions.
- · While the CTS is in use, any intended engine braking does not occur even if you shift the selector lever. If deceleration is required, lower the vehicle speed setting or depress the brake pedal.
- · While braking by the CTS control is operating, you might hear an operation sound, however, this does not indicate a problem.
- The brake lights turn on while braking by the CTS control is operating, however, they may not turn on while the vehicle is on a down slope at the set vehicle speed or travelling at a constant speed and following a vehicle ahead.
- · Under the following conditions, the CTS may not be able to detect white (yellow) lines or vehicles ahead correctly and the CTS may not operate normally.
 - The forward sensing camera (FSC) cannot recognise the area in front of the vehicle due to soiling or fog.
 - · The white (yellow) lane lines are less visible because of dirt or paint flaking.
 - · White (yellow) lane lines or vehicles ahead are less visible because of bad weather (rain, fog, or snow).
 - The vehicle is driven on a temporary lane or section with a closed lane resulting from construction where there might be multiple white (yellow) lane lines, or they are interrupted.
 - The camera picks up an obscure line, such as a temporary line being used for construction, or because of shade, unmelted snow, or grooves filled with water.
 - · The road surface is wet and shiny after rain, or there are puddles on the road.
 - · Heavy luggage is loaded in the luggage compartment or on the rear seat causing the vehicle to tilt.
 - · A vehicle in front of your vehicle is running near a white (yellow) lane line making it less visible.
 - \cdot The windscreen is dirty or foggy.
 - The vehicle is driven through an intersection, a junction, or a fork in the road.
 - · While white (yellow) lane lines cannot be detected due to road or weather conditions.
 - The surrounding brightness suddenly changes such as when entering or exiting a tunnel.

- The illumination of the headlights is weakened because of dirt or the optical axis is deviated at night.
- · Back-light is reflected off the road surface or the road surface is wet and shiny after rain.
- The shade of a guardrail parallel to a white (yellow) lane line is cast on the road.
- · The width of a lane is excessively narrow or wide.
- · The road is excessively uneven.
- · The vehicle is shaken after hitting a road bump.
- There are various road markings or division lines (lane markings) of various shapes near an intersection.
- The area in front of the forward sensing camera (FSC) is soiled or an object that obstructs the field of view is installed.
- Exhaust gas from the vehicle in front, sand, snow, and water vapour rising from manholes and grating, and water splashed into the air.
- The surroundings are dark such as during the early evening or early morning.
- · A vehicle ahead with a certain tail light shape.
- A vehicle ahead veers off course from your vehicle's line of travel.
- \cdot A vehicle ahead is driving erratically.
- · The vehicle is driven on roads with tight curves.

Headway control function

If a vehicle ahead is detected while travelling at a constant speed, the vehicle-ahead indication is displayed and headway control is performed.

Steering assist function

When lane lines are detected, the function assists the driver in keeping the vehicle within the lane lines. If lane lines are not detected, the function provides the driver driving assistance in keeping the vehicle along the motion path with the vehicle ahead.

NOTE

Steering assist limit warning

If the steering assist function cannot keep the vehicle within the lane lines while the steering assist function is operating, a warning sound is activated and a warning is displayed on the multi-information display to urge the driver to operate the steering wheel.

Instrument Cluster (Type A)

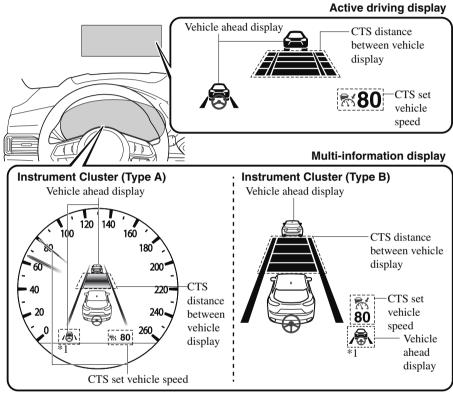
Instrument Cluster (Type B)



*1: Displayed on the basic display.

▼ Cruising & Traffic Support (CTS) Display Indication

The CTS setting status and operation conditions are indicated on the multi-information display and the active driving display.



*1: Displayed on the basic display.

Steering assist function display

When the steering assist function operates, the steering assist operation display on the display changes from white to green.

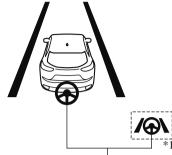
Multi-information display

Instrument Cluster (Type A)



Steering assist operation display

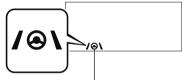
Instrument Cluster (Type B)



Steering assist operation display

*1: Displayed on the basic display.

Active driving display

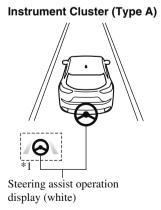


Steering assist operation display

NOTE

You can view the multi-information display to check whether the steering assist is performing controls in conjunction with the traffic lane lines or a vehicle ahead.

Inactive



*1: Displayed on the basic display.

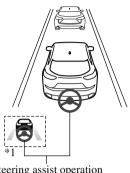
Instrument Cluster (Type B)



Steering assist operation display (white)

Active (vehicle ahead)

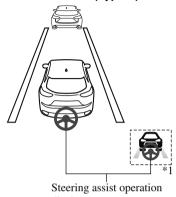
Instrument Cluster (Type A)



Steering assist operation display (green)

*1: Displayed on the basic display.

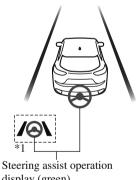
Instrument Cluster (Type B)



display (green)

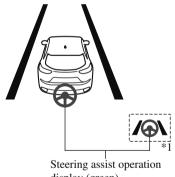
Active (lane line)

Instrument Cluster (Type A)



display (green) *1: Displayed on the basic display.

Instrument Cluster (Type B)



display (green)

If there is a problem with the CTS, a message is displayed on the display. Check the details of the problem and then have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Close Proximity Warning

If your vehicle rapidly closes in on the vehicle ahead because the vehicle ahead applies the brakes suddenly while you are travelling in headway control, the warning sound activates and the brake warning is indicated in the display. Always verify the safety of the surrounding area and depress the brake pedal while keeping a safer distance from the vehicle ahead. Additionally, keep a safe distance from the vehicles behind you.

BRAKE!

NOTE

In the following cases, the warnings and brakes may not operate even if your vehicle starts closing in on the vehicle ahead.

- · You are driving your vehicle at the same speed as the vehicle ahead.
- · Directly after the CTS has been set.
- · Directly after the accelerator pedal is released.
- · Another vehicle cuts into the driving lane.

▼ Setting the System

Operation conditions

Headway control function

The CTS operates when all of the following conditions are met.

- · (Vehicles with Mazda Radar Cruise Control (MRCC))
 - · Vehicle speed is 30 km/h (19 mph) to 145 km/h (90 mph).
 - The headway control function of the Mazda Radar Cruise Control (MRCC) is set to operable (if it was set to inoperable, set it to operable using the personalisation function).
- \cdot (Vehicles with Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function))
 - · The vehicle speed is as follows:
 - · (European models)

About 0 km/h (0 mph) to 200 km/h (124 mph).

- · (Except European models)
 - About 0 km/h (0 mph) to 145 km/h (90 mph).
- The headway control function of the Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) is set to operable (if it was set to inoperable, set it to operable using the personalisation function).
- The selector lever is in the D or M position (manual mode).
- · The CTS is operating.
- · The brake pedal is not depressed.

- The parking brake is released (Electric Parking Brake (EPB) indicator light is turned off).
- · There is no problem with the DSC.
- · All the doors are closed.
- · The driver's seat belt is fastened.

NOTE

· (Vehicles with Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function))

Under the following conditions, the CTS cannot be used when the vehicle speed is 30 km/h (19 mph) or slower.

- The Forward Sensing Camera (FSC) cannot detect target objects (There is problem with the Forward Sensing Camera (FSC) or windscreen is dirty).
- · There is a problem with the stop hold control function.
- There is a problem with the Electric Parking Brake (EPB).
- The CTS may not launch directly after the engine starts.

Steering assist function

The steering assist function operates when all of the following conditions are met.

- · (European models)
 - · The vehicle is being driven at a speed of less than about 55 km/h (34 mph).
 - When driving near the centre of the lane and the white (yellow) lane lines on both sides are detected clearly, or a vehicle ahead is detected clearly in front of your vehicle.
- · (Except European models)
 - When driving near the centre of the lane and the white (yellow) lane lines on both sides are detected clearly, or a vehicle ahead is detected clearly in front of your vehicle and your vehicle speed is less than about 55 km/h (34 mph).
- $\boldsymbol{\cdot}$ The steering wheel is not turned sharply.
- · The direction indicator lever is not operated.
- · The headway control function is operating.
- \cdot The Off-Road Traction Assist is not operating.
- · When Off-road mode is not selected using Mazda intelligent Drive Select (Mi-Drive).
- (Vehicles with Mazda Radar Cruise Control (MRCC))
 The vehicle speed is about 30 km/h (19 mph) or faster.

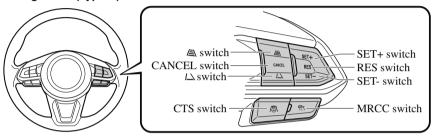
NOTE

• The function assisting your steering operation to follow the trajectory of the vehicle ahead does not operate at a vehicle speed of about 55 km/h (34 mph) or faster.

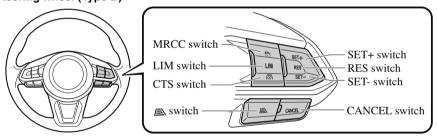
• The steering assist function operates so that the vehicle remains near the centre of the driving lane, however, depending on conditions such as the road curvature, road slope and undulations, and vehicle speed, the function might not be able to keep the vehicle near the centre of the driving lane.

Setting method

Steering wheel (Type A)



Steering wheel (Type B)



1. Press the CTS switch.

The CTS standby indication (white) turns on. In addition, the CTS display indication is displayed on the multi-information display at the same time.



2. Adjust the vehicle speed to the desired setting using the accelerator pedal and press the SET+ switch or SET- switch to start headway control.

The set speed is indicated on the display. At the same time, the CTS standby indication (white) changes to the CTS set indication (green).



The headway control is operable when all of the conditions for it to operate are met, or the steering assist function is operable when all of the conditions for it to operate are met.

NOTE

- · If a vehicle ahead is detected while travelling at a constant speed, the vehicle-ahead indication is displayed and headway control is performed. Additionally, when a vehicle ahead is no longer detected, the vehicle-ahead indication turns off and the system switches back to travel at constant speed.
- The lowest possible speed which can be set on the CTS is 30 km/h (19 mph).
- · Headway control is not possible if the vehicle ahead is driving faster than your vehicle's set speed. Adjust the system to the desired vehicle speed using the accelerator pedal.
- When the ignition is switched OFF, the system status before it was turned off is maintained. For example, if the ignition is switched OFF with the CTS operable, the CTS remains operational the next time the ignition is switched ON.
- · When the CTS switch is pressed while the Mazda Radar Cruise Control (MRCC) or the Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) system is operating, the CTS operates. In addition, when the MRCC switch is pressed while the CTS is operating, the Mazda Radar Cruise Control (MRCC) or the Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) system operates.

Changing the set vehicle speed

To accelerate/decelerate using the SET switch

When you press the SET+ switch, the vehicle accelerates and when you press the SET-switch, it decelerates.

	European models	Except European models
Short press	1 km/h (1 mph)	5 km/h (5 mph)
Long press	10 km/h (5 mph)	

NOTE

For example, the set vehicle speed is changed by pressing the SET switch 4 times as follows:

(European models)

The vehicle speed accelerates or decelerates by 4 km/h (4 mph).

(Except European models)

The vehicle speed accelerates or decelerates by 20 km/h (20 mph).

To increase speed using accelerator pedal

Depress the accelerator pedal and press and release the SET+ switch or SET- switch at the desired speed. If the switch is not operated, the system returns to the set speed after you release your foot from the accelerator pedal.



The warnings and brake control do not operate while the accelerator pedal is depressed.

NOTE

- When accelerating using the SET+ switch while in headway control, the set vehicle speed can be adjusted but acceleration is not possible. If there is no longer a vehicle ahead, acceleration continues until reaching the set vehicle speed. For the set vehicle speed, check the set vehicle speed indication in the display.
- · When depressing the accelerator pedal, the inter-vehicle distance indication in the display changes to the white-line indication.
- · (European models)

When switching to a passing lane and operating the direction indicator, the system provides more acceleration automatically if it determines that more acceleration is required. Drive while being careful of the road ahead because you could approach the vehicle ahead too closely.

· (Vehicles with Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function))

The setting speed can be changed by operating the SET+ switch or SET- switch during stop hold control.

Changing the distance between vehicles during headway control

Steering wheel (Type A)

The distance-between-vehicles can be set to 4 levels; Long, medium, short, and extremely short distance.

The distance-between-vehicles is set to a shorter distance by pressing the \triangle switch. The distance-between-vehicles is set to a longer distance by pressing the \triangle switch.

Steering wheel (Type B)

The distance-between-vehicles can be set to 4 levels; Long, medium, short, and extremely short distance.

The distance-between-vehicles is set to a shorter distance each time the 🖹 switch is pressed. However, when the 🖹 switch is pressed while the distance-between-vehicles is set to extremely short, the distance-between-vehicles is set to long.

Distance-between-vehi-	Indication on multi-information display		
cles guideline (at 80 km/h (50 mph) vehicle speed)	Type A	Type B	Indication on active driv- ing display*1
Long (about 50 m (164 ft))			
Medium (about 40 m (131 ft))			
Short (about 30 m (98 ft))			
Extremely short (about 25 m (82 ft))			

^{*1} Displays a pop-up image in the active driving display only when the driver operates the switch.

NOTE

• The distance-between-vehicles differs depending on the vehicle speed, and the slower the vehicle speed, the shorter the distance.

• When the ignition is switched to ACC or OFF and then the engine is started again, the system automatically sets the distance-between-vehicles to the previous setting.

The function is temporarily cancelled

Headway control function

When the following operations are performed, the headway control function is temporarily cancelled and the CTS set indication (green) changes to the CTS standby indication (white) at the same time.

- · The CANCEL switch is pressed.
- · The brake pedal is depressed.
- · The parking brake is applied.
- · The selector lever is in the P, N, or R position.

Under the following conditions, the CTS cancel indication is displayed in the multi-information display and a single beep sound is heard.

- · The DSC has operated.
- · The Smart Brake Support (SBS) has operated.
- The Smart City Brake Support [Forward] (SCBS F) or Advanced Smart City Brake Support (Advanced SCBS) has operated.
- · When travelling on a downslope for a long period of time.
- · There is a problem with the system.
- $\boldsymbol{\cdot}$ The engine has stalled.
- · Any of the doors is opened.
- · The driver's seat belt is unfastened.
- The radar sensor (front) cannot detect target objects (during rain, fog, snow or other inclement weather conditions, or when the radiator grille is dirty).
- \cdot (Vehicles with Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function))

The parking brake is automatically applied during stop hold control.

· (Vehicles with Mazda Radar Cruise Control (MRCC))
The vehicle speed decreases below 25 km/h (15 mph).

Steering assist function

If any of the following conditions occurs, the steering assist function is temporarily cancelled.

- · The headway control function is cancelled.
- · White (yellow) lane lines cannot be detected or a vehicle ahead cannot be recognised.
- · (European models)
 - · The vehicle speed is about 60 km/h (37 mph) or faster.

· (Except European models)

- The system cannot detect white (yellow) lane lines and the vehicle speed is about 55 km/h (34 mph) or faster.
- · The accelerator pedal is operated.
- · The direction indicator lever is operated.
- · The Off-Road Traction Assist has operated.
- · When Off-road mode is selected using Mazda intelligent Drive Select (Mi-Drive).
- · The vehicle is being driven on a sharp curve.
- · The width of a lane is excessively narrow or wide.
- · The vehicle crosses a lane line.
- · The driver takes his/her hands off the steering wheel.
- · The steering wheel is operated abruptly.
- · There is a problem with the system.
- The temperature in the Forward Sensing Camera (FSC) is too high or too low.
- · The windscreen around the Forward Sensing Camera (FSC) is foggy.
- The windscreen around the Forward Sensing Camera (FSC) is blocked by an obstruction, causing poor forward visibility.

NOTE

- The function assisting your steering operation to follow the trajectory of the vehicle ahead is cancelled when your vehicle speed is about 55 km/h (34 mph) or faster.
- · If you take your hands off the steering wheel, a warning is indicated on the multi-information display and the active driving display. Then, if you continue to leave your hands off the steering wheel, a warning is indicated on the multi-information display and the active driving display and a warning sound is activated.

Multi-information Display



Active Driving Display



· If the steering wheel is held lightly, or depending on the road conditions, the system determines that you have released the steering wheel (not holding the steering wheel) even if you are holding it, and an alert is indicated on the multi-information display and the active driving display.

To resume operation

If the CTS is temporarily cancelled, it will resume operation at the previously set speed by pressing the RES switch after all of the operation conditions have been met.

NOTE

- · If the set speed is not indicated on the display, the system does not operate even if the RES switch is pressed.
- · After the operation, the steering assist operation may not operate for a period of 5 seconds at the most until the lane lines are detected or a vehicle ahead is recognised.

Turning off

When the CTS switch is pressed while the CTS is operating, the CTS turns off.

▼ Stop Hold Control (Vehicles with Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function))

While in headway control using the CTS, your vehicle will stop when a vehicle ahead stops. When the vehicle is stopped and the stop hold control operates, the CTS indicator light turns on.



NOTE

- · If the CTS system is cancelled during stop hold control, the vehicle is held in its stopped position. The stop hold control can be cancelled by performing one the following actions.
 - · Press the accelerator pedal and resume driving the vehicle.
 - · While forcefully depressing the brake, switch the CTS system off.
- The parking brake is automatically applied and the vehicle is held in its stopped position when 10 minutes have elapsed since the stop hold control operated. At this time, the CTS system is cancelled.
- · If the i-stop operation conditions are met during stop hold control, the engine stops even though the brake pedal is not depressed.

Refer to i-stop on page 4-11.

• The brake lights turn on during stop hold control.

To resume driving

After the vehicle ahead starts moving while your vehicle is stopped under stop hold control, press the RES switch or depress the accelerator pedal to cancel the stop hold control and start driving.

NOTE

- · When you resume driving by pressing the RES switch, your vehicle does not start moving until the distance between your vehicle and the vehicle ahead lengthens to the specified distance or farther.
- The engine restarts automatically when any of the actions to resume driving are performed while i-stop is operating.
- If the CTS is temporarily cancelled during stop hold control, you cannot resume driving by pressing the RES switch when there are no vehicles in front of your vehicle. Depress the accelerator pedal and resume driving the vehicle.
- If the vehicle ahead starts moving within 3 seconds after your vehicle is stopped by the stop hold control, headway control will resume even if you do not resume driving your vehicle, such as by depressing the accelerator pedal.

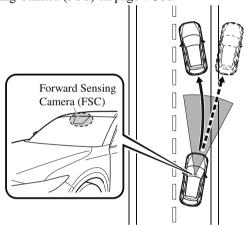
Resume driving information

If you do not start driving the vehicle after the vehicle ahead has resumed driving, the system urges the driver to resume driving.

Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS)*

The LAS & LDWS alerts the driver that the vehicle may be deviating from its lane and it provides steering assistance to help the driver stay within the vehicle lanes.

The Forward Sensing Camera (FSC) detects the white lines (yellow lines) of the vehicle lane in which the vehicle is travelling and if the system determines that the vehicle may deviate from its lane, it operates the electric power steering to assist the driver's steering operation. The system also alerts the driver by activating a lane departure warning sound, vibrating the steering wheel, and indicating an alert in the display. Use the system when you drive the vehicle on roads with white (yellow) lines such as expressways and highways. Refer to Forward Sensing Camera (FSC) on page 4-301.





Do not rely completely on the LAS & LDWS:

- ➤ The LAS & LDWS is not an automatic driving system. In addition, the system is not designed to compensate for a driver's lack of caution, and over-reliance on the system could lead to an accident.
- The detection ability of the LAS & LDWS is limited. Always stay on course using the steering wheel and drive with care.

Do not use the LAS & LDWS in the following cases:

The system may not operate adequately according to the actual driving conditions, resulting in an accident.

- Driving on roads with tight curves.
- Driving under bad weather conditions (rain, fog, and snow).
- Slippery roads such as ice or snow-bound roads.
- Roads with heavy traffic and insufficient distance between vehicles.
- > Roads with no white (yellow) lane lines.
- Narrow roads resulting from road construction or lane closures.
- The vehicle is driven on a temporary lane or section with a closed lane resulting from road construction where there may be multiple white (yellow) lane lines or they are interrupted.
- ➤ Vehicle is driven on roads other than expressways and highways.
- The tyre pressures are not adjusted to the specified pressure.
- The vehicle is being used to tow a camper or boat trailer.
- Tyres of a different specified size are used, such as an emergency spare tyre.



Heed the following cautions so that the LAS & LDWS can operate normally.

- ➤ Do not modify the suspensions.
- Always use wheels of the specified type and size for the front and rear wheels. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for tyre replacement.

NOTE

- · When the direction indicator lever is operated for a lane change, the LAS & LDWS is automatically disabled. The LAS & LDWS becomes operational again when the direction indicator lever is returned and the system detects white (yellow) lane lines while the vehicle is being driven normally within its vehicle lane.
- · If the steering wheel, accelerator pedal, or brake pedal is operated abruptly and the vehicle moves close to a white (yellow) line, the system determines that the driver is making a lane change and the LAS & LDWS operation is temporarily cancelled. The LAS & LDWS becomes operational again when the system detects white (yellow) lane lines while the vehicle is being driven normally within its vehicle lane.
- If the vehicle deviates from its lane repeatedly within a short period of time, the LAS & LDWS may not operate.
- · When white (yellow) lane lines are not detected, the LAS & LDWS does not operate.
- · Under the following conditions, the LAS & LDWS may not be able to detect white (yellow) lane lines correctly and it may not operate normally.
 - If an object placed on the instrument panel is reflected in the windscreen and picked up by the camera.
 - · Heavy luggage is loaded in the luggage compartment or on the rear seat and the vehicle is tilted.

- The tyre pressures are not adjusted to the specified pressure.
- · Tyres other than conventional tyres are equipped.
- · Vehicle is driven on an intersection or junction, or on a forked road.
- The white (yellow) lane lines are less visible because of dirt or fading/patchiness.
- A vehicle in front of your vehicle is running near a white (yellow) lane line making it less visible.
- \cdot A white (yellow) lane line is less visible because of bad weather (rain, fog, or snow).
- The vehicle is driven on a temporary lane or section with a closed lane resulting from construction where there may be multiple white (yellow) lane lines or they are interrupted.
- A misleading line is picked up on the road such as a temporary line for construction, or because of shade, lingering snow, or grooves filled with water.
- The surrounding brightness suddenly changes such as when entering or exiting a tunnel
- The illumination of the headlights is weakened because of dirt or the optical axis is deviated.
- · The windscreen is dirty or foggy.
- The windscreen, camera is fogged (water droplets).
- · Back-light is reflected off the road surface.
- · The road surface is wet and shiny after rain, or there are puddles on the road.
- · The shade of a guardrail parallel to a white (yellow) lane line is cast on the road.
- \cdot The width of the driving lane is narrow or wide.
- \cdot Driving on roads with tight curves.
- · The road is excessively uneven.
- · The vehicle is shaken after hitting a road bump.
- · There are 2 or more adjacent white (yellow) lane lines.
- · There are various road markings or lane markings of various shapes near an intersection.

▼ System Operation

System operation

When the ignition is switched ON, the system goes on standby.

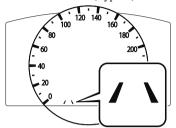
Drive the vehicle in the centre of the vehicle lane while the system is on standby. When all of the following conditions are met, and the system becomes operational.

- \cdot The engine is running.
- · The vehicle speed is about 60 km/h (37 mph) or faster.
- · The system detects white (yellow) lane lines on both the right and left sides.
- · The driver is operating the steering wheel.
- $\boldsymbol{\cdot}$ The driving lane is neither narrow nor wide.
- \cdot The steering assist function of the Cruising & Traffic Support (CTS) is not operating.

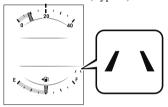
When the system becomes operational, the LAS & LDWS indication (white) is displayed on the multi-information display and active driving display.

Multi-information display (Basic display)

Instrument Cluster (Type A)



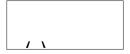
Instrument Cluster (Type B)



Multi-information display (i-ACTIVSENSE display)



Active driving display*



The LAS & LDWS goes on stand-by status in the following cases:

- · The system cannot detect white (yellow) lane lines.
- The vehicle speed is less than about 60 km/h (37 mph).
- · The ABS/TCS is operating.
- · The TCS is turned off.
- · The Off-Road Traction Assist is turned on.

- · When Off-road mode is selected using Mazda intelligent Drive Select (Mi-Drive).
- · The vehicle is making a sharp curve.
- · The brake pedal is depressed.
- · The steering wheel is operated abruptly.
- · The width of a lane is excessively narrow or wide.
- The steering assist function of the CTS operated.

NOTE

- The LAS & LDWS does not operate until the system detects white (yellow) lane lines on either the left or right.
- · When the system detects a white (yellow) lane line on one side only, the system will not operate the steering wheel operation assist and the warning for the lane line on the side that is not being detected. The steering wheel operation assist and the warning is only for a lane deviation on the side that is being detected.
- · When the system determines that the driver is driving the vehicle with his or her hands off the steering wheel while the steering wheel operation assist is operating, and if the condition continues several times within a certain period of time, the warning sound is activated. The higher the number of times the steering wheel operation assist operates, the longer the period of time the warning sound is activated.
- The timing at which the lane departure warning is activated and the steering wheel operation assist is performed varies.
- The following settings for the LAS & LDWS can be changed. Refer to the Settings section in the Mazda Connect Owner's Manual.
 - $\cdot \textit{Steering operation assist operational/non-operational}\\$
 - · (Mazda Connect (Type A) only)
 Cancel sensitivity (likelihood of steering assist)

Vehicle lane line display

When the LAS & LDWS goes on standby, the vehicle lane lines are indicated on the multi-information display and the active driving display. When white (yellow) lines on both the left and right sides are detected and the system becomes operational, the vehicle lane lines indicated on the multi-information display and the active driving display change to white.

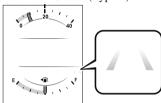
(Stand-by status)

Multi-information display (Basic display)

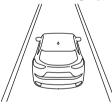
Instrument Cluster (Type A)



Instrument Cluster (Type B)



Multi-information display (i-ACTIVSENSE display)



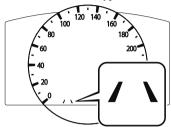
Active driving display*



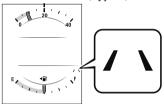
(Operational status)

Multi-information display (Basic display)

Instrument Cluster (Type A)



Instrument Cluster (Type B)



Multi-information display (i-ACTIVSENSE display)



Active driving display*



NOTE

When only one side of the white (yellow) lines is detected, only the detected vehicle lane line indicated on the multi-information display and the active driving display changes to white.

Auto cancel

In the following cases, the LAS & LDWS is automatically cancelled, the LAS & LDWS warning indication (amber) turns on, and an alert is displayed. When the LAS & LDWS become operational, the system turns back on automatically.

- The temperature in the Forward Sensing Camera (FSC) is too high or too low.
- The windscreen around the Forward Sensing Camera (FSC) is foggy.
- The windscreen around the Forward Sensing Camera (FSC) is blocked by an obstruction, causing poor forward visibility.

Auto cancel of warning/steering assist

When the following operations are performed, the LAS & LDWS operation is cancelled automatically. The LAS & LDWS resumes automatically after the operation.

- · The steering wheel is operated abruptly.
- · The brake pedal is operated.
- · The accelerator pedal is operated.

(Mazda Connect (Type A) only)

(To cancel the automatic sensitivity cancel function, deselect "Cancel sensitivity" in the personalisation features setting.)

- · The direction indicator lever is operated.
- · The vehicle crosses a lane line.

NOTE

- · After the operation, the LAS & LDWS operation may not operate for a period of 5 seconds at the most until the lane lines are detected.
- · Under the following conditions, the LAS & LDWS cancels the warning/steering assist automatically.
 - · The TCS OFF switch is pressed to cancel the TCS.
 - · The Off-Road Traction Assist switch is pressed to turn on the Off-Road Traction Assist.
 - $\cdot \textit{ When Off-road mode is selected using Mazda intelligent Drive Select (Mi-Drive)}.$

Steering wheel operation assist OFF (non-operational)

The steering wheel operation assist for the LAS & LDWS can be turned off. However, when driving the vehicle while the CTS function is in use, the steering wheel operation assist turns on automatically.

When the steering wheel operation assist has been turned off, only the lane departure warning is operational.

Refer to the Settings section in the Mazda Connect Owner's Manual.

System operation

Drive the vehicle in the centre of the driving lane while the LAS & LDWS OFF indicator light in the instrument cluster is turned off.

The system becomes operational when all of the following conditions are met.

· The engine is running.

- The vehicle speed is about 60 km/h (37 mph) or faster.
- The system detects white (yellow) lane lines on both the right and left sides or on either side
- The vehicle is driven on a straight road or road with gentle curves.
- · The steering assist function of the CTS is not operating.

The LAS & LDWS goes on stand-by status in the following cases:

- The vehicle speed is less than about 60 km/h (37 mph).
- The system cannot detect white (yellow) lane lines.
- · The vehicle is making a sharp curve.
- · The vehicle is making a curve at an inappropriate speed.
- The steering assist function of the CTS operated.

NOTE

- The LAS & LDWS remains on stand-by until it detects white (yellow) lines on both the left and right sides, or on either side.
- · When the system detects a white (yellow) lane line on one side only, the system will not activate warnings for the lane line on the side that is not being detected.
- · (Mazda Connect (Type A) only)

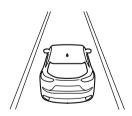
The distance and warning sensitivity (likelihood of a warning) which the system uses to determine the possibility of a lane departure can be changed.

Refer to the Settings section in the Mazda Connect Owner's Manual.

Vehicle lane line display

When the LAS & LDWS becomes operational while on standby, the vehicle lane lines are displayed in the multi-information display. The system changes to operational status display when the system detects a white (yellow) line on either the left or right.

(Stand-by status)



(Operational status)



NOTE

When only one side of the white (yellow) lines is detected, only the detected vehicle lane line indicated on the multi-information display changes to white.

Auto cancel

In the following cases, the LAS & LDWS is automatically cancelled, the LAS & LDWS warning indication (amber) turns on, and an alert is displayed. When the LAS & LDWS become operational, the system turns back on automatically.

- The temperature in the Forward Sensing Camera (FSC) is too high or too low.
- The windscreen around the Forward Sensing Camera (FSC) is foggy.
- The windscreen around the Forward Sensing Camera (FSC) is blocked by an obstruction, causing poor forward visibility.

Auto cancel of warnings

When the following operations are performed, the LAS & LDWS determines that the driver intends to make a lane change and the system operation is cancelled automatically. The LAS & LDWS resumes automatically after the operation.

- · The steering wheel is operated abruptly.
- \cdot The brake pedal is depressed.
- · The accelerator pedal is depressed.

(Mazda Connect (Type A) only)

(To cancel the automatic sensitivity cancel function, deselect "Warning sensitivity" in the personalisation features setting.)

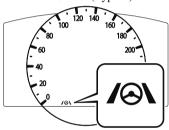
- $\boldsymbol{\cdot}$ The direction indicator lever is operated.
- · The vehicle crosses a lane line

▼ Steering Wheel Operation Assist

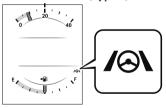
When the system determines that the vehicle might be deviating from its lane, the steering wheel operation assist operates.

The system notifies the driver that it provided steering wheel operation assistance on the multi-information display and the active driving display. Multi-information display (Basic display)

Instrument Cluster (Type A)



Instrument Cluster (Type B)



Multi-information display (i-ACTIVSENSE display)



Active driving display



NOTE

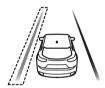
· When the driver operates the steering wheel while the steering wheel operation assist is operating, the steering wheel operation assistance is cancelled.

▼ Lane Departure Warning

If the system determines that the vehicle may deviate from its lane, the lane departure warning is activated and the direction in which the system determines that the vehicle may deviate is indicated in the multi-information display and the active driving display. For vehicles equipped with the multi-information display, the direction which the system determined that the vehicle may be deviating from its lane is indicated in the multi-information display.

For vehicles equipped with the active driving display, the colour of the lane line in the direction which the system determined that the vehicle may be deviating from its lane changes from white to amber and the vehicle lane line flashes.

Multi-information Display



Active Driving Display



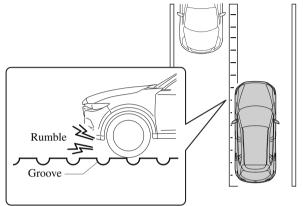
NOTE

- · If you have set the lane departure warning sound to the beep sound/rumble sound (Mazda Connect (Type A) only)* *l setting, the warning sound may not be heard depending on the surrounding noise conditions.
- · If you have set the lane departure warning system to the steering wheel vibrations setting, the vibration may not be felt depending on the road surface conditions.
- · When the setting for the steering operation assist is changed to operational, the warnings can be set to activate/not activate. (If the setting for the steering operation assist is changed to non-operational, the warnings cannot be set to non-operational.)

 Refer to the Settings section in the Mazda Connect Owner's Manual.
- The LAS & LDWS can be changed to the following settings regardless of whether the steering operation assist has been set to operational/non-operational. Always check the setting status when driving the vehicle and make setting changes if necessary. Refer to the Settings section in the Mazda Connect Owner's Manual.
 - · Steering wheel vibration: Strong/weak (Mazda Connect (Type A) only)
 - · Warning sound volume (Mazda Connect (Type A) only)
 - · Types of warnings (steering wheel vibration/beep sound/rumble sound (Mazda Connect (Type A) only) *1)

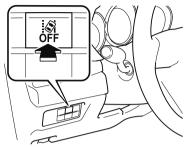
*1 A rumble strip is a series of grooves in the road pavement surface positioned at specific intervals, and when the vehicle passes over it a vibration and rumble sound is produced which alerts the driver that the vehicle is departing from the lane.

The rumble sound is a reproduction of the sound which occurs when a vehicle passes over a rumble strip.



▼ System Cancelling

When the LAS & LDWS is turned off, press the LAS & LDWS OFF switch.



The LAS & LDWS OFF indicator light turns on.



NOTE

- When driving the vehicle while the CTS function is in use, the LAS & LDWS turns on automatically.
- In the following cases, the LAS & LDWS is cancelled automatically and the LAS & LDWS OFF indicator light turns on. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
 - There is a malfunction in the power steering.
 - \cdot There is a malfunction in the TCS.
 - There is a malfunction in the Forward Sensing Camera (FSC).

· When the ignition is switched OFF, the system status before it was turned off is maintained. For example, if the ignition is switched OFF with the lane-keep system operable, the system will be operable when the ignition is switched ON the next time

When the LAS & LDWS is turned off, the vehicle lane line indication in the multi-information display and the active driving display turn off.

Adjustable Speed Limiter (ASL)*

The ASL is a function to prevent the vehicle from being driven at a vehicle speed faster than a set speed. The vehicle speed is controlled to kept it below the set speed even if the accelerator pedal is depressed.

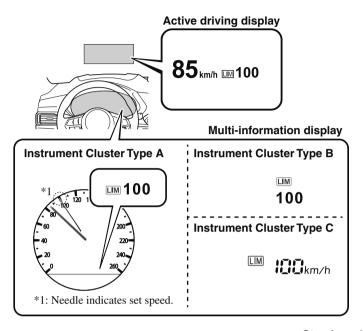
The ASL can be set between 30 km/h (20 mph) and 200 km/h (125 mph). The vehicle speed may exceed the set speed when the vehicle is driven on a down slope, however, the system notifies the driver by flashing the display and operating a warning sound.

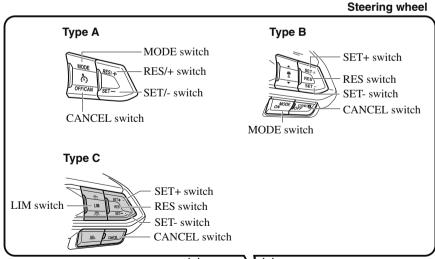


Always turn off the system when changing drivers:

If the driver is changed and the new driver is unaware of the ASL function, the vehicle may not accelerate when the driver depresses the accelerator pedal, leading to an accident.

The system consists of the ASL display and the speed limiter switch on the steering wheel.





▼ Adjustable Speed Limiter (ASL) Main Indication (White)/Adjustable Speed Limiter (ASL) Set Indication (Green)



The indication has 2 colours.

ASL main indication (white)

Steering wheel (Type A/Type B)

The indication is display in white when the MODE switch is pressed and the ASL is activated.

Steering wheel (Type C)

The indication is display in white when the LIM switch is pressed and the ASL is activated.

ASL set indication (green)

The indication is display in green when a speed has been set.

▼ Adjustable Speed Limiter (ASL) Display

The setting status of the ASL is displayed in the active driving display (vehicles with active driving display) or the display in the instrument cluster.

Stand-by display

Displays when the speed limiter switch is operated and the system is turned on. Turns off when the system is turned off.

Instrument Cluster Type A Instrument Cluster Type B Instrument Cluster Type C

Active Driving Display

Setting display

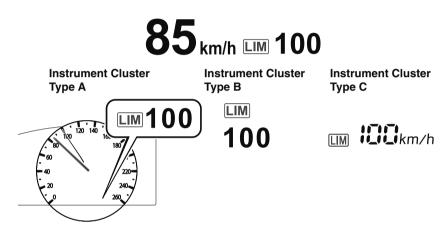
Steering wheel (Type A)

Displays when the SET/- switch is operated and the speed is set.

Steering wheel (Type B/Type C)

Displays when the SET- or SET+ switch is operated and the speed is set.

Active Driving Display

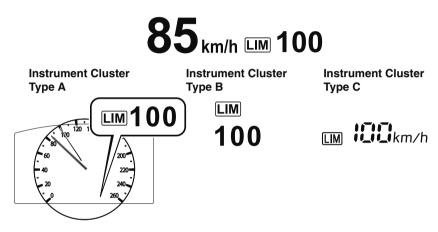


Cancel display

Displays when any of the following operations is done and the system is temporarily cancelled

- · CANCEL switch is operated
- · Accelerator pedal is strongly depressed

Active Driving Display



▼ Speed Limiter Warning Beep

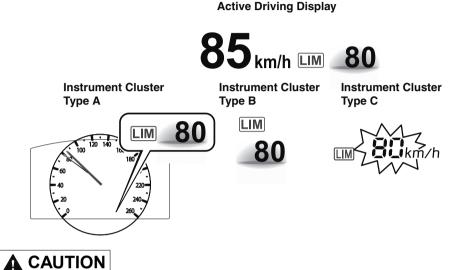
Indicated in instrument cluster

If the vehicle speed exceeds the set speed by about 5 km/h (3 mph) or more, a warning sound operates continuously and the ASL display flashes at the same time. The warning sound operates and the display flashes until the vehicle speed decreases to the set speed or less.

Indicated in active driving display

If the vehicle speed exceeds the set speed by about 5 km/h (3 mph) or faster, the background of the ASL set speed indication turns amber and flashes 3 times. In addition, a warning sound is activated at the same time. The indication stops flashing and remains on if the vehicle speed continues to exceed the set speed by about 5 km/h (3 mph) or faster, and the indication and warning sound remain on until the vehicle is driven at the set speed or slower.

Verify the safety of the surrounding area and adjust the vehicle speed by applying the brakes. Additionally, keep a safer distance from the vehicles behind you.



Steering wheel (Type A)

If the set speed is set lower than the current vehicle speed by pressing the SET/- or RES/+ switch, the warning beep is not activated for about 30 seconds even if the vehicle speed is faster than the newly set speed by 5 km/h (3 mph). Be careful not to drive over the set speed.

Steering wheel (Type B/Type C)

If the set speed is set lower than the current vehicle speed by pressing the SET- or RES switch, the warning beep is not activated for about 30 seconds even if the vehicle speed is faster than the newly set speed by 5 km/h (3 mph). Be careful not to drive over the set speed.

NOTE

When the system is temporarily cancelled by depressing the accelerator pedal fully, the ASL display shows the cancel display. Even if the vehicle speed exceeds the set speed by about 5 km/h (3 mph) or more while the cancel display is displayed, the warning sound is not operated.

▼ Activation/Deactivation

NOTE

When the ignition is switched off, the system status before it was turned off is maintained.

For example, if the ignition is switched off while the ASL is operating, the system will be operable when the ignition is switched ON the next time.

Activation

Steering wheel (Type A/Type B)

Press the MODE switch to operate the system. The ASL screen is displayed, and the ASL main indication displays in white.

Steering wheel (Type C)

Press the LIM switch to operate the system. The ASL screen is displayed, and the ASL main indication displays in white.

NOTE

Steering wheel (Type A/Type B)

When the cruise control, Mazda Radar Cruise Control (MRCC), or Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) system becomes operable after pressing the MODE switch, press the MODE switch again to switch to the ASL.

Deactivation

To deactivate the system, do the following operations:

When a cruising speed has been set (ASL set indication displays in green)

Long-press the CANCEL switch or press the CANCEL switch 2 times. The ASL screen is no longer displayed and the ASL set indication (green) does not display.

When a cruising speed has not been set (ASL main indication displays in white)

Press the CANCEL switch. The ASL screen is no longer displayed and the ASL main indication (white) does not display.

NOTE

Steering wheel (Type A/Type B)

When the MODE switch is pressed while the ASL is operating, the system switches to the cruise control, Mazda Radar Cruise Control (MRCC), or Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) system.

▼ Setting the System

MARNING

Always verify the safety of the surrounding area when setting the ASL:

If the speed is set lower than the current vehicle speed, the vehicle speed is decreased to the set speed. Verify the safety of the surrounding area and keep a safer distance between vehicles ahead and behind you.

1. **(Steering wheel (Type A/Type B))** Press the MODE switch to turn the system on.

(Steering wheel (Type C))
Press the LIM switch to turn the system on.

2. (Steering wheel (Type A))

Press the SET/- to set the speed. When the current vehicle speed is 30 km/h (20 mph) or more, the speed is set to the current vehicle speed. When the current vehicle speed is less than 30 km/h (20 mph), the speed is set to 30 km/h (20 mph).

(Steering wheel (Type B/Type C))

Press the SET+ or SET- to set the speed. When the current vehicle speed is 30 km/h (20 mph) or more, the speed is set to the current vehicle speed. When the current vehicle speed is less than 30 km/h (20 mph), the speed is set to 30 km/h (20 mph).

3. (Steering wheel (Type A))

To increase the set speed, press the RES/+ switch continuously. The set speed can be adjusted in 10 km/h (5 mph) increments. The set speed can also be adjusted in about 1 km/h (1 mph) increments by momentarily pressing the RES/+ switch. For example, the set speed increases about 4 km/h (4 mph) by pressing the RES/+ switch 4 times.

(Steering wheel (Type B/Type C))

To increase the set speed, press the SET+ switch continuously. The set speed can be adjusted in 10 km/h (5 mph) increments. The set speed can also be adjusted in about 1 km/h (1 mph) increments by momentarily pressing the SET+ switch. For example, the set speed increases about 4 km/h (4 mph) by pressing the SET+ switch 4 times.

4. (Steering wheel (Type A))

To decrease the set speed, press the SET/- switch continuously. The set speed can be adjusted in 10 km/h (5 mph) increments. The set speed can also be adjusted in about 1 km/h (1 mph) increments by momentarily pressing the SET/- switch. For example, the set speed decreases about 4 km/h (4 mph) by pressing the SET/- switch 4 times.

(Steering wheel (Type B/Type C))

To decrease the set speed, press the SET- switch continuously. The set speed can be adjusted in 10 km/h (5 mph) increments. The set speed can also be adjusted in about 1 km/h (1 mph) increments by momentarily pressing the SET- switch. For example, the set speed decreases about 4 km/h (4 mph) by pressing the SET- switch 4 times.

NOTE

· (Steering wheel (Type A))

When the vehicle set speed is displayed in the instrument cluster, press the RES/+ switch to set the displayed vehicle speed.

(Steering wheel (Type B/Type C))

When the vehicle set speed is displayed in the instrument cluster, press the RES switch to set the displayed vehicle speed.

- The system is temporarily cancelled when the vehicle is accelerated by depressing the accelerator pedal strongly, however, it resumes when the vehicle speed decreases to the set speed or less
- The vehicle speed may exceed the set speed on a down slope.

▼ Temporarily Cancelling the System

The system is temporarily cancelled (stand-by status) when any of the following operations is done while the ASL is displayed.

- · CANCEL switch is pressed
- · Accelerator pedal is strongly depressed

(Steering wheel (Type A))

Press the RES/+ switch to resume the operation at the previous set speed. The ASL display remains displayed.

(Steering wheel (Type B/Type C))

Press the RES switch to resume the operation at the previous set speed. The ASL display remains displayed.

NOTE

· (Steering wheel (Type A))

The set speed can be set by pressing the SET/- switch while the system is in stand-by status.

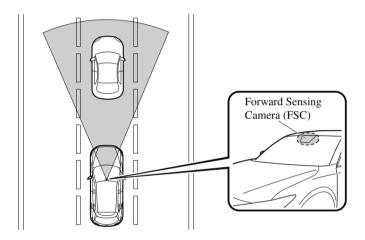
(Steering wheel (Type B/Type C))

The set speed can be set by pressing the SET+ or SET- switch while the system is in stand-by status.

• The ASL is not cancelled by depressing the brake pedal.

Advanced Smart City Brake Support (Advanced SCBS)*

The Advanced SCBS alerts the driver of a possible collision using the display and a warning sound when the Forward Sensing Camera (FSC) detects a vehicle ahead or pedestrian and determines that a collision with the object is unavoidable while the vehicle is driven at a vehicle speed of about 4 to 80 km/h (2 to 50 mph) if the object is a vehicle ahead and about 10 to 80 km/h (6.2 to 50 mph) if the object is a pedestrian. In addition, the system reduces damage in the event of a collision by operating the brake control (Advanced SCBS brake) when the system determines that a collision is unavoidable. In addition, when the driver depresses the brake pedal, the brakes are applied firmly and quickly to assist. (Brake Assist (Advanced SCBS brake assist))





Do not rely completely on the Advanced SCBS system:

- The Advanced SCBS system is only designed to reduce damage in the event of a collision.

 Over reliance on the system leading to the accelerator pedal or brake pedal being mistakenly operated could result in an accident.
- The Advanced SCBS system operates in response to a vehicle ahead or a pedestrian. The system does not operate in response to obstructions such as a wall, 2-wheeled vehicles, or animals.

A CAUTION

In the following cases, turn the system off to prevent a mis-operation:

- > The vehicle is being towed or when towing another vehicle.
- > The vehicle is on a chassis roller.
- ▶ When driving on rough roads such as in areas of dense grass or off-road.

Refer to Stopping the Advanced Smart City Brake Support (Advanced SCBS) System Operation on page 4-233 on how to turn off the Advanced SCBS system.

NOTE

- The Advanced SCBS system will operate under the following conditions.
 - · The engine is running.
 - The Smart City Brake Support (SCBS) warning light/warning indication (amber) does not illuminate.
 - · (Object is vehicle ahead)

The vehicle speed is between about 4 to 80 km/h (2 to 50 mph).

· (Object is a pedestrian)

The vehicle speed is between about 10 to 80 km/h (6.2 to 50 mph).

- · The Advanced SCBS system is not turned off.
- · Under the following conditions, the Advanced SCBS system may not operate normally:
 - The Advanced SCBS system will not operate if the driver is deliberately performing driving operations (accelerator pedal and steering wheel).
 - · If there is the possibility of partial contact with a vehicle ahead.
 - The vehicle is driven on a slippery road surface such as wet roads or icy or snow-bound roads.
 - The braking performance is adversely affected due to cold temperatures or wet brakes.
 - The vehicle is driven at the same speed as the vehicle ahead.
 - · The accelerator pedal is depressed.
 - · The brake pedal is depressed.
 - · The steering wheel is being operated.
 - · The selector lever is being operated.
- · In the following cases, the Advanced SCBS may operate.
 - · Objects on the road at the entrance to a curve.
 - \cdot Vehicles passing in the opposite lane while making a curve.
 - · When passing through a toll gate.
 - · When passing through low gates, narrow gates, car washing machines, or tunnels.
 - · If you suddenly come close to a vehicle ahead.
 - \cdot 2-wheeled vehicles, animals, or standing trees.

• During the Advanced SCBS brake control, the brake pedal may move rearward or become stiff. The brakes are operating, but continue to depress the brake pedal.

▼ Smart City Brake Support (SCBS) Indicator Light (Red)*

If the Advanced SCBS is operating, the indicator light (red) flashes.



▼ Collision Warning*

If there is the possibility of a collision with a vehicle ahead, the beep sounds continuously and a warning is indicated in the multi-information display or the active driving display.

BRAKE!

NOTE

The operation distance and volume of the collision warning can be changed. Refer to the Settings section in the Mazda Connect Owner's Manual.

▼ Automatic Brake Operation Display*

The automatic brake operation display is indicated on the multi-information display after the Advanced SCBS is operated.



SCBS Automatic Brake

NOTE

- The collision warning beep sounds intermittently while the Advanced SCBS brake or brake assist (Advanced SCBS brake assist) is operating.
- · If the vehicle is stopped by the Advanced SCBS operation and the brake pedal is not depressed, the warning beep sounds 1 time after about 2 seconds and the Advanced SCBS brake is automatically released.

▼ Stopping the Advanced Smart City Brake Support (Advanced SCBS) System Operation

The Advanced SCBS system can be temporarily deactivated. When the Advanced SCBS system is turned off, the Smart City Brake Support (SCBS) OFF indicator light turns on.



When the engine is restarted, the system becomes operational.

Without SCBS OFF switch

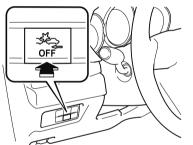
Refer to the Settings section in the Mazda Connect Owner's Manual.

NOTE

When the Advanced SCBS system is set to inoperable, the Smart City Brake Support [Reverse] (SCBS R) system and the Smart Brake Support (SBS) are also set to inoperable.

With SCBS OFF switch

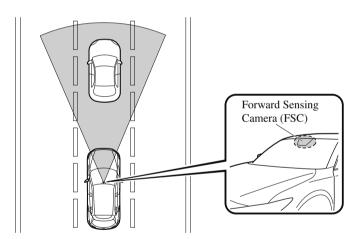
Press the SCBS OFF switch to turn off the system. The Smart City Brake Support (SCBS) OFF indicator light in the instrument cluster will illuminate.



Press the switch again to turn the system back on. The Smart City Brake Support (SCBS) OFF indicator light will turn off.

Smart City Brake Support [Forward] (SCBS F)*

The SCBS F system alerts the driver of a possible collision using an indication in the display and a warning sound when the Forward Sensing Camera (FSC) detects a vehicle ahead and determines that a collision with a vehicle ahead is unavoidable while the vehicle is being driven at a vehicle speed of about 4 to 80 km/h (2 to 50 mph). In addition, the system reduces damage in the event of a collision by operating the brake control (Smart City Brake Support (SCBS) brake) when the system determines that a collision is unavoidable while the vehicle is being driven at a vehicle speed of about 4 to 30 km/h (2 to 18 mph). It may also be possible to avoid a collision if the relative speed between your vehicle and the vehicle in front of you is less than about 20 km/h (12 mph). In addition, when the driver depresses the brake pedal while the system is in the operation range at about 4 to 30 km/h (2 to 18 mph), the brakes are applied firmly and quickly to assist. (Brake Assist (Smart City Brake Support (SCBS) brake assist))



▲ WARNING

Do not rely completely on the SCBS F system:

- ➤ The SCBS F system is only designed to reduce damage in the event of a collision. Over reliance on the system leading to the accelerator pedal or brake pedal being mistakenly operated could result in an accident.
- ➤ The SCBS F is a system which operates in response to a vehicle ahead. The system may not be able to detect or react to 2-wheeled vehicles or pedestrians.

▲ CAUTION

In the following cases, turn the system off to prevent a mis-operation:

- > The vehicle is being towed or when towing another vehicle.
- > The vehicle is on a chassis roller.
- ➤ When driving on rough roads such as in areas of dense grass or off-road.

Refer to Stopping the Smart City Brake Support [Forward] (SCBS F) system Operation on page 4-238 on how to turn off the SCBS F system.

NOTE

- The SCBS F system will operate under the following conditions.
 - · The engine is running.
 - The Smart Brake Support/Smart City Brake Support (SBS/SCBS) system warning indication/warning light (amber) does not illuminate.
 - · (Rear-end collision warning)

The vehicle speed is about 4 to 80 km/h (2 to 50 mph).

· (Brake control (Smart City Brake Support (SCBS) brake))

The vehicle speed is about 4 to 30 km/h (2 to 18 mph).

- The SCBS F system is not turned off.
- · Under the following conditions, the SCBS F system may not operate normally:
 - The SCBS F system will not operate if the driver is deliberately performing driving operations (accelerator pedal and steering wheel).
 - · If there is the possibility of partial contact with a vehicle ahead.
 - The vehicle is driven on a slippery road surface such as wet roads or icy or snow-bound roads.
 - The braking performance is adversely affected due to cold temperatures or wet brakes.
 - The vehicle is driven at the same speed as the vehicle ahead.
 - · The accelerator pedal is depressed.
 - · The brake pedal is depressed.
 - · The steering wheel is being operated.
 - · The selector lever is being operated.
- · In the following cases, the Forward Sensing Camera (FSC) determines that there is a vehicle ahead and the SCBS F may operate.
 - · Objects on the road at the entrance to a curve.
 - \cdot Vehicles passing in the opposite lane while making a curve.
 - · Metal objects, bumps, or protruding objects on the road.
 - · When passing through a toll gate.
 - $\cdot \textit{When passing through low gates, narrow gates, car washing machines, or tunnels.}\\$

- If you suddenly come close to a vehicle ahead.
- · 2-wheeled vehicles, pedestrians, animals or standing trees.
- · Vehicle is driven with some of the tyres having significant wear.
- During the SCBS F brake control, the brake pedal may move rearward or become stiff. The brakes are operating, but continue to depress the brake pedal.

▼ Smart City Brake Support (SCBS) Indicator Light (Red)*

If the Smart City Brake Support (SCBS) is operating, the indicator light (red) flashes.



▼ Collision Warning*

If there is the possibility of a collision with a vehicle ahead, the beep sounds continuously and a warning is indicated in the multi-information display or the active driving display.

BRAKE!

NOTE

The operation distance and volume of the collision warning can be changed. Refer to the Settings section in the Mazda Connect Owner's Manual.

▼ Automatic Brake Operation Display*

The automatic brake operation display is indicated on the multi-information display after the SCBS F is operated.



SCBS
Automatic Brake

- The collision warning beep sounds intermittently while the SCBS F brake or brake assist (SCBS F brake assist) is operating.
- If the vehicle is stopped by the SCBS F operation and the brake pedal is not depressed, the warning beep sounds 1 time after about 2 seconds and the SCBS F brake is automatically released.

▼ Stopping the Smart City Brake Support [Forward] (SCBS F) System Operation

The SCBS F system can be temporarily deactivated.

When the SCBS F system is turned off, the Smart City Brake Support (SCBS) OFF indicator light turns on.



When the engine is restarted, the system becomes operational.

Without SCBS OFF switch

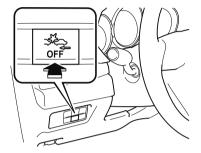
Refer to the Settings section in the Mazda Connect Owner's Manual.

NOTE

When the SCBS F system is set to inoperable, the Smart City Brake Support [Reverse] (SCBS R) system and the Smart Brake Support (SBS) are also set to inoperable.

With SCBS OFF switch

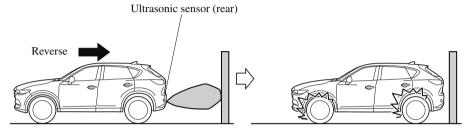
Press the SCBS OFF switch to turn off the system. The Smart City Brake Support (SCBS) OFF indicator light in the instrument cluster will illuminate.



Press the switch again to turn the system back on. The Smart City Brake Support (SCBS) OFF indicator light will turn off.

Smart City Brake Support [Reverse] (SCBS R)*

The SCBS R is a system which is designed to reduce damage in the event of a collision by operating the brake control (SCBS brake) when the system's ultrasonic sensors detect an obstruction at the rear of the vehicle while driving at a speed of about 2 to 8 km/h (2 to 4 mph) and the system determines that a collision is unavoidable.





Do not rely completely on the SCBS R system:

- ➤ The SCBS R system is only designed to reduce damage in the event of a collision. Over reliance on the system leading to the accelerator pedal or brake pedal being mistakenly operated could result in an accident.
- To assure the correct operation of the SCBS R, heed the following cautions.
 - ➤ Do not apply a sticker to an ultrasonic sensor (rear) (including transparent stickers). Otherwise, the ultrasonic sensor (rear) may not be able to detect vehicles or obstructions which could result in an accident.
 - ➤ Do not disassemble an ultrasonic sensor (rear).
 - ➤ If cracks or damage caused by flying gravel or debris is visible around an ultrasonic sensor (rear), stop using the SCBS R system immediately and have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer). If the vehicle continues to be driven with cracks or scratch marks left around an ultrasonic sensor, the system may operate unnecessarily and cause an unexpected accident.

 Refer to Stopping the Smart City Brake Support [Reverse] (SCBS R) System Operation on page 4-242.
 - Consult an expert repairer (we recommend an Authorised Mazda Repairer) for rear bumper replacement.

Do not modify the suspension:

If the vehicle height or inclination is changed, the SCBS R system may not operate correctly because it cannot detect obstructions correctly.

Do not apply a strong force to an ultrasonic sensor (rear):

When washing the vehicle, do not spray highly pressurised water against an ultrasonic sensor (rear), or rub it strongly. In addition, do not hit the rear bumper forcefully when loading and unloading cargo Otherwise, the sensors may not detect obstructions correctly which could cause the SCBS R system to not operate normally, or it could operate unnecessarily.

A CAUTION

- ➤ When driving off-road in areas where there is grass or foliage, it is recommended that the SCBS R system be turned off.
- Always use tyres of the specified size and the same manufacturer, brand, and tread pattern on all 4 wheels. In addition, do not use tyres with significantly different wear patterns on the same vehicle. Otherwise, the SCBS R system may not operate normally.
- If ice or snow is stuck on the ultrasonic sensors (rear) they may not be able to detect obstructions correctly depending on the conditions. In such cases, the system may not be able to perform controls correctly. Always drive carefully and pay attention to the rear of the vehicle.

- The vehicle posture changes depending on the accelerator pedal, brake pedal and steering wheel operations, which could make it difficult for the system to recognise an obstruction, or it could facilitate unnecessary detection. In such cases, the SCBS R may or may not operate.
- The SCBS R system will operate under the following conditions.
 - · The engine is running.
 - $\boldsymbol{\cdot}$ The selector lever is in the R (reverse) position.
 - · "Reverse Smart City Brake Support Malfunction" is not displayed in the multi-information display.
 - The vehicle speed is between about 2 to 8 km/h (2 to 4 mph).
 - · The SCBS R is not turned off.
 - \cdot The DSC is not malfunctioning.
- The SCBS R operates using ultrasonic sensors (rear) which detect obstructions at the rear by emitting ultrasonic waves and then receiving the returning waves reflected off the obstructions.
- \cdot In the following cases, the ultrasonic sensors (rear) cannot detect obstructions and the SCBS R may not operate.
 - The height of the obstruction is low such as low walls or trucks with low loading platforms.
 - The height of the obstruction is high such as trucks with high loading platforms.

- · The obstruction is small.
- · The obstruction is thin such as a signpost.
- The obstruction is positioned away from the centre of the vehicle.
- The surface of the obstruction is not pointed vertically relative to the vehicle.
- The obstruction is soft such as a hanging curtain or snow stuck to a vehicle.
- The obstruction is shaped irregularly.
- · The obstruction is extremely close.
- In the following cases, the ultrasonic sensors (rear) cannot detect obstructions correctly and the SCBS R may not operate.
 - · Something is stuck on the bumper near an ultrasonic sensor (rear).
 - · The steering wheel is turned sharply, or the brake or accelerator pedal is operated.
 - There is another obstruction near one obstruction.
 - · During inclement weather such as rain, fog and snow.
 - · High or low humidity.
 - · High or low temperatures
 - · Strong winds.
 - · The path of travel is not flat.
 - · Heavy luggage is loaded in the luggage compartment or on the rear seat.
 - Objects such as a wireless aerial, fog light, or illuminated number plate is installed near an ultrasonic sensor (rear).
 - The orientation of an ultrasonic sensor (rear) has deviated for reasons such as a collision.
 - The vehicle is affected by other sound waves such as the horn, engine noise, ultrasonic sensor of another vehicle.
- In the following cases, an ultrasonic sensor (rear) may detect something as a target obstruction which could cause the SCBS R system to operate.
 - · Driving on a steep slope.
 - · Wheel blocks.
 - · Hanging curtains, gate poles such as at toll gates and railroad crossing.
 - · When travelling near objects such as foliage, barriers, vehicles, walls, and fences along a road.
 - \cdot When driving off-road in areas where there is grass and forage.
 - $\cdot \textit{When passing through low gates, narrow gates, car washing machines, and tunnels.}\\$
 - \cdot A towing bar is installed or a trailer is connected.
- During the SCBS R brake control, the brake pedal may move rearward or become stiff. The brakes are operating, but continue to depress the brake pedal.
- \cdot When the system operates, the user is notified by the multi-information display.
- The Smart City Brake Support (SCBS) warning indication (amber) turns on when the system has a malfunction.
- Refer to Taking Action on page 7-54.

▼ Automatic Brake Operation Display

"SCBS Automatic Brake" is indicated in the multi-information display after the Smart City Brake Support (SCBS) brakes is operated.



SCBS Automatic Brake

NOTE

- The collision warning beep sounds intermittently while the Smart City Brake Support (SCBS) brake is operating.
- · If the vehicle is stopped by the Smart City Brake Support (SCBS) operation and the brake pedal is not depressed, the warning beep sounds one time after about 2 seconds and the Smart City Brake Support (SCBS) brake is automatically released.

▼ Stopping the Smart City Brake Support [Reverse] (SCBS R) System Operation

The SCBS R system can be temporarily deactivated

Refer to the Settings section in the Mazda Connect Owner's Manual.

When the SCBS R system is turned off, the Smart City Brake Support (SCBS) OFF indicator light turns on.



When the engine is restarted, the system becomes operational.

NOTE

When the SCBS R system is set to inoperable, Advanced Smart City Brake Support (Advanced SCBS) and the Smart Brake Support (SBS) are also set to inoperable.

Smart Brake Support (SBS)*

The SBS system alerts the driver of a possible collision using a display and warning sound if the radar sensor (front) and the Forward Sensing Camera (FSC) determine that there is the possibility of a collision with a vehicle ahead while the vehicle is being driven at about 15 km/h or faster (10 mph or faster). Furthermore, if the radar sensor (front) and the Forward Sensing Camera (FSC) determines that a collision is unavoidable, the automatic brake control is performed to reduce damage in the event of a collision. In addition, when the driver depresses the brake pedal, the brakes are applied firmly and quickly to assist. (Brake Assist (SBS brake assist))

▲ WARNING

Do not rely completely on the SBS system and always drive carefully:

The SBS is designed to reduce damage in the event of a collision, not avoid an accident. The ability to detect an obstruction is limited depending on the obstruction, weather conditions, or traffic conditions. Therefore, if the accelerator pedal or brake pedal is mistakenly operated it could result in an accident. Always verify the safety of the surrounding area and depress the brake pedal or accelerator pedal while keeping a safer distance from vehicles ahead or on-coming vehicles.

A CAUTION

In the following cases, turn the system off to prevent a mis-operation:

- ➤ The vehicle is being towed or when towing another vehicle.
- > The vehicle is on a chassis roller.
- ➤ When driving on rough roads such as in areas of dense grass or off-road.

- The SBS system operates when all of the following conditions are met:
 - · The ignition is switched ON.
 - · The SBS system is on.
 - The vehicle speed is about 15 km/h or faster (10 mph or faster).
 - The relative speed between your vehicle and the vehicle ahead is about 15 km/h or faster (10 mph or faster).
 - The Dynamic Stability Control (DSC) is not operating.
- The SBS system may not operate under the following conditions:
 - · If the vehicle is accelerated rapidly and it comes close to a vehicle ahead.
 - The vehicle is driven at the same speed as the vehicle ahead.
 - \cdot The accelerator pedal is depressed.
 - · The brake pedal is depressed.
 - · The steering wheel is being operated.
 - $\cdot \textit{ The selector lever is being operated}.$
 - \cdot The direction indicator is being used.
 - When the vehicle ahead is not equipped with tail lights or the tail lights are turned off.

- · When warnings and messages, such as a dirty windscreen, related to the Forward Sensing Camera (FSC) are being displayed in the multi-information display.
- · Although the objects which activate the system are four-wheeled vehicles, the radar sensor (front) could detect the following objects, determine them to be an obstruction, and operate the SBS system.
 - Objects on the road at the entrance to a curve (including guardrails and snow banks).
 - A vehicle appears in the opposite lane while cornering or rounding a curve.
 - · When crossing a narrow bridge.
 - · When passing under a low gate or through a tunnel or narrow gate.
 - · When entering an underground parking area.
 - · Metal objects, bumps, or protruding objects on the road.
 - · If you suddenly come close to a vehicle ahead.
 - When driving in areas where there is high grass or forage.
 - Two-wheeled vehicles such as motorbikes or bicycles.
 - · Pedestrians or non-metallic objects such as standing trees.
- During the SBS brake control, the brake pedal may move rearward or become stiff. The brakes are operating, but continue to depress the brake pedal.
- When the system operates, the user is notified by the multi-information display.
- The SBS warning indication (amber) turns on when the system has a malfunction.

Refer to Taking Action on page 7-54.

▼ Collision Warning

If there is the possibility of a collision with a vehicle ahead, the beep sounds continuously and a warning is indicated in the display.

BRAKE!

▼ Stopping The Smart Brake Support (SBS) System Operation

The SBS system can be temporarily deactivated.

Refer to the Settings section in the Mazda Connect Owner's Manual.

When the SBS system is turned off, the SBS OFF indicator light turns on.



When the engine is restarted, the system becomes operational.

NOTE

If the SBS system operation is turned off, the Smart City Brake Support (SCBS) system operation is turned off simultaneously.

360° View Monitor (Mazda Connect (Type A))*

The 360° View Monitor consists of the following functions which assist the driver in checking the area surrounding the vehicle using various indications in the centre display and a warning sound while the vehicle is being driven at low speeds or while parking.

· Top view

The top view displays an image of the vehicle from directly above on the centre display by combining the images taken from the 4 cameras set on all sides of the vehicle. The top view displays on the right side (left-hand drive)/left side (right-hand drive) of the screen when the front view or rear view screen is being displayed. The top view assists the driver in checking the area surrounding the vehicle when the vehicle is moving forward or in reverse.

· Front view/front wide view

The image from the front of the vehicle is displayed on the centre display. The view from the front assists the driver in checking the front of the vehicle by displaying guide lines on the displayed image taken from the front of the vehicle.

· Side view

The images taken from the front left and right sides of the vehicle are displayed on the centre display.

The side view assists the driver in checking the front sides of the vehicle by displaying guide lines on the displayed image taken from the front left and right sides of the vehicle.

· Rear view/rear wide view

The image from the rear of the vehicle is displayed on the centre display.

The image from the rear assists the driver in checking the rear of the vehicle by displaying guide lines on the displayed image taken from the rear of the vehicle.

· Parking sensor

If there are any obstructions near the vehicle while the top view/side view is displayed, an obstruction detection indication on the centre display turns on.

The parking sensors use ultrasonic sensors to detect obstructions around the vehicle when the vehicle is driven at low speeds, such as during garage or parallel parking, and notifies the driver of the approximate distance from the vehicle to the surrounding obstruction using sound and an obstruction detection indication.

Refer to Parking Sensor System on page 4-345.

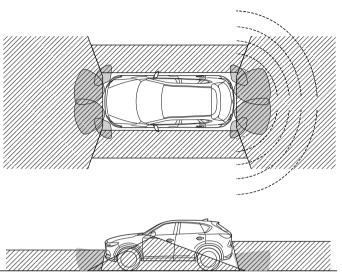
· Rear Cross Traffic Alert (RCTA)

If there is the possibility of a collision with an approaching vehicle while the rear view/rear wide view is displayed, a warning is displayed on the centre display.

The Rear Cross Traffic Alert (RCTA) uses radar sensors (rear) to detect vehicles approaching from the rear left and right sides of the vehicle, and it assists the driver in checking the rear of the vehicle while reversing by flashing the Blind Spot Monitoring (BSM) warning lights and activating the warning sound.

Refer to Rear Cross Traffic Alert (RCTA) on page 4-159.

360°View Monitor Range



: Cameras

: Ultrasonic sensors

: Radar sensors (rear)



Always confirm the safety of the area around the vehicle with the mirrors and directly with your eyes when driving.

The 360°View Monitor is an auxiliary device which assists the driver in checking the safety of the area around the vehicle.

The shooting range of the cameras and detection range of the sensors are limited. For example, the areas in black at the front and rear of the vehicle image and the seams where each of the camera images merge are blind spots where an obstruction may not be visible. In addition, the extended vehicle width lines and projected vehicle path lines are only to be used as references, and the images on the screen may differ from the actual conditions.

A CAUTION

- ➤ Do not use the 360°View Monitor under any of the following conditions.
 - Icy or snow-covered roads.
 - > Tyre chains or a temporary spare tyre is installed.
 - > The front doors or the liftgate is not fully closed.
 - > The vehicle is on a road incline.
 - > The door mirrors are retracted.
- ➤ Do not hit the front/rear camera, front bumper, and door mirrors forcefully. The camera position or installation angle may shift.
- ➤ The cameras are of a waterproof structure. Do not disassemble, modify, or remove a camera.
- The camera cover is made of hard plastic, therefore do not apply oil film remover, organic solvents, wax, or coating agents. If any such agent gets on the camera cover, wipe it off using a soft cloth immediately.
- ➤ Do not rub the camera lens forcefully, or clean it with an abrasive or hard brush. Otherwise, it could scratch the camera lens and negatively affect the images.
- Consult an expert repairer (we recommend an Authorised Mazda Repairer) for repair, painting, or replacement of the front/rear camera, front bumper and door mirrors.
- ➤ Heed the following cautions to assure that the 360°View Monitor operates normally.
 - Do not modify the vehicle suspensions or lower/raise the vehicle body, or both.
 - Always use wheels of the specified type and size for the front and rear wheels. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for tyre replacement.
- ➤ When the display is cold, images may leave trails or the screen might be darker than usual, making it difficult to check the vehicle surroundings. Always confirm the safety at the front and around the vehicle visually when driving.
- ➤ The method for parking/stopping the vehicle using the 360°View Monitor differs depending on the road circumstances/conditions and the vehicle conditions. When and how much you turn the steering wheel will differ depending on the situation, therefore always check the vehicle surroundings directly with your eyes while using the system.

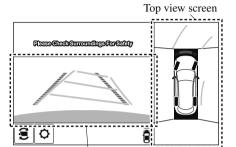
 Also, before using the system, always make sure that the vehicle can be parked/stopped in
 - Also, before using the system, always make sure that the vehicle can be parked/stopped in the parking/stopping space.

- · If there are water droplets, snow, or mud on the camera lens, wipe it off using a soft cloth. If the camera lens is especially dirty, wash it off with mild detergent.
- · If the area where the camera is installed, such as the liftgate or door mirrors, has been damaged in a vehicle accident, the camera (position, installation angle) may have shifted. Always consult an expert repairer (we recommend an Authorised Mazda Repairer) to have the vehicle inspected.
- If the camera is subjected to excessive changes in temperature such as by pouring hot water on the camera during cold weather, the 360°View Monitor may not operate normally.
- · If the lead-acid battery voltage is low, the screen might be temporarily difficult to view, however, this does not indicate a problem.
- The 360°View Monitor has limitations. Objects under the bumper or near both ends of the bumper cannot be displayed.
- · Obstructions above the upper image range of the camera are not displayed.
- · Under the following conditions, the screen might be difficult to view, however this does not indicate a problem.
 - · The temperature near the lens is high/low.
 - · Rainy conditions, water droplets on the camera, or high humidity.
 - · Mud or foreign matter near the camera.
 - · Extremely bright light such as sunlight or headlights hitting the camera lens directly.
- · Because the 360°View Monitor camera uses a special lens, the distance displayed on the screen differs from the actual distance.
- · Obstructions displayed on the screen may appear differently than in actuality. (Obstructions may appear fallen, larger, or longer than they actually are.)
- Do not apply stickers to a camera or the area around it. In addition, do not install accessories or an illuminated number/character number plate to the area around a camera. Otherwise, the camera may not correctly display the surrounding conditions.

▼ Types of Images Displayed on the Screen

Top view/Front view

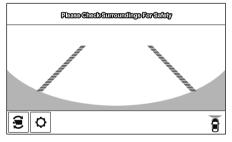
Displays the image of the area around the vehicle and the vehicle front.



Front view screen

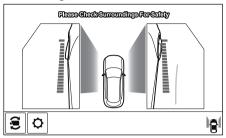
Front wide view

Displays the image of the front of the vehicle (wide-area).



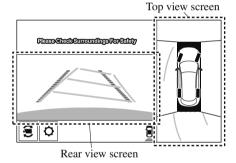
Side view

Displays the image of the left and right sides of the vehicle.



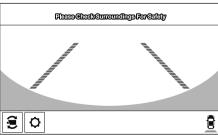
Top view/Rear view

Displays the image of the area around the vehicle and the rear of the vehicle.



Rear wide view

Displays the image of the rear of the vehicle (wide-area).



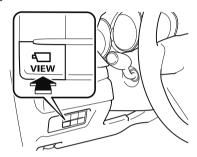
▼ How to Use the System

Top view/Front view, Front wide view, Side view

Indication

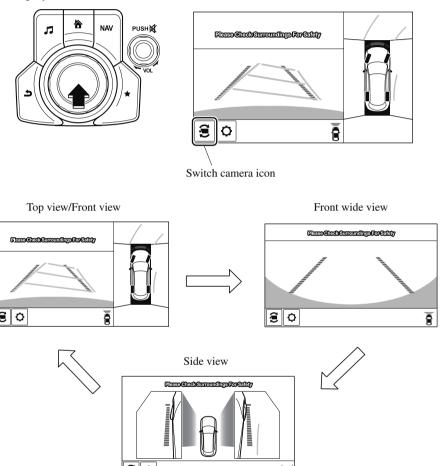
Images are displayed on the screen when the 360° View Monitor switch is pressed with all of the following conditions met.

- · The ignition is switched ON.
- The selector lever is in a position other than R.



Display switching

You can change the displayed screen by pressing the commander knob or by touching the switch camera icon on the screen while the top view/front view, front wide view, or the side view is displayed.



- When the selector lever is in R position, the displayed screen does not switch to the top view/front view, front wide view, or the side view.
- Display of the top view/front view, front wide view, or the side view stops even with the display conditions met if any of the following conditions occurs.
 - · When a switch around the commander knob is pressed.
 - The selector lever is shifted to P position (displayed when the selector lever is in a position other than P).
 - · (Displayed when vehicle speed is less than 15 km/h (9.3 mph))
 - · 4 minutes and 30 seconds have passed.
 - The vehicle speed is about 15 km/h (9.3 mph) or faster.
 - · (Displayed when the vehicle speed is about 15 km/h (9.3 mph) or faster)
 - The vehicle speed is about 15 km/h (9.3 mph) or faster after 8 seconds have passed since pressing the 360°View Monitor switch.
 - 4 minutes and 22 seconds have passed from the point when the vehicle speed was less than 15 km/h (9.3 mph) after 8 seconds have passed since pressing the 360° View Monitor switch.
- The 360°View Monitor displays the previously displayed screen.
- The 360° View Monitor settings can be changed as follows. Refer to the Settings section in the Mazda Connect Owner's Manual.
 - Automatic display of the 360°View Monitor when the ultrasonic sensor detects an obstruction.
 - · Automatic display of the 360°View Monitor when the ignition is switched ON.

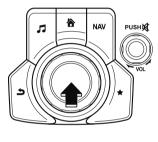
Top view/Rear view, Rear wide view

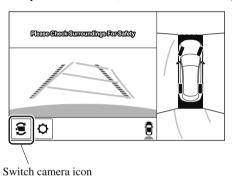
The top view/rear view, rear wide view displays when all of the following conditions are met.

- · The ignition is switched ON.
- · Selector lever is in R position.

Display switching

The displayed screen can be switched by pressing the commander knob or by touching the switch camera icon on the screen while the top view/rear view, rear wide view is displayed.





Top view/Rear view

Rear wide view

NOTE

- The top view/rear view and rear wide view automatically display whether or not the 360° View Monitor switch is turned on or off when shifting the selector lever to R position.
- The setting can be changed to display the top view/front view when shifting from reverse to a forward gear without operating the 360°View Monitor switch to check the front of the vehicle while parallel parking.

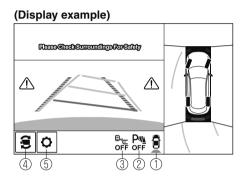
Refer to the Settings section in the Mazda Connect Owner's Manual.

Screen operation/icon



Always stop the vehicle when adjusting the 360°View Monitor image quality.

Do not adjust the 360°View Monitor image quality while driving. If you adjust the 360° View Monitor image quality (such as brightness, contrast, tone, and colour density) while driving, it could lead to an unexpected accident.



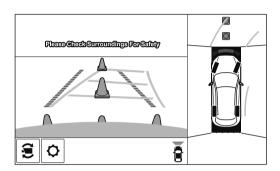
	Display/Icon	Content
	View status icon	Indicates which image is displayed among the front view/front wide view/side view/rear view/rear wide view.
2	Parking sensor status icon	Indicates that the parking sensor has a problem or it is switched off.
3	Rear Cross Traffic Alert (RCTA) status icon	Indicates that the radar sensor (rear) has a problem or it is turned off.
4	Switch camera icon	Each time the screen is touched, the display screen switches.
5	Setting icon	The image quality for the 360°View Monitor can be adjusted.

▼ Top View/Front View

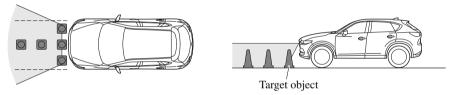
Use the top view/front view to assist in checking the safety of the surrounding area when accelerating from a stop, parking, or stopping the vehicle.

Display range

(Screen display)



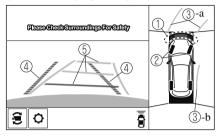
(Actual condition)



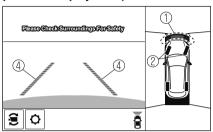
- · In the top view screen, the areas in black at the front and rear of the vehicle image and the seams where each of the camera images merge are blind spots.
- · Because images displayed in the top view screen are processed from each camera, the top view screen may display in the following ways.
 - · If an image containing an object with a conspicuous colour is picked up by any of the cameras, the whole screen may be affected and it may display in that colour.
 - $\cdot \textit{Obstructions displayed in the front view may not display on the top view screen}.$
 - \cdot If the position or angle of each camera changes due to tilting of the vehicle, the image may appear distorted.
 - · Lines on the road may appear distorted at the seams where each of the camera images merge.
 - The entire screen may appear bright/dark depending on the illumination level around any of the cameras.

Viewing the screen

(When the projected vehicle path line display is on)



(When the projected vehicle path line display is off)



	Display/Icon	Content
1	Parking sensor view	Displays the parking sensor detection condition when the parking sensor is activated. For details, refer to the parking sensor obstruction detection indication and warning sound. Refer to Parking Sensor System on page 4-345.
2	Tyre icon	Indicates the tyre direction. Moves in conjunction with the steering wheel operation.
3	Projected vehicle path lines (yellow)	Indicates the approximate projected path of the vehicle. Moves in conjunction with the steering wheel operation. a) Indicates the path where the edge of the front bumper is expected to travel. b) Indicates the path where the inner side of the vehicle is expected to travel.
4	Extended vehicle width lines and distance guide lines (red/blue)	Indicates the approximate width of the vehicle and the distance (from front end of bumper) in front of the vehicle. • The red lines indicate the points up to about 0.5 m (20 in) from the front end of the bumper. • The blue lines indicate the points from about 0.5 m (20 in) and up to 2 m (79 in) from the front end of the bumper.
(5)	Projected vehicle path distance guide lines (red/yellow)	 Indicates the distance (from front end of bumper) in front of the vehicle. The red line indicates the point about 0.5 m (20 in) from the front end of the bumper. The yellow lines indicate the points about 1 m (39 in) and 2 m (79 in) from the front end of the bumper.



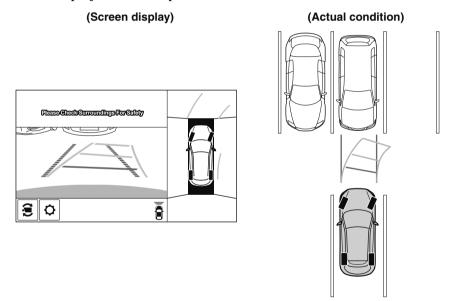
The parking sensor detection range has limitations. For example, obstructions closing in from the side and objects short in height may not be detected. Always confirm the safety around the vehicle visually when driving.

For details, refer to the parking sensor obstruction detection indication and warning sound. Refer to Parking Sensor System on page 4-345.

NOTE

The setting can be changed so that the projected vehicle path lines are not displayed. Refer to the Settings section in the Mazda Connect Owner's Manual.

How to use the projected vehicle path line function

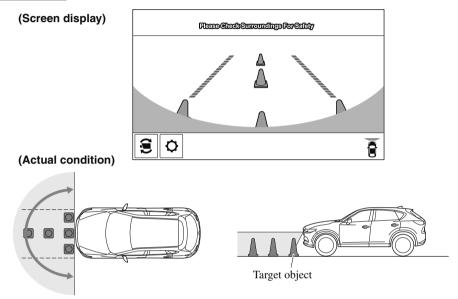


Make sure that there are no obstructions within the projected vehicle path lines. Drive the vehicle forward while turning the steering wheel so that no obstructions come within the projected vehicle path lines.

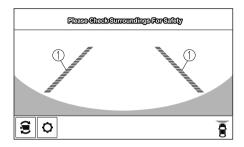
▼ Front Wide View

Use the front wide view to assist in checking the safety of the surrounding area when accelerating from a stop or entering a T-shaped intersection and intersection.

Display range



Viewing the screen



	Display/Icon	Content
1	Extended vehicle width lines and distance guide lines (red/blue)	Indicates the approximate width of the vehicle and the distance (from front end of bumper) in front of the vehicle.
		The red lines indicate the points up to about 0.5 m (20 in) from the front end of the bumper. The blue lines indicate the points from about 0.5 m (20 in) and up to 2 m (79 in) from the front end of the bumper.

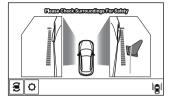
- The parking sensor obstruction detection indication does not display. Switch the screen display to the top view/front view or side view display if the parking sensor warning sound is activated.
- The front wide view screen displays the image in front of the vehicle at a wide angle and corrects the image to help detect approaching obstructions from the side. Therefore, it differs from the actual view.

▼ Side View

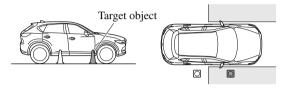
Use the side view to assist in checking the safety of the surrounding area when accelerating from a stop, parking, or stopping the vehicle.

Display range

(Screen display)

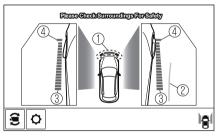


(Actual condition)

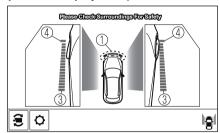


Viewing the screen

(When the projected vehicle path line display is on)



(When the projected vehicle path line display is off)

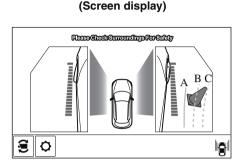


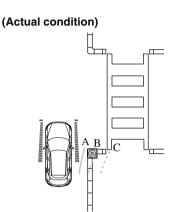
	Display/Icon	Content
1	Parking sensor view	Displays the parking sensor detection condition when the parking sensor is activated. For details, refer to the parking sensor obstruction detection indication and warning sound. Refer to Parking Sensor System on page 4-345.
2	Projected vehicle path lines (yellow)	Indicates the approximate projected path of the vehicle. Moves in conjunction with the steering wheel operation. The projected vehicle path lines (yellow) indicate the path the inner side of the vehicle is expected to travel.
3	Vehicle parallel guide lines (blue)	Indicates the approximate vehicle width including the door mirrors.
4	Vehicle front end guide lines (blue)	Indicates the point about 0.25 m (9.8 in) from the front edge of the vehicle (front edge of the bumper).

NOTE

The setting can be changed so that the projected vehicle path lines are not displayed. Refer to the Settings section in the Mazda Connect Owner's Manual.

How to use the projected vehicle path line function





Make sure that there are no obstructions within the projected vehicle path lines. Turn the steering wheel so that the projected vehicle path lines travel inside of the obstruction (A), and drive the vehicle forward until it passes the obstruction. If the projected vehicle path lines are on an obstruction (B) or outside of the obstruction (C), the vehicle may contact the obstruction when turning the vehicle sharply.

A CAUTION

- > The parking sensor detection range has limitations. For example, obstructions closing in from the side and objects short in height may not be detected. Always confirm the safety around the vehicle visually when driving.
 - For details, refer to the parking sensor obstruction detection indication and warning sound. Refer to Parking Sensor System on page 4-345.
- > Do not turn the steering wheel any more until the vehicle has passed the obstruction, even if the obstruction is not visible on the side view image. If the steering wheel is turned even more, the vehicle may contact the obstruction if it is turned sharply.

NOTE

· Because there might be a difference between the image displayed on the screen and the actual conditions, always check the safety of the surrounding area using the mirrors and directly with your eyes when driving.

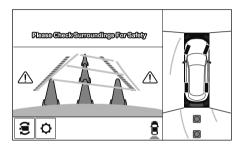
• Even though the object displayed on the screen, such as a road curb or a division line of a parking space, and the vehicle parallel guide lines appear parallel, they may not actually be parallel.

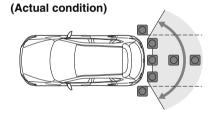
▼ Top View/Rear View

Use the top view/rear view to assist in checking the safety of the surrounding area when accelerating from a stop, parking, or stopping the vehicle.

Range of displayed screen image

(Screen display)



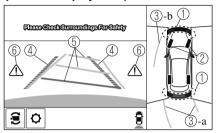




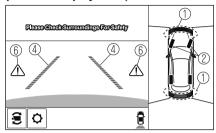
- · In the top view screen, the areas in black at the front and rear of the vehicle image and the seams where each of the camera images merge are blind spots.
- · Because images displayed in the top view screen are processed from each camera, the top view screen may display in the following ways.
 - If an image containing an object with a conspicuous colour is picked up by any of the cameras, the whole screen may be affected and it may display in that colour.
 - · Obstructions displayed in the rear view may not display on the top view screen.
 - If the position or angle of each camera changes due to tilting of the vehicle, the image may appear distorted.
 - · Lines on the road may appear distorted at the seams where each of the camera images merge.
 - The entire screen may appear bright/dark depending on the illumination level around any of the cameras.

Viewing the screen

(When the projected vehicle path line display is on)



(When the projected vehicle path line display is off)



	Display/Icon	Content
1	Parking sensor view	Displays the parking sensor detection condition when the parking sensor is activated. For details, refer to the parking sensor obstruction detection indication and warning sound. Refer to Parking Sensor System on page 4-345.
2	Tyre icon	Indicates the tyre direction. Moves in conjunction with the steering wheel operation.
3	Projected vehicle path lines (yellow)	Indicates the approximate projected path of the vehicle. Moves in conjunction with the steering wheel operation. a) Indicates the path where the rear wheels are expected to travel. b) Indicates the path where the outer side of the vehicle is expected to travel.
4	Extended vehicle width lines and distance guide lines (red/blue)	These guide lines indicate the approximate width of the vehicle and distance to a point measured from the rear of the vehicle (from the end of the bumper). • The red lines indicate the points up to about 0.5 m (20 in) from the rear end of the bumper. • The blue lines indicate the points from about 0.5 m (20 in) and up to 2 m (79 in) from the rear end of the bumper.
(5)	Projected vehicle path distance guide lines (red/yellow)	 These guide lines indicate the approximate distance to a point measured from the rear of the vehicle (from the end of the bumper). The red line indicates the point about 0.5 m (20 in) from the rear end of the bumper. The yellow lines indicate the points about 1 m (39 in) and 2 m (79 in) from the rear end of the bumper.

	Display/Icon	Content
6	lights	Indicates when the Rear Cross Traffic Alert (RCTA) has operated. For details, refer to Rear Cross Traffic Alert (RCTA).
		Refer to Rear Cross Traffic Alert (RCTA) on page 4-159.

NOTE

The setting can be changed so that the projected vehicle path lines are not displayed. Refer to the Settings section in the Mazda Connect Owner's Manual.

How to use the projected vehicle path line function

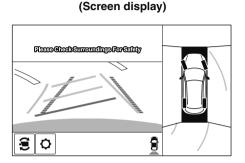


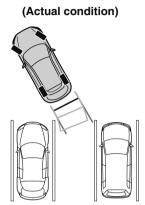
- > The front of the vehicle swings out wide when turning the steering wheel while reversing.

 Maintain sufficient distance between the vehicle and an obstruction.
- The parking sensor detection range has limitations. For example, obstructions closing in from the side and objects short in height may not be detected. Always confirm the safety around the vehicle visually when driving.
 - For details, refer to the parking sensor obstruction detection indication and warning sound. Refer to Parking Sensor System on page 4-345.

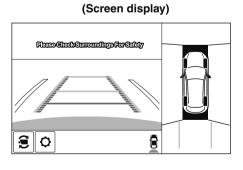
- · Because there might be a difference between the image displayed on the screen, such as indicated in the following, and the actual conditions when parking, always check the safety at the rear of the vehicle and the surrounding area directly with your eyes.
 - Even though the back end of the parking space (or garage) displayed on the screen and distance guide lines appear parallel, they may not actually be parallel.
 - When parking in a space with a division line on only one side of the parking space, even though the division line and the vehicle width guide line appear parallel, they may not actually be parallel.
- The following shows an example of vehicle parking with the steering wheel turned to the left while backing up the vehicle. When backing into a parking space from the opposite direction, the steering operation is reversed.

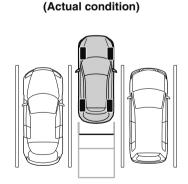
1. Back the vehicle into the parking space by turning the steering wheel so that the vehicle enters the centre of the parking space.





- 2. After the vehicle starts entering the parking space, stop and adjust the steering wheel so that the distance between the vehicle width lines and the sides of the parking space on the left and right are roughly equal, and then continue backing up slowly.
- 3. Once the vehicle width lines and the sides of the parking space on the left and right are parallel, straighten the wheels and back the vehicle slowly into the parking space. Continue checking the vehicle's surroundings and then stop the vehicle in the best possible position. (If the parking space has division lines, check whether the vehicle width guide lines are parallel to them.)



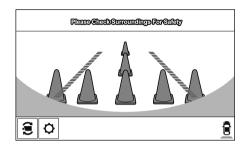


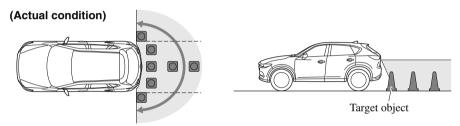
▼ Rear Wide View

Use the rear wide view to assist in checking the safety of the surrounding area when accelerating from a stop, parking, or stopping the vehicle.

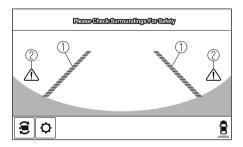
Range of displayed screen image

(Screen display)





Viewing the screen



	Display/Icon	Content
1	Extended vehicle width lines and distance guide lines (red/blue)	These guide lines indicate the approximate width of the vehi- cle and distance to a point measured from the rear of the vehi- cle (from the end of the bumper).
		 The red lines indicate the points up to about 0.5 m (20 in) from the rear end of the bumper. The blue lines indicate the points from about 0.5 m (20 in) and up to 2 m (79 in) from the rear end of the bumper.

		Display/Icon	Content
Ī	2	Blind Spot Monitoring (BSM) warning	Indicates when the Rear Cross Traffic Alert (RCTA) has oper-
		lights	ated.
			For details, refer to Rear Cross Traffic Alert (RCTA).
			Refer to Rear Cross Traffic Alert (RCTA) on page 4-159.

NOTE

- The parking sensor obstruction detection indication does not display. Switch the screen display to the top view/rear view display if the parking sensor warning sound is activated.
- The rear wide view screen displays the image at the rear of the vehicle at a wide angle and corrects the image to help detect approaching obstructions from the side. Therefore, it differs from the actual view.

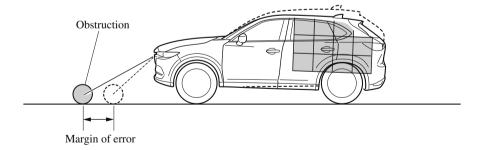
▼ Margin of Error Between Road Surface on Screen and Actual Road Surface

There might be some margin of error between the road surface appearing on the screen and the actual road surface. A margin of error in the perceived distance could lead to an accident, therefore be aware of the following conditions which can more easily produce errors in the perceived distance.

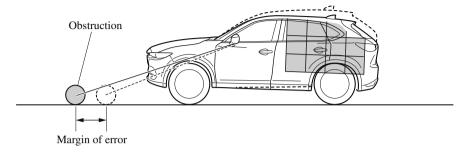
The vehicle tilts due to weight of passengers and cargo.

If the vehicle is tilted, obstructions picked up by a camera can appear farther or closer than the actual distance from the vehicle.

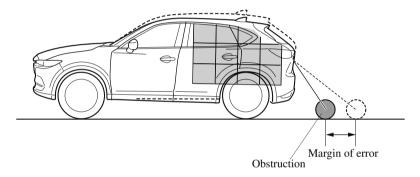
Front camera



Side camera



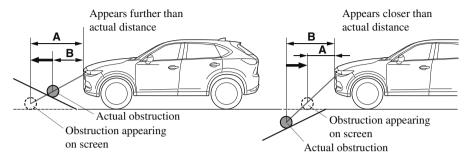
Rear camera



There is a steep up or down grade in the road at the front or rear of the vehicle

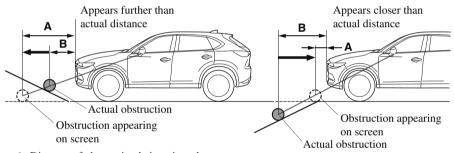
If there is a steep up or down grade in the road at the front or rear of the vehicle, obstructions picked up by the camera can appear farther or closer than the actual distance from the vehicle.

Front camera



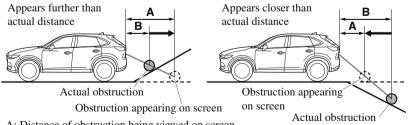
- A: Distance of obstruction being viewed on screen
- B: Actual distance of obstruction from vehicle

Side camera



- A: Distance of obstruction being viewed on screen
- B: Actual distance of obstruction from vehicle

Rear camera



- A: Distance of obstruction being viewed on screen
- B: Actual distance of obstruction from vehicle

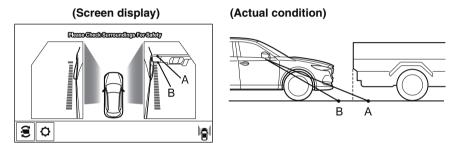
NOTE

If the vehicle is on a slope, obstructions taken by the camera can appear farther or closer than the actual distance from the vehicle.

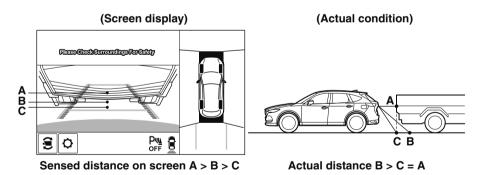
Three-dimensional object at vehicle front or rear

Because the vehicle front end guide lines (side camera) or the distance guide lines (rear camera) are displayed based on a flat surface, the distance to the three-dimensional object displayed on the screen is different from the actual distance.

Side camera



Rear camera



▼ System Problem Indication

Centre display indication	Cause	Action to be taken	
"No image signal reception" is dis- played	The control unit might be damaged.	Have your vehicle inspected by an expert repairer (we rec-	
Screen is pitch-black and blank	Th	ommend an Authorised Maz- da Repairer).	

360° View Monitor (Mazda Connect (Type B))*

▼ 360° View Monitor

The 360°View Monitor consists of the following functions which assist the driver in checking the area surrounding the vehicle using various indications in the centre display and a warning sound while the vehicle is being driven at low speeds or while parking.

· Top view

The top view displays an image of the vehicle from directly above on the centre display by combining the images taken from the 4 cameras set on all sides of the vehicle. The top view displays on the right side (left-hand drive)/left side (right-hand drive) of the screen when the front view or rear view screen is being displayed. The top view assists the driver in checking the area surrounding the vehicle when the vehicle is moving forward or in reverse.

· Front view/front wide view

The image from the front of the vehicle is displayed on the centre display. The view from the front assists the driver in checking the front of the vehicle by displaying guide lines on the displayed image taken from the front of the vehicle.

· Side view

The images taken from the front left and right sides of the vehicle are displayed on the centre display.

The side view assists the driver in checking the front sides of the vehicle by displaying guide lines on the displayed image taken from the front left and right sides of the vehicle.

· Rear view/rear wide view

The image from the rear of the vehicle is displayed on the centre display.

The image from the rear assists the driver in checking the rear of the vehicle by displaying guide lines on the displayed image taken from the rear of the vehicle.

· Parking sensor

If there are any obstructions near the vehicle while the top view/side view is displayed, an obstruction detection indication turns on around the bumper in the centre display.

The parking sensors use ultrasonic sensors to detect obstructions around the vehicle when the vehicle is driven at low speeds, such as during garage or parallel parking, and notifies the driver of the approximate distance from the vehicle to the surrounding obstruction using sound and an obstruction detection indication.

Refer to Parking Sensor System on page 4-355.

· Rear Cross Traffic Alert (RCTA)

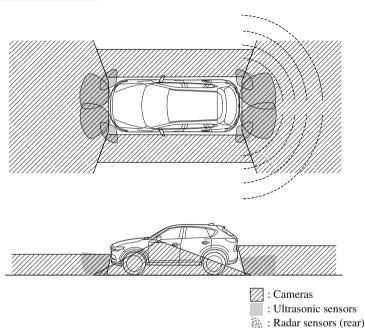
If there is the possibility of a collision with an approaching vehicle while the rear view/rear wide view is displayed, a warning is displayed on the centre display.

The Rear Cross Traffic Alert (RCTA) uses rear side radar sensor to detect vehicles approaching from the rear left and right sides of the vehicle, and it assists the driver in

checking the rear of the vehicle while reversing by flashing the Blind Spot Monitoring (BSM) warning lights and activating the warning sound.

Refer to Rear Cross Traffic Alert (RCTA) on page 4-159.

360°View Monitor Range





Always confirm the safety of the area around the vehicle with the mirrors and directly with your eyes when driving:

The 360°View Monitor is an auxiliary device which assists the driver in checking the safety of the area around the vehicle.

The shooting range of the cameras and detection range of the sensors are limited. For example, the areas in black at the front and rear of the vehicle image and the seams where each of the camera images merge are blind spots where an obstruction may not be visible. In addition, the extended vehicle width lines and projected vehicle path lines are only to be used as references, and the images on the screen may differ from the actual conditions.

▲ CAUTION

- ➤ Do not use the 360°View Monitor under any of the following conditions.
 - > Icy or snow-covered roads.
 - > Tyre chains or a temporary spare tyre is installed.
 - > The front or rear doors are not fully closed.
 - ➤ The vehicle is on a road incline.
 - > The door mirrors are retracted.
- Do not hit the front/rear camera, front bumper, liftgate, and door mirrors forcefully. The camera position or installation angle may shift.
- The cameras are waterproof. Do not disassemble, modify, or remove a camera.
- ➤ The camera cover is made of hard plastic, therefore do not apply oil film remover, organic solvents, wax, or coating agents. If any such agent gets on the camera cover, wipe it off using a soft cloth immediately.
- > Do not rub the camera lens forcefully, or clean it with an abrasive or hard brush. Otherwise, it could scratch the camera lens and negatively affect the images.
- ➤ Consult an expert repairer (we recommend an Authorised Mazda Repairer) for repair, painting, or replacement of the front/rear camera, front bumper, liftgate and door mirrors.
- ➤ Heed the following cautions to assure that the 360°View Monitor operates normally.
 - Do not modify the vehicle suspensions or lower/raise the vehicle body, or both.
 - Always use tyres of the specified type and size for the front and rear wheels. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for tyre replacement.
- ➤ When the display is cold, images may leave trails or the screen might be darker than usual, making it difficult to check the vehicle surroundings. Always confirm the safety at the front and around the vehicle visually when driving.
- The method for parking/stopping the vehicle using the 360°View Monitor differs depending on the road circumstances/conditions and the vehicle conditions. When and how much you turn the steering wheel will differ depending on the situation, therefore always check the vehicle surroundings directly with your eyes while using the system.
 - Also, before using the system, always make sure that the vehicle can be parked/stopped in the parking/stopping space.

- If there are water droplets, snow, or mud on the camera lens, wipe it off using a soft cloth. If the camera lens is especially dirty, wash it off with mild detergent.
- · If the camera lens is touched or there is any dirt on it, it could affect the screen image. Wipe the lens using a soft cloth.

- · If the area where the camera is installed, such as the front bumper, liftgate or door mirrors, has been damaged in a vehicle accident, the camera (position, installation angle) may have shifted. Always consult an expert repairer (we recommend an Authorised Mazda Repairer) to have the vehicle inspected.
- If the camera is subjected to excessive changes in temperature such as by pouring hot water on the camera during cold weather, the 360°View Monitor may not operate normally.
- · If the lead-acid battery voltage is low, the screen might be temporarily difficult to view, however, this does not indicate a problem.
- The 360°View Monitor has limitations. Objects under the bumper or near both ends of the bumper cannot be displayed.
- · Obstructions above the upper image range of the camera are not displayed.
- · Under the following conditions, the screen might be difficult to view, however this does not indicate a problem.
 - · The temperature near the lens is high/low.
 - · Rainy conditions, water droplets on the camera, or high humidity.
 - · Mud or foreign matter near the camera.
 - · Extremely bright light such as sunlight or headlights hitting the camera lens directly.
 - The surroundings are illuminated by vehicle lights, fluorescent lights, or LED lights (display may flicker).
 - · Extremely small dark or white dots appear on the screen (dots may flicker).
- Because the 360°View Monitor camera uses a special lens, the distance displayed on the screen differs from the actual distance.
- · Obstructions displayed on the screen may appear differently than in actuality. (Obstructions may appear fallen, larger, or longer than they actually are.)
- Do not apply stickers to a camera or the area around it. In addition, do not install accessories or an illuminated number/character number plate to the area around a camera. Otherwise, the camera may not correctly display the surrounding conditions.
- Only rear and rear wide images displayed on the monitor from the 360° view monitor camera are reversed images (mirror images).
- · Free/open source software information

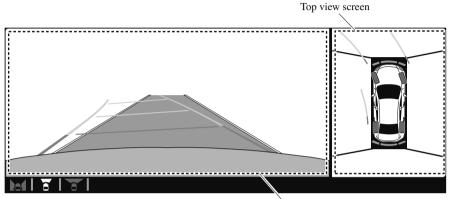
This product includes free/open sources. Information about the licensing and source code is available at the following URL.

https://www.denso.com/global/en/opensource/svss/mazda/

▼ Types of Images Displayed on the Screen

Top view/Front view

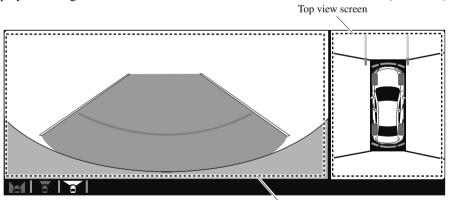
Displays the image of the area around the vehicle and the vehicle front.



Front view screen

Top view/Front wide view

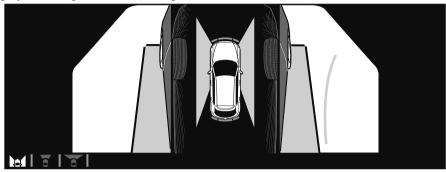
Displays the image of the area around the vehicle and the front of the vehicle (wide-area).



Front wide view screen

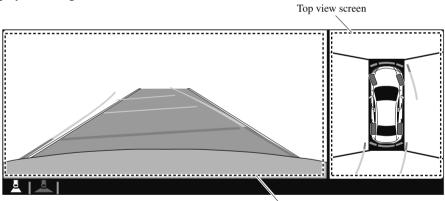
Side view

Displays the image of the left and right sides of the vehicle.



Top view/Rear view

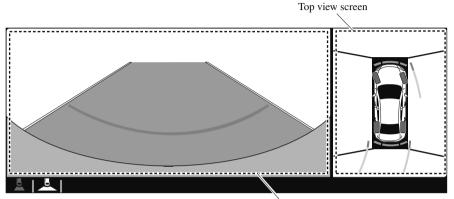
Displays the image of the area around the vehicle and the rear of the vehicle.



Rear view screen

Top view/Rear wide view

Displays the image of the area around the vehicle and the rear of the vehicle (wide-area).



Rear wide view screen

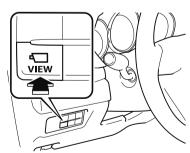
▼ How to Use the System

Top view/Front view, Top view/Front wide view, Side view

Indication

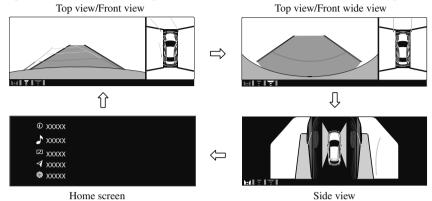
Images are displayed on the screen when the 360° View Monitor switch is pressed with all of the following conditions met.

- · The ignition is switched ON.
- The selector lever is in a position other than R.



Display switching

The displayed screen can be changed each time the 360°view monitor switch is pressed.



- When the selector lever is in R position, the displayed screen does not switch to the top view/front view, top view/front wide view, or the side view.
- Display of the top view/front view, top view/front wide view, or the side view stops even with the display conditions met if any of the following conditions occurs.
 - · When a switch around the commander knob is pressed.
 - The selector lever is shifted to P position (displayed when the selector lever is in a position other than P).
 - · (Displayed when vehicle speed is less than 15 km/h (9.3 mph))
 - · 4 minutes and 30 seconds have passed.
 - The vehicle speed is about 15 km/h (9.3 mph) or faster.
 - \cdot (Displayed when the vehicle speed is about 15 km/h (9.3 mph) or faster)
 - The vehicle speed is about 15 km/h (9.3 mph) or faster after 8 seconds have passed since pressing the 360°View Monitor switch.
 - 4 minutes and 22 seconds have passed from the point when the vehicle speed was less than 15 km/h (9.3 mph) after 8 seconds have passed since pressing the 360°View Monitor switch.
- The 360°View Monitor settings can be changed as follows. Refer to the Settings section in the Mazda Connect Owner's Manual.
 - · Automatic display of the 360°View Monitor when the ultrasonic sensor detects an obstruction.
 - · Automatic display of the 360°View Monitor when the ignition is switched ON.
 - · Screen priority level when the system launches.

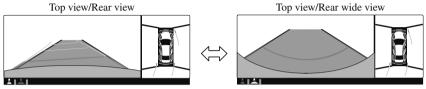
Top view/Rear view, Top view/Rear wide view

The top view/rear view, top view/rear wide view displays when all of the following conditions are met.

- · The ignition is switched ON.
- · Selector lever is in R position.

Display switching

The displayed screen can be changed each time the 360°view monitor switch is pressed.



NOTE

- The top view/rear view and top view/rear wide view automatically display whether or not the 360°View Monitor switch is turned on or off when shifting the selector lever to R position.
- The top view/rear view and top view/rear wide view displays the previously displayed screen.
- The setting can be changed to display the top view/front view when shifting from reverse to a forward gear without operating the 360°View Monitor switch to check the front of the vehicle while parallel parking.

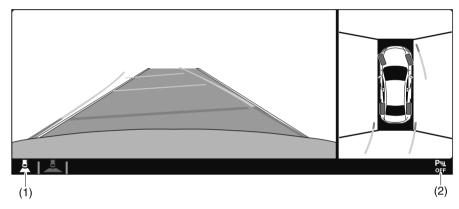
Refer to the Settings section in the Mazda Connect Owner's Manual.

Screen operation/icon



Always stop the vehicle when adjusting the 360°View Monitor image quality.

Do not adjust the 360°View Monitor image quality while driving. If you adjust the 360°View Monitor image quality (such as brightness, contrast, tone, and colour density) while driving, it could lead to an unexpected accident.

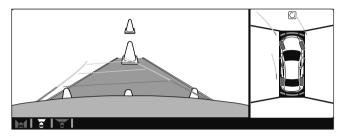


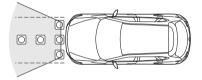
	Display/Icon	Content	
(1)	View status icon	Indicates which image is displayed among the front view/front wide view/side view/rear view/rear wide view.	
(2)	Parking sensor status icon	Indicates that the parking sensor has a problem or it is switched off.	

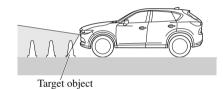
▼ Top View/Front View

Use the top view/front view to assist in checking the safety of the surrounding area when accelerating from a stop, parking, or stopping the vehicle.

Display range

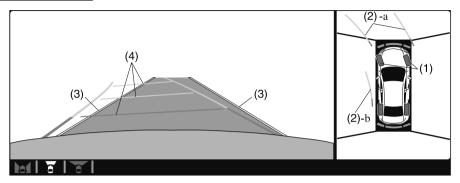






- · In the top view screen, the areas in black at the front and rear of the vehicle image and the seams where each of the camera images merge are blind spots.
- · Because images displayed in the top view screen are processed from each camera, the top view screen may display in the following ways.
 - If an image containing an object with a conspicuous colour is picked up by any of the cameras, the screen area for each camera may be affected and it may display in that colour.
 - · Obstructions displayed in the front view may not display on the top view screen.
 - · If the position or angle of each camera changes due to tilting of the vehicle, the image may appear distorted.
 - · Lines on the road may appear distorted at the seams where each of the camera images merge.
 - The screen area for each camera may appear bright/dark depending on the illumination level around any of the cameras.

Viewing the screen



	Display/Icon	Content	
(1)	Tyre icon	Indicates the tyre direction. Moves in conjunction with the steering wheel operation.	
(2)	Projected vehicle path lines (yellow & red)	Indicates the approximate projected path of the vehicle. Moves in conjunction with the steering wheel operation. a) Indicates the path where the edge of the front bumper is expected to travel. b) Indicates the path where the inner side of the vehicle is expected to travel.	
(3)	Extended vehicle width lines (blue)	Indicates the approximate width of the vehicle.	
(4)	Projected vehicle path distance guide lines (yellow & red)	Indicates the distance (from front end of bumper) in front of the vehicle.	
		The red line indicates the point about 0.5 m (20 in) from the front end of the bumper. The yellow lines indicate the points about 1.0 m (39 in) and 2.0 m (79 in) from the front end of the bumper.	

A CAUTION

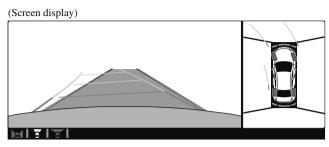
The parking sensor detection range has limitations. For example, obstructions closing in from the side and objects short in height may not be detected. Always confirm the safety around the vehicle visually when driving.

For details, refer to the parking sensor obstruction detection indication and warning sound. Refer to Parking Sensor System on page 4-355.

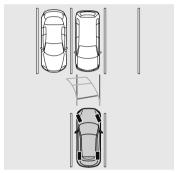
NOTE

The setting can be changed so that the projected vehicle path lines are not displayed. Refer to the Settings section in the Mazda Connect Owner's Manual.

How to use the projected vehicle path line function



(Actual condition)

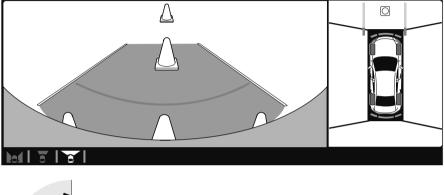


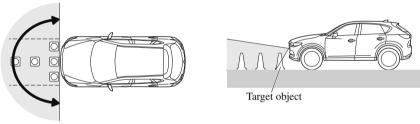
Make sure that there are no obstructions within the projected vehicle path lines. Drive the vehicle forward while turning the steering wheel so that no obstructions come within the projected vehicle path lines.

▼ Top View/Front Wide View

Use the top view/front wide view to assist in checking the safety of the surrounding area when accelerating from a stop or entering a T-shaped intersection and intersection.

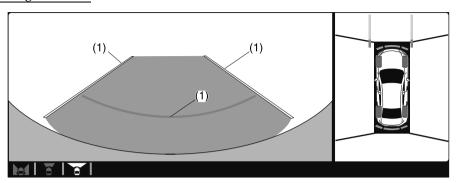
Display range





- In the top view screen, the areas in black at the front and rear of the vehicle image and the seams where each of the camera images merge are blind spots.
- · Because images displayed in the top view screen are processed from each camera, the top view screen may display in the following ways.
 - · If an image containing an object with a conspicuous colour is picked up by any of the cameras, the screen area for each camera may be affected and it may display in that colour.
 - · Obstructions displayed in the front view may not display on the top view screen.
 - If the position or angle of each camera changes due to tilting of the vehicle, the image may appear distorted.
 - · Lines on the road may appear distorted at the seams where each of the camera images merge.
 - The screen area for each camera may appear bright/dark depending on the illumination level around any of the cameras.

Viewing the screen



	Display/Icon	Content	
(1)	Extended vehicle width lines and distance guide lines (blue & red)	Indicates the approximate width of the vehicle and the distance (from front end of bumper) in front of the vehicle.	
		The red lines indicate the points up to about 0.5 m (20 in) from the front end of the bumper.	

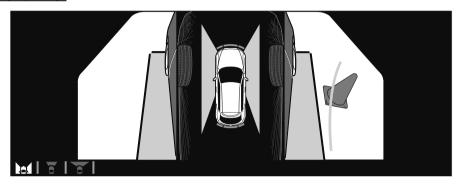
NOTE

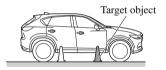
The front wide view screen displays the image in front of the vehicle at a wide angle and corrects the image to help detect approaching obstructions from the side. Therefore, it differs from the actual view.

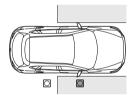
▼ Side View

Use the side view to assist in checking the safety of the surrounding area when accelerating from a stop, parking, or stopping the vehicle.

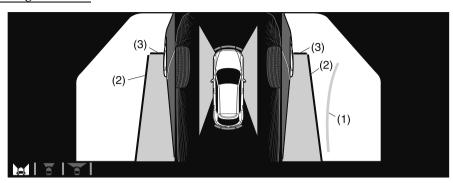
Display range







Viewing the screen



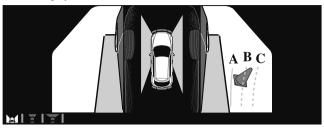
	Display/Icon	Content
(1)	Projected vehicle path lines (yellow)	Indicates the approximate projected path of the vehicle. Moves in conjunction with the steering wheel operation. The projected vehicle path lines (yellow) indicate the path the inner side of the vehicle is expected to travel.
(2)	Vehicle parallel guide lines (blue)	Indicates the approximate vehicle width including the door mirrors.
(3)	Vehicle front end guide lines (blue)	Indicates the point about 0.25 m (9.8 in) from the front edge of the vehicle (front edge of the bumper).

NOTE

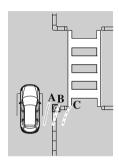
The setting can be changed so that the projected vehicle path lines are not displayed. Refer to the Settings section in the Mazda Connect Owner's Manual.

How to use the projected vehicle path line function

(Screen display)



(Actual condition)



Make sure that there are no obstructions within the projected vehicle path lines. Turn the steering wheel so that the projected vehicle path lines travel inside of the obstruction (A), and drive the vehicle forward until it passes the obstruction. If the projected vehicle path lines are on an obstruction (B) or outside of the obstruction (C), the vehicle may contact the obstruction when turning the vehicle sharply.



- The parking sensor detection range has limitations. For example, obstructions closing in from the side and objects short in height may not be detected. Always confirm the safety around the vehicle visually when driving.
 - For details, refer to the parking sensor obstruction detection indication and warning sound. Refer to Parking Sensor System on page 4-355.
- > Do not turn the steering wheel any more until the vehicle has passed the obstruction, even if the obstruction is not visible on the side view image. If the steering wheel is turned even more, the vehicle may contact the obstruction if it is turned sharply.

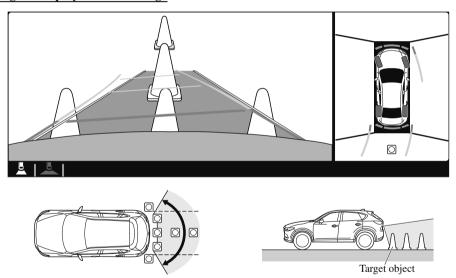
NOTE

- · Because there might be a difference between the image displayed on the screen and the actual conditions, always check the safety of the surrounding area using the mirrors and directly with your eyes when driving.
- Even though the object displayed on the screen, such as a road curb or a division line of a parking space, and the vehicle parallel guide lines appear parallel, they may not actually be parallel.

▼ Top View/Rear View

Use the top view/rear view to assist in checking the safety of the surrounding area when accelerating from a stop, parking, or stopping the vehicle.

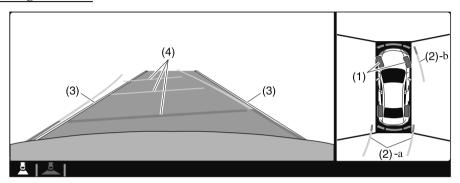
Range of displayed screen image



- · In the top view screen, the areas in black at the front and rear of the vehicle image and the seams where each of the camera images merge are blind spots.
- · Because images displayed in the top view screen are processed from each camera, the top view screen may display in the following ways.
 - · If an image containing an object with a conspicuous colour is picked up by any of the cameras, the screen area for each camera may be affected and it may display in that colour.
 - · Obstructions displayed in the rear view may not display on the top view screen.

- · If the position or angle of each camera changes due to tilting of the vehicle, the image may appear distorted.
- · Lines on the road may appear distorted at the seams where each of the camera images merge.
- The screen area for each camera may appear bright/dark depending on the illumination level around any of the cameras.

Viewing the screen



	Display/Icon	Content	
(1)	Tyre icon	Indicates the tyre direction. Moves in conjunction with the steering wheel operation.	
(2)	Projected vehicle path lines (yellow & red)	Indicates the approximate projected path of the vehicle. Moves in conjunction with the steering wheel operation. a) Indicates the path where the edge of the rear bumper is expected to travel. b) Indicates the path where the outer side of the vehicle is expected to travel.	
(3)	Extended vehicle width lines (blue)	These guide lines indicate the approximate width of the vehicle.	
(4)	Projected vehicle path distance guide lines (yellow & red)	These guide lines indicate the approximate distance to a point measured from the rear of the vehicle (from the end of the bumper). • The red line indicates the point about 0.5 m (20 in) from the rear end of the bumper.	
		The yellow lines indicate the points about 1.0 m (39 in) and 2.0 m (79 in) from the rear end of the bumper.	

NOTE

The setting can be changed so that the projected vehicle path lines are not displayed. Refer to the Settings section in the Mazda Connect Owner's Manual.

How to use the projected vehicle path line function

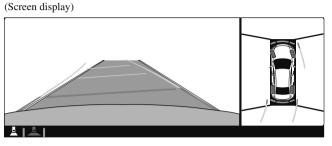
A CAUTION

- > The front of the vehicle swings out wide when turning the steering wheel while reversing.

 Maintain sufficient distance between the vehicle and an obstruction.
- ➤ The parking sensor detection range has limitations. For example, obstructions closing in from the side and objects short in height may not be detected. Always confirm the safety around the vehicle visually when driving.
 - For details, refer to the parking sensor obstruction detection indication and warning sound. Refer to Parking Sensor System on page 4-355.

- · Because there might be a difference between the image displayed on the screen, such as indicated in the following, and the actual conditions when parking, always check the safety at the rear of the vehicle and the surrounding area directly with your eyes.
 - Even though the back end of the parking space (or garage) displayed on the screen and distance guide lines appear parallel, they may not actually be parallel.
 - · When parking in a space with a division line on only one side of the parking space, even though the division line and the vehicle width guide line appear parallel, they may not actually be parallel.
- The following shows an example of vehicle parking with the steering wheel turned to the left while backing up the vehicle. When backing into a parking space from the opposite direction, the steering operation is reversed.

1. Back the vehicle into the parking space by turning the steering wheel so that the vehicle enters the centre of the parking space.

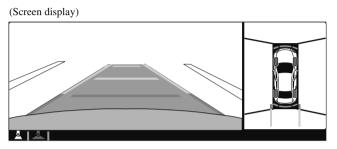


(Actual condition)

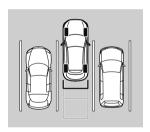


2. After the vehicle starts entering the parking space, stop and adjust the steering wheel so that the distance between the vehicle width lines and the sides of the parking space on the left and right are roughly equal, and then continue backing up slowly.

3. Once the vehicle width lines and the sides of the parking space on the left and right are parallel, straighten the wheels and back the vehicle slowly into the parking space. Continue checking the vehicle's surroundings and then stop the vehicle in the best possible position. (If the parking space has division lines, check whether the vehicle width guide lines are parallel to them.)



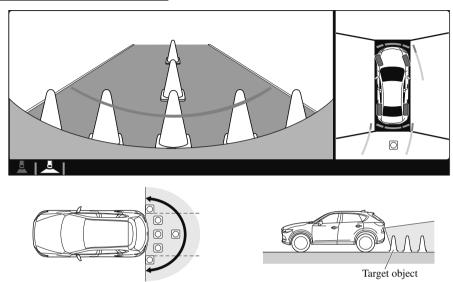
(Actual condition)



▼ Top View/Rear Wide View

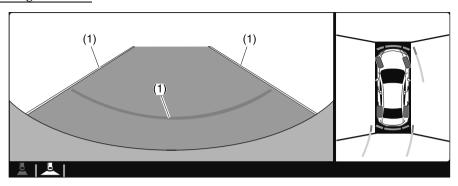
Use the top view/rear wide view to assist in checking the safety of the surrounding area when accelerating from a stop, parking, or stopping the vehicle.

Range of displayed screen image



- · In the top view screen, the areas in black at the front and rear of the vehicle image and the seams where each of the camera images merge are blind spots.
- · Because images displayed in the top view screen are processed from each camera, the top view screen may display in the following ways.
 - If an image containing an object with a conspicuous colour is picked up by any of the cameras, the screen area for each camera may be affected and it may display in that colour.
 - $\cdot \textit{Obstructions displayed in the front view may not display on the top view screen}.$
 - If the position or angle of each camera changes due to tilting of the vehicle, the image may appear distorted.
 - · Lines on the road may appear distorted at the seams where each of the camera images merge.
 - The screen area for each camera may appear bright/dark depending on the illumination level around any of the cameras.

Viewing the screen



	Display/Icon	Content
(1)	Extended vehicle width lines and distance guide lines (blue & red)	These guide lines indicate the approximate width of the vehi- cle and distance to a point measured from the rear of the vehi- cle (from the end of the bumper).
		• The red lines indicate the points up to about 0.5 m (20 in) from the rear end of the bumper.

NOTE

The top view/rear wide view screen displays the image at the rear of the vehicle at a wide angle and corrects the image to help detect approaching obstructions from the side. Therefore, it differs from the actual view.

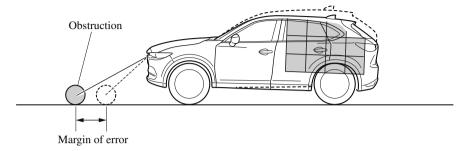
▼ Margin of Error Between Road Surface on Screen and Actual Road Surface

There might be some margin of error between the road surface appearing on the screen and the actual road surface. A margin of error in the perceived distance could lead to an accident, therefore be aware of the following conditions which can more easily produce errors in the perceived distance.

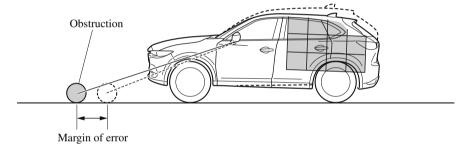
The vehicle tilts due to weight of passengers and cargo.

If the vehicle is tilted, obstructions picked up by a camera can appear farther or closer than the actual distance from the vehicle.

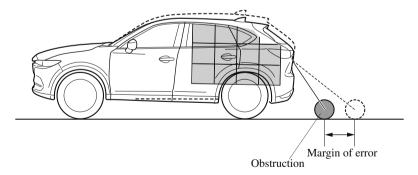
Front camera



Side camera



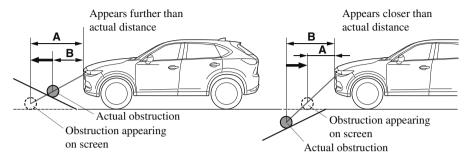
Rear camera



There is a steep up or down grade in the road at the front or rear of the vehicle

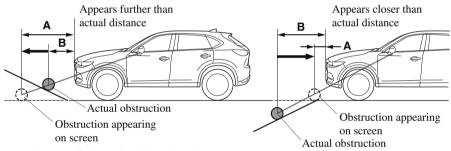
If there is a steep up or down grade in the road at the front or rear of the vehicle, obstructions picked up by the camera can appear farther or closer than the actual distance from the vehicle.

Front camera



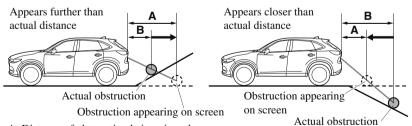
- A: Distance of obstruction being viewed on screen
- B: Actual distance of obstruction from vehicle

Side camera



- A: Distance of obstruction being viewed on screen
- B: Actual distance of obstruction from vehicle

Rear camera



- A: Distance of obstruction being viewed on screen
- B: Actual distance of obstruction from vehicle

NOTE

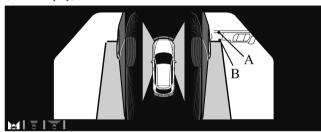
If the vehicle is on a slope, obstructions taken by the camera can appear farther or closer than the actual distance from the vehicle.

Three-dimensional object at vehicle front or rear

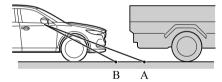
Because the vehicle front end guide lines (side camera) or the distance guide lines (rear camera) are displayed based on a flat surface, the distance to the three-dimensional object displayed on the screen is different from the actual distance.

Side camera

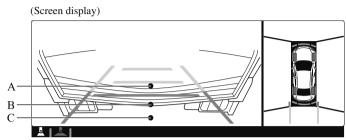
(Screen display)



(Actual condition)

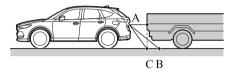


Rear camera



Sensed distance on screen A > B > C

(Actual condition)



Actual distance B > C = A

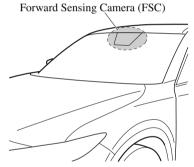
▼ System Problem Indication

Centre display indication	Cause	Action to be taken
"No camera signal." is displayed		Have your vehicle inspected
Screen is pitch-black and blank	The camera might be damaged.	by an expert repairer (we recommend an Authorised Mazda Repairer).

Forward Sensing Camera (FSC)*

Your vehicle is equipped with a Forward Sensing Camera (FSC). The Forward Sensing Camera (FSC) is positioned near the rearview mirror and used by the following systems.

- · High Beam Control System (HBC)
- · Adaptive LED Headlights (ALH)
- · Driver Attention Alert (DAA)
- · Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS)
- · Traffic Sign Recognition System (TSR)
- · Advanced Smart City Brake Support (Advanced SCBS)
- · Smart City Brake Support [Forward] (SCBS F)
- · Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function)
- · Cruising & Traffic Support (CTS)
- · Smart Brake Support (SBS)



The Forward Sensing Camera (FSC) determines the conditions ahead of the vehicle while travelling at night and detects traffic lanes. The distance in which the Forward Sensing Camera (FSC) can detect objects varies depending on the surrounding conditions.



Do not modify the suspension:

If the vehicle height or inclination is changed, the system will not be able to correctly detect vehicles ahead. This will result in the system not operating normally or mistakenly operating, which could cause a serious accident.

▲ CAUTION

- Do not apply accessories, stickers or film to the windscreen near the Forward Sensing Camera (FSC).
 - If the area in front of the Forward Sensing Camera (FSC) lens is obstructed, it will cause the system to not operate correctly. Consequently, each system may not operate normally which could lead to an unexpected accident.
- ➤ Do not disassemble or modify the Forward Sensing Camera (FSC).

 Disassembly or modification of the Forward Sensing Camera (FSC) will cause a malfunction or mistaken operation. Consequently, each system may not operate normally which could lead to an unexpected accident.
- ➤ Heed the following cautions to assure the correct operation of the Forward Sensing Camera (FSC).
 - ▶ Be careful not to scratch the Forward Sensing Camera (FSC) lens or allow it to get dirty.
 - > Do not remove the Forward Sensing Camera (FSC) cover.
 - Do not place objects on the instrument panel which reflect light.
 - Always keep the windscreen glass around the camera clean by removing dirt or fogging.

 Use the windscreen defroster to remove fogging on the windscreen.
 - Consult an expert repairer (we recommend an Authorised Mazda Repairer) regarding cleaning the interior side of the windscreen around the Forward Sensing Camera (FSC).
 - Consult an expert repairer (we recommend an Authorised Mazda Repairer) before performing repairs around the Forward Sensing Camera (FSC).
 - ➤ The Forward Sensing Camera (FSC) is installed to the windscreen. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for windscreen repair and replacement.
 - ➤ When cleaning the windscreen, do not allow glass cleaners or similar cleaning fluids to get on the Forward Sensing Camera (FSC) lens. In addition, do not touch the Forward Sensing Camera (FSC) lens.
 - ➤ When performing repairs around the rearview mirror, consult an expert repairer (we recommend an Authorised Mazda Repairer).
 - Consult an expert repairer (we recommend an Authorised Mazda Repairer) regarding cleaning of the camera lens.
 - ➤ Do not hit or apply strong force to the Forward Sensing Camera (FSC) or the area around it. If the Forward Sensing Camera (FSC) is severely hit or if there are cracks or damage caused by flying gravel or debris in the area around it, stop using the following systems and consult an expert repairer (we recommend an Authorised Mazda Repairer).
 - ➤ High Beam Control System (HBC)
 - ➤ Adaptive LED Headlights (ALH)
 - ➤ Driver Attention Alert (DAA)
 - Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS)

- ➤ Traffic Sign Recognition System (TSR)
- ➤ Advanced Smart City Brake Support (Advanced SCBS)
- ➤ Smart City Brake Support [Forward] (SCBS F)
- ➤ Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function)
- Cruising & Traffic Support (CTS)
- ➤ Smart Brake Support (SBS)
- ➤ The direction in which the Forward Sensing Camera (FSC) is pointed has been finely adjusted. Do not change the installation position of the Forward Sensing Camera (FSC) or remove it. Otherwise, it could result in damage or malfunction.
- Always use tyres for all wheels that are of the specified size, and the same manufacturer, brand, and tread pattern. In addition, do not use tyres with significantly different wear patterns on the same vehicle as the system may not operate normally.
- The Forward Sensing Camera (FSC) includes a function for detecting a soiled windscreen and informing the driver, however, depending on the conditions, it may not detect plastic shopping bags, ice or snow on the windscreen. In such cases, the system cannot accurately determine a vehicle ahead and may not be able to operate normally. Always drive carefully and pay attention to the road ahead.

- In the following cases, the Forward Sensing Camera (FSC) cannot detect target objects correctly, and each system may be unable to operate normally.
 - · The height of the vehicle ahead is low.
 - · You drive your vehicle at the same speed as the vehicle ahead.
 - $\cdot \textit{Headlights are not turned on during the night or when going through a tunnel.}$
- In the following cases, the Forward Sensing Camera (FSC) may not be able to detect target objects correctly.
 - · Under bad weather condition, such as rain, fog and snow.
 - The window washer is being used or the windscreen wipers are not used when it's raining.
 - · Ice, fog, snow, frost, rainfall, dirt, or foreign matter such as a plastic bag is stuck on the windscreen.
 - · Trucks with low loading platforms and vehicles with an extremely low or high profile.
 - · When driving next to walls with no patterning (including fences and longitudinally striped walls).
 - · The tail lights of the vehicle ahead are turned off.
 - · A vehicle is outside the illumination range of the headlights.
 - · The vehicle is making a sharp turn, or ascending or descending a steep slope.
 - · Entering or exiting a tunnel.
 - · Heavy luggage is loaded causing the vehicle to tilt.

- · Strong light is shone at the front of the vehicle (back light or high-beam light from on-coming vehicles).
- · There are many light emitters on the vehicle ahead.
- When the vehicle ahead is not equipped with tail lights or the tail lights are turned off at nighttime.
- · Elongated luggage or cargo is loaded onto installed roof rails and covers the Forward Sensing Camera (FSC).
- Exhaust gas from the vehicle in front, sand, snow, and water vapour rising from manholes and grating, and water splashed into the air.
- · When towing a malfunctioning vehicle.
- The vehicle is driven with tyres having significantly different wear.
- The vehicle is driven on down slopes or bumpy roads.
- There are water puddles on the road.
- The surroundings are dark such as during the night, early evening, or early morning, or in a tunnel or indoor parking lot.
- The illumination brightness of the headlights is reduced or the headlight illumination is weakened due to dirt or a deviated optical axis.
- The target object enters the blind spot of the Forward Sensing Camera (FSC).
- \cdot A person or object bursts onto the road from the shoulder or cuts right in front of you.
- · You change lanes and approach a vehicle ahead.
- · When driving extremely close to the target object.
- Tyre chains or a temporary spare tyre is installed.
- The vehicle ahead has a special shape. For example, a vehicle towing a trailer house or a boat, or a vehicle carrier carrying a vehicle with its front pointed rearward.
- · If the Forward Sensing Camera (FSC) cannot operate normally due to backlight or fog, the system functions related to the Forward Sensing Camera (FSC) are temporarily stopped and the following warning lights turn on. However, this does not indicate a malfunction.
 - · High Beam Control System (HBC) warning light (amber)
 - · Adaptive LED Headlights (ALH) warning light (amber)
 - · Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) warning indication
 - · Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) warning indication
 - · Cruising & Traffic Support (CTS) warning indication
 - · Smart Brake Support/Smart City Brake Support (SBS/SCBS) warning indication/ warning light (amber)

- · If the Forward Sensing Camera (FSC) cannot operate normally due to high temperatures, the system functions related to the Forward Sensing Camera (FSC) are temporarily stopped and the following warning lights turn on. However, this does not indicate a malfunction. Cool down the area around the Forward Sensing Camera (FSC) such as by turning on the air conditioner.
 - · High Beam Control System (HBC) warning light (amber)
 - · Adaptive LED Headlights (ALH) warning light (amber)
 - Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) warning indication
 - · Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) warning indication
 - · Cruising & Traffic Support (CTS) warning indication
 - · Smart Brake Support/Smart City Brake Support (SBS/SCBS) warning indication/ warning light (amber)
- · If the Forward Sensing Camera (FSC) detects that the windscreen is dirty or foggy, the system functions related to the Forward Sensing Camera (FSC) are temporarily stopped and the following warning lights turn on. However, this does not indicate a problem. Remove the dirt from the windscreen or press the defroster switch and defog the windscreen.
 - · High Beam Control System (HBC) warning light (amber)
 - · Adaptive LED Headlights (ALH) warning light (amber)
 - · Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) warning indication
 - · Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) warning indication
 - · Cruising & Traffic Support (CTS) warning indication
 - · Smart Brake Support/Smart City Brake Support (SBS/SCBS) warning indication/ warning light (amber)
- If there are recognizable cracks or damage caused by flying gravel or debris on the windscreen, always have the windscreen replaced. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for replacement.
- · (With Advanced Smart City Brake Support (Advanced SCBS))
 - The Forward Sensing Camera (FSC) recognises pedestrians when all of the following conditions are met:
 - The height of a pedestrian is about 1 to 2 meters.
 - \cdot An outline such as the head, both shoulders, or the legs can be determined.

- · In the following cases, the Forward Sensing Camera (FSC) may not be able to detect target objects correctly:
 - · Multiple pedestrians are walking, or there are groups of people.
 - · A pedestrian is close to a separate object.
 - · A pedestrian is crouching, lying, or slouching.
 - A pedestrian suddenly jumps into the road right in front of the vehicle.
 - \cdot A pedestrian opens an umbrella, or is carrying large baggage or articles.
 - · A pedestrian is in a dark location such as during the night, or blends into the background by wearing clothes matching the background colour.

Radar Sensor (Front)*

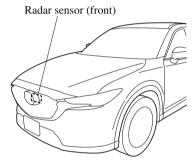
Your vehicle is equipped with a radar sensor (front).

The following systems also use the radar sensor (front).

- · Mazda Radar Cruise Control (MRCC)
- · Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function)
- · Distance Recognition Support System (DRSS)
- · Smart Brake Support (SBS)
- · Cruising & Traffic Support (CTS)

The radar sensor (front) functions by detecting the radio waves reflected off a vehicle ahead or an obstruction sent from the radar sensor.

The radar sensor (front) is mounted behind the front emblem.



If "Front radar blocked" is displayed in the multi-information display of the instrument cluster, clean the area around the radar sensor (front).



Heed the following precautions to assure correct operation of each system.

- ➤ Do not adhere stickers (including transparent stickers) to the surface of the radiator grille and front emblem in and around the radar sensor (front), and do not replace the radiator grille and front emblem with any product that is not a genuine product designed for use with the radar sensor (front).
- > The radar sensor (front) includes a function for detecting soiling of the radar sensor's front surface and informing the driver, however, depending on the conditions, it may require time to detect or it may not detect plastic shopping bags, ice or snow. If this occurs, the system may not operate correctly, therefore always keep the radar sensor (front) clean.
- > Do not install a grille guard.
- If the front part of the vehicle has been damaged in a vehicle accident, the position of the radar sensor (front) may have moved. Stop the system immediately and always have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

i-ACTIVSENSE

- Do not use the front bumper to push other vehicles or obstructions such as when pulling out of a parking space. Otherwise, the radar sensor (front) could be hit and its position deviated.
- Do not remove, disassemble, or modify the radar sensor (front).
- For repairs, replacement or paint work around the radar sensor (front), consult an expert repairer (we recommend an Authorised Mazda Repairer).
- ➤ Do not modify the suspension. If the suspension are modified, the vehicle's posture could change and the radar sensor (front) may not be able to correctly detect a vehicle ahead or an obstruction.

- · Under the following conditions, the radar sensor (front) may not be able to detect vehicles ahead or obstructions correctly and each system may not operate normally.
 - · The rear surface of a vehicle ahead does not reflect radio waves effectively, such as an unloaded trailer or an automobile with a loading platform covered by a soft top, vehicles with a hard plastic tailgate, and round-shaped vehicles.
 - Vehicles ahead with low vehicle height and thus less area for reflecting radio waves.
 - · Visibility is reduced due to a vehicle ahead casting off water, snow, or sand from its tyres and onto your windscreen.
 - The luggage compartment is loaded with heavy objects or the rear passenger seats are occupied.
 - · Ice, snow, or soiling is on the front surface of the front emblem.
 - · During inclement weather such as rain, snow, or sand storms.
 - When driving near facilities or objects emitting strong radio waves.

- · Under the following conditions, the radar sensor (front) may not be able to detect vehicles ahead or obstructions.
 - · The beginning and end of a curve.
 - · Roads with continuous curves.
 - · Narrow lane roads due to road construction or lane closures.
 - The vehicle ahead enters the radar sensor's blind spot.
 - The vehicle ahead is running abnormally due to accident or vehicle damage.
 - · Roads with repeated up and down slopes
 - · Driving on poor roads or unpaved roads.
 - The distance between your vehicle and the vehicle ahead is extremely short.
 - A vehicle suddenly comes close such as by cutting into the lane.
- To prevent incorrect operation of the system, use tyres of the same specified size, manufacturer, brand, and tread pattern on all 4 wheels. In addition, do not use tyres with significantly different wear patterns or tyre pressures on the same vehicle (Including the temporary spare tyre).
- · If the battery power is weak, the system may not operate correctly.

- · When driving on roads with little traffic and few vehicles ahead or obstructions for the radar sensor (front) to detect, "Front radar blocked" may be temporarily displayed, however, this does not indicate a problem.
- The radar sensors are regulated by the relevant radio wave laws of the country in which the vehicle is driven. If the vehicle is driven abroad, authorization from the country in which the vehicle is driven may be required.

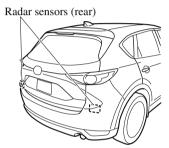
i-ACTIVSENSE

Radar Sensors (Rear)*

Your vehicle is equipped with radar sensors (rear). The following systems also use the radar sensors (rear).

- · Blind Spot Monitoring (BSM)
- · Rear Cross Traffic Alert (RCTA)

The radar sensors (rear) function by detecting the radio waves reflected off a vehicle approaching from the rear or an obstruction sent from the radar sensor.



The radar sensors (rear) are installed inside the rear bumper, one each on the left and right sides.

Always keep the surface of the rear bumper near the radar sensors (rear) clean so that the radar sensors (rear) operate normally. Also, do not apply items such as stickers. Refer to Exterior Care on page 6-56.

▲ CAUTION

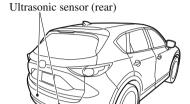
If the rear bumper receives a severe impact, the system may no longer operate normally. Stop the system immediately and have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

- The detection ability of the radar sensors (rear) has limitations. In the following cases, the detection ability may lower and the system may not operate normally.
 - The rear bumper near the radar sensors (rear) has become deformed.
 - · Snow, ice or mud adheres to the radar sensors (rear) on the rear bumper.
 - · Under bad weather conditions such as rain, snow and fog.
- · Under the following conditions, the radar sensors (rear) cannot detect target objects or it may be difficult to detect them.
 - · Stationary objects on a road or a road side such as small, two-wheeled vehicles, bicycles, pedestrians, animals, and shopping carts.

- · Vehicle shapes which do not reflect radar waves well such as empty trailers with a low vehicle height and sports cars.
- · Vehicles are shipped with the direction of the radar sensors (rear) adjusted for each vehicle to a loaded vehicle condition so that the radar sensors (rear) detect approaching vehicles correctly. If the direction of the radar sensors (rear) has deviated for some reason, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
- · For repairs or replacement of the radar sensors (rear), or bumper repairs, paintwork, and replacement near the radar sensors, consult an expert repairer (we recommend an Authorised Mazda Repairer).
- Turn off the system while pulling a trailer or while an accessory such as a bicycle carrier is installed to the rear of the vehicle. Otherwise, the radio waves emitted by the radar will be blocked causing the system to not operate normally.
- The radar sensors are regulated by the relevant radio wave laws of the country in which the vehicle is driven. If the vehicle is driven abroad, authorization from the country in which the vehicle is driven may be required.

Ultrasonic Sensor (Rear)*

The ultrasonic sensors (rear) function by emitting ultrasonic waves which are reflected off obstructions at the rear and the returning ultrasonic waves are picked up by the ultrasonic sensors (rear).



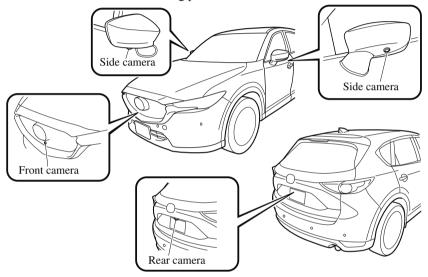
The ultrasonic sensors (rear) are mounted in the rear bumper.

Front Camera/Side Cameras/Rear Camera*

Your vehicle is equipped with a front camera, side cameras, and a rear camera. The 360° View Monitor uses each camera.

The front camera, side cameras, and rear camera shoot images of the area surrounding the vehicle.

Each camera is installed to the following positions.



Cruise Control

Cruise Control*

With cruise control, you can set and automatically maintain any speed of more than about 25 km/h (16 mph).

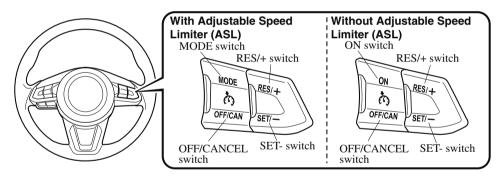


Do not use the cruise control under the following conditions:

Using the cruise control under the following conditions is dangerous and could result in loss of vehicle control.

- > Hilly terrain
- > Steep inclines
- > Heavy or unsteady traffic
- ➤ Slippery or winding roads
- > Similar restrictions that require inconsistent speed

▼ Cruise Control Switch

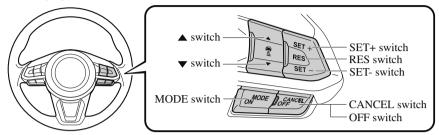


NOTE

If your Mazda has the following steering switch, your Mazda is equipped the Mazda Radar Cruise Control (MRCC) system or the Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) system.

Refer to Mazda Radar Cruise Control (MRCC) on page 4-163.

Refer to Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) on page 4-175.



▼ Cruise Main Indication (White)/ Cruise Set Indication (Green)



The indication has 2 colours.

Cruise Main Indication (White)

The indication turns on (white) when the cruise control system is activated.

Cruise Set Indication (Green)

The indication turns on (green) when a cruising speed has been set.

▼ Activation/Deactivation

With Adjustable Speed Limiter (ASL)

To activate the system, press the MODE switch. The cruise main indication (white) is displayed.

To deactivate the system, press the OFF/CANCEL switch.

The cruise main indication (white) turns off.

NOTE

When the MODE switch is pressed while the cruise control system is operating, the cruise control system switches to the Adjustable Speed Limiter (ASL).

Without Adjustable Speed Limiter (ASL)

To activate the system, press the ON switch. The cruise main indication (white) is displayed.

To deactivate the system, press the OFF/CANCEL switch.

The cruise main indication (white) turns off.

▲ WARNING

Always turn off the cruise control system when it is not in use:

Leaving the cruise control system in an activation-ready state while the cruise control is not in use is dangerous as the cruise control could unexpectedly activate if the activation button is accidentally pressed, and result in loss of vehicle control and an accident.

Cruise Control

NOTE

When the ignition is switched OFF, the system status before it was turned off is maintained. For example, if the ignition is switched OFF with the cruise control system operable, the system will be operable when the ignition is switched ON the next time.

▼ To Set Speed

1. (With Adjustable Speed Limiter (ASL))

Activate the cruise control system by pressing the MODE switch. The cruise main indication (white) is displayed. (Without Adjustable Speed Limiter (ASL))

Activate the cruise control system by pressing the ON switch. The cruise main indication (white) is displayed.

- 2. Accelerate to the desired speed, which must be more than 25 km/h (16 mph).
- Set the cruise control by pressing the SET/— switch at the desired speed. The cruise control is set at the moment the SET/— switch is pressed. Release the accelerator pedal simultaneously. The cruise set indication (green) is displayed.

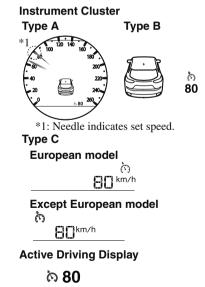
NOTE

- The cruise control speed setting cannot be performed under the following conditions:
 - The selector lever is in the P or N position.
 - The parking brake is applied.
 - · (Vehicles with Adjustable Speed Limiter (ASL))

The MODE switch for the Adjustable Speed Limiter (ASL) is pressed.

- Release the SET/— or RES/+ switch at the desired speed, otherwise the speed will continue increasing while the RES/+ switch is pressed and held, and continue decreasing while the SET/— switch is pressed and held (except when the accelerator pedal is depressed).
- On a steep grade, the vehicle may momentarily slow down while ascending, or speed up while descending.
- The cruise control will cancel if the vehicle speed decreases below 21 km/h (13 mph) when climbing a steep grade.
- The cruise control may cancel at about 15 km/h (9 mph) below the preset speed such as when climbing a long, steep grade.

The vehicle speed preset using the cruise control is displayed in the instrument cluster.



▼ To Increase Cruising Speed

Follow either of these procedures.

To increase speed using cruise control switch

Press the RES/+ switch and hold it. Your vehicle will accelerate. Release the switch at the desired speed.

Press the RES/+ switch and release it immediately to adjust the preset speed. Multiple operations will increase the preset speed according to the number of times it is operated.

Increasing speed with a single RES/+ switch operation

Instrument cluster display for vehicle speed indicated in km/h: 1 km/h (0.6 mph) Instrument cluster display for vehicle speed indicated in mph: 1 mph (1.6 km/h)

To increase speed using accelerator pedal

Depress the accelerator pedal to accelerate to the desired speed. Press the SET/—switch and release it immediately.

NOTE

Accelerate if you want to speed up temporarily when the cruise control is on. Greater speed will not interfere with or change the set speed. Take your foot off the accelerator to return to the set speed.

▼ To Decrease Cruising Speed

Press the SET/— switch and hold it. The vehicle will gradually slow. Release the switch at the desired speed.

Press the SET/— switch and release it immediately to adjust the preset speed. Multiple operations will decrease the preset speed according to the number of times it is operated.

Decreasing speed with a single SET/—switch operation

Instrument cluster display for vehicle speed indicated in km/h: 1 km/h (0.6 mph) Instrument cluster display for vehicle speed indicated in mph: 1 mph (1.6 km/h)

▼ To Resume Cruising Speed at More Than 25 km/h (16 mph)

If the cruise control system temporarily cancelled (such as applying the brake pedal) and the system is still activated, the most recent set speed will automatically resume when the RES/+ switch is pressed. If vehicle speed is below 25 km/h (16 mph), increase the vehicle speed up to 25 km/h (16 mph) or more and press the RES/+ switch.

Cruise Control

▼ To Temporarily Cancel

To temporarily cancel the system, use one of these methods:

- · Slightly depress the brake pedal.
- · Press the OFF/CANCEL switch.

If the RES/+ switch is pressed when the vehicle speed is 25 km/h (16 mph) or higher, the system reverts to the previously set speed.

NOTE

- · If any of the following conditions occur, the cruise control system is temporarily cancelled.
 - · The parking brake is applied.
 - · (Vehicles with Adjustable Speed Limiter (ASL))

The MODE switch for the Adjustable Speed Limiter (ASL) is pressed.

- The selector lever is in the P or N position.
- When the cruise control system is temporarily cancelled by even one of the applicable cancel conditions, the speed cannot be re-set.
- The cruise control cannot be cancelled while driving in manual mode (selector lever shifted from D to M position). Therefore, engine braking will not be applied even if the transaxle is shifted down to a lower gear. If deceleration is required, lower the set speed or depress the brake pedal.

▼ To Deactivate

When a cruising speed has been set (cruise set indication (green) turns on)

Long-press the OFF/CANCEL switch or press the OFF/CANCEL switch 2 times.

When a cruising speed has not been set (cruise main indication (white) turns on)

Press the OFF/CANCEL switch.

Tyre Pressure Monitoring System*

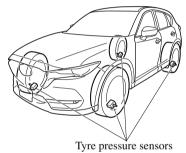
The Tyre Pressure Monitoring System (TPMS) monitors the pressure for each tyre. If tyre pressure is too low in one or more tyres, the system will inform the driver via the warning light in the instrument cluster and by the warning beep sound.

Refer to Contact expert repairer (we recommend an Authorised Mazda Repairer) and Have Vehicle Inspected on page 7-46.

Refer to Taking Action on page 7-54.

Refer to Tyre Inflation Pressure Warning Beep on page 7-68.

The tyre pressure sensors installed on each wheel send tyre pressure data by radio signal to the receiver unit in the vehicle.



NOTE

When the ambient temperature is low due to seasonal changes, tyre temperatures are also lower. When the tyre temperature decreases, the air pressure decreases as well. The TPMS warning light may illuminate more frequently. Visually inspect the tyres daily before driving, and check tyre pressures monthly with a tyre pressure gauge. When checking tyre pressures, use of a digital tyre pressure gauge is recommended.

TPMS does not alleviate your need to check the pressure and condition of all four tyres regularly.

Tyre Pressure Monitoring System



➤ Each tyre, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tyre inflation pressure label. (If your vehicle has tyres of a different size than the size indicated on the vehicle placard or tyre inflation pressure label, you should determine the proper tyre inflation pressure for those tyres.)

As an added safety feature, your vehicle has been equipped with a tyre pressure monitoring system (TPMS) that illuminates a low tyre pressure telltale when one or more of your tyres is significantly under-inflated. Accordingly, when the low tyre pressure telltale illuminates, you should stop and check your tyres as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tyre causes the tyre to overheat and can lead to tyre failure. Under-inflation also reduces fuel efficiency and tyre tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tyre maintenance, and it is the driver's responsibility to maintain correct tyre pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tyre pressure telltale. Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly.

The TPMS malfunction indicator is combined with the low tyre pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tyre pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tyres or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tyres or wheels on your vehicle to ensure that the replacement or alternate tyres and wheels allow the TPMS to continue to function properly.

➤ To avoid false readings, the system samples for a little while before indicating a problem. As a result it will not instantaneously register a rapid tyre deflation or blow out.

▼ System Error Activation

When the warning light flashes, there may be a system malfunction. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

A system error activation may occur in the following cases:

- When there is equipment or a device near the vehicle using the same radio frequency as that of the tyre pressure sensors
- When a metallic device such as a non-genuine navigation system is equipped near the centre of the instrument panel, which may block radio signals from the tyre pressure sensor to the receiver unit.
- When using the following devices in the vehicle that may cause radio interference with the receiver unit.
 - · A digital device such as a personal computer.
 - · A current converter device such as a DC-AC converter.
- · When excess snow or ice adheres to the vehicle, especially around the wheels.
- When the tyre pressure sensor batteries are exhausted.
- When using a wheel with no tyre pressure sensor installed.
- · When using tyres with steel wire reinforcement in the sidewalls.
- · When using tyre chains.

▼ Tyres and Wheels



When inspecting or adjusting the tyre air pressures, do not apply excessive force to the stem part of the wheel unit. The stem part could be damaged.

Changing tyres and wheels

The following procedure allows the TPMS to recognise a tyre pressure sensor's unique ID signal code whenever tyres or wheels are changed, such as changing to and from winter tyres.

NOTE

Each tyre pressure sensor has a unique ID signal code. The signal code must be registered with the TPMS before it can work. The easiest way to do it is to have an expert repairer (we recommend an Authorised Mazda Repairer), change your tyre and complete ID signal code registration.

When having tyres changed at an expert repairer (we recommend an Authorised Mazda Repairer)

When an expert repairer (we recommend an Authorised Mazda Repairer), changes your vehicle's tyres, they will complete the tyre pressure sensor ID signal code registration.

When changing tyres yourself

If you or someone else changes tyres, you or someone else can also undertake the steps for the TPMS to complete the ID signal code registration.

Tyre Pressure Monitoring System

- After tyres have been changed, switch the ignition ON, then back to ACC or OFF
- 2. Wait for about 15 minutes.
- 3. After about 15 minutes, drive the vehicle at a speed of at least 25 km/h (16 mph) for 10 minutes and the tyre pressure sensor ID signal code will be registered automatically.

NOTE

If the vehicle is driven within about 15 minutes of changing tyres, the tyre pressure monitoring system warning light will flash because the sensor ID signal code would not have been registered. If this happens, park the vehicle for about 15 minutes, after which the sensor ID signal code will register upon driving the vehicle for 10 minutes.

Replacing tyres and wheels

A CAUTION

- ➤ When replacing/repairing the tyres or wheels or both, have the work done by an expert repairer (we recommend an Authorised Mazda Repairer), or the tyre pressure sensors may be damaged.
- ➤ The wheels equipped on your Mazda are specially designed for installation of the tyre pressure sensors. Do not use non-genuine wheels, otherwise it may not be possible to install the tyre pressure sensors.

Be sure to have the tyre pressure sensors installed whenever tyres or wheels are replaced.

When having a tyre or wheel or both replaced, the following types of tyre pressure sensor installations are possible.

- The tyre pressure sensor is removed from the old wheel and installed to the new one.
- The same tyre pressure sensor is used with the same wheel. Only the tyre is replaced.
- · A new tyre pressure sensor is installed to a new wheel.

- The tyre pressure sensor ID signal code must be registered when a new tyre pressure sensor is purchased. For purchase of a tyre pressure sensor and registration of the tyre pressure sensor ID signal code, consult an expert repairer (we recommend an Authorised Mazda Repairer).
- When reinstalling a previously removed tyre pressure sensor to a wheel, replace the grommet (seal between valve body/ sensor and wheel) for the tyre pressure sensor.

Diesel Particulate Filter (SKYACTIV-D 2.2)

The diesel particulate filter collects and removes most of the particulate matter (PM) in the exhaust gas of a diesel engine. PM collected by the diesel particulate filter is cleared during normal driving, however, PM may not be removed and the diesel particulate filter indicator light may illuminate under the following conditions:

- If the vehicle is driven at 15 km/h (9 mph) or less continuously.
- If the vehicle is repeatedly driven for a short period of time (10 minute or less) or driven while the engine is cold.
- · If the vehicle is idled for a long time.

With Instrument cluster (Type A/B)

When "Soot Accumulation in DPF too high" is indicated

The particulate matter (PM) cannot be removed automatically and the amount of collected PM reaches a specified amount. After the engine has sufficiently warmed up (engine coolant temperature of 80 °C (176 °F) or more), depress the accelerator pedal and drive the vehicle at a speed of 20 km/h (12 mph) or more for about 15 to 20 minutes to eliminate the PM.

When "DPF malfunction" is indicated

Contact an expert repairer (we recommend an Authorised Mazda Repairer).

▲ CAUTION

If the vehicle continues to be driven with "Soot Accumulation in DPF too high" indicated in the display, the particulate matter (PM) increases and the indication may change to "DPF malfunction". If the indication changes to "DPF malfunction", have the vehicle inspected immediately at an expert repairer (we recommend an Authorised Mazda Repairer). If the vehicle is not inspected and continues to be driven, the engine may malfunction.

NOTE

- · When "DPF malfunction" is indicated in the display, the engine output is restricted to protect the diesel particulate filter.
- The engine sound and exhaust gas smell may change when PM is being removed while driving.

With Instrument cluster (Type C)

DPF

When illuminated

The particulate matter (PM) cannot be removed automatically and the amount of collected PM reaches a specified amount. After the engine has sufficiently warmed up (engine coolant temperature of 80 °C (176 °F) or more), depress the accelerator pedal and drive the vehicle at a speed of 20 km/h (12 mph) or more for about 15 to 20 minutes to eliminate the PM.

Diesel Particulate Filter

When flashing

Contact an expert repairer (we recommend an Authorised Mazda Repairer). Refer to Indication/Indicator Lights on page 4-70.



If the vehicle is continually driven as usual with the diesel particulate filter indicator light illuminated, PM increases and the indicator light may start flashing. If the diesel particulate filter indicator light starts flashing, have the vehicle inspected immediately at an expert repairer (we recommend an Authorised Mazda Repairer). If the vehicle is not inspected and continues to be driven, the engine may malfunction.

- When the diesel particulate filter indicator light flashes, the engine output is restricted to protect the diesel particulate filter.
- The engine sound and exhaust gas smell may change when PM is being removed while driving.

The rear view monitor provides visual images of the rear of the vehicle when reversing.



Always drive carefully confirming the safety of the rear and the surrounding conditions by looking directly with your eyes:

Reversing the vehicle by only looking at the screen is dangerous as it may cause an accident or a collision with an object. The rear view monitor is only a visual assist device when reversing the vehicle. The images on the screen may be different from the actual conditions.

▲ CAUTION

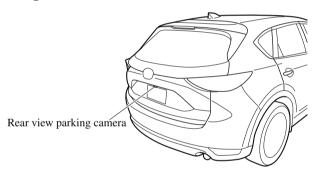
- Do not use the rear view monitor under the following conditions: Using the rear view monitor under the following conditions is dangerous and could result in injury or vehicle damage or both.
 - > Icy or snow-covered roads.
 - Tyre chains or a temporary spare tyre is installed.
 - > The liftgate is not fully closed.
 - > The vehicle is on a road incline.
- ➤ When the display is cold, images may course across the monitor or the screen and may be dimmer than usual, which could cause difficulty in confirming the surrounding conditions of the vehicle. Always drive carefully confirming the safety of the rear and the surrounding conditions by looking directly with your eyes.
- ➤ Do not apply excessive force to the camera. The camera position and angle may deviate.
- Do not disassemble, modify, or remove it as it may no longer be waterproof.
- ➤ The camera cover is made of plastic. Do not apply degreasing agents, organic solvents, wax, or glass coating agents to the camera cover. If any are spilled on the cover, wipe off with a soft cloth immediately.
- ➤ Do not rub the camera cover forcefully with an abrasive or hard brush. The camera cover or lens may be scratched which might affect the images.

- · If water, snow, or mud is stuck on the camera lens, wipe it off using a soft cloth. If it cannot be wiped off, use a mild detergent.
- · If the camera temperature changes rapidly (Hot to cold, cold to hot), the rear view monitor may not operate correctly.

- · When replacing the tyres, consult an expert repairer (we recommend an Authorised Mazda Repairer). Replacing the tyres could result in deviation of the guide lines which appear on the display.
- · If the vehicle's front, side, or rear has been involved in a collision, the alignment of the rear view parking camera (location, installation angle) may have deviated. Always consult an expert repairer (we recommend an Authorised Mazda Repairer) to have the vehicle inspected.
- If "No Video Signal Available" is indicated in the display, there could be a problem with the camera. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
- · (Predicted vehicle path assist lines display type)

 If force is applied to the steering wheel, the guide lines may not display. Loosen your grip on the steering wheel to allow the guide lines to display.

▼ Rear View Parking Camera Location



▼ Switching to the Rear View Monitor Display

Shift the selector lever to reverse (R) position with the ignition switched ON to switch the display to the rear view monitor display.

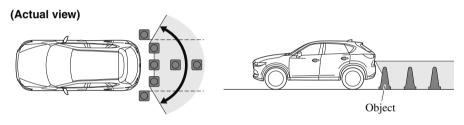
NOTE

When the selector lever is shifted from reverse (R) position to another selector lever position, the screen returns to the previous display.

▼ Displayable Range on the Screen

The images on the screen may be different from the actual conditions.





- The displayable range varies depending on the vehicle and road conditions.
- The displayable range is limited. Objects under the bumper or around the bumper ends cannot be displayed.
- The distance appearing in the displayed image is different from the actual distance because the rear view parking camera is equipped with a specific lens.
- · Images displayed on the monitor from the rear view parking camera are reversed images (mirror images).
- · Some optionally installed vehicle accessories may be picked up by the camera. Do not install any optional parts that can interfere with the camera view, such as illuminating parts or parts made of reflective material.
- · It may be difficult to see the display under the following conditions, however, it does not indicate a malfunction.
 - · In darkened areas.
 - · When the temperature around the lens is high/low.
 - · When the camera is wet such as on a rainy day or during periods of high humidity.
 - · When foreign material such as mud is stuck around the camera.
 - · When the camera lens reflects sunlight or headlight beams.
- · Image display may be delayed if the temperature around the camera is low.

▼ Viewing the Display

Predicted vehicle path assist lines display type

The projected path guidance mode displays the predicted path of the vehicle after you turn the steering wheel.

Use this mode for parking your vehicle in a parking space or garage.



a) Projected vehicle path (yellow)

These lines are displayed as a reference for the projected path of the vehicle.

The lines displaying the projected vehicle path change after you turn the steering wheel.

b) Extended vehicle width lines (blue)

These lines indicate the vehicle's extended width.

These lines are not displayed when the vehicle's wheels are in the straight-ahead position.

c) Distance guide lines

These lines indicate the approximate distance to a point measured from the vehicle's rear (from the end of the bumper).

The blue line indicates the point about 0.5 m (19 in) from the rear bumper.

The red and yellow lines, which change position after you turn the steering wheel, indicate the points about 0.5 m (19 in) for the red line and 1.0 m (39 in) for the yellow lines from the rear bumper (at the centre point of each of the lines).

A degree of error occurs when the wheels are not in the straight-ahead position. In the above illustration, the right side of the vehicle is in a position closer to the actual distance displayed by the distance guide lines (red: about 0.5 m (19 in) point, yellow: about 1.0 m (39 in) point behind the rear bumper), whereas the left side is in a position farther away.



The indicated position of the guide lines on the display changes depending on the vehicle conditions (such as the number of occupants/cargo load) and the road conditions (such as a steep gradient to the rear of the vehicle).

Always check the area to the vehicle's rear and the surrounding area directly with your eyes while backing up.

Fixed assist lines display type

Guide lines which indicate the width of the vehicle (yellow) are displayed on the screen as a reference to the approximate width of the vehicle in comparison to the width of the parking space you are about to back into.

Use this display view for parking your vehicle in a parking space or garage.



- a) Vehicle width guide lines (yellow)
 Guide lines serve as a reference to the approximate width of the vehicle.
- b) Distance guide lines

These guide lines indicate the approximate distance to a point measured from the vehicle's rear (from the end of the bumper).

The red and yellow lines indicate the points about 0.5 m (19 in) for the red line and 1.0 m (39 in) for the yellow lines from the rear bumper (at the centre point of each of the lines).



The guide lines on the screen are fixed lines. They are not synced to the driver's turning of the steering wheel. Always be careful and check the area to the vehicle's rear and the surrounding area directly with your eyes while backing up.

▼ Rear View Monitor Operation

The operation of the rear view monitor when reversing the vehicle varies depending on the traffic, road, and vehicle conditions. The amount of steering and the timing also varies depending on conditions, so confirm the surrounding conditions directly with your eyes and steer the vehicle in accordance with the conditions.

Be well aware of the above cautions prior to using the rear view monitor.

Predicted vehicle path assist lines display type

NOTE

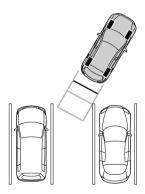
The following shows an example of vehicle parking in which the steering wheel is turned to the right when backing up the vehicle. The operation is reversed when backing up the vehicle from the opposite direction.

- 1. Shift the selector lever to reverse (R) position to switch the display to the rear view monitor display.
- Before backing the vehicle into the parking space, turn the steering wheel while referring to the projected vehicle path display so that the vehicle enters the centre of the parking space.

(Display condition)



(Vehicle condition)



3. After your vehicle begins entering the parking space, continue backing up slowly so that the distance between the vehicle width lines and the sides of the parking space on the left and right are roughly equal.

(Display condition)



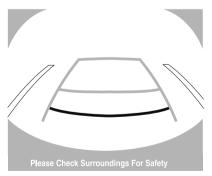


(Vehicle condition)



- 4. Continue to adjust the steering wheel until the vehicle width guide lines are parallel to the left and right sides of the parking space.
- 5. Once they are parallel, straighten the wheels and back your vehicle slowly into the parking space. Continue checking the vehicle's surroundings and then stop the vehicle in the best possible position. (If the parking space has division lines, check whether the vehicle width guide lines are parallel to them.)

(Display condition)



(Vehicle condition)



6. When the selector lever is shifted from reverse (R) position to another selector lever position, the screen returns to the previous display.

NOTE

Because there may be a difference between the displayed image, such as indicated below, and the actual conditions when parking, always verify the safety at the rear of the vehicle and the surrounding area directly with your eyes.

- In the image of the parking space (or garage) displayed on the screen, the back end and distance guide lines may appear aligned in the monitor, but they may not actually be aligned on the ground.
- · When parking in a space with a division line on only one side of the parking space, the division line and the vehicle width guide line appear aligned in the monitor, but they may not actually be aligned on the ground.



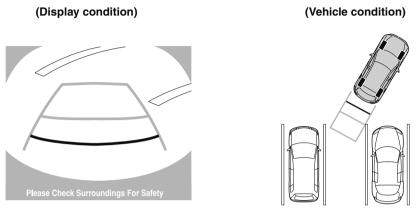
Fixed assist lines display type

NOTE

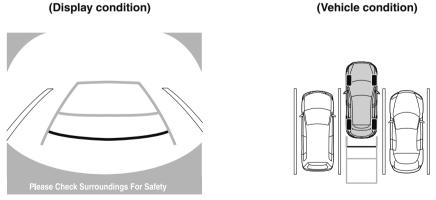
Images displayed on the monitor from the rear view parking camera are reversed images (mirror images).

- 1. Shift the selector lever to reverse (R) position to switch the display to the rear view monitor display.
- 2. Confirming the surrounding conditions, reverse the vehicle.

3. After your vehicle begins entering the parking space, continue backing up slowly so that the distance between the vehicle width lines and the sides of the parking space on the left and right are roughly equal.



- 4. Continue to adjust the steering wheel until the vehicle width guide lines are parallel to the left and right sides of the parking space.
- 5. Once they are parallel, straighten the wheels and back your vehicle slowly into the parking space. Continue checking the vehicle's surroundings and then stop the vehicle in the best possible position. (If the parking space has division lines, check whether the vehicle width guide lines are parallel to them.)



6. When the selector lever is shifted from reverse (R) position to another selector lever position, the screen returns to the previous display.

NOTE

Because there may be a difference between the displayed image, such as indicated below, and the actual conditions when parking, always verify the safety at the rear of the vehicle and the surrounding area directly with your eyes.

- In the image of the parking space (or garage) displayed on the screen, the back end and distance guide lines may appear aligned in the monitor, but they may not actually be aligned on the ground.
- · When parking in a space with a division line on only one side of the parking space, the division line and the vehicle width guide line appear aligned in the monitor, but they may not actually be aligned on the ground.

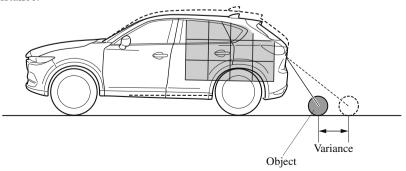


▼ Variance Between Actual Road Conditions and Displayed Image

Some variance occurs between the actual road and the displayed road. Such variance in distance perspective could lead to an accident. Note the following conditions that may cause a variance in distance perspective.

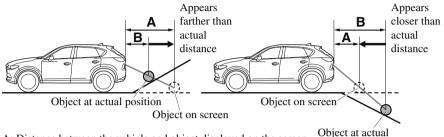
When the vehicle is tilted due to the weight of passengers and load

When the vehicle rear is lowered, the object displayed on the screen appears farther than the actual distance.



When there is a steep grade behind the vehicle

When there is a steep upgrade (downgrade) behind the vehicle, the object displayed on the screen appears farther (downgrade: closer) than the actual distance.

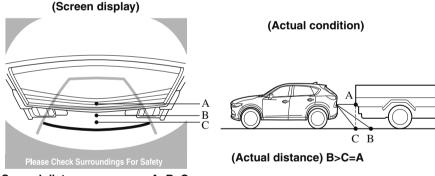


- A: Distance between the vehicle and object displayed on the screen.
- position

B: Actual distance between the vehicle and object.

Three-dimensional object on vehicle rear

Because the distance guide lines are displayed based on a flat surface, the distance to the three-dimensional object displayed on the screen is different from the actual distance.



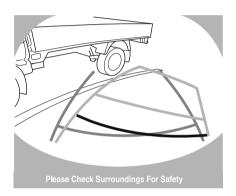
Sensed distance on screen A>B>C

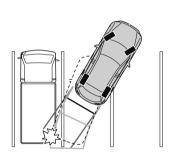
(Predicted vehicle path assist lines display type)

When reversing near a three-dimensional object

When reversing near an overhanging object, the vehicle may hit the object even if the anticipated course line does not contact the object on the screen. The position of the object displayed on the screen is different from the actual position because the anticipated course lines on the screen are displayed based on a horizontal road surface. When backing up near an overhanging object, confirm the rear and surrounding conditions directly with your eyes.

(Screen display) (Actual view)





▼ Picture Quality Adjustment



Always adjust the picture quality of the rear view monitor while the vehicle is stopped:

Do not adjust the picture quality of the rear view monitor while driving the vehicle. Adjusting the picture quality of the rear view monitor such as brightness, contrast, colour, and tint while driving the vehicle is dangerous as it could distract your attention from the vehicle operation which could lead to an accident.

Picture quality adjustment must be done while the selector lever is in reverse (R) position. There are 4 settings which can be adjusted including, brightness, contrast, tint, and colour. When adjusting, pay sufficient attention to the vehicle surroundings.

- 1. Select the oicon on the screen to display the tabs.
- 2. Select the desired tab item.
- 3. Adjust the brightness, contrast, tint, and colour using the slider. If you need to reset, press the reset button.
- 4. Select the icon on the screen to close the tab.

The rear view monitor provides visual images of the rear of the vehicle when reversing.



Always drive carefully confirming the safety of the rear and the surrounding conditions by looking directly with your eyes:

Reversing the vehicle by only looking at the screen is dangerous as it may cause an accident or a collision with an object. The rear view monitor is only a visual assist device when reversing the vehicle. The images on the screen may be different from the actual conditions.

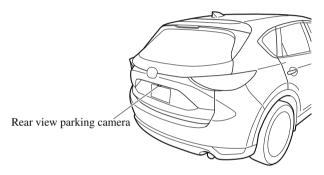
A CAUTION

- Do not use the rear view monitor under the following conditions: Using the rear view monitor under the following conditions is dangerous and could result in injury or vehicle damage or both.
 - > Icy or snow-covered roads.
 - Tyre chains or a temporary spare tyre is installed.
 - > The liftgate is not fully closed.
 - > The vehicle is on a road incline.
- ➤ When the display is cold, images may course across the monitor or the screen and may be dimmer than usual, which could cause difficulty in confirming the surrounding conditions of the vehicle. Always drive carefully confirming the safety of the rear and the surrounding conditions by looking directly with your eyes.
- ➤ Do not apply excessive force to the camera. The camera position and angle may deviate.
- Do not disassemble, modify, or remove it as it may no longer be waterproof.
- ➤ The camera cover is made of plastic. Do not apply degreasing agents, organic solvents, wax, or glass coating agents to the camera cover. If any are spilled on the cover, wipe off with a soft cloth immediately.
- ➤ Do not rub the camera cover forcefully with an abrasive or hard brush. The camera cover or lens may be scratched which might affect the images.

- · If water, snow, or mud is stuck on the camera lens, wipe it off using a soft cloth. If it cannot be wiped off, use a mild detergent.
- · If the camera temperature changes rapidly (Hot to cold, cold to hot), the rear view monitor may not operate correctly.

- · When replacing the tyres, consult an expert repairer (we recommend an Authorised Mazda Repairer). Replacing the tyres could result in deviation of the guide lines which appear on the display.
- · If the vehicle's front, side, or rear has been involved in a collision, the alignment of the rear view parking camera (location, installation angle) may have deviated. Always consult an expert repairer (we recommend an Authorised Mazda Repairer) to have the vehicle inspected.
- · If "No camera signal." is indicated in the display, there could be a problem with the camera. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Rear View Parking Camera Location



▼ Switching to the Rear View Monitor Display

Shift the selector lever to R with the ignition switched ON to switch the display to the rear view monitor display.

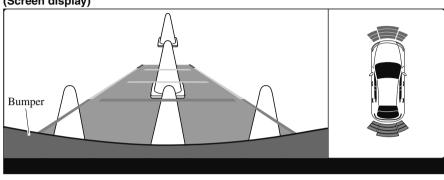
NOTE

When the selector lever is shifted from R to another selector lever position, the screen returns to the previous display.

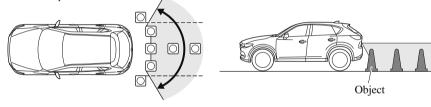
▼ Displayable Range on the Screen

The images on the screen may be different from the actual conditions.









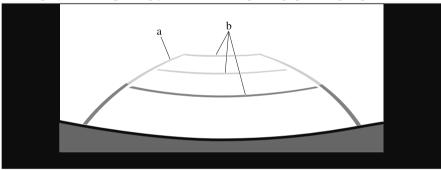
- The displayable range varies depending on the vehicle and road conditions.
- · If the camera lens is touched or there is any dirt on it, it could affect the screen image. Wipe the lens using a soft cloth.
- The displayable range is limited. Objects under the bumper or around the bumper ends cannot be displayed.
- The distance appearing in the displayed image is different from the actual distance because the rear view parking camera is equipped with a specific lens.
- · Images displayed on the monitor from the rear view parking camera are reversed images (mirror images).
- · Some optionally installed vehicle accessories may be picked up by the camera. Do not install any optional parts that can interfere with the camera view, such as illuminating parts or parts made of reflective material.
- · It may be difficult to see the display under the following conditions, however, it does not indicate a malfunction.
 - · In darkened areas.
 - · When the temperature around the lens is high/low.

- · When the camera is wet such as on a rainy day or during periods of high humidity.
- · When foreign material such as mud is stuck around the camera.
- · When the camera lens reflects sunlight or headlight beams.
- The surroundings are illuminated by vehicle lights, fluorescent lights, or LED lights (display may flicker).
- Extremely small dark or white dots appear on the screen (dots may flicker).
- · Image display may be delayed if the temperature around the camera is low.

▼ Viewing the Display

Guide lines which indicate the width of the vehicle are displayed on the screen as a reference to the approximate width of the vehicle in comparison to the width of the parking space you are about to back into.

Use this display view for parking your vehicle in a parking space or garage.



- a) Vehicle width guide lines
 - Guide lines serve as a reference to the approximate width of the vehicle.
- b) Distance guide lines
 - These guide lines indicate the approximate distance to a point measured from the vehicle's rear (from the end of the bumper).
 - The red line indicates the point about 0.5 m (19 in) from the rear bumper.
 - The yellow lines indicate the points about 1.0 m (39 in) and 2.0 m (78 in) from the rear bumper.

▼ Rear View Monitor Operation

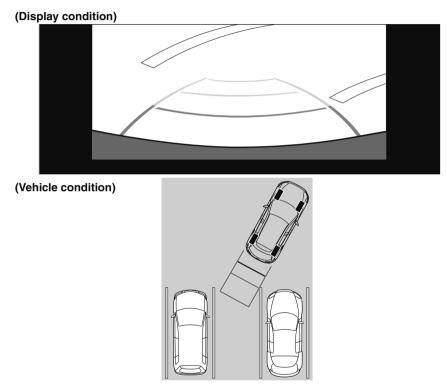
The operation of the rear view monitor when reversing the vehicle varies depending on the traffic, road, and vehicle conditions. The amount of steering and the timing also varies depending on conditions, so confirm the surrounding conditions directly with your eyes and steer the vehicle in accordance with the conditions.

Be well aware of the above cautions prior to using the rear view monitor.

NOTE

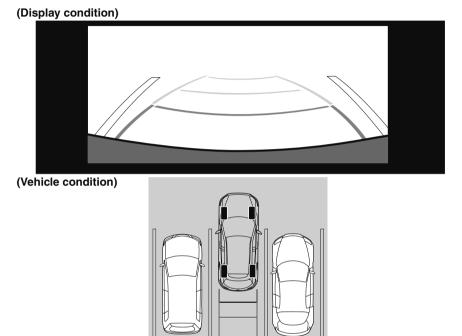
Images displayed on the monitor from the rear view parking camera are reversed images (mirror images).

- 1. Shift the selector lever to R to switch the display to the rear view monitor display.
- 2. Confirming the surrounding conditions, reverse the vehicle.



- 3. After your vehicle begins entering the parking space, continue backing up slowly so that the distance between the vehicle width lines and the sides of the parking space on the left and right are roughly equal.
- 4. Continue to adjust the steering wheel until the vehicle width guide lines are parallel to the left and right sides of the parking space.

5. Once they are parallel, straighten the wheels and back your vehicle slowly into the parking space. Continue checking the vehicle's surroundings and then stop the vehicle in the best possible position.

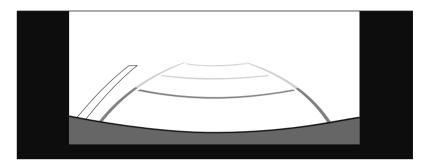


6. When the selector lever is shifted from R to another selector lever position, the screen returns to the previous display.

- · If the parking space has division lines, straighten the wheels when the vehicle width guide lines are parallel to them.
- · Because there may be a difference between the displayed image, such as indicated below, and the actual conditions when parking, always verify the safety at the rear of the vehicle and the surrounding area directly with your eyes.
 - In the image of the parking space (or garage) displayed on the screen, the back end and distance guide lines may appear aligned in the monitor, but they may not actually be aligned on the ground.

Rear View Monitor (Mazda Connect (Type B))

• When parking in a space with a division line on only one side of the parking space, the division line and the vehicle width guide line appear aligned in the monitor, but they may not actually be aligned on the ground.

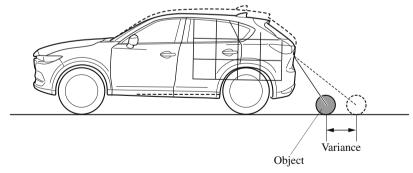


▼ Variance Between Actual Road Conditions and Displayed Image

Some variance occurs between the actual road and the displayed road. Such variance in distance perspective could lead to an accident. Note the following conditions that may cause a variance in distance perspective.

When the vehicle is tilted due to the weight of passengers and load

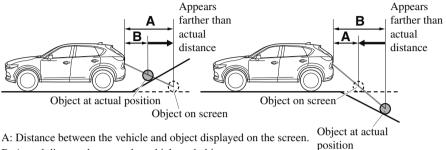
When the vehicle rear is lowered, the object displayed on the screen appears farther than the actual distance.



Rear View Monitor (Mazda Connect (Type B))

When there is a steep grade behind the vehicle

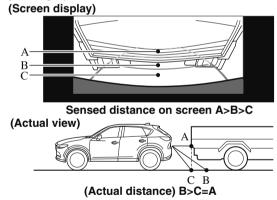
When there is a steep upgrade (downgrade) behind the vehicle, the object displayed on the screen appears farther (downgrade: closer) than the actual distance.



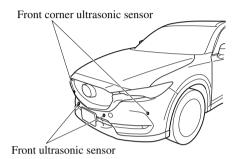
B: Actual distance between the vehicle and object.

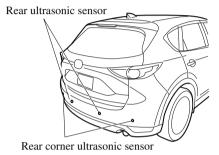
Three-dimensional object on vehicle rear

Because the distance guide lines are displayed based on a flat surface, the distance to the three-dimensional object displayed on the screen is different from the actual distance.



The parking sensors use ultrasonic sensors which detect obstructions around the vehicle when the vehicle is driven at low speeds, such as during garage or parallel parking, and a buzzer sound and detection indicator notify the driver of the approximate distance from the vehicle to the surrounding obstruction.







Do not rely completely on the parking sensor system and be sure to confirm the safety around your vehicle visually when driving:

This system can assist the driver in operating the vehicle in the forward and backward directions while parking. The detection ranges of the sensors are limited, therefore, driving the vehicle while relying only on the system may cause an accident. Always confirm the safety around your vehicle visually when driving.

NOTE

- · Do not install any accessories within the detection ranges of the sensors. It may affect the system operation.
- Depending on the type of obstruction and the surrounding conditions, the detection range of a sensor may narrow, or the sensors may not be able to detect obstructions.
- \cdot The system may not operate normally under the following conditions:
 - · Mud, ice, or snow is adhering to the sensor area (Returns to normal operation when removed).
 - $\cdot \textit{ The sensor area is frozen (Returns to normal operation when the ice is thawed)}.$
 - · The sensor is covered by a hand.
 - The sensor is excessively shocked.
 - \cdot The vehicle is excessively tilted.
 - · Under extremely hot or cold weather conditions.

- The vehicle is driven on bumps, inclines, gravel, or grass covered roads.
- · Anything which generates ultrasound is near the vehicle, such as another vehicle's horn, the engine sound of a motorcycle, the air brake sound of a large-sized vehicle, or another vehicle's sensors
- The vehicle is driven in heavy rain or in road conditions causing water-splash.
- · A commercially-available wing pole or an aerial for a radio transmitter is installed to the vehicle.
- The vehicle is moving towards a tall or square curbstone.
- · An obstruction is too close to the sensor.
- Obstructions under the bumper may not be detected. Obstructions that are lower than the bumper or thin which may have been initially detected may no longer be detected as the vehicle approaches more closely to the obstruction.
- The following types of obstructions may not be detected:
 - · Thin objects such as wire or rope
 - · Things which absorb sonic waves easily such as cotton or snow
 - · Angular shaped objects
 - · Very tall objects, and those which are wide at the top
 - · Small, short objects
- · Always have the system inspected at an expert repairer (we recommend an Authorised Mazda Repairer) if any shock is applied to the bumpers, even in a minor accident. If the sensors are deviated, they cannot detect obstructions.
- \cdot (With front ultrasonic sensor and front ultrasonic corner sensor)

The system may have a malfunction if the beep does not operate or the indicator light does not illuminate when the parking sensor switch is turned on. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

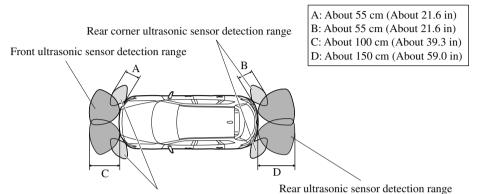
· (Without front ultrasonic sensor and front ultrasonic corner sensor)

The system may have a malfunction if the beep does not operate. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

- · (With front ultrasonic sensor and front ultrasonic corner sensor)
 - The system may have a malfunction if the beep sound which indicates a system malfunction is heard and the indicator light flashes. Consult an expert repairer (we recommend an Authorised Mazda Repairer).
- The beeper which indicates a system malfunction may not be heard if the ambient temperature is extremely cold, or mud, ice, or snow adheres to the sensor area. Remove any foreign material from the sensor area.
- · When installing a trailer hitch, consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Sensor Detection Range

The sensors detect obstructions within the following range.



Front corner ultrasonic sensor detection range

Viewing distance display

Display		Distance between vehicle and obstruction		
Without 360° Without front ultrasonic sensor and front corner ultrasonic sensor	view monitor With front ultrasonic sensor and front corner ultrasonic sensor	With 360° view monitor	Front ultrasonic sen- sor*/Front corner ultrasonic sensor*	Rear ultrasonic sen- sor/Rear Corner ul- trasonic sensor
		Green	Front ultrasonic sensor: Approx. 100—60 cm (39.4—23.6 in)	Rear ultrasonic sensor: Approx. 150—60 cm (59.1—23.6 in)

	Display		Distance between ve	hicle and obstruction
Without 360° Without front ul- trasonic sensor and front corner ultra- sonic sensor	view monitor With front ultrasonic sensor and front corner ultrasonic sensor	With 360° view monitor	Front ultrasonic sen- sor*/Front corner ultrasonic sensor*	Rear ultrasonic sen- sor/Rear Corner ul- trasonic sensor
		Yellow	Front ultrasonic sensor: Approx. 60—45 cm (23.6—17.7 in) Front corner ultrasonic sensor: Approx. 55—38 cm (21.7—14.9 in)	Rear ultrasonic sensor: Approx. 60—45 cm (23.6—17.7 in) Rear corner ultrasonic sensor: Approx. 55—38 cm (21.7—14.9 in)
		Amber	Front ultrasonic sensor: Approx. 45—35 cm (17.7—13.8 in) Front corner ultrasonic sensor: Approx. 38—25 cm (15—9.8 in)	Rear ultrasonic sensor: Approx. 45—35 cm (17.7—13.8 in) Rear corner ultrasonic sensor: Approx. 38—25 cm (15—9.8 in)
		Red	Front ultrasonic sensor: Within approx. 35 cm (13.8 in) Front corner ultrasonic sensor: Within approx. 25 cm (9.8 in)	(13.8 in)

▼ Parking Sensor System Operation

Vehicles without front ultrasonic sensor/front corner ultrasonic sensor

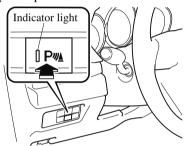
The parking sensors can be used when the selector lever is shifted to the R position with the ignition switched ON.

Vehicles with front ultrasonic sensor/front corner ultrasonic sensor

When the parking sensor switch is pressed with the ignition switched ON, the buzzer sounds and the indicator light turns on.

When the ignition is switched ON with the parking sensor activated, the indicator light turns on.

Press the switch again to stop the operation.



NOTE

When the ignition is switched OFF, the system status before it was turned off is maintained. For example, if the ignition is switched OFF while the parking sensor is activated, the system will be activated when the ignition is switched ON the next time.

Operation conditions

The parking sensor system can be used when all of the following conditions are met:

- · The ignition is switched ON.
- · The parking sensor switch is turned on.

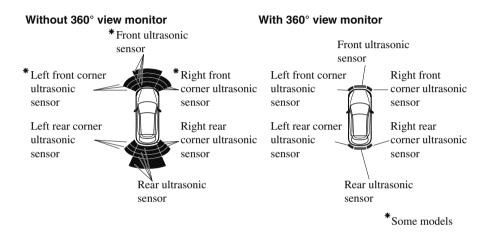
NOTE

- The detection indicator and buzzer of the front ultrasonic sensors/front corner ultrasonic sensors do not operate when the selector lever is in the P position.
- The detection indicator and buzzer sound do not activate when the parking brake is applied.

▼ Obstruction Detection Indication

The position of a sensor which has detected an obstruction is indicated. The gauge illuminates in different areas depending on the distance to an obstruction detected by the sensor.

As the vehicle approaches closer to an obstruction, the zone in the gauge closer to the vehicle illuminates



NOTE

The detection indicator can switch between display and non-display. Refer to the Settings section in the Mazda Connect Owner's Manual.

(Vehicles with 360° View Monitor)

When the detection indicator is set to "Display", even with the 360° view monitor not displayed, if a front ultrasonic sensor or a front corner ultrasonic sensor detects an obstruction, the 360° view monitor switches automatically to display. When an obstruction is no longer detected, the display switches to the display before the obstruction was detected. However, while the 360° view monitor is displayed, it continues to display no matter if an obstruction is detected or not.

System problem notification

If a problem occurs, the driver is notified of the problem by the following indications.

	Detection Indicator			
	Without 360° Without front ultrasonic sensor and front corner ultrasonic sensor	wiew monitor With front ultrasonic sensor and front corner ultrasonic sensor	With 360° view monitor	Solution
Discon- nection			*** !!	The system may have a malfunction. Have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
System mal- function				The system may have a malfunction. Have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
Frost/ soiling				Foreign matter may be on the sensor area corre- sponding to the obstruc- tion detection indication shown. If the system does not recover, have the vehi- cle inspected at an expert repairer (we recommend an Authorised Mazda Re- pairer).

▼ Parking Sensor Warning Beep

The beeper sounds as follows while the system is operating.

Front Ultrasonic Sensor*, Rear Ultrasonic Sensor

Distance detec-	Distance between vel	Beeper sound*1	
tion area	Front ultrasonic sensor*	Rear ultrasonic sensor	Beeper sound
Farthest distance	Approx. 100—60 cm (39.3—23.6 in)	Approx. 150—60 cm (59.0—23.6 in)	Slow intermittent sound
Far distance	Approx. 60—45 cm (23.6—17.7 in)	Approx. 60—45 cm (23.6—17.7 in)	Medium intermittent sound
Middle distance	Approx. 45—35 cm (17.7—13.7 in)	Approx. 45—35 cm (17.7—13.7 in)	Fast intermittent sound
Close distance	Within approx. 35 cm (13.7 in)	Within approx. 35 cm (13.7 in)	Continuous sound

^{*1} The rate at which the intermittent sound beeps increases as the vehicle approaches the obstruction.

Front Corner Ultrasonic Sensor*, Rear Corner Ultrasonic Sensor

	Distance between vehicle and obstruction	
Distance detection area	Front corner ultrasonic*/Rear corner ultrasonic sensor	Beeper sound*1
Far distance	Approx. 55—38 cm (21.6—14.9 in)	Medium intermittent sound
Middle distance	Approx. 38—25 cm (14.9—9.8 in)	Fast intermittent sound
Close distance	Within approx. 25 cm (9.8 in)	Continuous sound

^{*1} The rate at which the intermittent sound beeps increases as the vehicle approaches the obstruction.

NOTE

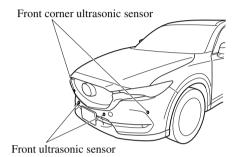
If an obstruction is detected in a zone for 6 seconds or more, the beep sound is stopped (except for the close-distance zone). If the same obstruction is detected in another zone, the corresponding beep sound is heard.

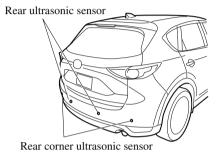
▼ When Warning Indicator/Beep is Activated

The system notifies the driver of an abnormality by activating the beep sound and the indicator light.

Indicator/Beep	How to check
The indicator light flashes when the parking sensor switch is pressed at a vehicle speed of 10 km/h (6 mph) or less.	The system may have a malfunction. Have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
The beep sound is not heard.	The system may have a malfunction. Have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
The intermittent sound of the buzzer is heard 5 times.	Remove any foreign material from the sensor area. If the system does not recover, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
A certain obstruction detection indicator is continuously displayed.	Refer to Obstruction Detection Indication on page 4-350.

The parking sensors use ultrasonic sensors which detect obstructions around the vehicle when the vehicle is driven at low speeds, such as during garage or parallel parking, and a buzzer sound and detection indicator notify the driver of the approximate distance from the vehicle to the surrounding obstruction.







Do not rely completely on the parking sensor system and be sure to confirm the safety around your vehicle visually when driving:

This system can assist the driver in operating the vehicle in the forward and backward directions while parking. The detection ranges of the sensors are limited, therefore, driving the vehicle while relying only on the system may cause an accident. Always confirm the safety around your vehicle visually when driving.

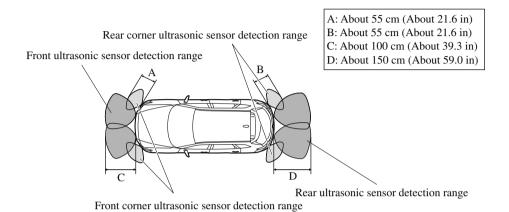
NOTE

- · Do not install any accessories within the detection ranges of the sensors. It may affect the system operation.
- Depending on the type of obstruction and the surrounding conditions, the detection range of a sensor may narrow, or the sensors may not be able to detect obstructions.
- The system may not operate normally under the following conditions:
 - · Mud, ice, or snow is adhering to the sensor area (Returns to normal operation when removed).
 - $\cdot \textit{ The sensor area is frozen (Returns to normal operation when the ice is thawed)}.$
 - · The sensor is covered by a hand.
 - The sensor is excessively shocked.
 - \cdot The vehicle is excessively tilted.
 - · Under extremely hot or cold weather conditions.

- The vehicle is driven on bumps, inclines, gravel, or grass covered roads.
- Anything which generates ultrasound is near the vehicle, such as another vehicle's horn, the engine sound of a motorcycle, the air brake sound of a large-sized vehicle, or another vehicle's sensors.
- The vehicle is driven in heavy rain or in road conditions causing water-splash.
- · A commercially-available wing pole or an aerial for a radio transmitter is installed to the vehicle
- The vehicle is moving towards a tall or square curbstone.
- · An obstruction is too close to the sensor.
- Obstructions under the bumper may not be detected. Obstructions that are lower than the bumper or thin which may have been initially detected may no longer be detected as the vehicle approaches more closely to the obstruction.
- The following types of obstructions may not be detected:
 - · Thin objects such as wire or rope
 - · Things which absorb sonic waves easily such as cotton or snow
 - · Angular shaped objects
 - · Very tall objects, and those which are wide at the top
 - · Small, short objects
- · Always have the system inspected at an expert repairer (we recommend an Authorised Mazda Repairer) if any shock is applied to the bumpers, even in a minor accident. If the sensors are deviated, they cannot detect obstructions.
- The system may have a malfunction if the beep does not operate or the indicator light does not illuminate when the parking sensor switch is turned on. Consult an expert repairer (we recommend an Authorised Mazda Repairer).
- The system may have a malfunction if the beep sound which indicates a system malfunction is heard and the indicator light flashes. Consult an expert repairer (we recommend an Authorised Mazda Repairer).
- The beeper which indicates a system malfunction may not be heard if the ambient temperature is extremely cold, or mud, ice, or snow adheres to the sensor area. Remove any foreign material from the sensor area.
- · When installing a trailer hitch, consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Sensor Detection Range

The sensors detect obstructions within the following range.



Viewing distance display

Display		Distance between vehicle and obstruction	
Without 360° view monitor	With 360° view monitor	Front ultrasonic sensor/ Front corner ultrasonic sensor	Rear ultrasonic sensor/ Rear corner ultrasonic sensor
	Green	Front ultrasonic sensor: Approx. 100—60 cm (39.3—23.6 in)	Rear ultrasonic sensor: Approx. 150—60 cm (59.0—23.6 in)

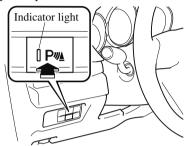
Dis	play	Distance between ve	hicle and obstruction
Without 360° view monitor	With 360° view monitor	Front ultrasonic sensor/ Front corner ultrasonic sensor	Rear ultrasonic sensor/ Rear corner ultrasonic sensor
	Yellow	Front ultrasonic sensor: Approx. 60—45 cm (23.6—17.7 in) Front corner ultrasonic sensor: Approx. 55—38 cm (21.6—14.9 in)	Rear ultrasonic sensor: Approx. 60—45 cm (23.6—17.7 in) Rear corner ultrasonic sensor: Approx. 55—38 cm (21.6—14.9 in)
	Amber	Front ultrasonic sensor: Approx. 45—35 cm (17.7—13.7 in) Front corner ultrasonic sensor: Approx. 38—25 cm (14.9—9.8 in)	Rear ultrasonic sensor: Approx. 45—35 cm (17.7—13.7 in) Rear corner ultrasonic sensor: Approx. 38—25 cm (14.9—9.8 in)
	Red	Front ultrasonic sensor: Within approx. 35 cm (13.7 in) Front corner ultrasonic sensor: Within approx. 25 cm (9.8 in)	Rear ultrasonic sensor: Within approx. 35 cm (13.7 in) Rear corner ultrasonic sensor: Within approx. 25 cm (9.8 in)

▼ Parking Sensor System Operation

When the parking sensor switch is pressed with the ignition switched ON, the buzzer sounds and the indicator light turns on.

When the ignition is switched ON with the parking sensor activated, the indicator light turns on.

Press the switch again to stop the operation.



NOTE

When the ignition is switched OFF, the system status before it was turned off is maintained. For example, if the ignition is switched OFF while the parking sensor is activated, the system will be activated when the ignition is switched ON the next time.

Operation conditions

The parking sensor system can be used when all of the following conditions are met:

- · The ignition is switched ON.
- · The parking sensor switch is turned on.

NOTE

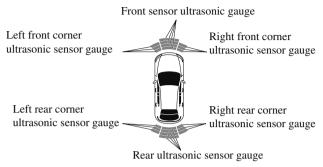
- The detection indicator and buzzer of the front sensors/front corner sensors do not operate when the selector lever is in the P position.
- The detection indicator and buzzer sound do not activate when the parking brake is applied.

▼ Obstruction Detection Indication

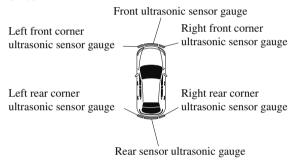
The position of a sensor which has detected an obstruction is indicated. The gauge illuminates in different areas depending on the distance to an obstruction detected by the sensor.

As the vehicle approaches closer to an obstruction, the zone in the gauge closer to the vehicle illuminates.

Without 360°view monitor



With 360°view monitor



NOTE

The detection indicator can be switched between display and non-display and the buzzer volume can be changed.

Refer to the Settings section in the Mazda Connect Owner's Manual.

(Vehicles with 360° View Monitor)

When the detection indicator is set to "Display", even with the 360° view monitor not displayed, if a front ultrasonic sensor or a front corner ultrasonic sensor detects an obstruction, the 360° view monitor switches automatically to display. When an obstruction is no longer detected, the display switches to the display before the obstruction was detected. However, while the 360° view monitor is displayed, it continues to display no matter if an obstruction is detected or not.

System problem notification

The indication displays if the system has a malfunction.

Without 360°view monitor



With 360°view monitor



Check the reason for the indication displaying on the centre display or multi-information display.

Refer to If a Warning Light Turns On or Flashes on page 7-42.

▼ Parking Sensor Warning Beep

The beeper sounds as follows while the system is operating.

Front ultrasonic sensor, Rear ultrasonic sensor

Distance Detec-	Distance between vel	Beeper sound*1	
tion area	Front ultrasonic sensor	Rear ultrasonic sensor	beeper sound
Farthest distance	Approx. 100—60 cm (39.3—23.6 in)	Approx. 150—60 cm (59.0—23.6 in)	Slow intermittent sound
Far distance	Approx. 60—45 cm (23.6—17.7 in)	Approx. 60—45 cm (23.6—17.7 in)	Medium intermittent sound
Middle distance	Approx. 45—35 cm (17.7—13.7 in)	Approx. 45—35 cm (17.7—13.7 in)	Fast intermittent sound
Close distance	Within approx. 35 cm (13.7 in)	Within approx. 35 cm (13.7 in)	Continuous sound

^{*1} The rate at which the intermittent sound beeps increases as the vehicle approaches the obstruction.

Front corner ultrasonic sensor, Rear corner ultrasonic sensor

	Distance between vehicle and obstruction	
Distance Detection area	Front corner ultrasonic sensor/Rear corner ultra- sonic sensor	Beeper sound*1
Far distance	Approx. 55—38 cm (21.6—14.9 in)	Medium intermittent sound
Middle distance	Approx. 38—25 cm (14.9—9.8 in)	Fast intermittent sound
Close distance	Within approx. 25 cm (9.8 in)	Continuous sound

^{*1} The rate at which the intermittent sound beeps increases as the vehicle approaches the obstruction.

NOTE

• If an obstruction is detected in a zone for 6 seconds or more, the beep sound is stopped (except for the close-distance zone). If the same obstruction is detected in another zone, the corresponding beep sound is heard.

▼ When Warning Indicator/Beep is Activated

The system notifies the driver of an abnormality by activating the beep sound and the indicator light.

Indicator/Beep	How to check
The indicator light flashes when the parking sensor switch is pressed at a vehicle speed of 10 km/h (6 mph) or less.	The system may have a malfunction. Have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
The beep sound is not heard.	The system may have a malfunction. Have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
The intermittent sound of the buzzer is heard 5 times.	Remove any foreign material from the sensor area. If the system does not recover, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
A certain obstruction detection indicator is continuously displayed.	Refer to Obstruction Detection Indication on page 4-359.

5

Interior Features

Use of various features for ride comfort, including air-conditioning and audio system.

Air-Conditioning System5-	2
Operating Tips5-	2
Vent Operation5-	3
Manual Type5-	5
Fully Automatic Type5-	
Mazda Connect [Mazda Connect Type A]5-1 What is Mazda Connect ?5-1	4
Mazda Connect Basic	_
Operations5-1 Mazda Connect [Mazda Connect Type B]5-3	2
What is Mazda Connect ?5-3	

Mazda Connect Basic Operations	5-35
Interior Equipment	5-49
Sunvisors	5-49
Interior Lights	5-49
Accessory Sockets	5-53
USB Power Outlet*	5-55
Wireless Charger (Qi)*	5-56
Cup Holder	
Bottle Holder	5-60
Storage Compartments	5-61

Air-Conditioning System

Operating Tips

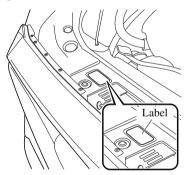
- Operate the air-conditioning system with the engine running.
- To prevent the battery from being discharged, do not leave the fan control dial/switch on for a long period of time with the ignition switched ON when the engine is not running.
- · (With i-stop)

The airflow amount may decrease slightly while the i-stop function is operating.

- Clear all obstructions such as leaves, snow and ice from the bonnet and the air inlet in the cowl grille to improve the system efficiency.
- Use the air-conditioning system to defog the windows and dehumidify the air.
- The recirculate mode should be used when driving through tunnels or while in a traffic jam, or when you would like to shut off outside air for quick cooling of the interior.
- Use the outside air position for ventilation or windscreen defrosting.
- If the vehicle has been parked in direct sunlight during hot weather, open the windows to let warm air escape, then run the air-conditioning system.
- Run the air conditioner about 10 minutes at least once a month to keep internal parts lubricated.

 Have the air conditioner checked before the weather gets hot. Lack of refrigerant may make the air conditioner less efficient.

The refrigerant specifications are indicated on a label attached to the inside of the engine compartment. If the wrong type of refrigerant is used, it could result in a serious malfunction of the air conditioner. Consult a professional, government certified repairer for the inspection or repair because a special device is required for the air conditioner maintenance. For details, consult an expert repairer (we recommend an Authorised Mazda Repairer).



Vent Operation

▼ Adjusting the Vents

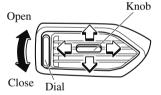
Directing airflow

To adjust the direction of airflow, move the adjustment knob.

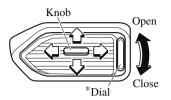
NOTE

- When using the air conditioner under humid ambient temperature conditions, the system may blow fog from the vents. This is not a sign of trouble but a result of humid air being suddenly cooled.
- The air vents can be fully opened and closed by operating the dial.

Side Vents

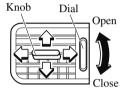


Centre Vents



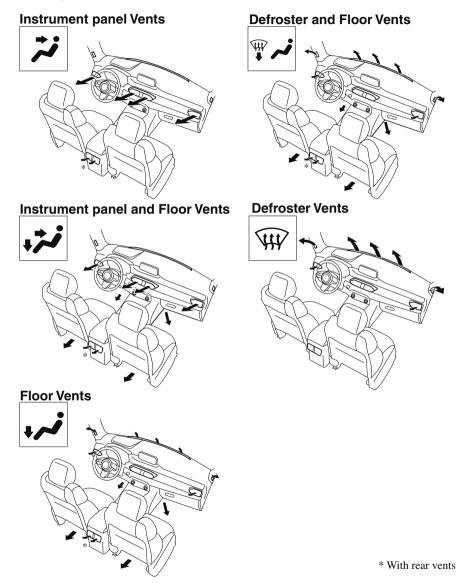
* Some models

Rear Vents*



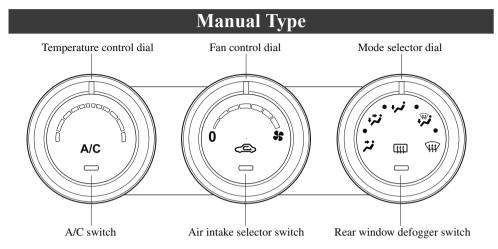
Air-Conditioning System

▼ Selecting the Airflow Mode



NOTE

The location airflow exits the air vents and the airflow amount may change depending on the open or close status of the air vents.



▼ Control Switches

Temperature control dial

This dial controls temperature. Turn it clockwise for hot and anticlockwise for cold.

Fan control dial

This dial allows variable fan speeds. The fan has seven speeds.

Mode selector dial

Turn the mode selector dial to select airflow mode (page 5-4).

NOTE

- The mode selector dial can be set at the intermediate positions (●) between each mode. Set the dial to an intermediate position if you want to split the airflow between the two modes.
- · For example, when the mode selector dial is at the position between the ¾ and ¾ positions, airflow from the floor vent is less than that of the ¾ position.

A/C switch

Press the A/C switch to turn the air conditioner on. The indicator light on the switch will illuminate when the fan control dial is in any position except OFF.

Press the switch once again to turn the air conditioner off

NOTE

The air conditioner may not function when the outside temperature approaches $0 \,^{\circ}\text{C}$ (32 $^{\circ}\text{F}$).

Air intake selector

This switch controls the source of air entering the vehicle.

Outside or recirculated air positions can be selected. Press the switch to select outside/recirculated air positions.

Air-Conditioning System

Recirculated air position (indicator light illuminated)

Outside air is shut off. Air within the vehicle is recirculated. Use this position when going through tunnels, driving in congested traffic (high engine exhaust areas), or when quick cooling is desired.

Outside air position (indicator light turned off)

Outside air is allowed to enter the cabin. Use this position for ventilation or windscreen defrosting.



Do not use the position in cold or rainy weather:

Using the Sposition in cold or rainy weather is dangerous as it will cause the windows to fog up. Your vision will be hampered, which could lead to a serious accident.

Rear window defogger switch

Press the rear window defogger switch to defrost the rear window.

Refer to Rear Window Defogger on page 4-100.

▼ Heating

- 1. Set the mode selector dial to the ***** position.
- 2. Set the air intake selector to the outside air position (indicator light turns off).
- 3. Set the temperature control dial to the hot position.
- 4. Set the fan control dial to the desired speed.
- 5. If dehumidified heating is desired, turn on the air conditioner.

NOTE

- If the windscreen fogs up easily, set the mode selector dial to the *position.
- If cooler air is desired at face level, set the mode selector dial at the position and adjust the temperature control dial to maintain maximum comfort.
- The air to the floor is warmer than air to the face (except when the temperature control dial is set at the extreme hot or cold position).

▼ Cooling

- 1. Set the mode selector dial to the **i** position.
- 2. Set the temperature control dial to the cold position.
- 3. Set the fan control dial to the desired speed.
- 4. Turn on the air conditioner by pressing the A/C switch.
- After cooling begins, adjust the fan control dial and temperature control dial as needed to maintain maximum comfort.



If the air conditioner is used while driving up long hills or in heavy traffic, monitor the high engine coolant temperature warning indication/warning light to see if it is illuminated or flashing (page 7-42). The air conditioner may cause engine overheating. If the warning light is illuminated or flashing, turn the air conditioner off (page 7-36).

NOTE

- When maximum cooling is desired, set the temperature control dial to the extreme cold position and set the air intake selector to the recirculated air position, then turn the fan control dial fully clockwise.
- If warmer air is desired at floor level, set the mode selector dial at the vi position and adjust the temperature control dial to maintain maximum comfort.
- The air to the floor is warmer than air to the face (except when the temperature control dial is set at the extreme hot or cold position).

▼ Ventilation

- 1. Set the mode selector dial to the ***** position.
- 2. Set the air intake selector to the outside air position (indicator light turns off).
- 3. Set the temperature control dial to the desired position.
- 4. Set the fan control dial to the desired speed.

▼ Windscreen Defrosting and Defogging

- 1. Set the mode selector dial to the \www.position.
- 2. Set the temperature control dial to the desired position.
- 3. Set the fan control dial to the desired speed.
- 4. If dehumidified heating is desired, turn on the air conditioner.

MARNING

Do not defog the windscreen using the \widehat{W} position with the temperature control set to the cold position:

Using the wposition with the temperature control set to the cold position is dangerous as it will cause the outside of the windscreen to fog up. Your vision will be hampered, which could lead to a serious accident. Set the temperature control to the hot or warm position when using the wposition.

NOTE

- · For maximum defrosting, turn on the air conditioner, set the temperature control dial to the extreme hot position, and turn the fan control dial fully clockwise.
- · If warm air is desired at the floor, set the mode selector dial to the ₱ position.
- In the W position, the outside air position is automatically selected. The air intake selector cannot be changed to the recirculated air position.

▼ Dehumidifying

Operate the air conditioner in cool or cold weather to help defog the windscreen and side windows.

- 1. Set the mode selector dial to the desired position.
- 2. Set the air intake selector to the outside air position (indicator light turns off).
- 3. Set the temperature control dial to the desired position.
- 4. Set the fan control dial to the desired speed.
- 5. Turn on the air conditioner by pressing the A/C switch.

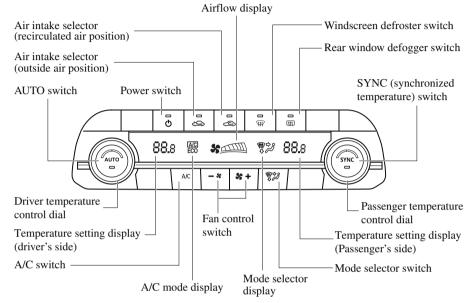
Air-Conditioning System

NOTE

One of the functions of the air conditioner is dehumidifying the air and, to use this function, the temperature does not have to be set to cold. Therefore, set the temperature control dial to the desired position (hot or cold) and turn on the air conditioner when you want to dehumidify the cabin air.

Fully Automatic Type

Air-conditioning system information is displayed on the display.



▼ Control Switches

AUTO switch

By pressing the AUTO switch the following functions will be automatically controlled in accordance with the selected set temperature:

- · Airflow temperature
- · Amount of airflow
- · Selection of airflow mode
- · Outside/Recirculated air selection
- · Air conditioner operation
- · A/C or A/C ECO selection

NOTE

AUTO switch indicator light

- When on, it indicates auto operation, and the system will function automatically.
- · If any of the following switches are operated while in auto control, the AUTO switch indicator turns off.
 - · Mode selector switch
 - · Fan control switch
 - Windscreen defroster switch
 The functions for switches other than those operated continue to operate in auto control.

Power switch (Fan On/Off)

The air-conditioning system turns on or off by pressing the power switch.

Air-Conditioning System

Temperature control dial

This dial controls temperature. Turn it clockwise for hot and anticlockwise for cold.

(European models)

Turn the temperature control dial to adjust the temperature between 15 °C (60 °F) and 29 °C (84 °F).

(Except European models)

Turn the temperature control dial to adjust the temperature between 18 °C (64 °F) and 32 °C (90 °F).

- When the SYNC switch is on: Turn the driver temperature control dial to control the temperature throughout the entire cabin.
- When the SYNC switch is off: Turn the driver or front passenger temperature control dial to independently control the temperature on each side of the cabin.

NOTE

- The air-conditioning system changes to the individual operation mode (SYNC switch indicator light turns off) by turning the front passenger temperature control dial even when the SYNC switch is on, which allows individual control of the set temperature for the driver and front passenger.
- · When you set the temperature to the lower or upper limit, "Lo" or "Hi" is displayed.

• The temperature units for the temperature setting display can be changed in conjunction with the temperature units for the outside temperature display.

(Instrument cluster Type A)
Refer to Outside Temperature Display on page 4-28.

(Instrument cluster Type B)
Refer to Outside Temperature Display on page 4-47.

(Instrument cluster Type C)
Refer to Outside Temperature Display on page 4-64.

Fan control switch

The fan has 7 speeds. The selected speed will be displayed.

Mode selector switch

The desired airflow mode can be selected (page 5-4).

NOTE

- With the airflow mode set to the position and the temperature control dial set at a medium temperature, heated air is directed to the feet and air at a comparably lower temperature will flow through the central, left and right vents.
- To set the air vent to \(\partial \), press the windscreen defroster switch.
- In the W position, the air conditioner is automatically turned on and the outside air position is automatically selected to defrost the windscreen.

A/C switch

Pressing the A/C switch while the AUTO switch is turned on will turn off the air conditioner (cooling/dehumidifying functions).

The on/off of the air conditioner switches each time the A/C switch is pressed. Changes as follows each time the A/C switch is pressed.

 $A/C \rightarrow A/C ECO \rightarrow Stop$

NOTE

- The air conditioner operates when the A/C switch is pressed while the air conditioner is turned off.
- The A/C ECO function is designed to economize use of the air-conditioning system. "A/C ECO" is displayed to indicate that the air-conditioning system is operating at optimum control.
- The air conditioner may not function when the outside temperature approaches $0 \, ^{\circ}\text{C} (32 \, ^{\circ}\text{F})$.

Air intake selector

Outside or recirculated air positions can be selected. Press the switch to select outside/recirculated air positions.

Recirculated air position (<>>)

Outside air is shut off. Air within the vehicle is recirculated. Use this position when going through tunnels, driving in congested traffic (high engine exhaust areas), or when quick cooling is desired.

Outside air position ()

Outside air is allowed to enter the cabin. Use this position for ventilation or windscreen defrosting.

MARNING

Do not use the Sposition in cold or rainy weather:

Using the Sposition in cold or rainy weather is dangerous as it will cause the windows to fog up. Your vision will be hampered, which could lead to a serious accident.

SYNC (Synchronized Temperature) switch

Use the SYNC switch to change the mode between the individual operation (driver and passenger) and interconnection (simultaneous) modes.

Interconnection mode (indicator light turns on)

The set temperature for the driver and front passenger is controlled simultaneously.

Individual operation mode (indicator light turns off)

The set temperature can be controlled individually for the driver and front passenger.

Windscreen defroster switch

Press the switch to defrost the windscreen and front door windows.

Refer to Windscreen Defrosting and Defogging on page 5-12.

Rear window defogger switch

Press the rear window defogger switch to defrost the rear window.

Refer to Rear Window Defogger on page 4-100.

Air-Conditioning System

▼ Operation of Automatic Air Conditioner

- Press the AUTO switch. Selection of the airflow mode, air intake selector and amount of airflow will be automatically controlled.
- 2. Use the temperature control dial to select a desired temperature.

 If you want to set the temperature on the front passenger's side separately from the driver's side, turn the front passenger temperature control dial to switch the mode automatically to the individual operation mode and set the temperature for the front passenger's side

To turn off the system, press the power switch.

NOTE

· (European models)

Set the control dial to the recommended temperature of 22 °C (72 °F), and then adjust it as desired.

- (Except European models)

 Set the control dial to the recommended temperature of 25 °C (77 °F), and then adjust it as desired.
- Setting the temperature to maximum hot or cold will not provide the desired temperature at a faster rate.
- · When selecting heat, the system will restrict airflow until the engine has warmed to prevent cold air from blowing out of the vents.

▼ Windscreen Defrosting and Defogging

Press the windscreen defroster switch. In this position, the outside air position is automatically selected, and the air conditioner automatically turns on. The air conditioner will directly dehumidify the air to the front windscreen and side windows on page 5-4.

Airflow amount will be increased



Set the temperature control to the hot or warm position when defogging (\(\pi\)) position):

Using the position with the temperature control set to the cold position is dangerous as it will cause the outside of the windscreen to fog up. Your vision will be hampered, which could lead to a serious accident.

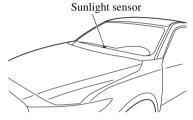
NOTE

Use the temperature control dial to increase the air flow temperature and defog the windscreen more quickly.

▼ Sunlight/Interior temperature sensor

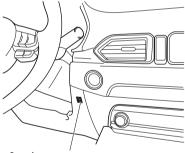
Sunlight sensor

Do not place objects on the sunlight sensor. Otherwise, the interior temperature may not adjust correctly.



Interior temperature sensor

Do not cover the interior temperature sensor. Otherwise, the interior temperature may not adjust correctly.



Interior temperature sensor

What is Mazda Connect?

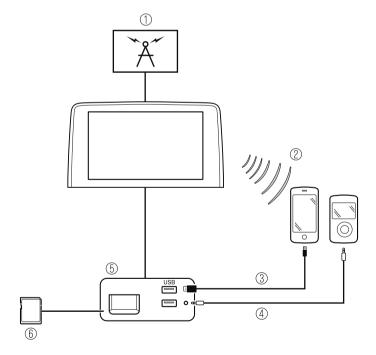
▼ What is Mazda Connect?

For vehicles with the following display type, refer to the following page because your vehicle is equipped with Mazda Connect (Type B).

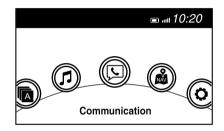
Refer to What is Mazda Connect? 5-31.



This manual only indicates a part of the information for Mazda Connect. For details, check the Web owner's manual at the Mazda site for each country.



- 1. Radio
- 2. Bluetooth® Audio/Hands-Free Call/SMS (Short Message Service)/E-mail
- 3. USB Audio
- 4. AUX
- 5. USB port*1/Auxiliary jack*1/SD card slot*2
- 6. SD card (Navigation system)*
- *1 The location of the USB slot/auxiliary jack differs depending on the specifications.
- *2 The SD card slot is for the navigation system only. For vehicles with the navigation system, the SD card (Mazda genuine) with stored map data is inserted into the SD card slot and used.



Icon	Function
	Applications Information such as average fuel economy, maintenance, and warnings can be verified. In addition, Apple CarPlay*, and AndroidTM* can be selected. Depending on the grade and specification, the screen display may differ.
(I)	Entertainment Operates audio such as the radio. The audio source most recently used is displayed. An audio source which cannot be used at that time is skipped and the previous audio source is displayed. To change the audio source, select the icon displayed at the bottom of the screen.
(C)	Communication Bluetooth® related functions are available.
	Navigation Navigation screen is displayed (vehicles with navigation system). If the SD card for the navigation system is not inserted, the compass indicating the direction in which the vehicle is moving is displayed. The compass may not indicate the correct bearing when the vehicle is stopped or travelling at a slow speed.
	Settings Overall setting menu (Such as display, sound, Bluetooth® and Language). Depending on the grade and specification, the screen display may differ.

▲ WARNING

Always adjust Mazda Connect while the vehicle is stopped:

Do not adjust Mazda Connect with the Commander switch while driving the vehicle. Adjusting Mazda Connect with the Commander switch while driving the vehicle is dangerous as it could distract your attention from the vehicle operation which could lead to a serious accident.

Even if the audio remote control switches are equipped on the steering wheel, learn to use the switches without looking down at them so that you can keep your maximum attention on the road while driving the vehicle.

Do not allow the connection plug cord to get tangled with the selector lever:

Allowing the plug cord to become tangled with the selector lever is dangerous as it could interfere with driving, resulting in an accident.

Do not adjust a mobile device or a similar product while driving the vehicle:

Adjusting a mobile device or a similar product while driving the vehicle is dangerous as it could distract your attention from the vehicle operation which could lead to a serious accident. Always adjust a mobile device or a similar product while the vehicle is stopped.

▲ CAUTION

For the purposes of safe driving, adjust the audio volume to a level that allows you to hear sounds outside of the vehicle including car horns and particularly emergency vehicle sirens.

NOTE

- Do not use Mazda Connect for a long time with the engine stopped. Otherwise, the lead-acid battery power could be depleted.
- · If a mobile phone or CB radio is used in or near the vehicle, it could cause noise to occur from the audio system. However, this does not indicate a problem.

Mazda Connect Basic Operations

▼ Mazda Connect Basic Operations

NOTE

The explanation of functions described in this manual may differ from the actual operation, and the shapes of screens and buttons and the letters and characters displayed may also differ from the actual appearance.

Additionally, depending on future software updates, the content may successively change without notice.

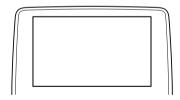
▼ Touch Panel Operation



Do not press the screen strongly or press it with a sharp-pointed object. Otherwise, the screen could be damaged.

NOTE

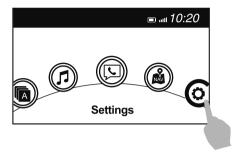
For safety reasons, operation of the centre display is disabled while the vehicle is being driven. However, items not displayed in grey can be operated using the commander switch while the vehicle is being driven.



Touch & Tap

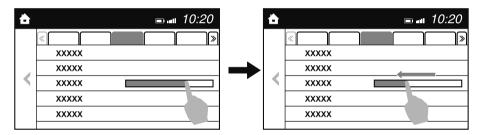
1. Touch or tap on the item indicated on the screen.

2. The operation is launched and the next item is displayed.



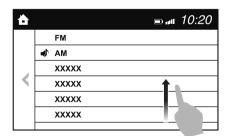
Slide

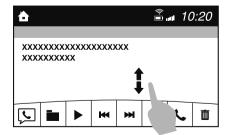
- 1. Touch the setting item displaying a slider bar.
- 2. Touch the slider with your finger and move to the desired level.



Swipe

- 1. Touch the screen with your finger and move up or down.
- 2. Items which were not displayed can be displayed.





Return to previous screen

1. Touch the .

Displaying the home screen

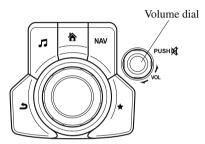
1. Touch the .

▼ Commander Switch Operation

NOTE

For safety reasons, some operations are disabled while the vehicle is being driven.

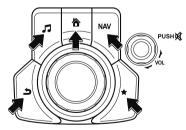
Volume dial operation



Press the volume dial to mute and pause. However, while an audio source which cannot be paused such as FM radio is playing, only mute is available. Press the volume dial again to resume the audio.

Turn the volume dial to adjust the volume. The volume increases by turning the dial clockwise, and decreases by turning it anticlockwise.

Switches around commander knob



The following operations can be done by pressing the switches around the commander knob.

: Displays the home screen.

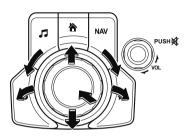
1: Displays the Entertainment screen.

NAV: Displays the Navigation screen (Only navigation-equipped vehicles). For operation of the Navigation screen, refer to the navigation system manual. If the SD card for the navigation system is not inserted, the compass indicating the direction in which the vehicle is moving is displayed.

★: Displays the Favourites screen. Long-press to store particular items in Favourites. (Radio, phonebook and destination of the navigation system can be programmed.)

5: Returns to previous screen.

Commander knob operation



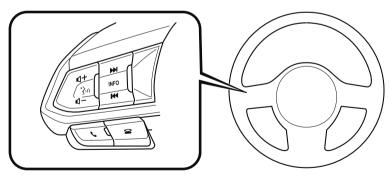
(Selection of icons on screen)

- 1. Tilt or turn the commander knob and move the cursor to the desired icon.
- 2. Press the commander knob and select the icon.

NOTE

Long-press operation of the commander knob is also possible for some functions.

▼ Audio Remote Control Switch Operation



Adjusting the Volume

To increase the volume, press up the volume switch (+).

To decrease the volume, press down the volume switch (—).



Seek Switch

AM/FM radio

Press the seek switch (III, III). The radio switches to the next/previous stored station in the order that it was stored.

Press and hold the seek switch (I--, >>I) to seek all usable stations at a higher or lower frequency whether programmed or not.

Radio stations which have been previously stored in favourites can be called up by pressing the seek switch (\mathbb{H}, \mathbb{H}) while any radio station stored in the favourite radio is being received. Radio stations can be called up in the order they were stored with each press of the switch (\mathbb{H}, \mathbb{H}).



DAB radio

Press the Seek switch ((44,)) while listening to DAB radio to call up a station previously stored to the favourites list. With each operation of the switch, radio stations can be called up in the order they were stored.

Press and hold the seek switch (>>) to go to the next station, (|<-) to return to the previous station.

USB Audio/Bluetooth® Audio

Press the seek switch () to skip forward to the beginning of the next track.

Press the seek switch (I within a few seconds after playback begins to track down to the beginning of the previous track.

Press the seek switch (◄) after a few seconds have elapsed to start playback from the beginning of the current track.

Press and hold the seek switch (I44, >>I) to continuously switch the tracks up or down.

AhaTM/StitcherTM Radio

Press the seek switch () to skip forward to the beginning of the next track.

Press and hold the seek switch (>>) to evaluate the playback of the current song as "Like".

Press and hold the seek switch (I to evaluate the playback of the current song as "Dislike".

Pick up/hang up the Phone, or Activate Voice Control Using the Switch

Talk button

Activates the voice recognition. In addition, it skips the voice guidance.

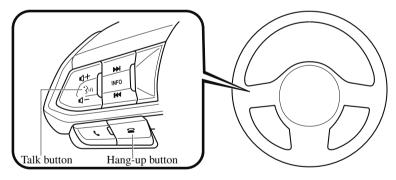
Pick-up button

Answers incoming calls. In addition, after selecting a contact or dialing a number, it places the call when the button is pressed.

Hang-up button

Ends the call or refuses an incoming call. In addition, it ends the voice recognition operation.

▼ Operation Using Voice Recognition Function



Talk button

Activates the voice recognition. In addition, it skips the voice guidance.

Hang-up button

Ends the voice recognition operation.

Basic Operation Method

Activating Voice Recognition

Press the talk button.

Ending Voice Recognition

Use one of the following methods:

- · Press the hang-up button.
- · Say, "Cancel".
- · Operate the commander switch or the centre display (only when vehicle is stopped).

Skipping Voice Guidance (for faster operation)

Press and release the talk button.

Troubleshooting for Voice Recognition

If you do not understand an operation method while in the voice recognition mode, say "Tutorial" or "Help".

Commands useable anytime during voice recognition

"Go Back" and "Cancel" are commands which can be used at anytime during voice recognition.

Returning to previous operation

To return to the previous operation, say, "Go Back" while in voice recognition mode.

Cancel

To put the Bluetooth® Hands-Free system in standby mode, say, "Cancel" while in voice recognition mode.

To prevent a deterioration in the voice recognition rate and voice quality, the following points should be observed:

- The voice recognition cannot be performed while voice guidance or the beep sound is operating. Wait until the voice guidance or the beep sound is finished before saying a command.
- Phone related commands are available only when a phone is connected via Bluetooth[®].
 Make sure a phone is connected via Bluetooth[®] before you operate phone related voice commands.
- Music play commands, such as Play Artist and Play Album can be used only in USB audio mode.

- · Do not speak too slowly or loudly (no loud voice).
- · Speak clearly, without pausing between words or numbers.
- Dialects or different wording other than hands-free prompts cannot be recognised by voice recognition. Speak in the wording specified by the voice commands.
- It is not necessary to face the microphone or be close to it. Speak the voice commands while maintaining a safe driving position.
- · Close the windows and/or the sunroof* to reduce loud noises from outside the vehicle, or turn down the airflow of the air-conditioning system while Bluetooth® Hands-Free is being used.
- · Make sure the vents are not directing air up towards the microphone.

Voice Command List

Voice command

When the talk button is pressed and the following command is spoken, the audio or navigation can be operated. The commands in the () can be omitted. The specified name and number are put into the {}.

Standard command

Voice command	Function
Help	Usable commands can be verified.
Tutorial	Basic voice commands and methods of use can be verified.
(Navigate/Take me/Drive) Home	Set the destination to Home.

Communication (phone) related command

Voice command	Function
Call {name in phonebook} (mobile/ home/work/other) Example: "Call John Mobile"	Calls to the contact in the downloaded phonebook.
Redial	Calls to the last contact you called.
Callback	Calls to the last contact who called you.

Entertainment (audio) related command

Voice command	Function	Corresponding audio source
(Go to/Play) Bluetooth (Audio)	Switches the audio source to Bluetooth® audio. Can also switch to each audio source by similarly using commands such as FM, AM, or USB.	All
Play Artist {Artist name}	Plays the selected artist.	USB

Navigation related command*

For the navigation screen voice commands, refer to the separate navigation system manual.

NOTE

- · Some commands cannot be used depending on the vehicle specifications.
- · Some commands cannot be used depending on the device connection conditions and the use conditions.
- The commands indicated in this manual are some examples of usable voice commands. Some commands cannot be used depending on the vehicle specifications.

▼ Appendix

Gracenote® Database

When a USB device or Bluetooth® device is connected to this unit and the audio is played, the album name, artist name, genre and title information are automatically displayed if there is a match in the vehicle's database compilation to the music being played. The information stored in this device uses database information in the Gracenote® music recognition service. This application or device contains software from Gracenote, Inc. of Emeryville, California ("Gracenote"). The software from Gracenote (the "Gracenote Software") enables this application to perform disc and/or file identification and obtain music-related information, including name, artist, track, and title information ("Gracenote Data") from online servers or embedded databases (collectively, "Gracenote Servers") and to perform other functions. You may use Gracenote Data only by means of the intended End-User functions of this application or device.

You agree that you will use Gracenote Data, the Gracenote Software, and Gracenote Servers for your own personal non-commercial use only. You agree not to assign, copy, transfer or transmit the Gracenote Software or any Gracenote Data to any third party. YOU AGREE NOT TO USE OR EXPLOIT GRACENOTE DATA, THE GRACENOTE SOFTWARE, OR GRACENOTE SERVERS, EXCEPT AS EXPRESSLY PERMITTED HEREIN. You agree that your non-exclusive license to use the Gracenote Data, the Gracenote Software, and Gracenote Servers will terminate if you violate these restrictions. If your license terminates, you agree to cease any and all use of the Gracenote Data, the Gracenote Software, and Gracenote Servers. Gracenote reserves all rights in Gracenote Data, the Gracenote Software, and the Gracenote Servers, including all ownership rights. Under no circumstances will Gracenote become liable for any payment to you for any information that you provide. You agree that Gracenote, Inc. may enforce its rights under this Agreement against you directly in its own name.

The Gracenote service uses a unique identifier to track queries for statistical purposes. The purpose of a randomly assigned numeric identifier is to allow the Gracenote service to count queries without knowing anything about who you are. For more information, see the web page for the Gracenote Privacy Policy for the Gracenote service.

The Gracenote Software and each item of Gracenote Data are licensed to you "AS IS." Gracenote makes no representations or warranties, express or implied, regarding the accuracy of any Gracenote Data from in the Gracenote Servers. Gracenote reserves the right to delete data from the Gracenote Servers or to change data categories for any cause that Gracenote deems sufficient. No warranty is made that the Gracenote Software or Gracenote Servers are error-free or that functioning of Gracenote Software or Gracenote Servers will be uninterrupted. Gracenote is not obligated to provide you with new enhanced or additional data types or categories that Gracenote may provide in the future and is free to discontinue its services at any time.

GRACENOTE DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, AND NON-INFRINGEMENT. GRACENOTE DOES NOT WARRANT THE RESULTS THAT WILL BE OBTAINED BY YOUR USE OF THE GRACENOTE SOFTWARE OR ANY GRACENOTE SERVER. IN NO CASE WILL GRACENOTE BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES OR FOR ANY LOST PROFITS OR LOST REVENUES

© Gracenote, Inc. 2009

Updating the database

The Gracenote® media database can be updated using USB device.

- 1. Connect a USB device containing the software for updating Gracenote®.
- 2. Select the icon on the home screen to display the Settings screen.
- 3. Select the System tab and select Music Database Update.
- 4. Select Search. The list of the update package stored in the USB device and the version are displayed.
- 5. Select the package to use the update.
- 6. Select Install.

NOTE

 ${\it Gracenote}^{\it \&}$ can be downloaded from the Mazda Hands-free Website.

Apple CarPlay

Apple CarPlay allows you to make calls, send or receive messages, and listen to music using your iPhone with the vehicle's audio system, or search for destinations using the maps. In addition, voice recognition operation is possible using Siri.

▲ CAUTION

> YOU EXPRESSLY ACKNOWLEDGE AND AGREE THAT USE OF APPLE CARPLAY ("THE APPLICATION") IS AT YOUR SOLE RISK AND THAT THE ENTIRE RISK AS TO SATISFACTORY QUALITY, PERFORMANCE, ACCURACY AND EFFORT IS WITH YOU TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW. AND THAT THE APPLICATION AND INFORMATION ON THE APPLICATION IS PROVIDED "AS IS" AND "AS AVAILABLE". WITH ALL FAULTS AND WITHOUT WARRANTY OF ANY KIND. AND MAZDA HEREBY DISCLAIMS ALL WARRANTIES AND CONDITIONS WITH RESPECT TO THE APPLICATION AND INFORMATION ON THE APPLICATION. EITHER EXPRESS. IMPLIED OR STATUTORY. INCLUDING. BUT NOT LIMITED TO. THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY. SATISFACTORY OUALITY, FITNESS FOR A PARTICULAR PURPOSE, ACCURACY, OUIET ENJOYMENT, AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. AS EXAMPLES, AND WITHOUT LIMITATION. MAZDA DISCLAIMS ANY WARRANTY REGARDING THE ACCURACY OF DATA PROVIDED BY THE APPLICATION. SUCH AS THE ACCURACY OF DIRECTIONS. ESTIMATED TRAVEL TIME. SPEED LIMITS, ROAD CONDITIONS, NEWS, WEATHER, TRAFFIC, OR OTHER CONTENT PROVIDED BY APPLE. ITS AFFILIATES. OR THIRD PARTY PROVIDERS: MAZDA DOES NOT GUARANTEE AGAINST LOSS OF APPLICATION DATA, WHICH MAY BE LOST AT ANY TIME: MAZDA DOES NOT GUARANTEE THAT THE APPLICATION OR ANY SERVICES PROVIDED THROUGH THEM WILL BE PROVIDED AT ALL TIMES OR THAT ANY OR ALL SERVICES WILL BE AVAILABLE AT ANY PARTICULAR TIME OR LOCATION. FOR EXAMPLE, SERVICES MAY BE SUSPENDED OR INTERRUPTED WITHOUT NOTICE FOR REPAIR, MAINTENANCE, SECURITY FIXES, UPDATES, ETC., SERVICES MAY BE UNAVAILABLE IN YOUR AREA OR LOCATION, ETC. IN ADDITION. YOU UNDERSTAND THAT CHANGES IN THIRD PARTY TECHNOLOGY OR GOVERNMENT REGULATION MAY RENDER THE SERVICES AND/OR APPLICATIONS OBSOLETE AND/OR UNUSABLE.

TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT SHALL MAZDA OR ITS AFFILIATES BE LIABLE FOR PERSONAL INJURY, OR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, CORRUPTION OR LOSS OF DATA, FAILURE TO TRANSMIT OR RECEIVE ANY DATA, BUSINESS INTERRUPTION OR ANY OTHER COMMERCIAL DAMAGES OR LOSSES, ARISING OUT OF OR RELATED TO THE APPLICATION OR YOUR USE OF OR INABILITY TO USE THE APPLICATION OR INFORMATION ON THE APPLICATION.

➤ When using Apple CarPlay, please avoid distraction and use Apple CarPlay responsibly. Stay fully aware of driving conditions and always obey applicable laws.

NOTE

- · Apple CarPlay is provided by Apple and its use is subject to your agreement to the Apple CarPlay terms of use, which are included as part of the Apple iOS terms of use.
- · When using Apple CarPlay, location, speed, and other vehicle data is transferred to your iPhone. For further details, refer to Apple's Privacy Policy.

Android AutoTM

Android AutoTM is an application which allows the operation of an AndroidTM Smartphone using the vehicle's audio. Android AutoTM functions such as the phone, messages, music, and map can be used with the vehicle's audio system.

▲ CAUTION

➤ YOU EXPRESSLY ACKNOWLEDGE AND AGREE THAT USE OF ANDROID AUTO™ ("THE APPLICATION") IS AT YOUR SOLE RISK AND THAT THE ENTIRE RISK AS TO SATISFACTORY OUALITY, PERFORMANCE, ACCURACY AND EFFORT IS WITH YOU TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, AND THAT THE APPLICATION AND INFORMATION ON THE APPLICATION IS PROVIDED "AS IS" AND "AS AVAILABLE," WITH ALL FAULTS AND WITHOUT WARRANTY OF ANY KIND, AND MAZDA HEREBY DISCLAIMS ALL WARRANTIES AND CONDITIONS WITH RESPECT TO THE APPLICATION AND INFORMATION ON THE APPLICATION, EITHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, FITNESS FOR A PARTICULAR PURPOSE, ACCURACY, QUIET ENJOYMENT, AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. AS EXAMPLES, AND WITHOUT LIMITATION, MAZDA DISCLAIMS ANY WARRANTY REGARDING THE ACCURACY OF DATA PROVIDED BY THE APPLICATION, SUCH AS THE ACCURACY OF DIRECTIONS, ESTIMATED TRAVEL TIME, SPEED LIMITS, ROAD CONDITIONS, NEWS, WEATHER, TRAFFIC, OR OTHER CONTENT PROVIDED BY GOOGLE. ITS AFFILIATES, OR THIRD PARTY PROVIDERS: MAZDA DOES NOT GUARANTEE AGAINST LOSS OF APPLICATION DATA, WHICH MAY BE LOST AT ANY TIME; MAZDA DOES NOT GUARANTEE THAT THE APPLICATION OR ANY SERVICES PROVIDED THROUGH THEM WILL BE PROVIDED AT ALL TIMES OR THAT ANY OR ALL SERVICES WILL BE AVAILABLE AT ANY PARTICULAR TIME OR LOCATION. FOR EXAMPLE, SERVICES MAY BE SUSPENDED OR INTERRUPTED WITHOUT NOTICE FOR REPAIR, MAINTENANCE, SECURITY FIXES, UPDATES, ETC., SERVICES MAY BE UNAVAILABLE IN YOUR AREA OR LOCATION, ETC. IN ADDITION, YOU UNDERSTAND THAT CHANGES IN THIRD PARTY TECHNOLOGY OR GOVERNMENT REGULATION MAY RENDER THE SERVICES AND/OR APPLICATIONS OBSOLETE AND/OR UNUSABLE.

TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT SHALL MAZDA OR ITS AFFILIATES BE LIABLE FOR PERSONAL INJURY, OR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, CORRUPTION OR LOSS OF DATA, FAILURE TO TRANSMIT OR RECEIVE ANY DATA, BUSINESS INTERRUPTION OR ANY OTHER COMMERCIAL DAMAGES OR LOSSES, ARISING OUT OF OR RELATED TO THE APPLICATION OR YOUR USE OF OR INABILITY TO USE THE APPLICATION OR INFORMATION ON THE APPLICATION.

➤ When using Android Auto[™], please avoid distraction and use Android Auto[™] responsibly. Stay fully aware of driving conditions and always obey applicable laws.

NOTE

- · Android AutoTM is provided by Google and its use is subject to your agreement to the Android AutoTM terms of use.
- · When using Android AutoTM, location, speed, and other vehicle data is transferred to your smart phone. For further details, refer to Google's Privacy Policy.

Trademark

- · Manufactured under license by Dolby Labouratories, Inc.. Dolby and the double-D symbol are trademarks of Dolby Labouratories.
- · AhaTM, the AhaTM logo, and the AhaTM trade dress are trademarks or registered trademarks of Harman International Industries, Inc., used with permission.
- StitcherTM, the StitcherTM logo, and the StitcherTM trade dress are trademarks or registered trademarks of Stitcher, Inc., used with permission.
- · iPhone, iPod touch, iPod nano, Siri and Apple Music are trademarks of Apple Inc., registered in the U.S. and other countries.
- · Apple CarPlay is trademarks of Apple Inc.
- · iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.
- "Made for iPhone" and "Made for iPod" mean that an accessory has been designed to connect specifically to iPhone or iPod, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Please note that the use of this accessory with iPhone or iPod may affect wireless performance.

Made for

iPhone 7 Plus

iPhone 7

iPhone SE

iPhone 6s Plus

iPhone 6s

iPhone 6 Plus

iPhone 6

iPhone 5s

iPhone 4s

iPod touch (7th generation)

iPod touch (6th generation)

iPod touch (5th generation)



- · Google, Android, Android Auto and other related marks are trademarks of Google LLC.
- · AudioPilot is a registered trademark of Bose Corporation.
- · Centerpoint is a registered trademark of Bose Corporation.
- · Windows Media and Microsoft are registered trademarks of Microsoft Corporation U.S. in the United States and other countries.
 - This product is protected by certain intellectual property rights of Microsoft Corporation and third parties.
 - Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorised Microsoft subsidiary and third parties.
- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Panasonic Corporation is under license. Other trademarks and trade names are those of their respective owners.



· SDHC Logo is a trademark of SD-3C, LLC.



• Gracenote, the Gracenote logo and logotype are either a registered trademark or a trademark of Gracenote, Inc. in the United States and/or other countries.

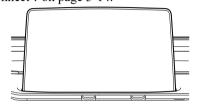


What is Mazda Connect?

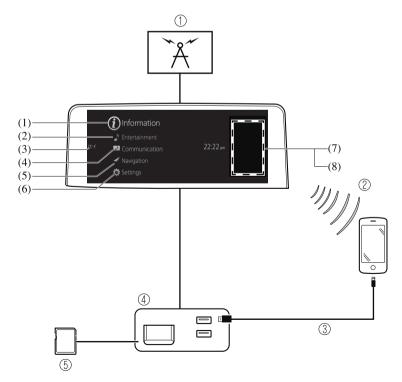
▼ What is Mazda Connect?

For vehicles with the following display type, refer to the following page because your vehicle is equipped with Mazda Connect (Type A).

Refer to What is Mazda Connect? on page 5-14.



This manual only indicates a part of the information for Mazda Connect. For details, check the Web owner's manual at the Mazda site for each country.



1. Radio

- 2. Bluetooth® Audio/Hands-Free Call/SMS (Short Message Service)
- 3. USB Audio/USB Video
- 4. USB port*1/SD card slot*2
- 5. SD card (Navigation system)*
- *1 The position and the type of the USB port differ depending on the specification.
- *2 The SD card slot is for the navigation system only. For vehicles with the navigation system, the SD card (Mazda genuine) with stored map data is inserted into the SD card slot.

No.	Menu	Explanation
(1)	Information	Fuel Efficiency Monitor: Monitor fuel efficiency in real time and view fuel efficiency history. Vehicle Status Monitor: View important vehicle maintenance messages, information, and intervals.
(2)	Entertainment	FM AM DAB* Bluetooth USB1 Audio/USB2 Audio USB1 Video/USB2 Video Audio Off
(3)	Notifications	Displays text messages received by the mobile device paired to Mazda Connect and notifications from the vehicle. The number of notifications is displayed, and if they exceed 100, 99+ is displayed. If a serious problem occurs, the background colour changes to amber or red.
(4)	Communication	By connecting your mobile device, such as a Smartphone, to Mazda Connect via Bluetooth®, you can use the hands-free call and short message functions.
(5)	Navigation	The navigation system (vehicles with navigation system) can be used when the SD card for the navigation system is inserted. If the SD card for the navigation system is not inserted, the compass indicating the direction in which the vehicle is moving is displayed. The compass may not indicate the correct bearing when the vehicle is stopped or travelling at a slow speed. For the navigation system operation, refer to the navigation system manual.

No.	Menu	Explanation
		You can change the settings for the Mazda Connect screen, sound settings, and the vehicle functions.
		In-Vehicle Displays:
		Configures settings and content for all in-vehicle displays.
		Sound Settings:
		Configures the in-vehicle listening experience.
(6)	Settings	Safety Settings:
(0)	Settings	Configures safety and driver assistance features.
		Vehicle Settings:
		Configures vehicle convenience features.
		Connectivity Settings:
		Configures Bluetooth and other device connectivity settings.
		System Settings:
		Configures language, time, and other general settings.
(7)	Apple CarPlay	You can use Apple CarPlay by connecting an iPhone compatible with Apple CarPlay.
(8)	Android Auto	You can use Android Auto [™] by connecting an Android [™] Smartphone compatible with Android Auto [™] .



Always adjust Mazda Connect while the vehicle is stopped:

Do not adjust Mazda Connect with the Commander switch while driving the vehicle. Adjusting Mazda Connect with the Commander switch while driving the vehicle is dangerous as it could distract your attention from the vehicle operation which could lead to a serious accident.

Even if the audio remote control switches are equipped on the steering wheel, learn to use the switches without looking down at them so that you can keep your maximum attention on the road while driving the vehicle.

Do not allow the connection plug cord to get tangled with the selector lever:

Allowing the plug cord to become tangled with the selector lever is dangerous as it could interfere with driving, resulting in an accident.

Do not adjust a mobile device or a similar product while driving the vehicle:

Adjusting a mobile device or a similar product while driving the vehicle is dangerous as it could distract your attention from the vehicle operation which could lead to a serious accident. Always adjust a mobile device or a similar product while the vehicle is stopped.



For the purposes of safe driving, adjust the audio volume to a level that allows you to hear sounds outside of the vehicle including car horns and particularly emergency vehicle sirens.

NOTE

- Do not use Mazda Connect for a long time with the engine stopped. Otherwise, the lead-acid battery power could be depleted.
- · If a mobile phone or CB radio is used in or near the vehicle, it could cause noise to occur from the audio system. However, this does not indicate a problem.

Mazda Connect Basic Operations

▼ Mazda Connect Basic Operations

NOTE

The explanation of functions described in this manual may differ from the actual operation, and the shapes of screens and buttons and the letters and characters displayed may also differ from the actual appearance.

Additionally, depending on future software updates, the content may successively change without notice.

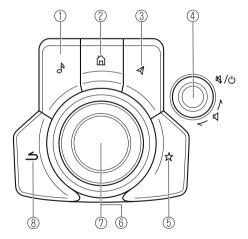
▼ Commander Switch Operation

The commander switch can be used to switch to each function and to operate each function. Set the palm of your hand on the commander knob so that your fingers can touch each of the switches.

You can switch the screens without having to look down at your hand.

NOTE

For safety reasons, some operations are disabled while driving the vehicle.



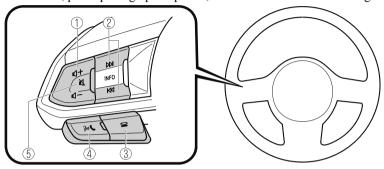
The shape of the switches varies depending on the vehicle specifications.

No.	Item	Explanation
1	P	Entertainment button: The audio source screen last used is displayed. (During Apple CarPlay or Android Auto™ music playback) Displays the Apple CarPlay or Android Auto™ now playing screen.
2		Home button: Displays the home screen. (While Apple CarPlay or Android Auto TM is displayed) Displays the Apple CarPlay or Android Auto TM home screen. (While Apple CarPlay or Android Auto TM is connected) Press and hold while the Mazda Connect screen is displayed to switch the screen from Mazda Connect to Apple CarPlay or Mazda Connect to Android Auto TM . In addition, press and hold while the Apple CarPlay or Android Auto TM screen is displayed to switch to the Mazda Connect screen.
3	4	Map button: Displays the navigation screen (vehicles with navigation system). In order for the navigation system to function, the SD card for the navigation system is required. If the SD card for the navigation system is not inserted, the compass indicating the direction in which the vehicle is moving is displayed. For the navigation system operation, refer to the navigation system manual. (During Apple CarPlay or Android Auto™ route guidance) Displays the Apple CarPlay or Android Auto™ map screen. NOTE With an active Mazda Navigation route, pressing the Map button will repeat the navigation voice guidance.

No.	Item	Explanation
		Volume knob:
		Volume adjustment
		Adjust the volume by turning the volume knob. If you adjust the volume during voice guidance, the volume of the voice guidance will change. If you adjust the volume during a hands-free call, the conversation volume will change. Press the volume knob to mute/pause the audio. Press the knob again to resume.
4		Power off/on
		Press and hold to turn off the Mazda Connect power and turn off the screen. Press again to turn on the Mazda Connect power.
		NOTE
		 If you press the volume knob to mute an audio source which can be paused, such as Apple CarPlay, USB audio, or Bluetooth® audio, while it is playing, the song playback pauses. Press the volume knob again to cancel the mute and the pause at the same time. When the Mazda Connect power is turned off and the commander switch is pressed, the Mazda Connect power turns on.
		Favourites button:
5	\Rightarrow	Displays the favourites screen. Press and hold to register AM/FM stations, contacts, navigation destinations, or any highlighted menu items to create easily accessible shortcuts.
		Commander knob (selection):
6		Rotate or slide the commander knob to highlight/select the on-screen functions you want to use.
		Commander knob (select):
7		Depress the commander knob to select the desired on-screen function you want to use.
	4	Back button:
8		Returns to previous screen.

▼ Audio Remote Control Switch Operation

The audio remote control switch is on the left side of the steering wheel. You can operate basic audio functions, pick up/hang up the phone, or activate voice control using the switch.

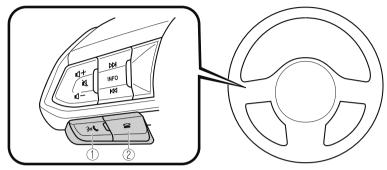


The shape of the switches may differ depending on the vehicle specifications.

No.	Item	Explanation
	₽ +	Volume adjustment button: Press the (+) or (-) button to adjust the volume.
1	₽ —	If you adjust the volume during voice guidance, the volume of the voice guidance will change. If you adjust the volume during a hands-free call, the conversation volume will change.

No.	Item	Explanation
		Seek Switch:
	(SEEK UP)	Selecting a radio station
2	(SEEK DOWN)	(FM/AM radio) Radio stations saved to your Favourites can be selected by pressing the seek switch while listening to FM/AM radio. The station will change to the previous or next favourite station each time you press the seek switch. If you want to manually tune to the next available station before or after the currently selected station, press and hold the seek switch until it beeps and the tuner will select the next available station. (DAB radio)* You can call up radio stations registered to your Favourites by pressing the seek switch while listening to DAB radio. The radio station changes each time you press the seek switch. In addition, if you press and hold the seek switch until you hear a beep, the service switches to the next or previous service. If there is no next or previous service in the selected Ensemble, Ensemble switches.
		Playback Control Music and video files can be cued when listening to stored content via USB, Bluetooth®, and audio or video. Slide the volume knob right to skip to the next track or slide it to the left to go back to the previous track. You can also slide and hold the volume knob to fast forward or rewind the track.
3		Hang-up button: (During a call) Press the button to end the call.
		(While receiving a call) Press the button to refuse a call.
4	3111	Talk/Pick-up button: (While receiving a call) Press the button to answer the call.
5	\$\$.	Mute button: Press the button to mute. Press it again to cancel the mute. NOTE If you press the mute button to mute an audio source which can be paused, such as Apple CarPlay, USB audio, or Bluetooth® audio, while it is playing, the song playback pauses. Press the mute button again to cancel the mute and the pause at the same time.

▼ Operation Using Voice Recognition Function



The shape of the switches may differ depending on the vehicle specifications.

No.	Item	Explanation
		Talk/Pick-up button:
1	3111	When the button is pressed, the voice recognition top screen is displayed and the voice recognition is activated.
		(While voice guidance is being announced) Press the button to skip the voice guidance.
		Hang-up button:
2		Press the button to end the voice recognition.

Voice recognition activation

When the talk/pick-up button on the audio remote control switch is pressed, top screen of the voice recognition will be displayed.

NOTE

When an Apple CarPlay or Android AutoTM compatible device is connected, the Mazda Connect voice recognition system is disabled to allow the use of Siri or Android AutoTM voice recognition at any time with the talk/pick-up button.

Commands usable at any time

- "Help" Can be used to check for usable voice commands.
- "Back" Returns to the previous screen. When a voice command is spoken while on the telephone number input screen, the content that was previously input is deleted.
- "Cancel"- The voice recognition is ended.

Ending voice recognition

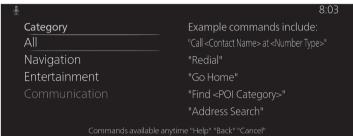
Do any one of the following operations:

· Press the hang-up button.

- · Press and hold the talk/Pick-up button.
- · Say the word, "Cancel".

Convenient operating tips for using the voice recognition function

Examples of effective voice commands in various categories are displayed on the voice recognition screen.



NOTE

- The voice command examples shown in this manual are only a partial list of the available commands. Some commands may be unusable depending on the vehicle specifications.
- · Some commands cannot be used depending on the device connection conditions and the use conditions.
- · When the Barge-In setting is on, voice commands can be made even while the voice guidance is being announced. For details on Barge-In, refer to the Settings section in the Mazda Connect Owner's Manual.
- · For details on voice commands which can be used on the navigation screen, refer to the navigation system manual.

To prevent misunderstood voice commands, be aware of the following points:

- · Connect your mobile phone to Bluetooth® before operating the mobile phone using voice recognition.
- \cdot After pressing the talk/pick-up button, wait for the beep before speaking a command.
- Speaking in a slightly louder voice will improve voice recognition, but an excessively loud voice is unnecessary. Try to speak in a slightly louder voice than when talking to other passengers in the vehicle.
- · You do not need to speak slowly. Speak at a normal speed.
- When calling a person in the device's phonebook, the recognition rate increases the longer the name is. Errors may occur with names that are short such as "Mama", "Home", or "wife".
- · Speak clearly, without pausing between words or numbers.
- · Voice commands other than those specified, cannot be recognised. Speak in the wording specified by the voice commands.

- It is not necessary to face the microphone or be near it. Speak the voice commands while maintaining a safe driving position.
- Close the windows and the sunroof* to reduce loud noises from outside the vehicle and to prevent the airflow of the air-conditioning system from being a disturbance when using Bluetooth® Hands-Free.
- Make sure that the air flow from the air conditioner is not blowing on the microphone.
- · If the voice recognition is poor with the guidance volume set to high, set the Barge-In to OFF.

Examples of available voice commands

The specified name and number are put into the {}.

Common

- · Back
- · Help (You can listen to help guidance at each screen.)
- {Line Number} (You can select the line number on the screen.)
- · Next Page
- · Previous Page
- · Cancel

Menu

- · A11
- · Navigation
- · Entertainment
- · Communication

Setting

- · Voice Recognition Settings
- · Display Off

Music

- · Play Artist (You can also use "Play Artist {Artist name}".)
- \cdot Play Album (You can also use "Play Album {Album Name}".)
- \cdot Play Playlist (You can also use "Play Playlist {Playlist Name}".)
- · Play Song (You can also use "Play Song {Song Name}".)
- · Play Audiobook (You can also use "Play Audiobook {Audiobook Name}".)
- · Play Podcast (You can also use "Play Podcast {Podcast Name}".)

Radio

- · Tune to {Frequency} AM
- \cdot Tune to {Frequency} FM
- · Tune to {AM Station Name}

5-42

- Tune to {FM Station Name}
- Tune to DAB {DAB Station Name}

Source

- · Change Source (You can also use "Change Source to USB"*1 and "USB"*1.)
- · Audio OFF (You can also use "Change Source to Audio OFF".)

Phone

- · Dial Phone Number (You can also use "Dial {Phone Number}".)
- · Call History
- · Call a Contact (You can also use "Call {Contact Name}" and "Call {Contact Name} at {Number Type}".)
- · Redial
- *1 : Audio source names other than "USB" can also be used as follows: Bluetooth/AM/FM/DAB/USB1 Audio/USB2 Audio/USB1 Video/USB2 Video

▼ Appendix

Gracenote® Database

When connecting a USB audio device or Bluetooth® audio device to this unit and playing audio, the unit searches the database stored in the vehicle for the album art. If there is a match in the vehicle's database compilation to the music being played, the album art is displayed. The database information stored in this device uses database information in the Gracenote® music recognitions service.

Apple CarPlay



> YOU EXPRESSLY ACKNOWLEDGE AND AGREE THAT USE OF APPLE CARPLAY ("THE APPLICATION") IS AT YOUR SOLE RISK AND THAT THE ENTIRE RISK AS TO SATISFACTORY QUALITY, PERFORMANCE, ACCURACY AND EFFORT IS WITH YOU TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, AND THAT THE APPLICATION AND INFORMATION ON THE APPLICATION IS PROVIDED "AS IS" AND "AS AVAILABLE", WITH ALL FAULTS AND WITHOUT WARRANTY OF ANY KIND, AND MAZDA HEREBY DISCLAIMS ALL WARRANTIES AND CONDITIONS WITH RESPECT TO THE APPLICATION AND INFORMATION ON THE APPLICATION, EITHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, FITNESS FOR A PARTICULAR PURPOSE, ACCURACY, QUIET ENJOYMENT, AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.

AS EXAMPLES, AND WITHOUT LIMITATION, MAZDA DISCLAIMS ANY WARRANTY REGARDING THE ACCURACY OF DATA PROVIDED BY THE APPLICATION, SUCH AS THE ACCURACY OF DIRECTIONS, ESTIMATED TRAVEL TIME, SPEED LIMITS, ROAD CONDITIONS, NEWS, WEATHER, TRAFFIC, OR OTHER CONTENT PROVIDED BY APPLE, ITS AFFILIATES, OR THIRD PARTY PROVIDERS; MAZDA DOES NOT GUARANTEE AGAINST LOSS OF APPLICATION DATA, WHICH MAY BE LOST AT ANY TIME; MAZDA DOES NOT GUARANTEE THAT THE APPLICATION OR ANY SERVICES PROVIDED THROUGH THEM WILL BE PROVIDED AT ALL TIMES OR THAT ANY OR ALL SERVICES WILL BE AVAILABLE AT ANY PARTICULAR TIME OR LOCATION. FOR EXAMPLE, SERVICES MAY BE SUSPENDED OR INTERRUPTED WITHOUT NOTICE FOR REPAIR, MAINTENANCE, SECURITY FIXES, UPDATES, ETC., SERVICES MAY BE UNAVAILABLE IN YOUR AREA OR LOCATION, ETC.

IN ADDITION, YOU UNDERSTAND THAT CHANGES IN THIRD PARTY TECHNOLOGY OR GOVERNMENT REGULATION MAY RENDER THE SERVICES AND/OR APPLICATIONS OBSOLETE AND/OR UNUSABLE. TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT SHALL MAZDA OR ITS AFFILIATES BE LIABLE FOR PERSONAL INJURY, OR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, CORRUPTION OR LOSS OF DATA, FAILURE TO TRANSMIT OR RECEIVE ANY DATA, BUSINESS INTERRUPTION OR ANY OTHER COMMERCIAL DAMAGES OR LOSSES, ARISING OUT OF OR RELATED TO THE APPLICATION OR YOUR USE OF OR INABILITY TO USE THE APPLICATION OR INFORMATION ON THE APPLICATION.

➤ When using Apple CarPlay, please avoid distraction and use Apple CarPlay responsibly. Stay fully aware of driving conditions and always obey applicable laws.

NOTE

- · Apple CarPlay is provided by Apple and its use is subject to your agreement to the Apple CarPlay terms of use, which are included as part of the Apple iOS terms of use.
- · When using Apple CarPlay, location, speed, and other vehicle data is transferred to your iPhone. For further details, refer to Apple's Privacy Policy.

Android AutoTM



> YOU EXPRESSLY ACKNOWLEDGE AND AGREE THAT USE OF ANDROID AUTO™ ("THE APPLICATION") IS AT YOUR SOLE RISK AND THAT THE ENTIRE RISK AS TO SATISFACTORY QUALITY, PERFORMANCE, ACCURACY AND EFFORT IS WITH YOU TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, AND THAT THE APPLICATION AND INFORMATION ON THE APPLICATION IS PROVIDED "AS IS" AND "AS AVAILABLE," WITH ALL FAULTS AND WITHOUT WARRANTY OF ANY KIND, AND MAZDA HEREBY DISCLAIMS ALL WARRANTIES AND CONDITIONS WITH RESPECT TO THE APPLICATION AND INFORMATION ON THE APPLICATION, EITHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, FITNESS FOR A PARTICULAR PURPOSE, ACCURACY, QUIET ENJOYMENT, AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.

AS EXAMPLES, AND WITHOUT LIMITATION, MAZDA DISCLAIMS ANY WARRANTY REGARDING THE ACCURACY OF DATA PROVIDED BY THE APPLICATION, SUCH AS THE ACCURACY OF DIRECTIONS, ESTIMATED TRAVEL TIME, SPEED LIMITS, ROAD CONDITIONS, NEWS, WEATHER, TRAFFIC, OR OTHER CONTENT PROVIDED BY GOOGLE, ITS AFFILIATES, OR THIRD PARTY PROVIDERS; MAZDA DOES NOT GUARANTEE AGAINST LOSS OF APPLICATION DATA, WHICH MAY BE LOST AT ANY TIME; MAZDA DOES NOT GUARANTEE THAT THE APPLICATION OR ANY SERVICES PROVIDED THROUGH THEM WILL BE PROVIDED AT ALL TIMES OR THAT ANY OR ALL SERVICES WILL BE AVAILABLE AT ANY PARTICULAR TIME OR LOCATION. FOR EXAMPLE, SERVICES MAY BE SUSPENDED OR INTERRUPTED WITHOUT NOTICE FOR REPAIR, MAINTENANCE, SECURITY FIXES, UPDATES, ETC., SERVICES MAY BE UNAVAILABLE IN YOUR AREA OR LOCATION, ETC.

IN ADDITION, YOU UNDERSTAND THAT CHANGES IN THIRD PARTY TECHNOLOGY OR GOVERNMENT REGULATION MAY RENDER THE SERVICES AND/OR APPLICATIONS OBSOLETE AND/OR UNUSABLE. TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT SHALL MAZDA OR ITS AFFILIATES BE LIABLE FOR PERSONAL INJURY, OR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, CORRUPTION OR LOSS OF DATA, FAILURE TO TRANSMIT OR RECEIVE ANY DATA, BUSINESS INTERRUPTION OR ANY OTHER COMMERCIAL DAMAGES OR LOSSES, ARISING OUT OF OR RELATED TO THE APPLICATION OR YOUR USE OF OR INABILITY TO USE THE APPLICATION OR INFORMATION ON THE APPLICATION.

➤ When using Android Auto[™], please avoid distraction and use Android Auto[™] responsibly. Stay fully aware of driving conditions and always obey applicable laws.

NOTE

- · Android AutoTM is provided by Google and its use is subject to your agreement to the Android AutoTM terms of use.
- · When using Android AutoTM, location, speed, and other vehicle data is transferred to your smart phone. For further details, refer to Google Privacy Policy.

Trademark

- Manufactured under license by Dolby Labouratories, Inc.. Dolby and the double-D symbol are trademarks of Dolby Labouratories.
- · iPhone, iPod touch, iPod nano, Siri and Lightning are trademarks of Apple Inc., registered in the U.S. and other countries.
- · Apple CarPlay is a trademark of Apple Inc.
- Use of the Apple CarPlay logo means that a vehicle user interface meets Apple performance standards. Apple is not responsible for the operation of this vehicle or its compliance with safety and regulatory standards. Please note that the use of this product with iPhone, iPod may affect wireless performance.
- · iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.
- · "Made for iPhone" and "Made for iPod" mean that an accessory has been designed to connect specifically to iPhone or iPod, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Please note that the use of this accessory with iPhone or iPod may affect wireless performance.

Made for

iPhone 11 Pro Max

iPhone 11 Pro

iPhone 11

iPhone XS Max

iPhone XS

iPhone XR

iPhone X

iPhone 8 Plus

iPhone 8

iPhone 7 Plus

iPhone 7

iPhone SE

iPhone 6s Plus

iPhone 6s

iPhone 6 Plus iPhone 6 iPhone 5s iPod touch (7th generation) iPod touch (6th generation)

> Made for **≰iPhone** | **iPod**

- · Google, Android, Android Auto and other related marks are trademarks of Google LLC.
- · AudioPilot is a registered trademark of Bose Corporation.
- · Centerpoint is a registered trademark of Bose Corporation.
- This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft.
- This product is licensed under the MPEG-4 patent portfolio license, AVC patent portfolio license and VC-1 patent portfolio license for the personal use of a consumer or other uses in which it does not receive remuneration to (i) encode video in compliance with the MPEG-4 Visual Standard, AVC Standard and VC-1 Standard ("MPEG-4/AVC/VC-1 Video") and (ii) decode MPEG-4/AVC/VC-1 Video that was encoded by a consumer engaged in a personal activity and/or was obtained from a video provider licensed to provide MPEG-4/AVC/VC-1 Video. No license is granted or shall be implied for any other use.

Additional information may be obtained from MPEG LA, L.L.C. See http://www.mpegla.com.

• The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Panasonic Corporation is under license. Other trademarks and trade names are those of their respective owners.



· SDHC Logo is a trademark of SD-3C, LLC.

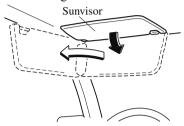


• Gracenote, the Gracenote logo and logotype, "Powered by Gracenote" and Gracenote MusicID are either registered trademarks or trademarks of Gracenote, Inc. in the United States and/or other countries.



Sunvisors

When you need a sunvisor, lower it for use in front or swing it to the side.

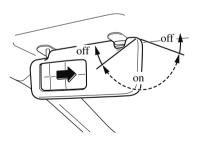


▼ Vanity Mirrors

To use the vanity mirror, lower the sunvisor.

If your vehicle is equipped with a vanity mirror light, it will illuminate when you open the cover.

To prevent the lead-acid battery from being discharged, the vanity mirror will only illuminate in the tilt range shown in the figure.



Interior Lights

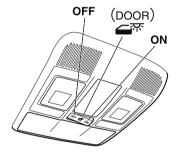
NOTE

Do not leave the lights on for long periods while the engine is turned off. Otherwise the lead-acid battery power could be depleted.

Overhead Lights

Type A

Switch Position	Overhead Lights
OFF	Light off
DOOR	Light is on when any door is open Light is on or off when the illuminated entry system is on
ON	Light on



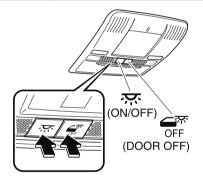
NOTE

The rear map lights also turn on and off when the overhead light switch is operated.

Interior Equipment

Type B

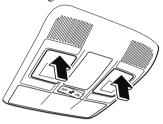
Switch	Overhead Lights
OFF (DOOR OFF)	The DOOR OFF switch can be switched between the DOOR position and DOOR OFF position. DOOR position The lights turn on when any of the
	doors is opened. The lights turn on/off in conjunction with the illuminated entry system.
	DOOR OFF position
	 The lights do not turn on even if any of the doors is opened. The lights do not turn on/off in conjunction with the illuminated entry system.
OFF)	Press the switch to turn it on. Press the switch again to turn off the lights.



Front Map Lights

Type A

When the overhead light switch is in the door or off position, press the lens to illuminate the front map lights, and then press the lens again to turn them off.



NOTE

The front map lights will not turn off even if the lens is pressed in the following cases:

- The overhead light switch is in the ON position.
- The overhead light switch is in the door position with the door open.
- The illuminated entry system is on.

Type B

Press the switch to illuminate the front map lights, and then press the switch again to turn them off.



NOTE

The front map lights will not turn off even if the switch is pressed in the following cases:

- The overhead lights turn on by operating the overhead ON/OFF switch (♥♥).
- The overhead lights turn on in conjunction with a door opening/closing.
- · The illuminated entry system is on.

Rear Map Lights

Type A

When the overhead light switch is in the door or off position, press the lens to illuminate a rear map light, and then press the lens again to turn it off.

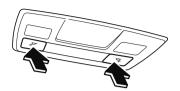


NOTE

- Once the rear map lights have been turned off, they will turn on and off depending on the position to which the overhead light is switched.
- The rear map lights will not turn off even if the lens is pressed in the following cases:
 - · The overhead light switch is ON.
 - The overhead light switch is in the door position with the door open.
 - \cdot The illuminated entry system is on.

Type B

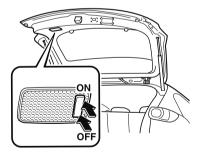
Press the switch to illuminate the rear map lights, and then press the switch again to turn them off.



NOTE

- Once the rear map lights have been turned off, they will turn on and off in conjunction with the overhead light operation.
- The rear map lights will not turn off even if the switch is pressed in the following cases:
 - The overhead lights turn on by operating the overhead ON/OFF switch (☆).
 - The overhead lights turn on in conjunction with a door opening/closing.
 - \cdot The illuminated entry system is on.

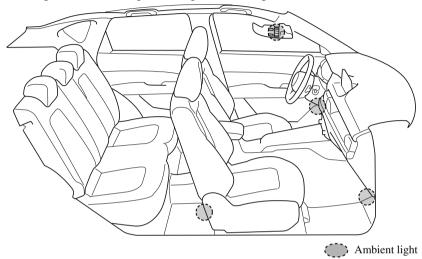
Luggage Compartment Lights



Switch Position	Luggage Compartment Light
OFF	Light off
ON	Light on when the liftgate is open

Ambient Light*

An ambient light continuously turn on when the ignition is switched ON. An ambient light dim when the position lights or headlights are turned on.



NOTE

- · An ambient light turn on or off in conjunction with the illuminated entry system when the ignition is switched OFF.
- The ambient light illumination level can be changed while the position lights or headlights are turned on.

Refer to the Settings section in the Mazda Connect Owner's Manual.

▼ Illuminated Entry System

The overhead lights turn on when any of the following operations is done with the overhead light switch in the DOOR position.

The ambient lights turn on regardless of the overhead light switch position.

- The driver's door is unlocked with the ignition is switched OFF.
- The ignition is switched OFF with all doors closed.

NOTE

- The illumination time differs depending on the operation.
- · Lead-acid battery saver

 If an interior light is left on with the ignition switched OFF, the light turns off automatically after a certain period of time has passed to prevent lead-acid battery depletion.
- The operation of the illuminated entry system can be changed.
 Refer to the Settings section in the Mazda Connect Owner's Manual.

\cdot (Type B)

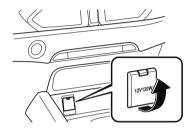
The illumination entry system does not operate in conjunction with the overhead lights when the overhead lights are turned on using the overhead light ON/OFF switch.

Accessory Sockets

Only use genuine Mazda accessories or the equivalent requiring no greater than 120 W (DC 12 V, 10 A).

The ignition must be switched to ACC or ON.

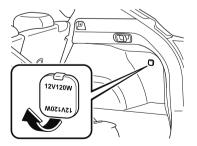
Front



Centre



Rear



A CAUTION

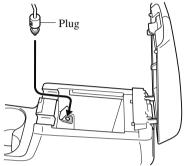
- ➤ To prevent accessory socket damage or electrical failure, pay attention to the following:
 - ➤ Do not use accessories that require more than 120 W (DC 12 V. 10 A).
 - Do not use accessories that are not genuine Mazda accessories or the equivalent.
 - Close the cover when the accessory socket is not in use to prevent foreign objects and liquids from getting into the accessory socket.
 - Correctly insert the plug into the accessory socket.
 - ➤ Do not insert the cigarette lighter into the accessory socket.
- Noise may occur on the audio playback depending on the device connected to the accessory socket.
- ➤ Depending on the device connected to the accessory socket, the vehicle's electrical system may be affected, which could cause the warning light to illuminate. Disconnect the connected device and make sure that the problem is resolved. If the problem is resolved, disconnect the device from the socket and switch the ignition off. If the problem is not resolved, consult an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

To prevent discharging of the lead-acid battery, do not use the socket for long periods with the engine off or idling.

Connecting the accessory socket

- 1. Open the lid.
- 2. Pass the connection plug cord through the cutout of the console and insert the plug into the accessory socket.



USB Power Outlet*

The USB power outlets can be used regardless of whether the ignition is switched to ACC or ON.

Only use USB devices that have a maximum power consumption of 10.5W (DC5V, 2.1A) or below.



A CAUTION

- ➤ To prevent USB power outlets damage or electrical failure, pay attention to the following:
 - ➤ Do not use USB devices that require more than 10.5 W (DC 5 V, 2.1 A).
 - Close the lid when the USB power outlets are not in use to prevent foreign objects and liquids from getting into the USB power outlets.
 - ➤ Correctly connect the USB connector into the USB power outlets.

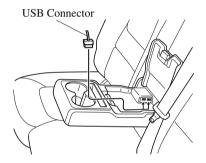
NOTE

 The USB power outlets are designed only for charging and they cannot be used for connecting to the vehicle's audio system. • To prevent discharging of the lead-acid battery, do not use the USB power outlets for long periods with the engine off or idling.

How to connect

The groove in the armrest box can be used to pass the cord of the device into the box to connect it to the USB power outlets.

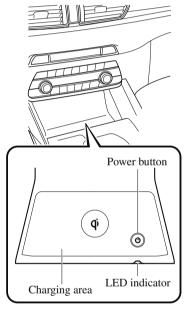
- 1. Open the lid.
- 2. Route the cord through the groove in the armrest box and insert the USB connector into the USB power outlets.



Wireless Charger (Qi)*

You can charge mobile devices such as Smartphones which comply with the Qi Wireless Charging standard.

Only use mobile devices that have a maximum power consumption of 5 W, or 15 W or below. The maximum power consumption differs depending on the mobile device.



MARNING

Radio waves from the Wireless Charger (Qi) may affect the operation of medical devices such as implanted-type cardiac pacemakers or defibrillators.

- ➤ Before using the Wireless Charger (Qi) near people who use medical devices, ask the medical device manufacturer or your physician if radio waves from the Wireless Charger (Qi) will affect the device.
- The Wireless Charger (Qi) can be disabled to prevent it from affecting medical devices. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for details.

Heed the following cautions. Otherwise, the Wireless Charger (Qi) may malfunction or be damaged, which could cause a fire, burns due to heat generation, or an accident such as electrical shock.

- ➤ Do not install, remove, disassemble, or change the wiring of the Wireless Charger (Qi). If the Wireless Charger (Qi) needs to be installed or removed, consult an expert repairer (we recommend an Authorised Mazda Repairer).
- ➤ Do not use the Wireless Charger (Qi) when it is malfunctioning. In addition, if smoke, abnormal noise, or abnormal smell is emitted from the Wireless Charger (Qi), stop the vehicle in a safe place, switch the ignition OFF, and consult an expert repairer (we recommend an Authorised Mazda Repairer).
- ➤ When using the Wireless Charger (Qi) to store items on, turn off the Wireless Charger (Qi).
- ➤ Do not place any metal object between the charging area and the mobile device. Also, do not apply items such as a metallic sticker to the Wireless Charger (Qi).

- When charging, do not place any item other than the mobile device to be charged on the Wireless Charger (Qi). In addition, do not place any metal object, IC card, coin, or magnetic item near the charging area.
- ➤ Remove dust or dirt from the charging area before use.
- Do not apply strong force or impact to the Wireless Charger (Qi) or get it wet.
- ➤ Use only mobile devices which support the Wireless Charger (Qi).

How to use

- 1. Start the engine.
- The power for the Wireless Charger (Qi) turns on and the LED indicator turns on
 - The power can be turned on/off by pressing the power button on the Wireless Charger (Qi) for about 3 seconds.
 - When the power is turned off, the LED indicator turns off.
- 3. Place a device compliant with the Qi Wireless Charging standard in the centre of the charging area on the tray.
 - The LED indicator turns on in amber or green when charging starts.
 - For details on the LED indicator, refer to the following LED indicator table.
 - · Charging starts when all the doors and liftgate are closed.
 - The function to reduce noise on the radio operates if the power button is pressed for about 1 second during charging. Use it when noise occurs on the radio due to interference by

the Wireless Charger (Qi). Press the power button again for about 1 second to cancel the function

LED indicator

The status of the Wireless Charger (Qi) can be checked using the LED indicator.

Status	Illumination/flash pattern
OFF	Does not turn on
Stand-by (charging is possible)	Turns on in white
Normal charging	Turns on in amber
Fast charging*1	Turns on in green
Normal charging (charging efficiency is low)	Flashes in amber
Fast charging*1 (charging efficiency is low)	Flashes in green
Stand-by (charging is not possible)	Flashes in white
Charging is stopped due to high temperature or foreign matter detected	Flashes in red
Charging is stopped due to internal problem or malfunction	Turns on in red

*1 Some mobile devices can switch between normal charging and fast charging.



➤ While a mobile device is placed on the charging area, keep the vehicle key away from the Wireless Charger (Qi). The vehicle key may not be detected due to radio wave interference by the Wireless Charger (Qi).

- Charging may not operate normally under the following conditions:
 - > The mobile device is fully charged.
 - There is foreign matter between the mobile device and the charging area.
 - ➤ The temperature of the mobile device is high.
 - ➤ The mobile device is placed with the charging side facing upward.
 - ➤ The mobile device is placed in a position extremely deviating from the centre of the charging area.
 - ➤ Your vehicle is in an area where strong radio waves or electrical noise occur such as near a television tower, power plant, or airport.
 - The Near Field Communication (NFC) function setting of the mobile device is on (depends on the model of the mobile device).
- Keep the following items away from the charging area. Otherwise the data stored on the mobile device could be erased or the device could malfunction.
 - Magnetic items such as magnets, magnetic cards, and magnetic recording media.
 - High precision devices such as wristwatches.
- Before using the Wireless Charger (Qi), make sure to back up the data stored on the mobile device. The data on the mobile device could be deleted.
- Do not wipe the Wireless Charger (Qi) using oil, alcohol, or thinner, or spray hairspray or insecticide onto it. Otherwise, it could cause damage or cracking.

➤ Do not leave mobile devices in the cabin. The temperature inside the cabin may become very hot, causing the devices to malfunction.

NOTE

- · A mobile device larger than the charging area cannot be charged. In addition, even if the mobile device is in the charging area, the charging efficiency may decrease or charging may not be possible depending on where the mobile device is placed.
- If the function to reduce noise on the radio is used, fast charging may be disabled depending on the mobile device being charged.
- · If the LED indicator is flashing in amber or green, the charging efficiency is low. Check that there is no foreign matter between the mobile device and the charging area, and position the mobile device near the centre of the charging area
- Depending on the mobile device case or accessories used, the mobile device may not charge, or the charging efficiency may be reduced resulting in a longer charging time. If charging does not start even when a mobile device is placed on the charging area, remove the mobile device case or any accessories.
- While the keyless entry is operating, charging may stop temporarily, however, this does not indicate a problem.
- During charging, the Wireless Charger (Qi) and the mobile device become warm, however, this does not indicate a problem.

- · If the mobile device temperature rises during charging, charging may stop due to the protection function of the device. If that happens, wait until the mobile device cools down sufficiently and then recharge it.
- · When using the Wireless Charger (Qi), applications using the Near Field Communication (NFC) function may activate, but this does not indicate a problem with the Wireless Charger (Qi).
- While i-stop is operating, charge amount may be temporarily restricted and charging may be temporarily cancelled, however, this does not indicate a problem.

Trademarks

"Qi" and the Qi symbol are trademarks or registered trademarks of the Wireless Power Consortium (WPC).



Cup Holder

⚠ WARNING

Never use a cup holder to hold hot liquids while the vehicle is moving:

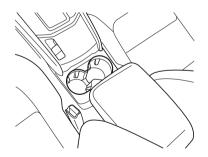
Using a cup holder to hold hot liquids while the vehicle is moving is dangerous. If the contents spill, you could be scalded.

Do not put anything other than cups or drink cans in cup holders:

Putting objects other than cups or drink cans in a cup holder is dangerous.

During sudden braking or manoeuvring, occupants could be hit and injured, or objects could be thrown around the vehicle, causing interference with the driver and the possibility of an accident. Only use a cup holder for cups or drink cans.

▼ Front



▼ Rear*

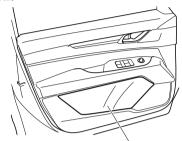
The rear cup holder is on the rear centre armrest.



Bottle Holder

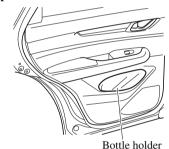
Bottle holders are on the inside of the doors.

Front



Bottle holder

Rear





Do not use the bottle holders for containers without caps. The contents may spill when opening/closing the door or while driving the vehicle.

Storage Compartments

▲ WARNING

Keep storage boxes closed when driving:

Driving with the storage boxes open is dangerous. To reduce the possibility of injury in an accident or a sudden stop, keep the storage boxes closed when driving.

When loading cargo, make sure that it is completely secured:

If the cargo is not completely secured, it may move or collapse while driving or during sudden braking, resulting in injury or an accident.

Do not put articles in storage spaces with no lid:

Putting articles in storage spaces with no lid is dangerous as they could be thrown around the cabin if the vehicle is suddenly accelerated and cause injury depending on how the article is stored.

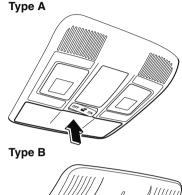


Do not leave lighters or eyeglasses in the storage boxes while parked under the sun. A lighter could explode or the plastic material in eyeglasses could deform and crack from high temperature.

▼ Overhead Console

This console box is designed to store eyeglasses or other accessories. Push and release to open.

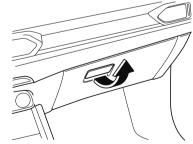
T. ... A





▼ Glove Compartment

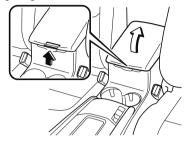
To open the glove compartment, pull the latch toward you.



To close the glove compartment, firmly press in the centre of the glove compartment lid.

▼ Centre Console

To open, pull the release latch.



Storage tray

The storage tray can be removed.



▼ Armrest Box*

To open, push the button and pull up the lid.

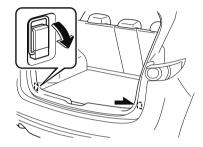


▼ Luggage Compartment

Cargo Securing Loops

Use the cargo securing loops in the luggage compartment to secure cargo with a rope or net. The tensile strength of the loops is 196 N (20 kgf, 44 lbf). Do not apply excessive force to the cargo securing loops as it will damage them.

Trim side

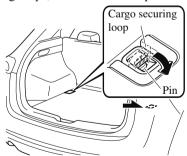


Luggage board side



When not using the cargo securing loops, return them to their original positions. If the cargo securing loops are not returned to their original positions and cargo is placed on the top of them, the cargo securing loops could be deformed or damaged.

When using the cargo securing loops, hook them to the pins.

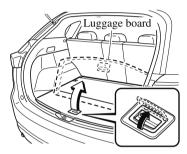


Cargo Sub-Compartment

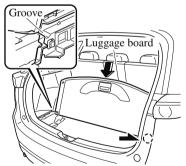
The cargo sub-compartment is located under the luggage board, and it can be used to store small items.

A CAUTION

- ➤ Do not apply excessive force to the luggage board when setting it up. Otherwise, it could deform or damage the luggage board.
- Return the luggage board to its original position before driving the vehicle. If the vehicle is driven with the luggage board set up, it could cause an unexpected accident.
- ➤ When not using the handle, return it to its original position. If the handle is not returned to its original position and cargo is placed, it could contact the handle and the handle could be deformed or damaged.
- 1. Lift up the luggage board.



2. Insert the luggage board into the left and right grooves.



Luggage Board

The height of the floor surface can be adjusted by changing the installation position of the luggage board.

Reversible Luggage Board*

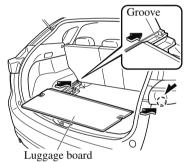
The luggage board can be used with the underside facing up, depending on the intended use. The underside is made of stain-resistant material which is easy to clean.



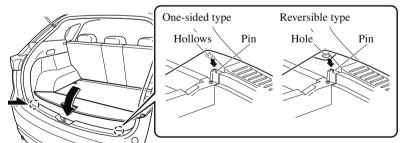
Do not spray large amounts of liquid such as water on the luggage board. If a large amount of water or other liquid is poured or sprayed on the luggage board, the water or other liquid may leak down and wet the luggage under the board.

When using the luggage board in the upper level

1. Place the front luggage board.



2. Insert the left and right hollows or holes of the rear luggage board into the pins.

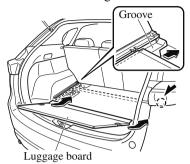


3. Remove in the reverse order of the installation procedure.

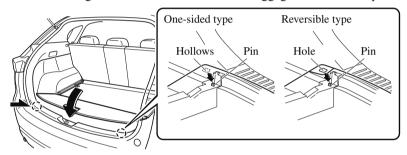
When using the luggage board in the lower level

1. When not using the cargo securing loops, return them to their original positions. Refer to Cargo Securing Loops on page 5-63

2. Slide the front luggage board into the lower grooves and install.



3. Insert the left and right hollows or holes of the rear luggage board into the pins.



4. Remove in the reverse order of the installation procedure.

NOTE

Loading golf bags

(Some golf bags may not fit using the following methods depending on their sizes.) Up to four golf bags can be carried in the luggage compartment.

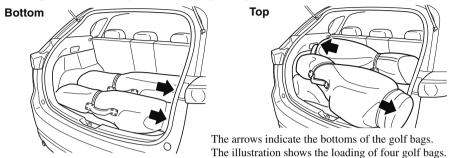
(With luggage compartment cover)

When loading four golf bags, remove the luggage compartment cover and store it in the cargo sub-compartment.

Refer to Luggage Compartment Cover on page 3-26.

For vehicles with a spare tyre, up to three golf bags can be carried in the luggage compartment because there is no space to store the luggage compartment cover. Bottom: Place the first and second golf bags in the luggage compartment with the bottoms pointed to the right.

Top: Place the third golf bag with its bottom pointed to the left and the fourth golf bag with its bottom pointed to the right in the luggage compartment.



▼ Rear Coat Hooks



Never hang heavy or sharp objects on the assist grips and coat hooks:

Hanging heavy or sharp-ended objects such as a coat hanger from the assist grips or coat hooks is dangerous as they can fly off and hit an occupant in the cabin if a curtain air bag was to deploy, which could result in serious injury or death.

Always hang clothes on the coat hooks and the assist grips without hangers.

Coat hook

6

Maintenance and Care

How to keep your Mazda in top condition.

Essential Information	6-2
Introduction	6-2
Scheduled Maintenance	6-3
Scheduled Maintenance	6-3
Maintenance Table	6-4
Owner Maintenance	6-18
0 16 1	
Owner Maintenance	
Owner Maintenance Precautions	. 6-18
Precautions	
Precautions Bonnet	6-20
Precautions Bonnet Engine Compartment	6-20 . 6-22

	Drake Fluid	. 0-31
	Window and Headlight Washer	
	Fluid	6-32
	Body Lubrication	.6-33
	Wiper Blades	. 6-33
	Lead-acid Battery	. 6-38
	Key Battery Replacement	.6-41
	Tyres	. 6-41
	Light Bulbs	. 6-45
	Fuses	. 6-49
p	pearance Care	.6-56
	Exterior Care	. 6-56
	Interior Care	6-62

Essential Information

Introduction

Be careful not to hurt yourself when inspecting your vehicle, replacing a tyre, or doing some kind of maintenance such as car washing.

In particular, wear thick work gloves such as cotton gloves when touching areas that are difficult to see while inspecting or working on your vehicle. Doing inspections or procedures with your bare hands could cause injury.

If you are unsure about any procedure this manual describes, we strongly urge you to have a reliable and qualified technician perform the work, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Authorised Mazda technicians and genuine Mazda parts are dedicated to your vehicle. Without this expertise and the parts that have been designed and made especially for your Mazda, inadequate, incomplete, and insufficient servicing may result in problems. This could lead to vehicle damage or an accident and injuries.

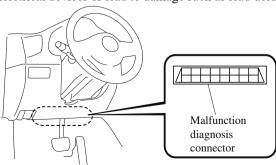
For expert advice and quality service, consult an expert repairer (we recommend an Authorised Mazda Repairer).

The owner should retain evidence that proper maintenance has been performed as prescribed.

A claim against a warranty will not qualify if it results from lack of maintenance and not from defective material or authorised workmanship.

The malfunction diagnosis connector is designed exclusively for connecting the specially designed device to perform on-board diagnosis.

Do not connect any devices other than the specially designed malfunction diagnosis devices for servicing. If any device other than the malfunction diagnosis device is connected, it may affect the vehicle's electrical devices or lead to damage such as lead-acid battery depletion.



NOTE

After the prescribed period, continue to follow the described maintenance at the recommended intervals.

Emission control and related systems

The ignition and fuel systems are highly important to the emission control system and to efficient engine operation. Do not tamper with them.

All inspections and adjustments must be made by an expert repairer (we recommend an Authorised Mazda Repairer).

Maintenance Table

Each maintenance table is based on the environmental conditions for each country and region.

Perform the appropriate maintenance according to the maintenance table for your country or region.

For the maintenance table that applies to your country or region, refer to the following guide.

▼ Country/Region Maintenance Table Guide

Country/Region	Mainte- nance Ta- ble	Country/Region	Mainte- nance Ta- ble	Country/Region	Mainte- nance Ta- ble
ALBANIA	1	ALGERIA	4	ANDORRA	1
ANGOLA	4	ANTIGUA	4	ARMENIA	2
ARUBA	4	AUSTRIA	1	AZERBAIJAN	2
B.VIRGIN	4	BAHRAIN	4	BARBADOS	4
BELARUS	2	BELGIUM	1	BERMUDA	4
BOLIVIA	4	BOSNIA AND HER- ZEGOVINA	1	BOTSWANA	4
BRUNEI	4	BULGARIA	1	BURUNDI	4
CAMBODIA	4	CAMEROON	4	CANARY ISLANDS	4
CHILE*1	4 or 5	COLOMBIA*3	4 or 6	COMMONWEALTH OF DOMINICA	4
COSTA RICA	4	CROATIA	1	CURACAO	4
CYPRUS*2	1 or 4	CZECH	1	DENMARK	1
DOMINICAN RE- PUBLIC (LHD)	4	ECUADOR	4	EGYPT	4
EL SALVADOR	4	ESTONIA	1	ETHIOPIA	4
F.GUIANA	4	FAEROE	4	FIJI	4
FINLAND	1	FRANCE	1	GABON	4
GEORGIA	4	GERMANY	1	GHANA	4
GREECE	1	GRENADA	4	GUADELOUPE	4
GUATEMALA	4	HAITI	4	HONDURAS	4
HONG KONG	4	HUNGARY	1	ICELAND	1
INDONESIA	4	IRAN	4	IRAQ	4
IRELAND	1	ISRAEL	3	ITALY	1
IVORY COAST	4	JAMAICA	4	JORDAN	4
KAZAKHSTAN	ZAKHSTAN 2 KENYA		4	KUWAIT	4
LAOS	4	LATVIA	1	LEBANON	4

Country/Region	Mainte- nance Ta- ble	Country/Region	Mainte- nance Ta- ble	Country/Region	Mainte- nance Ta- ble			
LESOTHO	4	LIBYA	4	LIECHTENSTEIN	1			
LITHUANIA	1	LUXEMBOURG	1	MACAU	4			
MACEDONIA	1	MADAGASCAR	4	MALAYSIA*3	4 or 6			
MALTA*2	1 or 4	MARSHALL IS- LANDS	4	MARTINIQUE	4			
MAURITIUS	4	MOLDOVA	1	MONACO	1			
MONGOLIA	4	MONTENEGRO	1	MOROCCO	4			
MOZAMBIQUE	4	MYANMAR	4	NAMIBIA	4			
NEPAL	4	NEW CALEDONIA	4	NICARAGUA	4			
NIGERIA	4	NORWAY	1	OMAN	4			
PANAMA	4	PAPUA NEW GUIN- EA	4	4 PARAGUAY				
PERU	4	POLAND	1	PORTUGAL	1			
QATAR	4	REUNION	4	ROMANIA	1			
RUSSIA	2	SAN MARINO	1	SAUDI ARABIA*1	4 or 5			
SENEGAL	4	SERBIA	1	SEYCHELLES	4			
SINGAPORE*3	4 or 6	SLOVAKIA	1	SLOVENIA	1			
SOUTH AFRICA	4	SPAIN	1	SRI LANKA	4			
ST.LUCIA	4	ST.MARTIN	4	ST.VINCENT	4			
SURINAM	4	SWAZILAND	4	SWEDEN	1			
SWITZERLAND	1	SYRIA	4	TAHITI	4			
TAIWAN	4	TANZANIA	4	THAILAND	4			
THE NETHER- LANDS	1	THE PHILIPPINES	4	TRINIDAD AND TO- BAGO	4			
TUNISIA	4	TURKEY	4	UAE	4			
UK	1	UKRAINE	1	URUGUAY	4			
USTT	4	VANUATU	4	VATICAN	1			
VIETNAM	4	ZIMBABWE	4	Country/Region, not listed in the chart	4			

^{*1} Table 4: Diesel engine and SKYACTIV-G 2.5T, Table 5: Petrol engine except SKYACTIV-G 2.5T

^{*2} Table 1: Petrol engine and e-SKYACTIV EV, Table 4: Diesel engine

^{*3} Table 4: Except e-SKYACTIV EV, Table 6: e-SKYACTIV EV

▼ Table 1

My Mazda Service

My Mazda Service is the maintenance monitoring feature that alerts you of maintenance needs by turning on the wrench indicator light and/or displaying a specific message in the instrument panel.

In any case, every maintenance must be done within 15,000 km or 12 months at the latest after the previous maintenance, whichever of the three events (15,000 km, 12 months or display/wrench indication) occurs first.

Maintenance		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
Spark plugs*1				Repl	ace e	very 1	20,00	00 km	(75,0	000 m	iles).		
Air filter*2				R			R			R			R
Fuel lines and hoses			I		I		I		I		I		I
Evaporative system (if equipped	l)			I			I			I			I
Engine oil & filter*3*4		R	R	R	R	R	R	R	R	R	R	R	R
Fuel filter	Cyprus/ Malta			Rep	lace e	very	60,00	0 km	(37,5	00 mi	les).		
Drive belts*5				I			I			I			I
Cooling system			I		I		I		I		I		I
Engine coolant*6			Replace at first 200,000 km (125,000 miles) or 10 years; at that, every 100,000 km (62,500 miles) or 5 years.									fter	
Battery* ⁷			I	I	I	I	I	I	I	I	I	I	I
Brake lines, hoses and connections			I	I	I	I	I	I	Ι	I	I	I	I
Brake fluid*8			R		R		R		R		R		R
Parking brake		I	I	I	I	I	I	I	I	I	I	I	I
Disc brakes		I	I	I	I	I	I	I	I	I	I	I	I
	Except below		I		I		I		I		I		I
Steering operation and linkages	Cyprus/ Malta	I	I	I	I	I	I	I	I	I	I	I	I
Manual transaxle oil				Repla	ice ev	ery 1	80,00	0 km	(112,	500 n	niles).		
Front and rear suspension, ball j wheel bearing axial play	oints and		I		I		I		I		I		I
Driveshaft dust boots			I		I		I		I		I		I
Exhaust system and heat shields	1		Insp	ect e	very 8	80,00	0 km	(50,0	00 mi	les) o	r 5 ye	ars.	
Bolts and nuts on chassis and bo	ody		T		T		Т		T		T		T
ody condition (for rust, corrosion and perfo- tion)						Ins	pect a	annua	lly.				
Cabin air filter (if equipped)			R		R		R		R		R		R

Maintenance			2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
Tyres (including spare tyre) (with inflation pressure adjustment)*9		I	I	I	I	I	I	I	I	I	I	I	I
Emergency flat tyre repair kit (if equipped)*10			I	I	I	I	I	I	I	I	I	I	I
Self-test with Mazda Modular Diagnostic System (M-MDS)*11*12 SKYACTIV-G	Ukraine	I	I	I	I	I	I	I	I	I	I	I	I

Chart symbols:

I: Inspect: Inspect and clean, repair, adjust, fill up, or replace if necessary.

R: Replace

L: Lubricate

C: Clean

T: Tighten

D: Drain

Remarks:

- *1 In the countries below, inspect the spark plugs at every 10,000 km (6,250 miles) or 12 months before replacing them at the said interval.
 - Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Latvia, Macedonia, Moldova, Montenegro, Romania, Serbia, Slovakia, Ukraine
- *2 If the vehicle is operated in very dusty or sandy areas, clean and if necessary, replace the air filter more often than the recommended intervals.
- *3 Flexible setting is factory preset for some countries in Europe. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for details. Flexible setting can be set if the vehicle is operated mainly where none of the following conditions apply.
 - a) Purpose of vehicle use is police car, taxi or driving school car.
 - b) Driving in dusty conditions
 - c) Extended periods of idling or low speed operation

Once the flexible maintenance is selected, the vehicle calculates the remaining oil life based on engine operating conditions and lets you know when an oil change is due by illuminating the wrench indicator light in the instrument cluster.

Reset the engine oil data whenever replacing the engine oil regardless of the message/wrench indicator light display.

- *4 If the vehicle is operated primarily under any of the following conditions, replace the engine oil and oil filter at every 10,000 km (6,250 miles) or shorter.
 - a) Purpose of vehicle use is police car, taxi or driving school car.
 - b) Driving in dusty conditions
 - c) Extended periods of idling or low speed operation
 - d) Driving for long periods in cold temperatures or driving regularly at short distance only
 - e) Driving in extremely hot conditions
 - f) Driving in mountainous conditions continually
- *5 Also inspect the air conditioner drive belts, if equipped.

If the vehicle is operated primarily under any of the following conditions, inspect the drive belts at every 20,000 km (12,500 miles) or 12 months.

- a) Driving in dusty conditions
- b) Extended periods of idling or low speed operation
- c) Driving for long periods in cold temperatures or driving regularly at short distance only
- d) Driving in extremely hot conditions

- e) Driving in mountainous conditions continually
- f) Driving for long periods in extremely wet or heavy rain conditions
- *6 Use of FL-22 is recommended when replacing engine coolant. Using engine coolant other than FL-22 may cause serious damage to the engine and cooling system.
- *7 Inspect the battery electrolyte level and outer appearance. The sealed battery only requires an outer appearance inspection.
- *8 If the brakes are used extensively (for example, continuous hard driving or mountain driving) or if the vehicle is operated in extremely humid climates, replace the brake fluid annually.
- *9 Tyre rotation is recommended every 10,000 km (6,250 miles).
- *10 Check the tyre repair fluid expiration date every year when performing the periodic maintenance. Replace the tyre repair fluid bottle with new one before the expiration date.
- *11 If DTC P1200 is stored, clean the fuel system by using Mazda genuine deposit cleaner. If the required tool (M-MDS) is not available, clean the fuel system by using Mazda genuine deposit cleaner without performing self-test. Using non-genuine deposit cleaner could cause internal damage to the fuel system.
- *12 If the vehicle is operated primarily under any of the following conditions, perform "Self-test with Mazda Modular Diagnostic System (M-MDS)" at every 10,000 km (6,250 miles).
 - a) The vehicle is idled for long periods or driven at low speeds, such as with police cars, taxis, or driver's education school car.
 - b) Driving under extremely high temperature conditions.

▼ Table 2

	Num	ber of	f mon	ths o	r kilo	meti	es, w	hiche	ever o	comes	first			
Maintenance Interval	Months	12	24	36	48	60	72	84	96	108	120	132	144	
	×1000 km	15	30	45	60	75	90	105	120	135	150	165	180	
Drive belts*1		I	I	I	I	I	I	I	I	I	I	I	I	
	Flexible*2	Re	place	when	indi		is ON 15,00			erval:	12 m	onth	s or	
Engine oil & filter	Other than flexible*3	R	R	R	R	R	R	R	R	R	R	R	R	
	Azerbaijan/ Armenia*4			Rep	lace o	every	10,00	00 km	or 1	2 moi	nths.			
Cooling system			I		I		I		I		I		I	
Engine coolant*5		R	eplac	e at f			0 km 0 km				r that	, eve	ry	
Air filter*6	Russia/ Belarus/ Kazakhstan	С	С	R	С	С	R	С	С	R	С	С	R	
	Azerbaijan/ Armenia	С	R	С	R	С	R	С	R	С	R	С	R	
Fuel filter	Russia/ Belarus/ Kazakhstan	Replace every 120,000 km.												
uel filter	Azerbaijan/ Armenia	Replace every 60,000 km.												
Fuel lines and hoses			I		I		I		I		I		I	
Spark plugs		I	I	I	I	I	I	I	R	I	I	I	I	
Evaporative system (if equippe	ed)				I				I				I	
Battery*7		I	I	I	I	I	I	I	I	I	I	I	I	
Brake lines, hoses and connect	tions	I	I	I	I	I	I	I	I	I	I	I	I	
Brake fluid*8			R		R		R		R		R		R	
Parking brake		I	I	I	I	I	I	I	I	I	I	I	I	
Disc brakes		I	I	I	I	I	I	I	I	I	I	I	I	
Steering operation and linkage	s	I	I	I	I	I	I	I	I	I	I	I	I	
Manual transaxle oil						R					R			
ront and rear suspension, ball joints and wheel earing axial play		I	I	I	I	I	I	I	I	I	I	I	I	
riveshaft dust boots		I	I	I	I	I	I	I	I	I	I	I	I	
xhaust system and heat shields		I	I	I	I	I	I	I	I	I	I	I	I	
olts and nuts on chassis and body		Т	T	T	Т	Т	T	Т	Т	T	Т	T	T	
inges and catches		L	L	L	L	L	L	L	L	L	L	L	L	

	Numl	er of	mon	ths o	r kilo	metr	es, w	hiche	ever o	come	s first		
Maintenance Interval	Months	12	24	36	48	60	72	84	96	108	120	132	144
	×1000 km	15	30	45	60	75	90	105	120	135	150	165	180
All electrical system			I	I	I	I	I	I	I	I	I	I	I
Body condition (for rust, corrosion and perforation)		Inspect annually.											
Cabin air filter (if equipped)			R		R		R		R		R		R
Tyres (including spare tyre) (with inflation pressure adjustment)*9			I I I I I I I I I I I I I I I									I	
Emergency flat tyre repair kit (if equipped)*10		Inspect annually.											

Chart symbols:

I: Inspect: Inspect and clean, repair, adjust, fill up, or replace if necessary.

R: Replace

L: Lubricate

C: Clean

T: Tighten

D: Drain

Remarks:

*1 Also inspect the air conditioner drive belts, if equipped.

If the vehicle is operated primarily under any of the following conditions, inspect the drive belts at every 7,500 km or 6 months.

- a) Driving in dusty conditions
- b) Extended periods of idling or low speed operation
- c) Driving for long periods in cold temperatures or driving regularly at short distance only
- d) Driving in extremely hot conditions
- e) Driving in mountainous conditions continually
- f) Driving for long periods in extremely wet or heavy rain conditions
- *2 Flexible setting can be set if the vehicle is operated mainly where none of the following conditions apply.
 - a) Purpose of vehicle use is police car, taxi or driving school car.
 - b) Driving in dusty conditions
 - c) Extended periods of idling or low speed operation

The vehicle calculates the remaining oil life based on engine operating conditions and lets you know when an oil change is due by illuminating the wrench indicator light in the instrument cluster.

Replace the engine oil and filter when message/wrench indicator light is ON. And they must be changed at least once a year or within 15,000 km since last engine oil and filter change.

The system must be reset whenever replacing the engine oil regardless of the message/wrench indicator light display.

- *3 If the vehicle is operated primarily under any of the following conditions, replace the engine oil and oil filter at every 7,500 km or 6 months.
 - a) Purpose of vehicle use is police car, taxi or driving school car.
 - b) Driving in dusty conditions
 - c) Extended periods of idling or low speed operation
 - d) Driving for long periods in cold temperatures or driving regularly at short distance only
 - e) Driving in extremely hot conditions
 - f) Driving in mountainous conditions continually

- *4 If the vehicle is operated primarily under any of the following conditions, replace the engine oil and oil filter at every 5,000 km or 6 months.
 - a) Purpose of vehicle use is police car, taxi or driving school car.
 - b) Driving in dusty conditions
 - c) Extended periods of idling or low speed operation
 - d) Driving for long periods in cold temperatures or driving regularly at short distance only
 - e) Driving in extremely hot conditions
 - f) Driving in mountainous conditions continually
- *5 Use of FL-22 is recommended when replacing engine coolant. Using engine coolant other than FL-22 may cause serious damage to the engine and cooling system.
- *6 If the vehicle is operated in very dusty or sandy areas, clean the air filter at every 7,500 km or 6 months.
- *7 Inspect the battery electrolyte level and outer appearance. The sealed battery only requires an outer appearance inspection.
- *8 If the brakes are used extensively (for example, continuous hard driving or mountain driving) or if the vehicle is operated in extremely humid climates, replace the brake fluid annually.
- *9 Tyre rotation is recommended every 10,000 km.
- *10 Check the tyre repair fluid expiration date every year when performing the periodic maintenance. Replace the tyre repair fluid bottle with new one before the expiration date.

▼ Table 4

	Numb	er o	f mo	nths	or l	kilor	netr	es (n	niles), w	hich	ever	con	ies fi	irst.		
Maintenance Interval	Months	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
Maintenance Interval	×1000 km	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
	×1000 miles	6.25	12.5	18.75	25	31.25	37.5	43.75	50	56.25	62.5	68.75	75	81.25	87.5	93.75	100
SKYACTIV-G 2.0, SKY	ACTIV-G 2.5 A	ND	SKY	AC'	TIV-	-G 2	.5T										
Spark plugs*1	Except SKY- ACTIV-G 2.5T	ACTIV-G Replace every 120,000 km (75,000 miles). 2.5T SKYACTIV-G Replace every 60,000 km (37,500 miles)															
	SKYACTIV-G 2.5T	Replace every 60,000 km (37,500 miles).															
	Except below countries	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Engine oil*2*3	Georgia/ Cambodia/ Gabon/ Ghana/ Cameroon/ Burundi/ Mozambique/ Mongolia/ Tanzania/ Paraguay	Replace every 5,000 km (3,125 miles) or 6 months.															

	Number of months or kilometres (miles), whichever comes first.																
M-:	Months	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
Maintenance Interval	×1000 km	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
	×1000 miles	6.25	12.5	18.75	25	31.25	37.5	43.75	50	56.25	62.5	68.75	75	81.25	87.5	93.75	100
	Except below countries	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
	Georgia/ Cambodia			Re	plac	e ev	ery 1	0,00	0 kn	n (6,	250 1	mile	s) or	1 ye	ar.		
Engine oil filter*2	Gabon/ Ghana/ Cameroon/ Burundi/ Mozambique/ Mongolia/ Tanzania/ Paraguay			Rep	olace	eve	ry 5,	000	km (3,12	5 mi	les)	or 6	mon	ths.		
Fuel filter	Except Taiwan				Re	place	e eve	ery 6	0,00	0 km	ı (37	,500	mile	es).			
ruel inter	Taiwan				Re	place	e eve	ery 8	0,00	0 km	(50	,000	mile	es).			
Evaporative system (if eq	uipped)		I		I		I		I		I		I		I		I
SKYACTIV-D 2.2																	
F::1*2*3	Except below countries	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Engine oil*2*3	The Philip- pines	Replace every 5,000 km (3,125 miles) or 6 months.															
E*1 E1*2	Except below countries	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Engine oil filter*2	The Philip- pines			Re	plac	e ev	ery 1	0,00	0 kn	n (6,	250 1	mile	s) or	1 ye	ar.		
	Except below countries				R				R				R				R
Fuel filter	Thailand			R			R			R			R			R	
i del inter	Malaysia/ The Philip- pines		R		R		R		R		R		R		R		R
SKYACTIV-G 2.0, SKY	ACTIV-G 2.5, S	SKY	ACT	IV-0	G 2.5	5T A	ND	SKY	AC	TIV	-D 2	.2					
Drive belts*4		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Cooling system			I		I		I		I		I		I		I		I
Engine coolant*5		Re	plac					km (0 km								er th	at,
Air filter*6	Except below countries		С		С		R		С		С		R		С		С
	Georgia		С		R		С		R		С		R		С		R

	Numb	er o	f mo	nths	or	kilor	netr	es (n	niles), wl	hich	ever	con	es fi	irst.		
Maintenance Interval	Months	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
	×1000 km	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
	×1000 miles	6.25	12.5	18.75	25	31.25	37.5	43.75	50	56.25	62.5	68.75	75	81.25	87.5	93.75	100
Fuel lines and hoses			I		I		I		I		I		I		I		I
Battery* ⁷			I		I		I		I		I		I		I		I
Brake lines, hoses and con	nnections		I		I		I		I		I		I		Ι		Ι
Brake fluid*8		I	I	I	R	I	I	I	R	I	I	I	R	I	I	I	R
Parking brake		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Power brake unit (Brake booster) and hoses			Ι		Ι		I		I		Ι		I		Ι		Ι
Disc brakes		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Steering operation and linkages			I		I		I		I		I		I		I		I
Manual transaxle oil											R						
Front and rear suspension, ball joints and wheel bearing axial play			I		Ι		I		I		I		I		I		I
Driveshaft dust boots					I				I				I				I
Exhaust system and heat s	shields	Inspect every 80,000 km (50,000 miles).															
Bolts and nuts on chassis	and body		Т		T		T		T		T		T		T		T
Body condition (for rust, corrosion and perforation)		Inspect annually.															
Cabin air filter (if equipped)			R		R		R		R		R		R		R		R
Tyres (including spare tyre) (with inflation pressure adjustment)		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Tyre rotation		Rotate every 10,000 km (6,250 miles).															
Emergency flat tyre repair kit (if equipped)*9		Inspect annually.															
Self-test with Mazda Modular Diagnostic Sys- tem (M-MDS)*10*11*12 SKYACTIV-G	Except Thai- land	I	I	I	I	I	I	I	I	I	Ι	I	I	I	I	Ι	I
Fuel system clean.*13*14 SKYACTIV-G	Thailand	С	С	С	С	С	С	С	С	С	С	С	С	С	С	С	С

Chart symbols:

I: Inspect: Inspect and clean, repair, adjust, fill up, or replace if necessary.

R: Replace

L: Lubricate

C: Clean

T: Tighten

D: Drain

Remarks:

- *1 In the countries below, inspect the spark plugs at every 10,000 km (6,250 miles) or 1 year before replacing them at the said interval.
 - Algeria, Angola, Bahrain, Bolivia, Burundi, B.Virgin, Cambodia, Cameroon, Chile, Costa Rica, Curacao, El Salvador, Ethiopia, Gabon, Georgia, Ghana, Guatemala, Haiti, Honduras, Hong Kong, Iran, Ivory Coast, Jordan, Kenya, Macau, Madagascar, Malaysia, Mongolia, Mozambique, Myanmar, Nigeria, Nicaragua, Oman, Panama, Papua New Guinea, Paraguay, Peru, Senegal, Seychelles, Syria, Tanzania, The Philippines, UAE, Vietnam, Zaire, Zimbabwe
- *2 If the vehicle is operated primarily under any of the following conditions, replace the engine oil and oil filter more often than the recommended intervals.
 - a) Purpose of vehicle use is police car, taxi or driving school car.
 - b) Driving in dusty conditions
 - c) Extended periods of idling or low speed operation
 - d) Driving for long periods in cold temperatures or driving regularly at short distance only
 - e) Driving in extremely hot conditions
 - f) Driving in mountainous conditions continually
- *3 For SKYACTIV-D 2.2 and SKYACTIV-G 2.5T, reset the engine oil data whenever replacing the engine oil regardless of the message/wrench indicator light display.
- *4 Also inspect the air conditioner drive belts, if equipped.
 - If the vehicle is operated primarily under any of the following conditions, inspect the drive belts more often than the recommended intervals.
 - a) Driving in dusty conditions
 - b) Extended periods of idling or low speed operation
 - c) Driving for long periods in cold temperatures or driving regularly at short distance only
 - d) Driving in extremely hot conditions
 - e) Driving in mountainous conditions continually
 - f) Driving for long periods in extremely wet or heavy rain conditions
- *5 Use of FL-22 is recommended when replacing engine coolant. Using engine coolant other than FL-22 may cause serious damage to the engine and cooling system.
- *6 If the vehicle is operated in very dusty or sandy areas, clean and if necessary, replace the air filter more often than the recommended intervals.
- *7 Inspect the battery electrolyte level and outer appearance. If the vehicle is operated in extremely hot and cold areas, inspect the battery electrolyte level and appearance every 10,000 km (6,250 miles) or 6 months. The sealed battery only requires an outer appearance inspection.
- *8 If the brakes are used extensively (for example, continuous hard driving or mountain driving) or if the vehicle is operated in extremely humid climates, replace the brake fluid annually.
- *9 Check the tyre repair fluid expiration date every year when performing the periodic maintenance. Replace the tyre repair fluid bottle with new one before the expiration date.
- *10 If DTC P1200 is stored, clean the fuel system by using Mazda genuine deposit cleaner.
 - If the required tool (M-MDS) is not available, clean the fuel system by using Mazda genuine deposit cleaner without performing self-test.
 - Using non-genuine deposit cleaner could cause internal damage to the fuel system.
- *11 If the vehicle is driven primarily under any of the following conditions, perform "Mazda Modular Diagnostic System (M-MDS)" at every 5,000 km.
 - a) The vehicle is idled for long periods or driven at low speeds, such as with police cars, taxis, or driver's education school car.
 - b) Driving under extremely high temperature conditions.
- *12 Applicable countries are as follows:
 - SKYACTIV-G: Algeria, Angola, Antigua, Aruba, Bahrain, Barbados, Bermuda, Bolivia, Botswana, Brunei, Burundi, Cambodia, Cameroon, Colombia, Common Wealth of Dominica, Curacao, Ecuador, El Salvador, Ethiopia, Gabon, Ghana, Grenada, Haiti, Honduras, Indonesia, Iran, Iraq, Ivory Coast, Jordan, Kenya, Kuwait,

Laos, Lesotho, Libya, Macau, Madagascar, Malaysia, Marshall islands, Mongolia, Morocco, Myanmar, Namibia, Nicaragua, Nigeria, Oman, Paraguay, Peru, Qatar, Senegal, Seychelles, South Africa, Sri Lanka, St. Lucia, St. Martin, St. Vincent, Swaziland, Syria, Tanzania, The Philippines, Trinidad and Tobago, Tunisia, USTT, Vanuatu, Vietnam, Zimbabwe

- *13 Use Mazda genuine deposit cleaner. Using non-genuine deposit cleaner could cause an internal damage to the fuel system.
- *14 If the vehicle is operated primarily under any of the following conditions, clean the fuel system at every 5,000 km (3,125 miles).
 - a) Purpose of vehicle use is police car, taxi or driving school car.
 - b) Extended periods of idling or low speed operation
 - c) Driving in extremely hot conditions

▼ Table 5

	Nu	ımbe	mber of months or kilometres (miles), whichever comes first.														
Maintenance Inter-	Months	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
val	×1000 km	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
	×1000 miles	6.25	12.5	18.75	25	31.25	37.5	43.75	50	56.25	62.5	68.75	75	81.25	87.5	93.75	100
Spark plugs*1		Replace every 120,000 km (75,000 miles).															
Engine oil & Engine oil filter*2		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Fuel filter		Replace every 60,000 km (37,500 miles).															
Evaporative system (i	if equipped)	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Drive belts*3		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Cooling system		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Engine coolant*4		Replace at first 200,000 km (125,000 miles) or 10 years; after that, every 100,000 km (62,500 miles) or 5 years.															ery
_		-			_			<u> </u>	<u> </u>		 			_	-	-	
Air filter*5		C	C	R	C	C	R	C	C	R	C	C	R	C	C	R	C
Fuel lines and hoses		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Battery*6		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Brake lines, hoses and connections		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Brake fluid*7		I	R	I	R	I	R	I	R	I	R	I	R	I	R	I	R
Parking brake		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Power brake unit (Brake booster) and hoses		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Disc brakes		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Steering operation and linkages		Ι	Ι	I	I	I	I	I	I	I	I	Ι	I	I	I	I	I
Manual transaxle oil						R					R					R	
Front and rear suspension, ball joints and wheel bearing axial play		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Driveshaft dust boots			I		I		I		I		I		I		I		I
Exhaust system and heat shields					I	nspe	ct ev	ery 8	0,000) km	(50,0	000 r	niles).			
Bolts and nuts on chassis and body		Т	T	Т	T	Т	Т	T	T	Т	T	T	T	T	Т	T	T

	Nu	ımbe	r of	mon	ths o	r kil	omet	res (mile	s), w	hich	ever	com	es fir	st.		
Maintenance Inter- val	Months	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
	×1000 km	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
	×1000 miles	6.25	12.5	18.75	25	31.25	37.5	43.75	50	56.25	62.5	68.75	75	81.25	87.5	93.75	100
Body condition (for rust, corrosion and perforation)		Inspect annually.															
Cabin air filter (if equipped)		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Tyres (including spare tyre) (with inflation pressure adjustment)		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Tyre rotation		Rotate every 10,000 km (6,250 miles).															
Emergency flat tyre repair kit (if equipped)*8		Inspect annually.															

Chart symbols:

I: Inspect: Inspect and clean, repair, adjust, fill up, or replace if necessary.

R: Replace

L: Lubricate

C: Clean

T: Tighten

D: Drain

Remarks:

- For Chile, inspect the spark plugs at every 10,000 km (6,250 miles) or 1 year before replacing them at the said interval.
- 2 If the vehicle is operated primarily under any of the following conditions, replace the engine oil and oil filter more often than the recommended intervals.
 - a) Purpose of vehicle use is police car, taxi or driving school car.
 - b) Driving in dusty conditions
 - c) Extended periods of idling or low speed operation
 - d) Driving for long periods in cold temperatures or driving regularly at short distance only
 - e) Driving in extremely hot conditions
 - f) Driving in mountainous conditions continually
- *3 Also inspect the air conditioner drive belts, if equipped.

If the vehicle is operated primarily under any of the following conditions, inspect the drive belts more often than the recommended intervals.

- a) Driving in dusty conditions
- b) Extended periods of idling or low speed operation
- c) Driving for long periods in cold temperatures or driving regularly at short distance only
- d) Driving in extremely hot conditions
- e) Driving in mountainous conditions continually
- f) Driving for long periods in extremely wet or heavy rain conditions
- *4 Use of FL-22 is recommended when replacing engine coolant. Using engine coolant other than FL-22 may cause serious damage to the engine and cooling system.
- *5 If the vehicle is operated in very dusty or sandy areas, clean and if necessary, replace the air filter more often than the recommended intervals.
- *6 Inspect the battery electrolyte level and outer appearance. If the vehicle is operated in extremely hot and cold areas, inspect the battery electrolyte level and appearance every 10,000 km (6,250 miles) or 6 months. The sealed battery only requires an outer appearance inspection.

- *7 If the brakes are used extensively (for example, continuous hard driving or mountain driving) or if the vehicle is operated in extremely humid climates, replace the brake fluid annually.
- *8 Check the tyre repair fluid expiration date every year when performing the periodic maintenance. Replace the tyre repair fluid bottle with new one before the expiration date.

Owner Maintenance

Owner Maintenance Precautions

Routine Service

We highly recommend that these items be inspected before driving.

- · Engine Oil Level (page 6-28)
- · Engine Coolant Level (page 6-29)
- · Brake Fluid Level (page 6-31)
- · Washer Fluid Level (page 6-32)
- · Lead-acid Battery Maintenance (page 6-40)
- · Tyre Inflation Pressure (page 6-41)

Improper or incomplete service may result in problems. This section gives instructions only for items that are easy to perform.

As explained in the Introduction (page 6-2), several procedures can be done only by a qualified service technician with special tools.

Improper do-it yourself maintenance during the warranty period may affect warranty coverage. For details, read the separate Mazda Warranty statement provided with the vehicle. If you are unsure about any servicing or maintenance procedure, have it done by an expert repairer (we recommend an Authorised Mazda Repairer).

There are strict environmental laws regarding the disposal of waste oil and fluids. Please dispose of your waste properly and with due regard to the environment.

Entrust the oil and fluid changes of your vehicle to an expert repairer (we recommend an Authorised Mazda Repairer).

⚠ WARNING

Do not perform maintenance work if you lack sufficient knowledge and experience or the proper tools and equipment to do the work. Have maintenance work done by a qualified technician:

Performing maintenance work on a vehicle is dangerous if not done properly. You can be seriously injured while performing some maintenance procedures.

If you must run the engine while working under the bonnet, make certain that you remove all jewellery (especially rings, bracelets, watches, and necklaces) and all neckties, scarves, and similar loose clothing before getting near the engine or cooling fan which may turn on unexpectedly:

Working under the bonnet with the engine running is dangerous. It becomes even more dangerous when you wear jewellery, loose clothing or have long hair or a long beard. Either can become entangled in moving parts and result in injury.

E Pull over to a safe location, then switch the ignition off and make sure the fan is not running before attempting to work near the cooling fan:

Working near the cooling fan when it is running is dangerous. The fan could continue running indefinitely even if the engine has stopped and the engine compartment temperature is high. You could be hit by the fan and seriously injured.

Do not leave items in the engine compartment:

After you have finished checking or doing servicing in the engine compartment, do not forget and leave items such as tools or rags in the engine compartment.

Tools or other items left in the engine compartment could cause engine damage or a fire leading to an unexpected accident.

Bonnet

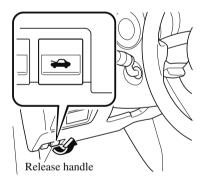
MARNING

Always check that the bonnet is closed and securely locked:

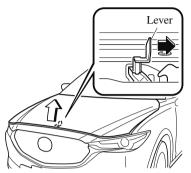
A bonnet that is not closed and securely locked is dangerous as it could fly open while the vehicle is moving and block the driver's vision which could result in a serious accident.

▼ Opening the Bonnet

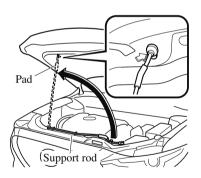
1. With the vehicle parked, pull the release handle to unlock the bonnet.



2. Insert your hand into the bonnet opening, slide the latch lever to the right, and lift up the bonnet.

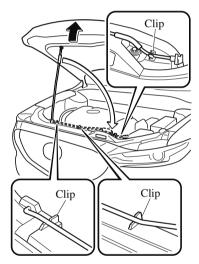


3. Grasp the support rod in the padded area and secure it in the support rod hole indicated by the arrow to hold the bonnet open.



▼ Closing the Bonnet

- Check under the bonnet area to make certain all filler caps are in place and all loose items (e.g. tools, oil containers, etc.) have been removed.
- 2. Lift the bonnet, grasp the padded area on the support rod, and secure the support rod in the clip. Verify that the support rod is secured in the clip before closing the bonnet.



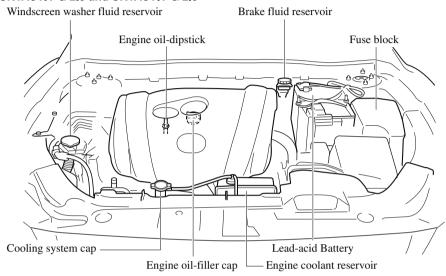
3. Lower the bonnet slowly to a height of about 20 cm (7.9 in) above its closed position and then let it drop.



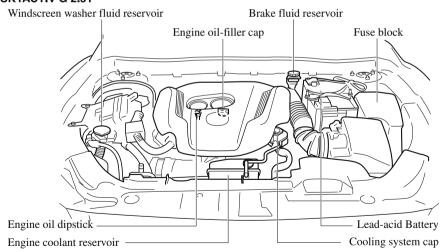
When closing the bonnet, do not push it excessively such as by applying your weight. Otherwise, the bonnet could be deformed.

Engine Compartment Overview

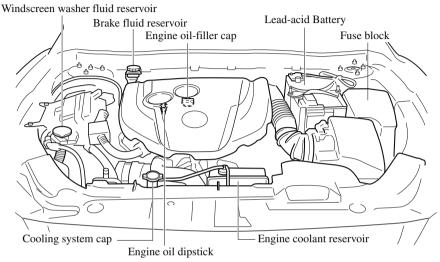
SKYACTIV-G 2.0 and SKYACTIV-G 2.5



SKYACTIV-G 2.5T



SKYACTIV-D 2.2



Engine Oil

NOTE

Changing the engine oil should be done by an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Recommended Oil

In order to keep the maintenance interval (page 6-3) and to protect the engine from damage caused by poor lubrication, it is vitally important to make use of engine oil with the correct specification. Do not use oils which do not meet the following specifications or requirements. Use of unsuitable oil may lead to engine damage which is not covered by the Mazda Warranty.

SKYACTIV-G 2.0 and SKYACTIV-G 2.5 (Europe and Taiwan)

Temperature Range SAE Viscosity Numbers			
Grade		°C -40 -30 -20 -10 0 10 20 30 40 	
Recommended oils			
Mazda Original Oil Supra-X 0W-20		0W-20	
Mazda Original Oil Ultra 5W-30		5W-30	
Alternative Oil Quality			
API SN or higher	0W-20	0W-20	
	5W-30	5W-30	
ACEA A5/B5	5W-30	5W-30	

(Except Europe and Taiwan)

Temperature Range SAE Viscosity Numbers			
Grade	°C -40 -30 -20 -10 0 10 20 30 40 		
API SL or higher *1	0W-20 0W-30 5W-20 5W-30 10W-30		

^{*1} Use API SM or higher in Kazakhstan.



(Talwall)			
Temperature Range SAE Viscosity Numbers			
Grade		°C -40 -30 -20 -10 0 10 20 30 40 -	
Recommended oils			
Mazda Original Oil Ultra 5W-30		5W-30	
Alternative Oil Quality			
API SN or higher, or ACEA A5/B5	0W-30	0W-30	
	5W-30	5W-30	

(Except Taiwan)

(====,			
Temperature Range	Temperature Range SAE Viscosity Numbers		
Grade	°C -40 -30 -20 -10 0 10 20 30 40 40 -20 0 20 40 60 80 100		
API SM or higher	10W-30 5W-30 0W-30		

SKYACTIV-D 2.2

Temperature Range SAE Viscosity Numbers		
Grade	°C -40 -30 -20 -10 0 10 20 30 40 	
ACEA C3	5W-30 0W-30	

Engine oil viscosity, or thickness, has an effect on fuel economy and cold-weather operation (starting and oil flow).

Low-viscosity engine oils can provide improved fuel economy and cold-weather performance.

When choosing an oil, consider the temperature range your vehicle will operate in before the next oil change.

Then select the recommended viscosity from the chart.



➤ Using oils of viscosity besides those recommended for specific temperature ranges could result in engine damage.

> (SKYACTIV-D 2.2)

SKYACTIV-D 2.2 uses specified oil. Please confirm the specification in owner's manual. If engine oil other than the specified oil is used, the Diesel Particulate Filter effective period of use will be shortened or the Diesel Particulate Filter may be damaged.

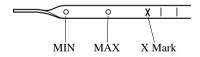
NOTE

(SKYACTIV-G 2.0, SKYACTIV-G 2.5, and SKYACTIV-G 2.5T)

· It is normal for all engines to consume engine oil under normal driving conditions. Engine oil consumption may be as high as 0.8 L/1,000 km (1 L/800 miles). This may be as a result of evaporation, internal ventilation or burning of the lubricating oil in the working engine. Oil consumption may be higher when the engine is new due to the running-in process. Oil consumption is also dependent on engine speed and engine load. Under extreme driving conditions, oil consumption may be higher.

(SKYACTIV-D 2.2)

· Inspect the engine oil level periodically. When inspecting the engine oil, if the engine oil level is exceeds the "X" mark on the dipstick, replace the engine oil. This should be done by an expert repairer (we recommend an Authorised Mazda Repairer). When replacing the engine oil, inspect the oil level using the oil dipstick and refill so that the engine oil level is within the range between MIN and MAX as shown in the figure.



(SKYACTIV-G 2.5T, SKYACTIV-D 2.2)

• Whenever the engine oil is replaced, the vehicles engine control unit needs to be reset as soon as possible. Otherwise the wrench indicator light or engine oil warning light may turn on. To reset the engine control unit, consult an expert repairer (we recommend an Authorised Mazda Repairer) or refer to the vehicle engine control unit reset procedure on page 6-27.

▼ Vehicle Engine Control Unit Reset Procedure

NOTE

The following procedure is for SKYACTIV-G 2.5T and SKYACTIV-D 2.2 vehicles, and for SKYACTIV-G 2.0 and SKYACTIV-G 2.5 vehicles with the engine oil flexible maintenance setting selected.

After replacing the engine oil, have a repair shop such as an expert repairer (we recommend an Authorised Mazda Repairer), perform the initialization (engine oil data resetting) of the recorded value. If the value recorded by the computer is not initialized, the wrench indicator light may not turn off or it may turn on earlier than normal.

NOTE

The initialization (engine oil data resetting) of the recorded value can be performed using the instrument panel illumination knob in the instrument cluster as following:

- 1. Switch the ignition OFF.
- 2. Switch the ignition ON with the instrument panel illumination knob pressed and continue pressing the knob for about 5 seconds until the master warning light \triangle flashes.

Type B, Type C

Instrument panel illumination knob

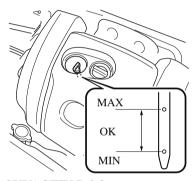
Instrument panel illumination knob

3. After the master warning light \triangle flashes for several seconds, the initialization is completed.

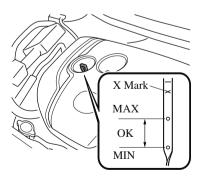
▼ Inspecting Engine Oil Level

- 1. Be sure the vehicle is on a level surface.
- 2. Warm up the engine to normal operating temperature.
- 3. Turn it off and wait at least 5 minutes for the oil to return to the sump.
- 4. Pull out the dipstick, wipe it clean, and reinsert it fully.

SKYACTIV-G 2.0, SKYACTIV-G 2.5 and SKYACTIV-G 2.5T



SKYACTIV-D 2.2



NOTE (SKYACTIV-D 2.2)

When inspecting the engine oil level, pull out the dipstick straight without twisting. In addition, when inserting the dipstick, always insert it without twisting so that the "X" mark faces the front of the vehicle.

Pull it out again and examine the level.
 The level is normal if it is between the MIN and MAX marks.
 If it is near or below MIN, add enough oil to bring the level to MAX.



Do not overfill the engine oil. This may cause engine damage.

- 6. Make sure the O-ring on the dipstick is positioned properly before reinserting the dipstick.
- 7. Reinsert the dipstick fully.

Engine Coolant

▼ Inspecting Coolant Level

▲ WARNING

Do not use a match or live flame in the engine compartment. DO NOT ADD COOLANT WHEN THE ENGINE IS HOT:

A hot engine is dangerous. If the engine has been running, parts of the engine compartment can become very hot. You could be burned. Carefully inspect the engine coolant in the coolant reservoir, but do not open it.

ිට Do not touch rotating parts such as the fan belt when inspecting inside the engine compartment:

Working near the cooling fan when it is running is dangerous. The fan could continue running indefinitely even if the engine has stopped and the engine compartment temperature is high. You could be hit by the fan and seriously injured.

Do not remove either cooling system cap when the engine and radiator are hot:

When the engine and radiator are hot, scalding coolant and steam may shoot out under pressure and cause serious injury.

NOTE

Changing the coolant should be done by an expert repairer (we recommend an Authorised Mazda Repairer).

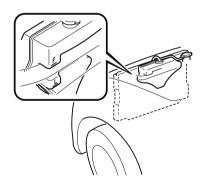
Inspect the antifreeze protection and coolant level in the coolant reservoir at least once a year—at the beginning of the winter season—and before travelling where temperatures may drop below freezing.

Inspect the condition and connections of all cooling system and heater hoses.

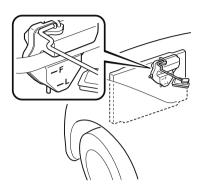
Replace any that are swollen or deteriorated.

The coolant should be at full in the radiator and between the F and L marks on the coolant reservoir when the engine is cool.

SKYACTIV-G 2.0 and SKYACTIV-G 2.5



SKYACTIV-G 2.5T



SKYACTIV-D 2.2



If it is at or near L, add enough coolant to the coolant reservoir to provide freezing and corrosion protection and to bring the level to F.

Securely tighten the coolant reservoir tank cap after adding coolant.

A CAUTION

- ➤ Radiator coolant will damage paint. Rinse it off quickly if spilled.
- ➢ If the "FL22" mark is shown on or near the cooling system cap, use of FL-22 is recommended when replacing engine coolant. Using engine coolant other than FL-22 may cause serious damage to the engine and cooling system.



If the coolant reservoir is empty or new coolant is required frequently, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Brake Fluid

▼ Inspecting Brake Fluid Level



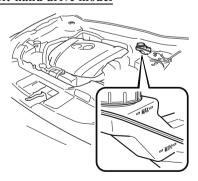
If the brake fluid level is low, have the brakes inspected:

A low brake fluid level is dangerous. A low level could indicate brake lining wear or a brake system leak which could cause the brakes to fail and lead to an accident.

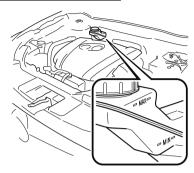
Inspect the fluid level in the reservoir regularly. It should be kept between the MAX and MIN lines.

The level normally drops with accumulated distance, a condition associated with wear of brake linings. If it is excessively low, have the brake system inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

Left-hand drive model



Right-hand drive model



Window and Headlight Washer Fluid

▼ Inspecting Washer Fluid Level



Use only windscreen washer fluid or plain water in the reservoir:

Using radiator antifreeze as washer fluid is dangerous. If sprayed on the windscreen, it will dirty the windscreen, affect your visibility, and could result in an accident.

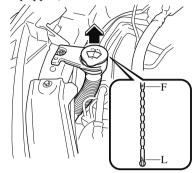
A CAUTION

Do not use soapy water or engine antifreeze in the reservoir as it could cause paint discolouration or pump damage.

Add washer fluid under any of the following conditions.

- · The top of the fluid level is low.
- The Low Washer Fluid Level Warning Indication/Warning Light (if equipped) turns on.

• The top of the fluid level is lower than L (if equipped).



Use plain water if washer fluid is unavailable.

But use only washer fluid in cold weather to prevent it from freezing.

NOTE

Front and rear washer fluid is supplied from the same reservoir.

Body Lubrication

All moving points of the body, such as door and bonnet hinges and locks, should be lubricated each time the engine oil is changed. Use a nonfreezing lubricant on locks during cold weather.

Make sure the bonnet's secondary latch keeps the bonnet from opening when the primary latch is released.

Wiper Blades

▲ CAUTION

- ➤ Hot waxes applied by automatic car washers have been known to affect the wiper's ability to clean windows.
- ➤ To prevent damage to the wiper blades, do not use petrol, paraffin, paint thinner, or other solvents on or near them.
- ➤ When the wiper lever is in the AUTO position and the ignition is switched ON, the wipers may move automatically in the following cases:
 - ➤ If the windscreen above the rain sensor is touched.
 - ➤ If the windscreen above the rain sensor is wiped with a cloth.
 - ➤ If the windscreen is struck with a hand or other object.
 - ➤ If the rain sensor is struck with a hand or other object from inside the vehicle.

Be careful not to pinch hands or fingers as it may cause injury, or damage the wipers. When washing or servicing the vehicle, make sure the wiper lever is in the OFF position.

Contamination of either the windscreen or the blades with foreign matter can reduce wiper effectiveness. Common sources are insects, tree sap, and hot wax treatments used by some commercial car washes.

If the blades are not wiping properly, clean the window and blades with a good cleaner or mild detergent; then rinse thoroughly with clean water. Repeat if necessary.

▼ Replacing Windscreen Wiper Blades

When the wipers no longer clean well, the blades are probably worn or cracked. Replace them.

▲ CAUTION

- ➤ To prevent damage to the wiper arms and other components, do not try to sweep the wiper arm by hand.
- Do not bend the blade rubber unnecessarily when replacing it. Otherwise, the metal stiffener in the blade may deform and the windscreen wiper operation may be adversely affected.

NOTE

When raising both windscreen wiper arms, raise the driver's side wiper arm first. When lowering the wiper arms, slowly lower the wiper arm from the passenger's side first while supporting it with your hand. Forcefully lowering the wiper arms could damage the wiper arm and blade, and may scratch or crack the windscreen.

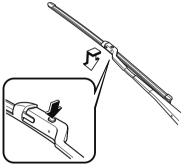
Replace the wiper blades using the following procedure.

1. Raise the wiper arm.

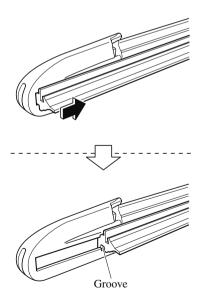


To prevent damage to the windscreen let the wiper arm down easily, do not let it slap down on the windscreen.

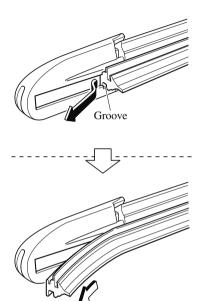
2. Slide the blade component in the direction of the arrow while pressing the wiper arm tab to remove the blade component from the wiper arm.



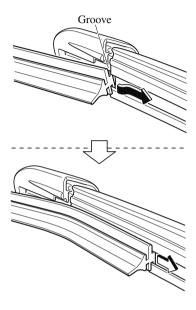
 Pull the blade rubber in the direction of the arrow and slide it to a position where the blade holder groove can be checked



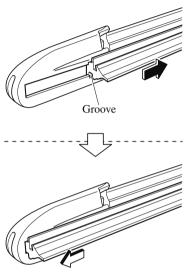
4. Pull the end of the blade rubber from the blade holder groove in the direction of the arrow and remove the blade rubber from the blade holder.



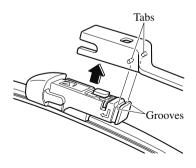
5. Insert the end of the new blade rubber into the groove of the blade holder until it contacts the end of the blade holder.



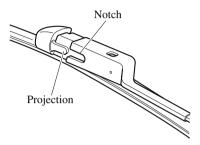
6. After pulling the blade rubber in the direction of the arrow and sliding the blade rubber to a position to check the blade holder groove, slide the blade rubber end in the opposite direction.



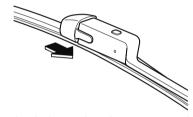
- 7. Make sure that the blade rubber is correctly installed to the blade holder.
- 8. Align the wiper arm tabs with the blade component grooves.



9. Align the blade component projection with the wiper arm notch.



10. Slide the blade component and install it to the wiper arm.



11. Slowly lower the wiper arm onto the windscreen.

▼ Replacing Rear Window Wiper Blade

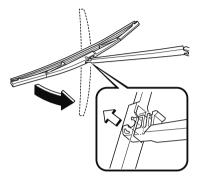
When the wiper no longer cleans well, the blade is probably worn or cracked.

Replace it.



To prevent damage to the wiper arm and other components, do not move the wiper by hand.

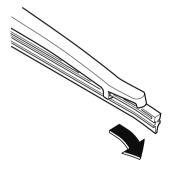
1. Raise the wiper arm and rotate the wiper blade to the right until it unlocks, then remove the blade.





To prevent damage to the rear window, do not let the wiper arm fall on it.

2. Pull down the blade rubber and slide it out of the blade holder.



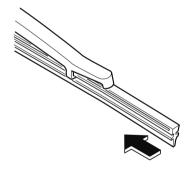
3. Remove the metal stiffeners from the blade rubber and install them in the new blade





Do not bend or discard the stiffeners. You need to use them again.

4. Carefully insert the new blade rubber. Then install the blade assembly in the reverse order of removal.



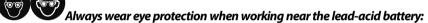
Lead-acid Battery



Wash hands after handling the lead-acid battery and related accessories:

Lead-acid battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm.

Read the following precautions carefully before using the lead-acid battery or inspecting to ensure safe and correct handling:



Working without eye protection is dangerous. Lead-acid battery fluid contains SULPHURIC ACID which could cause blindness if splashed into your eyes. Also, hydrogen gas produced during normal lead-acid battery operation, could ignite and cause the lead-acid battery to explode.



Wear eye protection and protective gloves to prevent contact with lead-acid

battery fluid:

Spilled lead-acid battery fluid is dangerous.

Lead-acid battery fluid contains SULPHURIC ACID which could cause serious injuries if it gets in eyes, or on the skin or clothing. If this happens, immediately flush your eyes with water for 15 minutes or wash your skin thoroughly and get medical attention.



Always keep lead-acid batteries out of the reach of children:

Allowing children to play near lead-acid batteries is dangerous. Lead-acid battery fluid could cause serious injuries if it gets in the eyes or on the skin.

Keep flames and sparks away from open lead-acid battery cells and do not allow metal tools to contact the positive (+) or negative (-) terminal of the lead-acid battery when working near a lead-acid battery. Do not allow the positive (+) terminal to contact the vehicle body:

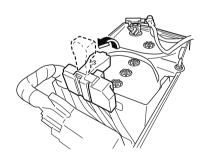
Flames and sparks near open lead-acid battery cells are dangerous. Hydrogen gas, produced during normal lead-acid battery operation, could ignite and cause the lead-acid battery to explode. An exploding lead-acid battery can cause serious burns and injuries. Keep all flames including cigarettes and sparks away from open lead-acid battery cells.

Keep all flames and sparks away from open lead-acid battery cells because hydrogen gas is produced from open lead-acid battery cells while charging the lead-acid battery or adding lead-acid battery fluid:

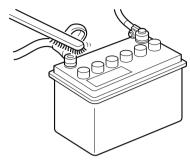
Flames and sparks near open lead-acid battery cells are dangerous. Hydrogen gas, produced during normal lead-acid battery operation, could ignite and cause the lead-acid battery to explode. An exploding lead-acid battery can cause serious burns and injuries. Keep all flames including cigarettes and sparks away from open lead-acid battery cells.

NOTE

Before performing lead-acid battery maintenance, remove the lead-acid battery cover.



▼ Lead-acid Battery Maintenance

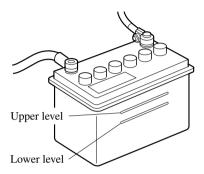


To get the best service from a lead-acid battery:

- · Keep it securely mounted.
- · Keep the top clean and dry.
- Keep terminals and connections clean, tight, and coated with petroleum jelly or terminal grease.
- · Rinse off spilled electrolyte immediately with a solution of water and baking soda.
- If the vehicle will not be used for an extended time, disconnect the lead-acid battery leads and charge the lead-acid battery every 6 weeks.

▼ Inspecting Electrolyte Level

A low level of electrolyte fluid will cause the lead-acid battery to discharge quickly.



Inspect the electrolyte level at least once a week. If it is low, contact an expert repairer (we recommend an Authorised Mazda Repairer) for the electrolyte level.

▼ Lead-acid Battery Replacement

Contact an expert repairer (we recommend an Authorised Mazda Repairer) for lead-acid battery replacement.

Key Battery Replacement

If the buttons on the transmitter are inoperable and the operation indicator light does not flash, the battery may be dead.

Replace with a new battery before the transmitter becomes unusable.

The following conditions indicate that the battery power is low:

- The KEY indicator light (green) flashes in the instrument cluster for about 30 seconds after the engine is switched OFF (for vehicles with a type A/type B instrument cluster (page 4-21, 4-41), messages are displayed in the instrument cluster).
- The system does not operate and the operation indicator light on the transmitter does not flash when the buttons are pressed.
- The system's operational range is reduced.

Do not attempt to replace the key battery yourself.

Incorrect battery replacement operation may damage the key. Replacing the battery at an expert repairer (we recommend an Authorised Mazda Repairer) is recommended.

Tyres

For reasons of proper performance, safety, and better fuel economy, always maintain recommended tyre inflation pressures and stay within the recommended load limits and weight distribution.



Never use different tyre types:

Driving your vehicle with different types of tyres is dangerous. It could cause poor handling and poor braking; leading to loss of control.

Except for the limited use of the temporary spare tyre, use only the same type tyres (radial, bias-belted, bias-type) on all four wheels.

Never use wrong-sized tyres:

Using any other tyre size than what is specified for the vehicle (page 9-14) is dangerous. It could seriously affect ride, handling, ground clearance, tyre clearance, and speedometer calibration. This could cause you to have an accident. Use only tyres that are the correct size specified for the vehicle.

▼ Tyre Inflation Pressure



Always inflate the tyres to the correct pressure:

Overinflation or underinflation of tyres is dangerous. Adverse handling or unexpected tyre failure could result in a serious accident.

Refer to Tyres on page 9-14.

Use only a Mazda-genuine tyre valve cap:

Use of a non-genuine part is dangerous as the correct tyre air pressure cannot be maintained if the tyre valve becomes damaged. If the vehicle is driven under this condition, the tyre air pressure will decrease which could result in a serious accident. Do not use any part for the tyre valve cap that is not a Mazda-genuine part.

Inspect all tyre pressures monthly (including the spare*) when the tyres are cold. Maintain recommended pressures for the best ride, handling, and minimum tyre wear.

Refer to the specification charts (page 9-14).

NOTE

- · Always check tyre pressure when tyres are cold.
- Warm tyres normally exceed recommended pressures. Do not release air from warm tyres to adjust the pressure.
- · Underinflation can cause reduced fuel economy, uneven and accelerated tyre wear, and poor sealing of the tyre bead, which will deform the wheel and cause separation of tyre from rim.
- Overinflation can produce a harsh ride, uneven and accelerated tyre wear, and a greater possibility of damage from road hazards.

Keep your tyre pressure at the correct levels. If one frequently needs inflating, have it inspected.

▼ Tyre Rotation

▲ WARNING

Rotate tyres periodically:

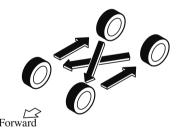
Irregular tyre wear is dangerous. To equalize tread wear for maintaining good performance in handling and braking, rotate the tyres every 10,000 km (6,250 miles), or sooner if irregular wear develops.

During rotation, inspect them for correct balance.

NOTE

(Without temporary spare tyre)

Because your vehicle is not equipped with a spare tyre, you cannot do a tyre rotation safely with the jack that comes with your vehicle. Have an expert repairer (we recommend an Authorised Mazda Repairer) perform tyre rotation.



Do not include (TEMPORARY USE ONLY) spare tyre in rotation.

Also, inspect them for uneven wear and damage. Abnormal wear is usually caused by one or a combination of the following:

- · Incorrect tyre pressure
- · Improper wheel alignment
- · Out-of-balance wheel
- · Severe braking

After rotation, inflate all tyre pressures to specification (page 9-14) and inspect the wheel nuts for tightness.



Rotate unidirectional tyres and radial tyres that have an asymmetrical tread pattern or studs only from front to rear, not from side to side. Tyre performance will be reduced if rotated from side to side.

▼ Replacing a Tyre



Always use tyres that are in good condition:

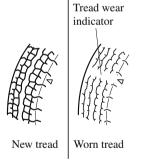
Driving with worn tyres is dangerous. Reduced braking, steering, and traction could result in an accident.

Replace all four tyres at the same time:

Replacing just one tyre is dangerous. It could cause poor handling and poor braking resulting in loss of vehicle control. Mazda strongly recommends that you replace all four tyres at the same time.

If a tyre wears evenly, a wear indicator will appear as a solid band across the tread.

Replace the tyre when this happens.



You should replace the tyre before the band crosses the entire tread.

▼ Temporary Spare Tyre*

Inspect the temporary spare tyre at least monthly to make sure it is properly inflated and stored.

NOTE

The temporary spare tyre condition gradually deteriorates even if it has not been used

The temporary spare tyre is easier to handle because of its construction which is lighter and smaller than a conventional tyre. This tyre should be used only for an emergency and only for a short distance.

Use the temporary spare tyre only until the conventional tyre is repaired, which should be as soon as possible.

Refer to Tyre on page 9-14.

A CAUTION

- Do not use your temporary spare tyre rim with a snow tyre or a conventional tyre. Neither will properly fit and could damage both tyre and rim.
- ➤ The temporary spare tyre has a tread life of less than 5,000 km (3,000 miles). The tread life may be shorter depending on driving conditions.
- ➤ The temporary spare tyre is for limited use, however, if the tread wear solid-band indicator appears, replace the tyre with the same type of temporary spare (page 6-43).

▼ Replacing a Wheel



Always use wheels of the correct size on your vehicle:

Using a wrong-sized wheel is dangerous. Braking and handling could be affected, leading to loss of control and an accident.



A wrong-sized wheel may adversely affect:

- ➤ Tyre fit
- > Wheel and bearing life
- ➤ Ground clearance
- ➤ Snow-chain clearance
- ➤ Speedometer calibration
- ➤ Headlight aim
- > Bumper height
- ➤ Tyre Pressure Monitoring System*

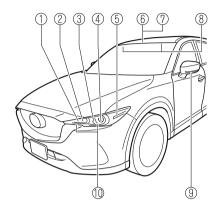
NOTE

- · When replacing a wheel, make sure the new one is the same as the original factory wheel in diameter, rim width, and offset (inset/outset).
- · For details, contact an expert repairer (we recommend an Authorised Mazda Repairer).

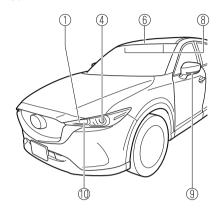
Proper tyre balancing provides the best riding comfort and helps reduce tread wear. Out-of-balance tyres can cause vibration and uneven wear, such as cupping and flat spots.

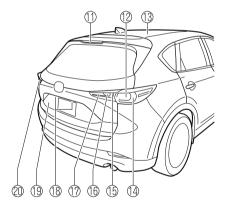
Light Bulbs

Type A



Type B





- ① Front direction indicator lights
- ② Headlights (High beam)*
- 3 Running lights
- 4 Headlights (High/Low beam)
- (5) Headlights (Wide-range low beam)*
- **6** Overhead lights/Front map lights
- Ambient lights*
- ® Vanity mirror lights*
- Side direction indicator lights

- Running lights*/Position lights
- High-mount brake light
- ® Rear direction indicator lights
- 13 Rear map lights
- 1 Brake lights/Tail lights
- 15 Tail lights*
- ® Reverse lights
- TRear fog light (Right-hand drive model)*
- ® Number plate lights
- 19 Luggage compartment light
- ²⁰ Rear fog light (Left-hand drive model)*

MARNING

Never touch the glass portion of a halogen bulb with your bare hands and always wear eye protection when handling or working around the bulbs:

When a halogen bulb breaks, it is dangerous. These bulbs contain pressurised gas. If one is broken, it will explode and serious injuries could be caused by the flying glass. If the glass portion is touched with bare hands, body oil could cause the bulb to overheat and explode when lit.

Always keep halogen bulbs out of the reach of children:

Playing with a halogen bulb is dangerous. Serious injuries could be caused by dropping a halogen bulb or breaking it some other way.



When removing the lens or lamp unit using a flathead screwdriver, make sure that the flathead screwdriver does not contact the interior terminal. If the flathead screwdriver contacts the terminal, a short circuit may occur.

NOTE

- To replace the bulb, contact an expert repairer (we recommend an Authorised Mazda Repairer).
- If the halogen bulb is accidentally touched, it should be cleaned with rubbing alcohol before being used.
- · Use the protective cover and carton for the replacement bulb to dispose of the old bulb promptly and out of the reach of children.

▼ Replacing Exterior Light Bulbs

All the exterior light bulbs are LED type. The LED bulb cannot be replaced as a single unit because it is an integrated unit. The LED bulb has to be replaced with the unit. If a replacement is necessary, consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Replacing Interior Light Bulbs

The interior lights have either LEDs or normal bulbs.

LED type

- · Overhead lights/Front map lights
- · Rear map lights
- · Vanity mirror lights*
- · Luggage compartment light
- · Ambient lights*

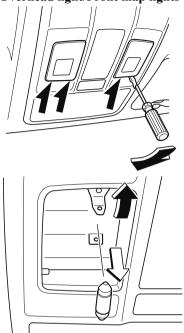
The LED bulb cannot be replaced as a single unit because it is an integrated unit. The LED bulb has to be replaced with the unit. If a replacement is necessary, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Bulb type

Overhead light/Front map lights, Rear map lights, Vanity mirror lights*

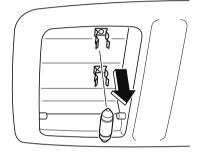
- Wrap a flathead screwdriver with a soft cloth to prevent damage to the lens, and then remove the lens by carefully prying on the edge of the lens with a flathead screwdriver.
- 2. Disconnect the bulb by pulling it out.

Overhead light/Front map lights

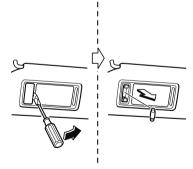


Rear map lights





Vanity mirror lights*



3. Install the new bulb in the reverse order of the removal procedure.

Luggage compartment light

1. Wrap a small flathead screwdriver with a soft cloth to prevent damage to the lens and remove the lens unit by carefully prying on the edge of the lens unit with the flathead screwdriver.



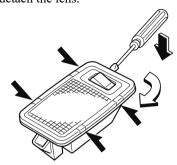
2. Disconnect the electrical connector from the bulb by pressing the tab on the connector with your finger and pulling the connector.



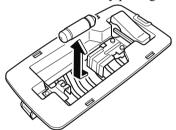


When replacing the bulb always disconnect the connector first.
Otherwise, electric and electronic devices could be shorted.

 Insert the flathead screwdriver into the gap between the lens and the lens unit, and then slide the screwdriver to detach the lens.



4. Disconnect the bulb by pulling it out.



5. Install the new bulb in the reverse order of the removal procedure.

Fuses

Your vehicle's electrical system is protected by fuses.

If any lights, accessories, or controls do not work, inspect the appropriate circuit protector. If a fuse has blown, the inside element will be melted.

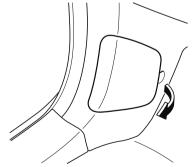
If the same fuse blows again, avoid using that system and consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

▼ Fuse Replacement

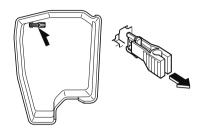
Replacing the fuses on the vehicle's left side

If the electrical system does not work, first inspect the fuses on the vehicle's left side.

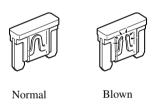
- 1. Make sure the ignition is switched off, and other switches are off.
- 2. Open the fuse panel cover.



3. Pull the fuse straight out with the fuse puller provided on the fuse block located in the engine compartment.



4. Inspect the fuse and replace it if it is blown.



5. Insert a new fuse of the same amperage rating, and make sure it fits tightly. If it does not fit tightly, have an expert install it. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

If you have no spare fuses, borrow one of the same rating from a circuit not essential to vehicle operation, such as the AUDIO or OUTLET circuit.



Always replace a fuse with a genuine Mazda fuse or equivalent of the same rating. Otherwise you may damage the electric system.

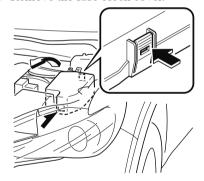
6. Reinstall the cover and make sure that it is securely installed.

Replacing the fuses under the bonnet

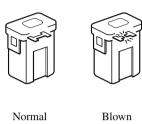
If the headlights or other electrical components do not work and the fuses in the cabin are normal, inspect the fuse block under the bonnet.

If a fuse is blown, it must be replaced. Follow these steps:

- 1. Make sure the ignition is switched off, and other switches are off.
- 2. Remove the fuse block cover.



3. If any fuse but the MAIN fuse is blown, replace it with a new one of the same amperage rating.



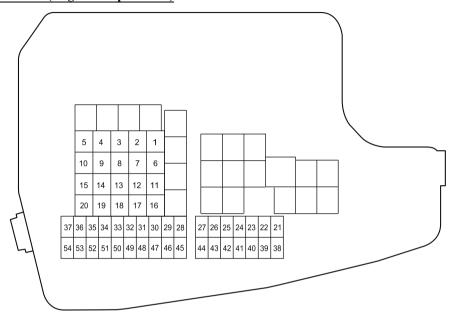
▲ WARNING

Do not replace the main fuse by yourself. Have an expert repairer (we recommend an Authorised Mazda Repairer) perform the replacement: Replacing the fuse by yourself is dangerous because the MAIN fuse is a high current fuse. Incorrect replacement could cause an electrical shock or a short circuit resulting in a

4. Reinstall the cover and make sure that it is securely installed.

▼ Fuse Panel Description

Fuse block (Engine compartment)

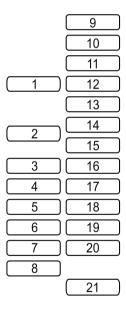


	DESCRIPTION	FUSE RATING	PROTECTED COMPONENT
1	CABIN.+B	50 A	For protection of various circuits
2	IG2	30 A	For protection of various circuits
3	INJECTOR ENG.SUB	30 A	Engine control system*
4	SCR1 EVVT	20 A	Engine control system*
5	P.WINDOW1	30 A	Power windows*
6	R.HEATER	20 A	_
7	ADD FAN DE	40 A	Cooling fan*
8	WIPER.DEI	20 A	Windscreen wiper de-icer*
9	DEFOG	30 A	Rear window defogger
10	DCDC DE	40 A	For protection of various circuits*
11	EPB R	20 A	Electric parking brake (EPB) (RH)
12	EPB L	20 A	Electric parking brake (EPB) (LH)

	DESCRIPTION	FUSE RATING	PROTECTED COMPONENT
13	AUDIO DCDC REG	30 A	Audio system*
14	FAN GE	30 A	Cooling fan*
15	ENG.MAIN	40 A	Engine control system
16	ABS/DSC M	50 A	ABS, Dynamic stability control system
17	FAN DE	40 A	Cooling fan*
18	WIPER	20 A	Front window wiper and washer
19	HEATER	40 A	Air conditioner
20	ADD FAN GE	30 A	Cooling fan*
21	ENGINE.IG1	7.5 A	Engine control system
22	C/U IG1	15 A	For protection of various circuits
23	AUDIO2	7.5 A	Audio system
24	METER2	7.5 A	Instrument cluster*
25	ENGINE3	15 A	Engine control system
26	ENGINE2	15 A	Engine control system
27	ENGINE1	15 A	Engine control system*
28	AT	15 A	Transaxle control system, Ignition switch
29	H/CLEAN	20 A	Headlight washer*
30	A/C	7.5 A	Air conditioner
31	AT PUMP	15 A	Transaxle control system*
32	HORN	15 A	Horn
33	R.WIPER	15 A	Rear window wiper
34	H/L HI	20 A	Headlight high beam
35	ST.HEATER	15 A	Heated steering wheel*
36	FOG	15 A	_
37	ENG.+B	7.5 A	Engine control system
38	H/L LOW L	15 A	Headlight low beam (LH)
39	ENGINE4	15 A	Engine control system*
40	INTERIOR1	15 A	For protection of various circuit*
41	METER1	10 A	Instrument cluster
42	SRS1	7.5 A	Air bag
43	AUDIO1	15 A	Audio system
44	BOSE	25 A	Bose Sound System-equipped model*, Audio system
45	ABS/DSC S	30 A	ABS, Dynamic stability control system
46	FUEL PUMP	15 A	Fuel system*

	DESCRIPTION	FUSE RATING	PROTECTED COMPONENT
47	FUEL WARM	25 A	Fuel warmer*
48	TAIL	15 A	Tail lights, Number plate lights
49	SCR2 FUEL PUMP2	25 A	_
50	HAZARD	25 A	Hazard warning flashers, Direction indicator lights, Tail lights
51	H/L LOW R	15 A	Headlight low beam (RH)
52	OUTLET	25 A	Accessory sockets
53	STOP	10 A	Brake lights
54	ROOM	25 A	For protection of various circuit

Fuse block (Left side)



	DESCRIPTION	FUSE RATING	PROTECTED COMPONENT
1	P.SEAT D	30 A	Power seat*
2	P.WINDOW3	30 A	Power windows
3	R.OUTLET3	15 A	_
4	P.WINDOW2	25 A	Power windows
5	ESCL	15 A	Electronic steering lock

Owner Maintenance

DESCRIPTION		FUSE RATING	PROTECTED COMPONENT	
6	D.LOCK	25 A	Power door locks	
7	SEAT WARM	20 A	Seat warmer*	
8	SUNROOF	10 A	Sunroof*	
9	F.OUTLET	15 A	Accessory sockets	
10	MIRROR	7.5 A	Power control mirror	
11	R.OUTLET1	15 A	Accessory sockets	
12	SCR3	15 A	_	
13	SCR4	15 A	_	
14	R.OUTLET2	15 A	Accessory sockets	
15	USB	7.5 A	USB power outlet*	
16	PLG	20 A	Power liftgate*	
17	M.DEF	7.5 A	Mirror defogger*	
18	R.SEAT W	20 A	Seat warmer*	
19	INTERIOR2	15 A	For protection of various circuit	
20	AT IND	7.5 A	AT shift indicator	
21	P.SEAT P	30 A	Power seat*	

Appearance Care

Exterior Care

The paintwork on your Mazda represents the latest technical developments in composition and methods of application.

Environmental hazards, however, can harm the paint's protective properties, if proper care is not taken.

Here are some examples of possible damage, with tips on how to prevent them.

Etching Caused by Acid Rain or Industrial Fallout

Occurrence

Industrial pollutants and vehicle emissions drift into the air and mix with rain or dew to form acids. These acids can settle on a vehicle's finish. As the water evaporates, the acid becomes concentrated and can damage the finish.

And the longer the acid remains on the surface, the greater the chance is for damage.

Prevention

It is necessary to wash and wax your vehicle to preserve its finish according to the instructions in this section. These steps should be taken immediately after you suspect that acid rain has settled on your vehicle's finish.

Damage Caused by Bird Dropping, Insects, or Tree Sap

Occurrence

Bird droppings contain acids. If these are not removed they can eat away the clear and colour base coat of the vehicle's paintwork.

When insects stick to the paint surface and decompose, corrosive compounds form. These can erode the clear and colour base coat of the vehicle's paintwork if they are not removed.

Tree sap will harden and adhere permanently to the paint finish. If you scratch the sap off while it is hard, some vehicle paint could come off with it.

Prevention

It is necessary to have your Mazda washed and waxed to preserve its finish according to the instructions in this section. This should be done as soon as possible.

Bird droppings can be removed with a soft sponge and water. If you are travelling and these are not available, a moistened tissue may also take care of the problem. The cleaned area should be waxed according to the instructions in this section.

Insects and tree sap are best removed with a soft sponge and water or a commercially

Another method is to cover the affected area with dampened newspaper for 1 to 2 hours. After removing the newspaper, rinse off the loosened debris with water.

available chemical cleaner.

Water Marks

Occurrence

Rain, fog, dew, and even tap water can contain harmful minerals such as salt and lime. If moisture containing these minerals settles on the vehicle and evaporates, the minerals will concentrate and harden to form white rings. The rings can damage your vehicle's finish.

Prevention

It is necessary to wash and wax your vehicle to preserve its finish according to the instructions in this section. These steps should be taken immediately after you find water marks on your vehicle's finish.

Paint Chipping

Occurrence

Paint chipping occurs when gravel thrown in the air by another vehicle's tyres hits your vehicle.

How to avoid paint chipping

Keeping a safe distance between you and the vehicle ahead reduces the chances of having your paint chipped by flying gravel.

NOTE

- The paint chipping zone varies with the speed of the vehicle. For example, when travelling at 90 km/h (56 mph), the paint chipping zone is 50 m (164 ft).
- In low temperatures a vehicle's finish hardens. This increases the chance of paint chipping.

· Chipped paint can lead to rust forming on your Mazda. Before this happens, repair the damage by using Mazda touch-up paint according to the instructions in this section. Failure to repair the affected area could lead to serious rusting and expensive repairs.

Follow **all** label and container directions when using a chemical cleaner or polish. Read all warnings and cautions.

▼ Maintaining the Finish

Washing



- When the ignition is switched ON and the wiper lever is in the AUTO position, the windscreen wipers may operate automatically in the following cases:
 - ➤ The area of the windscreen above the rain sensor is touched or wiped with a cloth
 - ➤ The windscreen or the rain sensor area in the cabin is hit.

When the ignition is switched ON and the wiper lever is in the AUTO position, do not touch the windscreen or the windscreen wipers Otherwise, the windscreen wipers will operate automatically which could catch your fingers or damage the windscreen wipers.

When removing ice or snow, or cleaning the windscreen, always make sure the wiper lever is in the OFF position.

Appearance Care

- Do not spray water in the engine compartment. Otherwise, it could result in engine-starting problems or damage to electrical parts.
- When washing and waxing the vehicle, be careful not to apply excessive force to any single area of the vehicle roof. Otherwise, you could dent the vehicle.
- ➢ (Vehicles with hands-free liftgate) When washing the vehicle, turn off the hands-free liftgate using the Mazda Connect or do not bring the transmitter into the area around the liftgate. Otherwise, the liftgate could open unexpectedly resulting in an accident. Refer to Power Liftgate on page 3-20.

To help protect the finish from rust and deterioration, wash your Mazda thoroughly and frequently, at least once a month, with lukewarm or cold water.

If the vehicle is washed improperly, the paint surface could be scratched. Here are some examples of how scratching could occur.

Scratches occur on the paint surface when:

- The vehicle is washed without first rinsing off dirt and other foreign matter.
- The vehicle is washed with a rough, dry, or dirty cloth.
- The vehicle is washed at a car wash that uses brushes that are dirty or too stiff.
- · Cleansers or wax containing abrasives are used.

NOTE

 Mazda is not responsible for scratches caused by automatic car washes or improper washing. · Scratches are more noticeable on vehicles with darker paint finishes.

To minimize scratches on the vehicle's paint finish:

- Rinse off any dirt or other foreign matter using lukewarm or cold water before washing.
- Use plenty of lukewarm or cold water and a soft cloth when washing the vehicle. Do not use a nylon cloth.
- · Rub gently when washing or drying the vehicle.
- Take your vehicle only to a car wash that keeps its brushes well maintained.
- Do not use abrasive cleansers or wax that contain abrasives.



Do not use steel wool, abrasive cleaners, or strong detergents containing highly alkaline or caustic agents on chrome-plated or anodised aluminium parts. This may damage the protective coating; also, cleaners and detergents may discolour or deteriorate the paint.

Pay special attention to removing salt, dirt, mud, and other foreign material from the underside of the wings, and make sure the drain holes in the lower edges of the doors and rocker panels are clean.

Insects, tar, tree sap, bird droppings, industrial fallout, and similar deposits can damage the finish if not removed immediately. When prompt washing with plain water is ineffective, use a mild soap made for use on vehicles.

Thoroughly rinse off all soap with lukewarm or cold water. Do not allow soap to dry on the finish.

After washing the vehicle, dry it with a clean chamois to prevent water spots from forming.



Dry off brakes that have become wet by driving slowly, releasing the accelerator pedal and lightly applying the brakes several times until the brake performance returns to normal:

Driving with wet brakes is dangerous. Increased stopping distance or the vehicle pulling to one side when braking could result in a serious accident. Light braking will indicate whether the brakes have been affected.

When using an automatic car wash

- · Retract the door mirrors.
- The automatic car wash brushes could reduce the paint lustre or hasten paint deterioration.

When using a high water pressure car wash

High water temperature and high water pressure car washers are available depending on the type of car wash machine. If the car washer nozzle is put too close to the vehicle, the force of the spray could damage or deform the molding, affect the sealability of parts, and allow water to penetrate the interior. Keep a sufficient space (30 cm (12 in) or more) between the nozzle and the vehicle. In addition, do not spend too much time

spraying the same area of the vehicle, and be very careful when spraying between gaps in doors and around windows.

Waxing

Your vehicle needs to be waxed when water no longer beads on the finish.

Always wash and dry the vehicle before waxing it. In addition to the vehicle body, wax the metal trim to maintain its lustre.

- Use wax which contains no abrasives.
 Wax containing abrasives will remove
 paints and could damage bright metal
 parts.
- 2. Use a good grade of natural wax for metallic, mica, and solid colours.
- 3. When waxing, coat evenly with the sponge supplied or a soft cloth.
- 4. Wipe off the wax with a soft cloth.



(Vehicles with hands-free liftgate)

When waxing the vehicle, turn off the hands-free liftgate using the Mazda Connect or do not bring the transmitter into the area around the liftgate. The liftgate could open unexpectedly resulting in an accident.

Refer to Power Liftgate on page 3-20.

NOTE

A spot remover to remove oil, tar, and similar materials will usually also take off the wax. Rewax these areas even if the rest of the vehicle does not need it.

Appearance Care

▼ Paint Damage Touch-up

Repair damage to the finish caused by stone chipping, damage during parking etc., by using Mazda touch-up paint before rust begins to form. First, remove the dirt and grease with a clean soft cloth.

If rust has already begun to form:

- 1. Remove rust completely with sandpaper.
- 2. Wipe with a clean soft cloth.
- 3. Apply rust preventive primer to the area.
- 4. After drying it completely, apply a suitable top coat material to the area.

Of course there will be no problem if you assign the work to an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Cavity Protection

Cavities are treated for protection at the factory, but additional protective treatment after the vehicle has been put into use will extend the life of the body.

Consult an expert repairer (we recommend an Authorised Mazda Repairer) concerning this additional precaution.

▼ Bright-Metal Maintenance

- Use tar remover to remove road tar and insects. Never do this with a knife or similar tool.
- To prevent corrosion on bright-metal surfaces, apply wax or chrome preservative and rub it to a high lustre.
- During cold weather or in coastal areas, cover bright-metal parts with a coating of wax or preservative heavier than usual. It would also help to coat them

with noncorrosive petroleum jelly or some other protective compound.



Do not use steel wool, abrasive cleaners, or strong detergents containing highly alkaline or caustic agents on chrome-plated or anodised aluminium parts. This may result in damage to the protective coating and cause discolouration or paint deterioration.

▼ Undercoating

This special coating is applied to the critical parts of the underside to protect vehicles from damage caused by chemicals or stones. This coating is liable to be damaged with time. Check this coating periodically.

Should repairs be necessary, consult an expert repairer (we recommend an Authorised Mazda Repairer). They are well informed on how repairs should be made.

▼ Aluminium Wheel Maintenance*

A protective coating is provided over the aluminium wheels. Special care is needed to protect this coating.



Do not use any detergent other than mild detergent. Before using any detergent, verify the ingredients. Otherwise, the product could discolour or stain the aluminium wheels.

6-60

NOTE

- Do not use a wire brush or any abrasive cleaner, polishing compound, or solvent on aluminium wheels. They may damage the coating.
- · Always use a sponge or soft cloth to clean the wheels.
 - Rinse the wheels thoroughly with lukewarm or cold water. Also, be sure to clean the wheels after driving on dusty or salted roads to help prevent corrosion.
- Avoid washing your vehicle in an automatic car wash that uses high-speed or hard brushes.
- · (19-inch wheel vehicle)

 If your aluminium wheels lose lustre, apply wax which contains no polishing powder.

▼ Plastic Part Maintenance

- · When cleaning the plastic lenses of the lights, do not use petrol, paraffin, rectified spirit, paint, thinner, highly acidic detergents, or strongly alkaline detergents. Otherwise, these chemical agents can discolour or damage the surfaces resulting in a significant loss in functionality. If plastic parts become inadvertently exposed to any of these chemical agents, flush with water immediately.
- If plastic parts such as the bumpers become inadvertently exposed to chemical agents or fluids such as petrol, oil, engine coolant, or lead-acid battery fluid, it could cause discolouration, staining, or paint peeling. Wipe off any such chemical agents or fluids using a soft cloth immediately.

- High water temperature and high water pressure car washers are available depending on the type of high pressure car washer device. If the car washer nozzle is put too close to the vehicle or aimed at one area for an extended period of time, it could deform plastic parts or damage the paint.
- Do not use wax containing compounds (polish). Otherwise, it could result in paint damage.
- In addition, do not use an electrical or air tool to apply wax. Otherwise, the frictional heat generated could result in deformation of plastic parts or paint damage.

Appearance Care

Interior Care

⚠ WARNING

Do not spray water into the vehicle cabin:

Spraying water into the vehicle cabin is dangerous as electrical devices such as the audio and switches could get wet resulting in a malfunction or vehicle fire.

NOTE

- Do not wipe the interior using alcohol, chlorine bleach, or organic solvents such as thinner, benzene, and petrol. Otherwise, it may cause discolouration or stains.
- · Rubbing hard with a stiff brush or cloth may cause damage.

If the vehicle interior becomes soiled by any of the following, wipe it off immediately using a soft cloth.

Leaving it uncleaned could cause discolouration, stains, cracks, or peeling of the coating, and it will make it hard to wipe off later.

- · Beverage or fragrance
- · Grease or oil
- Soiling

▼ Seat Belt Maintenance

- Clean the soiled area by lightly dabbing it with a soft cloth soaked in a mild detergent (approx. 5%) diluted with water.
- Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.

3. Before retracting seat belts which have been pulled out for cleaning, dry them off thoroughly and make sure there is no remaining moisture on them.

▲ WARNING

If a seat belt appears frayed or has abrasions, have it replaced by an expert repairer (we recommend an Authorised Mazda Repairer):

If a seat belt is used under such a condition, it cannot function at its full capacity which could result in serious injury or death.

Use a mild detergent to remove soiling from a seat belt:

If organic solvents are used for cleaning the seat belts or they become stained or bleached, there is the possibility of them becoming weakened and as a result, they may not function at their full capacity which could cause serious injury or death.

NOTE

Clean seat belts diligently if they get dirty. Leaving them uncleaned will make it difficult to clean them later, and it may affect the smooth retracting of the seat belt

▼ Vinyl Upholstery Maintenance

- 1. Remove dust and sand using a vacuum cleaner.
- Wipe the soiled area with a soft cloth soaked in a mild detergent (approx. 5 %) diluted with water.
- Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.

▼ Upholstery and Synthetic Leather Maintenance

Fabric

- Clean the soiled area by lightly dabbing it with a soft cloth soaked in a mild detergent (approx. 5%) diluted with water.
- Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.

Synthetic leather

- 1. Remove dust and sand using a vacuum cleaner.
- Wipe the soiled area with a soft cloth soaked in a mild detergent (approx. 5%) diluted with water.
- 3. Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.

▼ Leather Upholstery Maintenance*

- Remove dust and sand using a vacuum cleaner.
- 2. Wipe off the soiled area with a soft cloth and a suitable, special cleaner or a soft cloth soaked in a mild detergent (about 5%) diluted with water.
- Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.
- 4. Remove moisture with a dry, soft cloth and allow the leather to further dry in a well-ventilated, shaded area. If the leather gets wet such as from rain, remove the moisture and dry it as soon as possible.

NOTE

- Because genuine leather is a natural material, its surface is not uniform and it may have natural scars, scratches, and wrinkles.
- To maintain the quality for as long as possible, periodical maintenance, about twice a year, is recommended.
- If the leather upholstery comes into contact with any of the following, clean it immediately.

Leaving it uncleaned could cause premature wear, mold, or stains.

- · Sand or dirt
- · Grease or oil. such as hand cream
- · Alcohol, such as in cosmetic or hair dressing items
- If the leather upholstery gets wet, promptly remove moisture with a dry cloth. Remaining moisture on the surface may cause deterioration such as hardening and shrinkage.
- Exposure to direct sunlight for long periods may cause deterioration and shrinkage. When parking the car under direct sunlight for long periods, shade the interior using sunshades.
- Do not leave vinyl products on the leather upholstery for long periods.
 They may affect the leather quality and colouring. If the cabin temperature becomes hot, the vinyl may deteriorate and adhere to the genuine leather.

Appearance Care

▼ Plastic Part Maintenance



Do not use polishing agents.

Depending on the product ingredients, they could cause discolouration, stains, cracks or peeling of the coating.

▼ Instrument Panel Top (Soft pad) Maintenance

Extremely soft material is used for the soft pad surface. If the soft pad surface is rubbed harshly with a dry cloth, it could result in the surface being damaged and leaving white scratch marks.

- Wipe the soiled area with a soft cloth soaked in a mild detergent (approx. 5%) diluted with water.
- Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.

▼ Active Driving Display Maintenance*

Windscreen type

The dust-proof sheet has a coating. When cleaning, do not use a hard or rough-surface cloth, or cleaning detergent. In addition, if a chemical solvent gets on the active driving display, wipe it off immediately. The dust-proof sheet could be damaged and the surface coating could be scratched. Use a fine, soft cloth such as those used for cleaning eyeglasses.

NOTE

Use of compressed air when cleaning the dust-proof sheet is recommended.

Auto flip-up type

The combiner and mirror surface have a special coating. When cleaning it, do not use a hard cloth, a cloth with a rough surface, or cleaning detergent. Use a fine-textured, soft cloth.

If a chemical solvent gets on the combiner or mirror surface, wipe it off immediately. Otherwise, they could be damaged and the surface coating could be scratched.

▼ Panel Maintenance

If a panel becomes soiled, wipe it off with a soft cloth soaked in clean water and thoroughly wrung out.

If some areas require further cleaning, use the following procedure:

- Wipe the soiled area with a soft cloth soaked in a mild detergent (approx.
 %) diluted with water.
- 2. Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.

NOTE

Be particularly careful when cleaning shiny surface panels and metallic parts such as plating as they can be scratched easily.

▼ Cleaning the Window Interiors

If the windows become covered with an oily, greasy, or waxy film, clean them with glass cleaner. Follow the directions on the container.



➤ Do not scrape or scratch the inside of the window glass. It could damage the thermal filaments and the aerial lines.

Appearance Care

When washing the inside of the window glass, use a soft cloth dampened in lukewarm water, gently wiping the thermal filaments and the aerial lines. Use of glass cleaning products could damage the thermal filaments and the aerial lines.

MEMO

7

If Trouble Arises

Helpful information on what to do if a problem arises with the vehicle.

Mazda ERA-GLONASS7-2
Mazda ERA-GLONASS*7-2
Parking in an Emergency7-13
Parking in an Emergency7-13
Roadside Emergency Triangle
Retaining Strap*7-13
Flat Tyre7-14
Spare Tyre and Tool Storage 7-14
Emergency Flat Tyre Repair Kit*
7-17
Changing a Flat Tyre (With Spare
Tyre)
Lead-acid Battery Runs Out 7-30
Jump-Starting 7-30
Emergency Starting7-34
Starting a Flooded Engine
(SKYACTIV-G 2.0, SKYACTIV-G
2.5, and SKYACTIV-G 2.5T)7-34
Push-Starting
Running Out of Fuel (SKYACTIV-D
2.2)7-35

Overheating7-3
Overheating7-3
Emergency Towing7-3
Towing Description7-3
Towing Hooks7-4
Warning/Indicator Lights and
Warning Sounds7-4
If a Warning Light Turns On or
Flashes7-4
Message Indicated in Multi-
information Display7-6
Message Indicated on
Display7-6
Warning Sound is Activated7-6.
When Liftgate Cannot be
Opened7-72
When Liftgate Cannot be
Opened7-72
Active Driving Display Does Not
Operate7-7-7
If the Active Driving Display Does
Not Operate 7-7

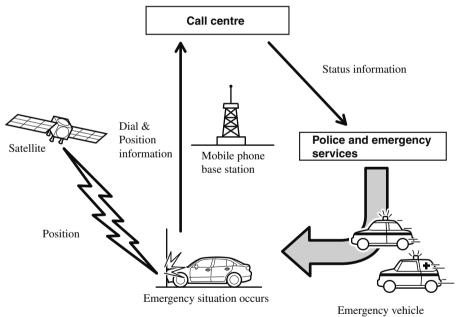
Mazda ERA-GLONASS*

When an emergency situation such as an accident or sudden illness occurs, the Mazda ERA-GLONASS dials the call centre automatically or the user can make a call to the call centre manually to enable a voice call.

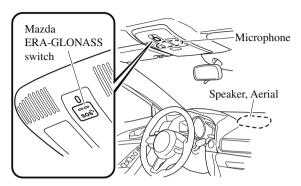
The system operates automatically when the vehicle receives an impact of a certain level or more in a collision, or it can be operated manually using the Emergency call switch if an emergency situation arises such as sudden illness.

The call centre operator confirms the status via the voice call, confirms the vehicle's position information using the GPS/GLONASS*1, and calls the police or emergency services.

*1 GPS/GLONASS, short for "Global Positioning System/Global Navigation Satellite System", is a system that obtains the vehicle's current location by receiving radio waves emitted from the GPS/GLONASS (operated by the Russian Federation) satellites to the ground.



▼ Component Parts of Mazda ERA-GLONASS





When using the Mazda ERA-GLONASS, keep medical devices such as an implanted heart pacemaker or defibrillator about 22 cm (8.7 in) or more away from the vehicle's aerial:

Otherwise, the operation of the medical device may be affected by radio waves.

Mazda ERA-GLONASS

▼ Flow of Mazda ERA-GLONASS

User status	Mazda EF	Call centre/ Police/	
User status	Automatic call	Manual call	Emergency services
Emergency situation arises such as collision or sudden illness	Automatic call made due to vehicle receiving impact of certain level or more	Mazda ERA-GLONASS switch Manual call made by user	
Rescue	Status confirmation	Status information Police and emergency services	
			Emergency vehicle

▲ CAUTION

- ➤ Do not disassemble the Mazda ERA-GLONASS. Otherwise, it could become damaged and may not function in an emergency.
- ➤ The Mazda ERA-GLONASS has a special built-in battery so that it can operate even if the power supply from the vehicle is cut such as in an accident.

 Heed the following cautions. If the Mazda ERA-GLONASS is not used correctly it may not operate.
 - ➤ The built-in battery is not a rechargeable type battery. Do not attempt to recharge the battery.
 - The built-in battery life is 3 years. Have the built-in battery replaced at an expert repairer (we recommend an Authorised Mazda Repairer) periodically.
 - If the built-in battery power is low due to natural discharge and the system determines that there is a problem, the Mazda ERA-GLONASS cannot be used. If the system determines that there is a problem, the indicator light (red) in the Emergency call switch turns on to notify the driver. Have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer). Refer to Indicator light/Beep sound on page 7-9.

NOTE

- The Mazda ERA-GLONASS can be used when the ignition is switched ON.
- There are two ways the Mazda ERA-GLONASS makes calls; automatically or manually.
- The Mazda ERA-GLONASS may not make a connection under the following conditions or depending on the use environment. If the Mazda ERA-GLONASS does not connect, make a call from another telephone such as the nearest available public telephone.
 - The vehicle is outside of a mobile phone network area
 - The vehicle is in a weak radio wave transmission environment (such as inside tunnels, underground parking areas, shadow of buildings, and mountain areas)
 - The vehicle does not receive an impact of a certain level or more even if an accident has occurred.
 - · An extremely serious collision occurs resulting in damage to the Mazda ERA-GLONASS.
 - The position information cannot be obtained when signals cannot be received from the GNSS satellites, however, voice calls are possible.
- · When a voice call is made by the Mazda ERA-GLONASS, the audio system is muted so that it does not interfere with the call.
- It may take some time for the call centre to respond after the Mazda ERA-GLONASS first starts operating.
- · If you are unable to respond to an operator's questions after the voice call begins, the operator may proceed with emergency procedures at their own discretion.

Mazda ERA-GLONASS

- Even if it is difficult for you to hear the operator's voice, your voice may be heard by the call centre. Continue explaining your circumstances.
- · If the Mazda ERA-GLONASS operates while you are making a call with your mobile phone using Bluetooth® Hands-Free, the call may be interrupted.
- · It may not be possible to receive a call using the Bluetooth® Hands-Free normally while the Mazda ERA-GLONASS is operating.
- A voice call with an operator may not be possible if the speaker or microphone is broken. If the speaker or microphone is broken, always have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
- The Mazda ERA-GLONASS may not operate normally outside of the following temperature range: If the Mazda ERA-GLONASS does not operate normally, make a call from another telephone such as the nearest available public telephone. Operation temperature range: -40 °C (-40 °F) to 85 °C (185 °F)
- There may be a difference between the position information sent to the call centre and the actual position of the vehicle where the call was made. Indicate landmarks around the position of the vehicle where the call is being made to the operator during the voice call.

Automatic emergency calls

If the vehicle receives an impact of a certain level or more in a collision, vehicle information is automatically sent to the call centre.

When the transmission of the vehicle information is completed or about 20 seconds have elapsed since the transmission began, the voice call with the call centre starts.

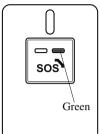


If an automatic call is made, the built-in battery power may be depleted and emergency calls may not be possible in the event that an emergency occurs again. After an automatic emergency call has been made, have the built-in battery replaced by an expert repairer (we recommend an Authorised Mazda Repairer).

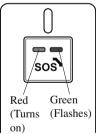
NOTE

- · Automatic emergency calls cannot be cancelled by the user.
- $\cdot \textit{ The call centre will end an emergency call. The user cannot end the emergency call.}\\$
- · If the vehicle receives an impact of a certain level or more in a collision, an automatic call is made even if the air bags do not deploy.
- · If a call is disconnected or a call cannot be made to the call centre correctly, an automatic call is made again to the call centre. Redialing cannot be cancelled.
- 1. If the vehicle receives an impact of a certain level or more in a collision, the Mazda ERA-GLONASS begins operating automatically.

2. The indicator light (green) on the Emergency call switch flashes slowly (0.5 second intervals) and the call is made to the call centre.



- 3. When the connection is established with the call centre, the indicator light (green) flashes somewhat quickly (0.3 second intervals) and the beep sounds simultaneously, and the transmission of the vehicle information begins.
- 4. When the transmission of the vehicle information is completed or about 20 seconds have elapsed since the transmission began, the beep sounds and the voice call with the call centre starts.
- 5. If the connection fails, the indicator light (red) turns on and the indicator light (green) flashes quickly (0.15 second intervals) and the beep sounds simultaneously. In this case, make a manual connection using the Emergency call switch because an automatic connection is not possible.



Manual emergency calls

With the ignition switched ON, long-press the Emergency call switch and after releasing your finger from the switch, the vehicle information is automatically transmitted to the call centre.

When the transmission of the vehicle information is completed or about 20 seconds have elapsed since the transmission began, the voice call with the call centre starts.

NOTE

• Only make calls manually for conditions requiring urgent treatment such as illness or serious injury.

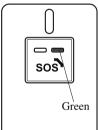
Mazda ERA-GLONASS

- · When making emergency calls manually, stop the vehicle in a safe location before making the call.
- The call centre will end an emergency call. The user cannot end the emergency call.
- · If a call is disconnected or a call cannot be made to the call centre correctly, an automatic call is made again to the call centre. To cancel the redialing, refer to Manual emergency call cancellation
- 1. Make sure that the ignition is switched ON.
- 2. Long-press the Emergency call switch on the overhead console and then release your finger from the switch.



Mazda ERA-GLONASS switch

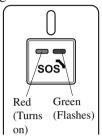
3. The indicator light (green) on the Emergency call switch flashes slowly (0.5 second intervals) and the call is made to the call centre.



- 4. When the connection is established with the call centre, the indicator light (green) flashes somewhat quickly (0.3 second intervals) and the beep sounds simultaneously, and the transmission of the vehicle information begins.
- 5. When the transmission of the vehicle information is completed or about 20 seconds have elapsed since the transmission began, the beep sounds and the voice call with the call centre starts.

6. If the connection fails, the indicator light (red) turns on and the indicator light (green) flashes quickly (0.15 second intervals), and the beep sounds simultaneously.

Make a manual emergency call again.



NOTE

If a call to the call centre does not connect even though the indicator light shows a call is possible, make a call to the police or other authority by means other than the Mazda ERA-GLONASS.

Manual emergency call cancellation

A manual emergency call can be cancelled even after the Emergency call switch has been pressed by pressing the switch again, as long as the call with the call centre has not begun. If the call cannot be cancelled and the call with the call centre has begun, tell the operator that the call is mistaken.

▼ Indicator Light/Beep Sound

The indicator light turns on/flashes and beep sounds are activated to notify the driver of the system operation status or if there is a problem with the system.

Status	Indicator light			Beep sound	On/flashing conditions
Status	Green	Red	Flash interval	status	On/masning conditions
Diagnosis	Turns on	Turns on	_	_	When the ignition is switched ON, it turns on and then turns off after a few seconds. NOTE A manual emergency call is not possible during diagnosis.
Normal	Turns off	Turns off	_	_	The system is operating normally.

Mazda ERA-GLONASS

64-4	Indicator light			Beep sound	0 10 11 111	
Status	Green	Red	Flash interval	status	On/flashing conditions	
Malfunction	Turns off	Turns on	_	3 beeps (Slow intermit- tent sound)	A system malfunction is detected. The remaining power of the built-in battery is low. CAUTION If the indicator light (red) remains on constantly, the system will not operate normally. Have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.	
Call being made with call centre	Flashes	Turns off	Slow (0.5 second in- tervals)	The beep does not sound, but the ringback tone can be heard.	An emergency call is being made by the Mazda ERA-GLO-NASS.	
Vehicle information is being transmitted	Flashes	Turns off	Somewhat quick (0.3 second in- tervals)	Continuous intermittent sound	Vehicle information is being transmitted to the call centre.	
Start of voice call	Turns on	Turns off	_	1 beep	During a voice call with the call	
During voice call	Turns on	Turns off	_	_	centre.	
Connection failure	Flashes	Turns on	Quick (0.15 second in- tervals)	3 beeps (Fast intermittent sound)	When an emergency call fails to connect.	

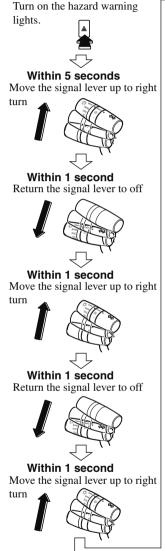
▼ Test Mode

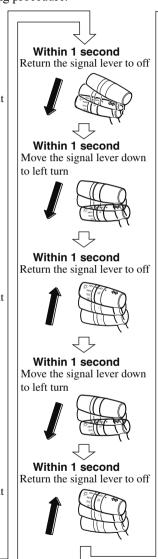
The test mode function makes sure that the Mazda ERA-GLONASS can operate normally. Have your vehicle tested at an expert repairer (we recommend an Authorised Mazda Repairer) when performing the test mode.

Method to start test mode

Switch the ignition ON while the parking brake is applied, and wait 2 minutes with the vehicle stopped.

After that, perform the following procedure.







Within 5 seconds

Turn off the hazard warning lights.



Both red and green Mazda ERA-GLONASS switch indicator lights turn on.



Within 5 seconds

Press the Mazda ERA-GLONASS switch for one second or longer and release it.



Mazda ERA-GLONASS

After the procedure is completed, the test mode is performed in the following order automatically.

Procedure is completed

ļ

Switch to test mode

1

Call is placed to call centre

1

Vehicle information is sent

1

Start of voice call

1

Voice guidance from the call centre is played

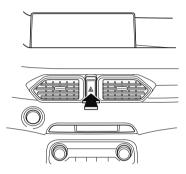
NOTE

Communication with the call centre may fail if the reception is poor. Perform the test mode in a location with good reception.

The test mode finishes automatically.

Parking in an Emergency

The hazard warning lights should always be used when you stop on or near a roadway in an emergency.



The hazard warning lights warn other drivers that your vehicle is a traffic hazard and that they must take extreme caution when near it.



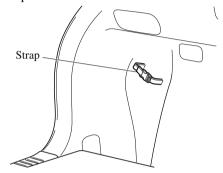
Depress the hazard warning flasher and all the direction indicators will flash. The hazard warning indicator lights in the instrument cluster flash simultaneously.

NOTE

- The direction indicators do not work when the hazard warning lights are on.
- · Check local regulations about the use of hazard warning lights while the vehicle is being towed to verify that it is not in violation of the law.

Roadside Emergency Triangle Retaining Strap*

Keep the roadside emergency triangle in the left side trim and secure it with the strap.



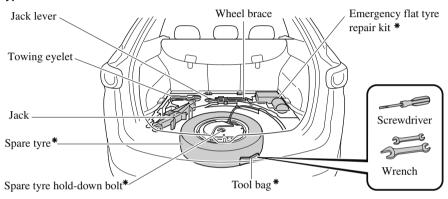
Spare Tyre and Tool Storage

NOTE

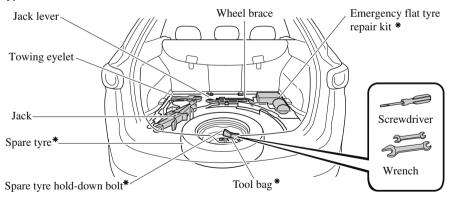
Your vehicle may or may not be equipped with a spare tyre, jack, wheel brace, and tool bag. For details, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Spare tyre and tools are stored in the locations illustrated in the diagram.

Type A



Type B

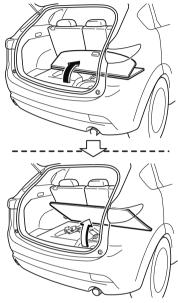


* Some models.

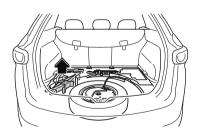
▼ Jack*

To remove the jack

1. Open the luggage board, and lift it.



2. Remove the jack.



To secure the jack

Perform the removal procedure in reverse.

Maintenance

· Always keep the jack clean.

- Make sure the moving parts are kept free from dirt or rust.
- · Make sure the screw thread is adequately lubricated.

▼ Spare Tyre*

Your Mazda has a temporary spare tyre. The temporary spare tyre is lighter and smaller than a conventional tyre, and is designed only for emergency use and should be used only for VERY short periods. Temporary spare tyres should NEVER be used for long drives or extended periods.

▲ WARNING

Do not install the temporary spare tyre on the front wheels (driving wheels):

Driving with the temporary spare tyre on one of the front driving wheels is dangerous. Handling will be affected. You could lose control of the vehicle, especially on ice or snow bound roads, and have an accident. Move a regular tyre to the front wheel and install the temporary spare tyre to the rear.



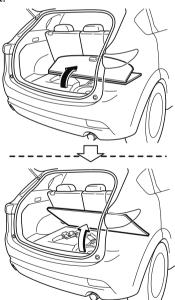
- When using the temporary spare tyre, driving stability may decrease compared to when using only the conventional tyre. Drive carefully.
- ➤ To avoid damage to the temporary spare tyre or to the vehicle, observe the following precautions:
 - ➤ Do not exceed 80 km/h (50 mph).

Flat Tyre

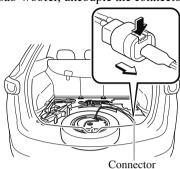
- Avoid driving over obstacles. Also, do not drive through an automatic car wash. This tyre's diameter is smaller than a conventional tyre, so the ground clearance is reduced.
- ➤ Do not use a tyre chain on this tyre because it will not fit properly.
- ➤ Do not use your temporary spare tyre on any other vehicle, it has been designed only for your Mazda.
- ➤ Use only one temporary spare tyre on your vehicle at the same time.

To remove the spare tyre

1. Open the luggage board, and remove it.



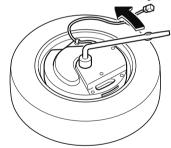
2. For vehicles equipped with a sub-woofer, uncouple the connector.



NOTE

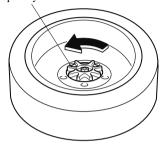
Extra strength may be required to uncouple the connector. Be sure to squeeze the tab firmly.

3. For vehicles equipped with a sub-woofer, loosen the hold-down bolt and remove the woofer and spare tyre.



For vehicles not equipped with a sub-woofer, turn the spare tyre hold-down bolt anticlockwise and remove the spare tyre.

Spare tyre hold-down bolt



To secure the spare tyre

Store the spare tyre in the reverse order of removal. After storing, verify that the spare tyre is stored securely.

Emergency Flat Tyre Repair Kit*

The emergency flat tyre repair kit included with your Mazda is for a temporary repair of a slightly damaged flat tyre resulting from running over nails or similar sharp objects on the road surface.

Perform the emergency flat tyre repair without removing the nail or similar sharp object which punctured the tyre.

NOTE

Your vehicle is not equipped with a spare tyre. In the event of a flat tyre, use the emergency flat tyre repair kit to repair the tyre temporarily. When doing the repair, refer to the instructions included in the emergency flat tyre repair kit. If an emergency repair was performed on a flat tyre using the emergency flat tyre repair kit, have an expert repairer (we recommend an Authorised Mazda Repairer), repair or replace the tyre as soon as possible.

Flat Tyre

▼ About the Emergency Flat Tyre Repair Kit

The emergency flat tyre repair kit includes the following items.





Tyre sealant

Injection hose







Compressor

Spare valve Valve core core tool





Instructions

Speed restriction sticker

MARNING

Do not allow children to touch the tyre sealant:

- Ingestion of tyre sealant is dangerous. In the event tyre sealant is accidentally swallowed, drink large amounts of water immediately and seek medical assistance.
- ➤ Tyre sealant that comes into contact with the eyes and skin is dangerous. If tyre sealant enters the eyes or contacts the skin, flush immediately with large amounts of water and seek medical assistance.

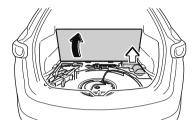
NOTE

- The tyre sealant cannot be reused.
 Purchase new tyre sealant at an expert repairer (we recommend an Authorised Mazda Repairer).
- The emergency flat tyre repair kit cannot be used in the following cases. Consult an expert repairer (we recommend an Authorised Mazda Repairer).
 - The period of effective use for the tyre sealant has expired. (The period of effectiveness is indicated on the bottle label.)
 - The tear or puncture exceeds about 4 mm (0.16 in).
 - The damage has occurred to an area of the tyre other than the tread.
 - The vehicle has been driven with nearly no air remaining in the tyre.
 - The tyre has come off the wheel rim.
 - · Damage to the wheel rim has occurred.
 - · The tyre has 2 or more punctures.

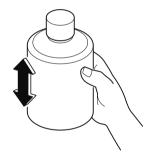
▼ Using the Emergency Flat Tyre Repair Kit

- 1. Park on a level surface off the right-of-way and set the parking brake.
- 2. Put a vehicle with an automatic transaxle in Park (P), a manual transaxle in Reverse (R) or 1, and turn off the engine.
- 3. Turn on the hazard warning flasher.

4. Unload passengers and luggage, and remove the emergency flat tyre repair kit.



5. Shake the tyre sealant well.



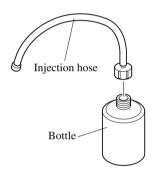
A CAUTION

If the bottle is shaken after the injection hose is screwed on, tyre sealant could spray out from the injection hose. Tyre sealant contacting clothing or other objects may be impossible to remove. Shake the bottle before screwing on the injection hose.

NOTE

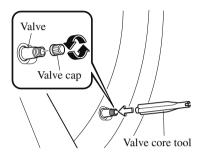
The tyre sealant can be used at outside temperatures down to -30 °C (-22 °F).

- In extremely cold temperatures (0 °C (32 °F) or below), the tyre sealant hardens easily and injection of the sealant will be difficult. Warm the sealant inside the vehicle before doing the injection work.
- 6. Remove the cap from the bottle. Screw on the injection hose with the bottle's inner cap left on to break the inner cap.



Flat Tyre

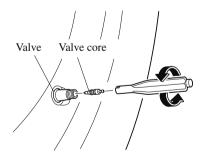
7. Remove the valve cap from the flat tyre. Press the back of a valve core tool to the core of the tyre valve and bleed all the remaining air.



A CAUTION

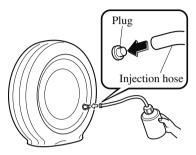
If there is air remaining in the tyre when the valve core is removed, the valve core could fly out. Remove the valve core carefully.

8. Turn the valve core anticlockwise with the valve core tool and remove the valve core.

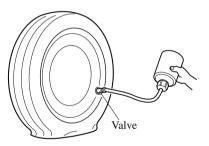


NOTEStore the valve core in a place where it will not get dirty.

9. Remove the plug from the injection hose and insert the injection hose into the valve.



10. Hold the bottom of the bottle upright, squeeze the bottle with your hands, and inject the entire amount of tyre sealant into the tyre.



NOTE

The tyre sealant cannot be reused. Purchase a new tyre sealant kit at an expert repairer (we recommend an Authorised Mazda Repairer). 11. Pull out the injection hose from the valve. Reinsert the valve core into the valve and turn it clockwise to install it.

NOTE

Do not throw away the empty tyre sealant bottle after use. Return the empty tyre sealant bottle to an expert repairer (we recommend an Authorised Mazda Repairer), when replacing the tyre. The empty tyre sealant bottle will need to be used to extract and dispose of the used sealant from the tyre.

12. Adhere the speed restriction sticker in a place where it can be viewed easily by the driver.



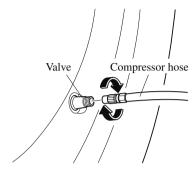
Attach the speed restriction sticker in a place where it can be viewed easily by the driver:

Applying the speed restriction sticker to the steering wheel is dangerous as it could interfere with the air bag deployment and result in serious injury.

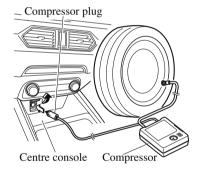
▲ CAUTION

- Do not apply speed restriction stickers on the instrument panel or displays. Otherwise, the instrument panel or displays could be scratched or damaged when removing the sticker.
- Remove the speed restriction sticker immediately after repair or replacement of a tyre.

13. Install the compressor hose to the tyre valve.



14. Insert the compressor plug into the interior accessory socket and switch the ignition to ACC (page 5-53).



▲ CAUTION

- ➤ Before pulling out the compressor plug from the electrical socket, make sure the compressor power switch is off.
- The compressor turns on and off with the push-button switch.
- 15. Turn the compressor switch on and inflate the tyre carefully to the correct inflation pressure.

Flat Tyre

M WARNING

Never operate the compressor above 300 kPa (3.1 kgf/cm², 3 bar, 43.5 psi): Operating the compressor above 300 kPa (3.1 kgf/cm², 3 bar, 43.5 psi) is dangerous. When the inflation pressure rises above 300 kPa (3.1 kgf/cm², 3 bar, 43.5 psi), heated air will be exhausted from the back of the compressor and you could be burned.

NOTE

- · Check the tyre inflation pressure label (driver's door frame) for the correct tyre inflation pressure.
- Do not use the compressor for longer than 10 minutes because using the compressor for long periods could damage it.
- If the tyre does not inflate, repair of the tyre may not be possible. If the tyre does not reach the correct inflation pressure within a 10-minute period, it probably has received more extensive damage. When this happens, the emergency flat tyre repair kit cannot be used to repair the tyre. Contact an expert repairer (we recommend an Authorised Mazda Repairer).
- · If the tyre has been over-inflated, loosen the screw cap on the compressor and bleed some of the air out.
- 16. When the tyre has been inflated to the proper inflation pressure, turn the compressor switch off and remove the compressor hose from the tyre valve.
- 17. Install the tyre valve cap.

18. Put the emergency flat tyre repair kit in the boot and continue driving.



- ➤ Drive carefully to an expert repairer (we recommend an Authorised Mazda Repairer) and keep the vehicle speed below 80 km/h (50 mph).
- ➤ If the vehicle is driven 80 km/h (50 mph) or higher, the vehicle might begin to vibrate.

NOTE (With Tyre Pressure Monitoring System)

If the tyre is not properly inflated, the tyre pressure monitoring system warning light will illuminate (page 7-46).

19. After driving the vehicle for 10 minutes or 5 km (3 miles), connect the air compressor to the tyre using Step 13 of the procedure, and check the tyre pressure with the tyre pressure gauge equipped with the compressor. If the tyre pressure has fallen below the correct tyre pressure, inflate the tyre to the correct pressure again following the steps from number 14.



➤ If the tyre inflation pressure falls below 130 kPa (1.3 kgf/cm² or bar, 18.9 psi), repair cannot be done with the repair kit. Park the vehicle on a level surface off the right-of-way and contact an expert repairer (we recommend an Authorised Mazda Repairer).

➤ If the tyre inflation pressure continues to remain low after repeating steps 13 to 20, park the vehicle on a level surface off the right-of-way and contact an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

When checking the tyre inflation pressure with the tyre pressure gauge on the compressor unit, make sure the compressor switch is turned off.

20. The emergency flat tyre repair is completed if the tyre air pressure does not decrease. Drive the vehicle carefully to the nearest expert repairer (we recommend an Authorised Mazda Repairer) promptly and have the tyre replaced. Mazda recommends that the tyre be replaced with a new one. If the tyre is to be repaired and reused, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Peel off the speed restriction sticker after replacing the tyre.



➤ For a tyre which has undergone an emergency flat tyre repair using the emergency flat tyre repair kit, Mazda recommends that the tyre be replaced with a new one as soon as possible. If the tyre is to be repaired and reused, consult an expert repairer (we recommend an Authorised Mazda Repairer).

➤ The wheel can be reused after any sealant adhering to it is wiped off and carefully inspected. However, replace the tyre valve with a new one.

▼ Inspecting the Emergency Flat Tyre Repair Kit

Inspect the emergency flat tyre repair kit at regular intervals.

- · Check the tyre sealant period of effective use.
- · Check the operation of the tyre compressor.

NOTE

The tyre sealant has a period of effective use. Check the period of effective use indicated on the bottle label and do not use it if it has expired. Have the tyre sealant replaced at an expert repairer (we recommend an Authorised Mazda Repairer) before the period of effective use has expired.

Flat Tyre

Changing a Flat Tyre (With Spare Tyre)

NOTE

If the following occurs while driving, it could indicate a flat tyre.

- · Steering becomes difficult.
- The vehicle begins to vibrate excessively.
- · The vehicle pulls in one direction.

If you have a flat tyre, drive slowly to a level spot that is well off the road and out of the way of traffic to change the tyre. Stopping in traffic or on the shoulder of a busy road is dangerous.

MARNING

Be sure to follow the directions for changing a tyre:

Changing a tyre is dangerous if not done properly. The vehicle can slip off the jack and seriously injure someone.

No person should place any portion of their body under a vehicle that is supported by a jack.

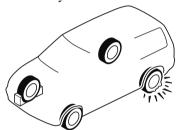
Never allow anyone inside a vehicle supported by a jack:

Allowing someone to remain in a vehicle supported by a jack is dangerous. The occupant could cause the vehicle to fall resulting in serious injury.

NOTE

Make sure the jack is well lubricated before using it.

- 1. Park on a hard, level surface off the right-of-way and firmly set the parking brake.
- 2. Shift into Park (P) and turn off the engine.
- 3. Turn on the hazard warning flasher.
- 4. Have passengers get out of the vehicle and away from the vehicle and traffic.
- 5. Remove any luggage, the jack, tools, and spare tyre (page 7-14).
- 6. Block the wheel diagonally opposite the flat tyre. When blocking a wheel, place a tyre block both in front and behind the tyre.



NOTE

When blocking a tyre, use rocks or wood blocks of sufficient size if possible to hold the tyre in place.

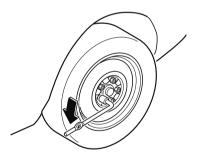
▼ Removing a Flat Tyre

▲ WARNING

When jacking-up a vehicle, always shift the selector lever to P position, apply the parking brake, and place wheel blocks in the position diagonally opposed to the jack:

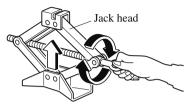
Changing a flat tyre without using wheel blocks is dangerous because the vehicle may move and fall off the jack even with the selector lever is in P position, which could result in an accident

1. Loosen the wheel nuts by turning them anticlockwise one turn each, but do not remove any wheel nuts until the tyre has been raised off the ground.

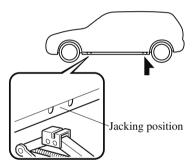


- 2. Place the jack on the ground.
- 3. Turn the jack screw in the direction shown in the figure and adjust the jack

head so that it is close to the jack-up position.

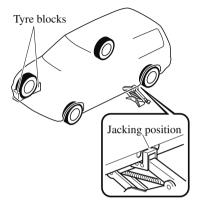


4. Place the jack under the jack-up position closest to the tyre being changed with the jack head squarely under the jack-up point.



5. Continue raising the jack head gradually by rotating the screw with

your hand until the jack head is inserted into the jack-up position.



▲ WARNING

Use only the front and rear jacking positions recommended in this manual:

Attempting to jack the vehicle in positions other than those recommended in this manual is dangerous. The vehicle could slip off the jack and seriously injure or even kill someone. Use only the front and rear jacking positions recommended in this manual.

Do not jack up the vehicle in a position other than the designated jack-up position or place any objects on or under the jack:

Jacking up the vehicle in a position other than the designated jack-up position or placing objects on or under the jack is dangerous as it could deform the vehicle body or the vehicle could fall off the jack resulting in an accident.

Use only the jack provided with your Mazda:

Using a jack that is not designed for your Mazda is dangerous. The vehicle could slip off the jack and seriously injure someone.

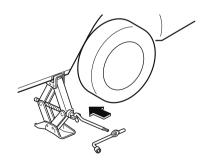
Never place objects under the jack:

Jacking the vehicle with an object under the jack is dangerous. The jack could slip and someone could be seriously injured by the jack or the falling vehicle.

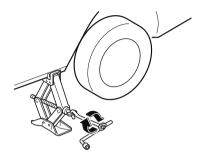
NOTE

When raising the jack head into the jacking position and aligning the groove in the jack head with the rail under the vehicle body, the top of the jack head contacts the vehicle's underbody without the rail contacting the bottom of the groove.

6. Insert the jack lever and attach the wheel brace to tyre jack.



7. Turn the jack handle clockwise and raise the vehicle high enough so that the spare tyre can be installed. Before removing the wheel nuts, make sure your Mazda is firmly in position and that it cannot slip or move.



WARNING

Do not jack up the vehicle higher than is necessary:

Jacking up the vehicle higher than is necessary is dangerous as it could destabilize the vehicle resulting in an accident.

Do not start the engine or shake the vehicle while it is jacked up:

Starting the engine or shaking the vehicle while it is jacked up is dangerous as it could cause the vehicle to fall off the jack resulting in an accident.

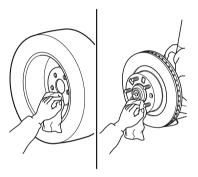
Never go under the vehicle while it is jacked up:

Going under the vehicle while it is jacked up is dangerous as it could result in death or serious injury if the vehicle were to fall off the jack.

8. Remove the wheel nuts by turning them anticlockwise; then remove the wheel

▼ Mounting the Spare Tyre

 Remove dirt and grime from the mounting surfaces of the wheel and hub, including the hub bolts, with a cloth.



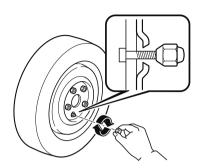
▲ WARNING

Make sure the mounting surfaces of the wheel, hub and wheel nuts are clean before changing or replacing tyres:

When changing or replacing a tyre, not removing dirt and grime from the mounting surfaces of the wheel, hub and hub bolts is dangerous. The wheel nuts could loosen while driving and cause the tyre to come off, resulting in an accident.

2. Mount the spare tyre.

3. Install the wheel nuts with the bevelled edge inward; tighten them by hand.

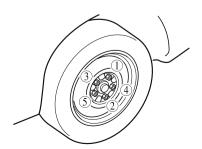


▲ WARNING

Do not apply oil or grease to wheel nuts and bolts and do not tighten the wheel nuts beyond the recommended tightening torque:

Applying oil or grease to wheel nuts and bolts is dangerous. The wheel nuts could loosen while driving and cause the tyre to come off, resulting in an accident. In addition, wheel nuts and bolts could be damaged if tightened more than necessary.

- 4. Turn the wheel brace anticlockwise and lower the vehicle.
- 5. Use the wheel brace to tighten the nuts in the order shown.



If you are unsure of how tight the nuts should be, have them inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

Nut tightening torque	
N·m (kgf·m, ft·lbf)	108—147 (12—14, 80—108)



Always securely and correctly tighten the wheel nuts:

Improperly or loosely tightened wheel nuts are dangerous. The wheel could wobble or come off. This could result in loss of vehicle control and cause a serious accident.

Be sure to reinstall the same nuts you removed or replace them with metric nuts of the same configuration:

Because the wheel studs and wheel nuts on your Mazda have metric threads, using a non-metric nut is dangerous. On a metric stud, it would not secure the wheel and would damage the stud, which could cause the wheel to slip off and cause an accident.

- 6. Remove the tyre blocks and store the tools and jack.
- 7. Store the damaged tyre in the luggage compartment.
- 8. Check the inflation pressure. Refer to Tyres on page 9-14.
- 9. Have the flat tyre repaired or replaced as soon as possible.



Do not drive with any tyres that have incorrect air pressure:

Driving on tyres with incorrect air pressure is dangerous. Tyres with incorrect pressure could affect handling and result in an accident. When you check the regular tyres' air pressure, check the spare tyre, too.

NOTE

To prevent the jack and tool from rattling, store them properly.

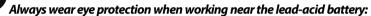
Lead-acid Battery Runs Out

Jump-Starting

Jump-starting is dangerous if done incorrectly. So follow the procedure carefully. If you feel unsure about jump-starting, we strongly recommend that you have a competent service technician do the work.



Read the following precautions carefully before using the lead-acid battery or inspecting to ensure safe and correct handling:



Working without eye protection is dangerous. Lead-acid battery fluid contains SULPHURIC ACID which could cause blindness if splashed into your eyes. Also, hydrogen gas produced during normal lead-acid battery operation, could ignite and cause the lead-acid battery to explode.



Spilled lead-acid battery fluid is dangerous.

Lead-acid battery fluid contains SULPHURIC ACID which could cause serious injuries if it gets in eyes, or on the skin or clothing. If this happens, immediately flush your eyes with water for 15 minutes or wash your skin thoroughly and get medical attention.



Allowing children to play near lead-acid batteries is dangerous. Lead-acid battery fluid could cause serious injuries if it gets in the eyes or on the skin.

Keep flames and sparks away from lead-acid battery cells and do not allow metal tools to contact the positive (+) or negative (—) terminal of the lead-acid battery when working near a lead-acid battery. Do not allow the positive (+) terminal to contact the vehicle body:

Flames and sparks near lead-acid battery cells are dangerous. Hydrogen gas, produced during normal lead-acid battery operation, could ignite and cause the lead-acid battery to explode. An exploding lead-acid battery can cause serious burns and injuries. Keep all flames including cigarettes and sparks away from lead-acid battery cells.

Keep all flames and sparks away from lead-acid battery cells because hydrogen gas is produced from lead-acid battery cells while charging the lead-acid battery or adding lead-acid battery fluid:

Flames and sparks near lead-acid battery cells are dangerous. Hydrogen gas, produced during normal lead-acid battery operation, could ignite and cause the lead-acid battery to explode. An exploding lead-acid battery can cause serious burns and injuries. Keep all flames including cigarettes and sparks away from lead-acid battery cells.

Do not jump-start a frozen lead-acid battery or one with a low fluid level:

Jump-starting a frozen lead-acid battery or one with a low fluid level is dangerous. It may rupture or explode, causing serious injury.

Connect the negative lead to a good ground point away from the lead-acid battery:

Connecting the end of the second jumper lead to the negative (—) terminal of the discharged lead-acid battery is dangerous.

A spark could cause the gas around the lead-acid battery to explode and injure someone.

Route the jumper leads away from parts that will be moving:

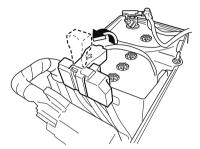
Connecting a jumper lead near or to moving parts (cooling fans, belts) is dangerous. The lead could get caught when the engine starts and cause serious injury.



- ➤ Use only a 12 V booster system. You can damage a 12 V starter, ignition system, and other electrical parts beyond repair with a 24 V power supply (two 12 V batteries in series or a 24 V motor generator set).
- Do not use vehicles with Mazda M Hybrid as a booster vehicle to prevent damaging your vehicle.

Lead-acid Battery Runs Out

- 1. Move the booster vehicle so that its battery is as close as possible to your vehicle's lead-acid battery.
- 2. Make sure that the power such as for the headlights and air conditioner is turned off.
- 3. Remove the lead-acid battery cover.



4. Turn off the booster vehicle's engine and connect the jumper leads in the following order.

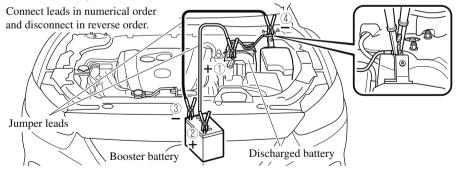
Make sure that the jumper leads are securely connected so that they do not disconnect due to engine vibrations.

1st lead

- ①Positive (+) terminal on the discharged lead-acid battery
- ②Positive (+) terminal on booster vehicle's battery

2nd lead

- Negative (-) terminal on booster vehicle's battery
- ①Location shown in the figure (do not connect to the negative (-) terminal of the lead-acid battery)



- 5. Start the booster vehicle's engine and rev the engine.
- 6. Start the engine of your vehicle. Run the engines for about 3 minutes to temporarily charge the lead-acid battery of your vehicle.
- 7. Disconnect the jumper leads in the reverse order of their connection.

Lead-acid Battery Runs Out

- 8. Install the lead-acid battery cover.
- 9. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

Emergency Starting

Starting a Flooded Engine (SKYACTIV-G 2.0, SKYACTIV-G 2.5, and SKYACTIV-G 2.5T)

If the engine fails to start, it may be flooded (excessive fuel in the engine).

Follow this procedure:

- 1. If the engine does not start within 5 seconds on the first try, wait 10 seconds and try again.
- 2. Make sure the parking brake is on.
- 3. Depress the accelerator all the way and hold it there.
- Depress the brake pedal, then press the push button start. If the engine starts, release the accelerator immediately because the engine will suddenly rev up.
- 5. If the engine fails to start, crank it without depressing the accelerator.

If the engine still does not start using the previous procedure, have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

Push-Starting

Do not push-start your Mazda.



Never tow a vehicle to start it:

Towing a vehicle to start it is dangerous. The vehicle being towed could surge forward when its engine starts, causing the 2 vehicles to collide. The occupants could be injured.

NOTE

You cannot start a vehicle with an automatic transaxle by pushing it.

Running Out of Fuel (SKYACTIV-D 2.2)



Do not try starting the engine for more than 10 seconds at a time. Doing so, could damage the starter. If the engine does not start on the first try wait about 20 seconds before trying again.

If your vehicle runs out of fuel, add at least 10 L (2.6 US gal, 2.2 Imp gal) of diesel fuel, and try to restart the engine. Because air can get into fuel lines when a vehicle runs out of fuel, your engine may take longer to start. If the engine does not start the first time, try starting it several more times. If it still does not start, contact an expert repairer (we recommend an Authorised Mazda Repairer).

Overheating

Overheating

If the temperature gauge indicates overheating or the high engine coolant temperature warning light turns on, the vehicle loses power, or you hear a loud knocking or pinging noise, the engine is probably too hot.



Pull over to a safe location, then switch the ignition off and make sure the fan is not running before attempting to work near the cooling fan:

Working near the cooling fan when it is running is dangerous. The fan could continue running indefinitely even if the engine has stopped and the engine compartment temperature is high. You could be hit by the fan and seriously injured.

Do not remove either cooling system cap when the engine and radiator are hot:

When the engine and radiator are hot, scalding coolant and steam may shoot out under pressure and cause serious injury.

Open the bonnet ONLY after steam is no longer escaping from the engine:

Steam from an overheated engine is dangerous. The escaping steam could seriously burn you.

If the temperature gauge indicates overheating or the high engine coolant temperature warning light turns on:

- 1. Drive safely to the side of the road and park off the right-of-way.
- 2. Shift into park (P).
- 3. Apply the parking brake.
- 4. Turn off the air conditioner.
- Check whether coolant or steam is escaping from the engine compartment.

If steam is coming from the engine compartment:

Do not go near the front of the vehicle. Stop the engine.

Wait until the steam dissipates, then open the bonnet and start the engine.

If neither coolant nor steam is escaping:

Open the bonnet and idle the engine until it cools.



If the cooling fan does not operate while the engine is running, the engine temperature will increase. Stop the engine and call an expert repairer (we recommend an Authorised Mazda Repairer).

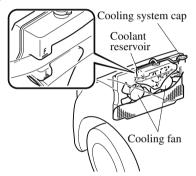
Make sure the cooling fan is operating, then turn off the engine after the temperature has decreased. 7. When cool, check the coolant level.

If it is low, look for coolant leaks from the radiator and hoses.

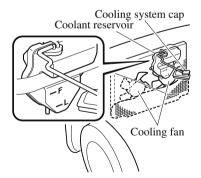
If you find a leak or other damage, or if coolant is still leaking:

Stop the engine and call an expert repairer (we recommend an Authorised Mazda Repairer).

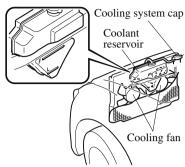
SKYACTIV-G 2.0 and SKYACTIV-G 2.5



SKYACTIV-G 2.5T



SKYACTIV-D 2.2



If you find no problems, the engine is cool, and no leaks are obvious:

Carefully add coolant as required (page 6-29).



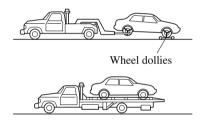
If the engine continues to overheat or frequently overheats, have the cooling system inspected. The engine could be seriously damaged unless repairs are made. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

Emergency Towing

Towing Description

We recommend that towing be done only by an expert repairer (we recommend an Authorised Mazda Repairer) or a commercial tow-truck service.

Proper lifting and towing are necessary to prevent damage to the vehicle. Particularly when towing an AWD vehicle, where all the wheels are connected to the drive train, proper transporting of the vehicle is absolutely essential to avoid damaging the drive system. Government and local laws must be followed.



A towed FWD vehicle should have its drive wheels (front wheels) off the ground. If excessive damage or other conditions prevent this, use wheel dollies.

When towing a FWD vehicle with the rear wheels on the ground, release the parking brake.

Refer to Electric Parking Brake (EPB) on page 4-106.

A towed AWD vehicle must have all its wheels off the ground.

MARNING

Always tow an AWD vehicle with all four wheels off the ground:

Towing an AWD vehicle with either the front or rear wheels on the ground is dangerous as the drive train could be damaged, or the vehicle could trail away from the tow truck and cause an accident. If the drive train has been damaged, transport the vehicle on a flatbed truck.





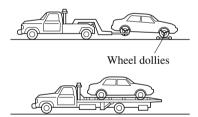
Do not tow the vehicle pointed backward with driving wheels on the ground. This may cause internal damage to the transaxle.



Do not tow with sling-type equipment. This could damage your vehicle. Use wheel-lift or flatbed equipment.



If the parking brake cannot be released when towing the vehicle, transport the vehicle with all front and rear wheels raised off the ground as shown in the figure. If the vehicle is towed without raising the wheels off the ground, the brake system could be damaged.



If towing service is not available in an emergency, the vehicle may be towed with all four wheels on the ground using the towing hook at the front of the vehicle. Only tow the vehicle on paved surfaces for short distances at low speeds.

▲ CAUTION

Follow these instructions when towing the vehicle with all wheels on the ground.

- 1. Shift to the N position.
- 2. Switch the ignition to ON.
- 3. Release the parking brake. Refer to Electric Parking Brake (EPB) on page 4-106.

Remember that power assist for the brakes and steering will not be available when the engine is not running.

Emergency Towing

Towing Hooks

▲ CAUTION

- The towing eyelet should be used in an emergency (to get the vehicle out of a ditch or a snow bank, for example).
- When using the towing eyelets, always pull the lead or chain in a straight direction with respect to the eyelet. Never apply a sideways force.

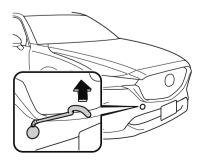
NOTE

When towing with chain or lead, wrap the chain or lead with a soft cloth near the bumper to prevent damage to the bumper.

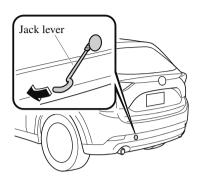
▼ Towing Hooks

- Remove the towing eyelet and the wheel brace from the luggage compartment (page 7-14).
- Wrap a flathead screwdriver or similar tool with a soft cloth to prevent damage to a painted bumper, and open the cap located on the front or rear bumper.

Front



Rear





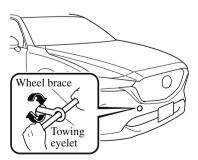
Do not use excessive force as it may damage the cap or scratch the painted bumper surface.

NOTE

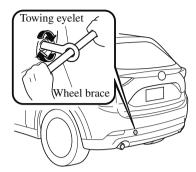
Remove the cap completely and store it so as not to lose it.

3. Securely install the towing eyelet using the wheel brace.

Front



Rear



4. Hook the towing rope to the towing eyelet.



- If the towing eyelet is not securely tightened, it may loosen or disengage from the bumper when towing the vehicle. Make sure that the towing eyelet is securely tightened to the bumper.
- ➤ Be careful not to damage the towing eyelet and towing hook, vehicle body, or transaxle system when towing under the following conditions:
 - Do not tow a vehicle heavier than yours.
 - Do not suddenly accelerate your vehicle as it will apply a severe shock to the towing eyelet and towing hook or rope.
 - Do not attach any rope other than to the towing eyelet and towing hook.

If a Warning Light Turns On or Flashes

If any warning light turns on/flashes, take appropriate action for each light. There is no problem if the light turns off, however if the light does not turn off or turns on/flashes again, consult an expert repairer (we recommend an Authorised Mazda Repairer). The details for some warnings can be viewed on the centre display or multi-information

Centre display

Mazda Connect (Type A)

- 1. If the warning light is turned on, select the icon on the home screen to display the Applications screen.
- 2. Select "Vehicle Status Monitor".
- 3. Select "Warning Guidance" to display the current warnings.
- 4. Select the applicable warning to view the warning details.

Mazda Connect (Type B)

1. Select "Information" on the home screen.

display (Type A/Type B) in the instrument cluster.

- 2. Select "Vehicle Status Monitor".
- 3. Select the applicable warning to view the warning details.

NOTE

You can also display the currently occurring warning by sliding the commander knob to the left while on the home screen of the centre display.

Multi-information display (Type A/Type B)

 Press the INFO switch on the steering switch to display the warning indication screen. Refer to Multi-information Display (Type A) on page 4-23. Refer to Multi-information Display (Type B) on page 4-42.

▼ Stop Vehicle in Safe Place Immediately

If any of the following warning lights turns on, the system may have a malfunction. Stop the vehicle in a safe place immediately and contact an expert repairer (we recommend an Authorised Mazda Repairer).

Signal	Warning
	If the brake system warning light remains illuminated the brake fluid may be low or there could be a problem with the brake system. Park the vehicle in a safe place immediately and contact an expert repairer (we recommend an Authorised Mazda Repairer).
	• WARNING Do not drive with the brake system warning light illuminated. Contact an expert repair-
(!)	er (we recommend an Authorised Mazda Repairer) to have the brakes inspected as soon as possible:
Brake System Warning Light	Driving with the brake system warning light illuminated is dangerous. It indicates that your brakes may not work at all or that they could completely fail at any time. If this light remains illuminated, after checking that the parking brake is fully released, have the brakes inspected immediately.
	▲ CAUTION
	In addition, the effectiveness of the braking may diminish so you may need to depress the brake pedal more strongly than normal to stop the vehicle.
	If the electronic brake force distribution control unit determines that some components are operating incorrectly, the control unit may illuminate the brake system warning light and the ABS warning light simultaneously. The problem is likely to be the electronic brake force distribution system.
(!) (ABS) Electronic Brake Force	▲ WARNING
Distribution System Warning	Do not drive with both the ABS warning light and brake warning light illuminated. Have the vehicle towed to an expert repairer (we recommend an Authorised Mazda Repairer) to have the brakes inspected as soon as possible:
	Driving when the brake system warning light and ABS warning light are illuminated simultaneously is dangerous. When both lights are illuminated, the rear wheels could lock more quickly in an emer-
	gency stop than under normal circumstances. If the warning light illuminates while driving, it indicates a malfunction of the alter-
Charging System Warn-	nator or of the charging system. Drive to the side of the road and park off the right-of-way. Consult an expert repairer (we recommend an Authorised Mazda Repairer).
ing Indication/Warning Light	A CAUTION
	Do not continue driving when the charging system warning light is illuminated because the engine could stop unexpectedly.

Signal	Warning
(Red) Hybrid System Warning Indication/Warning Light*	The light turns on if the Mazda M Hybrid battery has a problem. Park the vehicle in a safe place immediately and contact an expert repairer (we recommend an Authorised Mazda Repairer).
Engine Oil Warning Light	The light turns on when the engine oil pressure decreases. CAUTION Do not drive the vehicle with the engine oil warning light turned on. Driving the vehicle with decreased engine oil pressure may cause engine damage. If the engine oil warning light turns on while driving, stop the vehicle in a safe place and stop the engine. After that, contact an expert repairer (we recommend an Authorised Mazda Repairer).
(Red) High Engine Coolant Temperature Warning Indication/Warning Light	The light flashes when the engine coolant temperature is extremely high, and illuminates when the engine coolant temperature increases further. Handling Procedure Flashing light Drive slowly to reduce engine load until you can find a safe place to stop the vehicle and wait for the engine to cool down. Illuminated light This indicates the possibility of overheating. Park the vehicle in a safe place immediately and stop the engine. Refer to Overheating on page 7-36. CAUTION Do not drive the vehicle with the high engine coolant temperature warning light illuminated. Otherwise, it could result in damage to the engine.
Power Steering Malfunction Indication*	The message is displayed if the electric power steering has a malfunction. If the message is displayed, stop the vehicle in a safe place and do not operate the steering wheel. There is no problem if the message in the display turns off after a while. Contact an expert repairer (we recommend an Authorised Mazda Repairer) if the message is displayed continuously. NOTE If the message is displayed, the power steering will not operate normally. In this case, the steering wheel can still be operated, however, the operation may feel heavy compared to normal, or the steering wheel could vibrate when turning. Repeatedly jerking the steering wheel left and right while the vehicle is stopped or moving extremely slowly will cause the power steering system to go into protective mode which will make the steering feel heavy, but this does not indicate a problem. If this occurs, park the vehicle safely and wait several minutes for the system to return to normal.

Signal	Warning
	The light illuminates/flashes if the electric power steering has a malfunction. If the light illuminates/flashes, stop the vehicle in a safe place and do not operate the steering wheel. There is no problem if the light turns off after a while. Contact an expert repairer (we recommend an Authorised Mazda Repairer) if the light illuminates/flashes continuously.
Power Steering Malfunction Indicator Light*	 If the indicator light illuminates/flashes, the power steering will not operate normally. If this happens, the steering wheel can still be operated, however, the operation may feel heavy compared to normal, or the steering wheel could vibrate when turning. Repeatedly jerking the steering wheel left and right while the vehicle is stopped or moving extremely slowly will cause the power steering system to go into protective mode which will make the steering feel heavy, but this does not indicate a problem. If this occurs, park the vehicle safely and wait several minutes for the system to return to normal.

▼ Contact Expert Repairer (We Recommend Authorised Mazda Repairer) and Have Vehicle Inspected

If any of the following warning lights or the indicator light turns on/flashes, the system may have a malfunction. Contact an expert repairer (we recommend an Authorised Mazda Repairer) to have your vehicle inspected.

Signal	Warning
(ABS) ABS Warning Light	If the ABS warning light stays on while you're driving, the ABS control unit has detected a system malfunction. If this occurs, your brakes will function normally as if the vehicle had no ABS. Should this happen, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible. NOTE When the engine is jump-started to charge the lead-acid battery, uneven rpm occurs and the ABS warning light may illuminate. If this occurs, it is the result of the weak lead-acid battery and does not indicate an ABS malfunction. Recharge the lead-acid battery. The brake assist system does not operate while the ABS warning light is illuminated.

Signal	War	ning
0	With Multi-information Display (Type A/T	ype B)
	Multi-information Display	
	Type A	Type B
	Master warning indication Weblieb system maffunction Master warning light	Master warning indication Vehicle system malfunction Master Warning light
Master Warning Indication/Warning Light	(Master warning indication) Displays when notification of the system mal Check the message indicated in the display ar an Authorised Mazda Repairer). (Master warning light) The master warning light displays when a wa This indicates a malfunction with the vehicle display and consult an expert repairer (we rec For details, refer to the explanations for the w cator lights section, which match the symbol If a message is not indicated in the display, op ing" screen. Refer to Message Indicated in Multi-informat Refer to Message Indicated in Multi-informat	functions is required. and consult an expert repairer (we recommend rrning message occurs. system. Check the message indicated in the commend an Authorised Mazda Repairer). rarning/indicator lights, in the warning/indi- in the upper part of the display. berate the INFO switch to display the "Warn- ion Display (Type A) on page 4-23.
	With Multi-information Display (Type C)	
	The light illuminates continuously if any one repairer (we recommend an Authorised Mazd	e i
	There is a malfunction in the lead-acid batt There is a malfunction in the brake switch.	•
Electric Parking Brake (EPB) Warning Indication/ Warning Light	The warning light illuminates when the system spected at an expert repairer (we recommend	

Signal	Warning
	When only flashing
	Flashes if there is the possibility of the vehicle not being held in the stopped position by the AUTOHOLD function, such as on steep slopes. Depress and hold your foot on the brake pedal.
	When flashing and beep sound is activated at the same time
(Red) Brake Pedal Operation Demand Warn-	The warning light flashes and the beep sound is activated for about 5 seconds if there is a problem with the system. If the warning light flashes and the warning sound is activated, immediately depress the brake pedal and stop using the AUTOHOLD function then contact an expert repairer (we recommend an Authorised Mazda Repairer).
ing Light*	▲ WARNING
	Immediately depress the brake pedal if the warning light flashes and the beep sound is activated while using the AUTOHOLD function: Because the AUTOHOLD function is cancelled forcibly, the vehicle may move unexpectedly and result in an accident.
	This warning has the following functions:
_	Parking brake warning/Indicator light inspection The light illuminates when the parking brake is applied with the ignition switched to START or ON. It turns off when the parking brake is released.
(P)	When the light is turned on
Electric Parking Brake (EPB) Indica-	If the light remains turned on even if the parking brake is released, an expert repairer (we recommend an Authorised Mazda Repairer).
tion/Indicator Light	When the light is flashing
	The light flashes if the Electric Parking Brake (EPB) has a malfunction. If the light remains flashing even if the Electric Parking Brake (EPB) switch is operated, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

Signal	Warning
_	If this light illuminates while driving, the vehicle may have a problem. It is important to note the driving conditions when the light illuminated and consult an expert repairer (we recommend an Authorised Mazda Repairer). The check engine light may illuminate in the following cases:
	 The engine's electrical system has a problem. The emission control system has a problem. (Except SKYACTIV-D 2.2) The fuel tank level being very low or approaching empty.
Check Engine Light	If the check engine light remains on, or it flashes continuously, do not drive at high speeds and consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
	▲ WARNING
	If the check engine light turns on, do not disconnect the lead-acid battery leads. If the lead-acid battery leads are disconnected and then reconnected, the engine could be damaged and catch on fire.
	When the light is turned on
inton	A problem in the system may be indicated under the following conditions. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
i-stop (Amber) i-stop Warning	 The light does not turn on when the ignition is switched ON. The light continues to remain on even though the i-stop OFF switch has been pressed while the engine is running.
Light*	When the light is flashing
	The light continues to flash if the system has a malfunction. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
(Amber) Hybrid System Warning Indication/ Warning Light*	The light turns on if the hybrid system has a problem. Contact an expert repairer (we recommend an Authorised Mazda Repairer).
	The indication/light illuminates when the transaxle has a problem.
AT Automatic Trans- axle Warning Indi- cation/Warning Light	▲ CAUTION
	If the automatic transaxle warning indication/light illuminates, the transaxle has an electrical problem. Continuing to drive your Mazda in this condition could cause damage to your transaxle. Consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

Signal	Warning
	"4WD system malfunction" is displayed
	The indication is displayed under the following conditions. The system may have a malfunction. Have the vehicle checked at an expert repairer (we recommend an Authorised Mazda Repairer).
4WD	When there is a malfunction in the AWD system. When there is a large difference between the tyre size of the front and rear wheels.
AWD Warning Indi-	"4WD system high-load" is displayed
cation*	The indication is displayed under the following conditions. Park the vehicle in a safe place and check that the warning indication light turns off, and then drive the vehicle. Contact an expert repairer (we recommend an Authorised Mazda Repairer) if the indication is continuously displayed.
	 When the differential oil temperature is excessively high. When there is a large difference between the front and rear wheel rotation, such as when trying to remove the vehicle from mud.
	When the light is turned on
	The light turns on under the following conditions. The system may have a malfunction. Have the vehicle checked at an expert repairer (we recommend an Authorised Mazda Repairer).
4WD	When there is a malfunction in the AWD system. When there is a large difference between the tyre size of the front and rear wheels.
AWD Warning	When the light is flashing
Light*	Park the vehicle in a safe place. After a few moments, if the warning light stops flashing, you can resume driving. If the light does not stop flashing, contact an expert repairer (we recommend an Authorised Mazda Repairer).
	When the differential oil temperature is excessively high. When there is a large difference between the front and rear wheel rotation, such as when trying to remove the vehicle from mud.
(Turns on) TCS/DSC Indicator Light	If the light stays on, the TCS, DSC or the brake assist system may have a malfunction and they may not operate correctly. Take your vehicle to an expert repairer (we recommend an Authorised Mazda Repairer).

Signal	Warning
Air Bag/Seat Belt Pretensioner System Warning Light	A system malfunction is indicated if the warning light constantly flashes, constantly illuminates or does not illuminate at all when the ignition is switched ON. If any of these occur, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible. The system may not operate in an accident. Never tamper with the air bag/pretensioner systems and always have an expert repairer (we recommend an Authorised Mazda Repairer) perform all servicing and repairs: Self-servicing or tampering with the systems is dangerous. An air bag/pretensioner could accidentally activate or become disabled causing serious injury or death.
(Flashing) Tyre Pressure Monitoring System Warning Light*	If the tyre pressure monitoring system has a malfunction, the tyre pressure warning light flashes. Have your vehicle checked by an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible. **WARNING** If the tyre pressure monitoring system warning light illuminates or flashes, or the tyre pressure warning beep sound is heard, decrease vehicle speed immediately and avoid sudden manoeuvring and braking: If the tyre pressure monitoring system warning light illuminates or flashes, or the tyre pressure warning beep sound is heard, it is dangerous to drive the vehicle at high speeds, or perform sudden manoeuvring or braking. Vehicle drivability could worsen and result in an accident. To determine if you have a slow leak or a flat, pull over to a safe position where you can check the visual condition of the tyre and determine if you have enough air to proceed to a place where air may be added and the system monitored again by an expert repairer (we recommend an Authorised Mazda Repairer) or a tyre repair station. Do not ignore the TPMS Warning Light: Ignoring the TPMS warning light is dangerous, even if you know why it is illuminated. Have the problem taken care of as soon as possible before it develops into a more serious situation that could lead to tyre failure and a dangerous accident.

Signal	Warning
	"Keyless System malfunction" is displayed This message is displayed if the advanced keyless entry & push button start system has a problem. Contact an expert repairer (we recommend an Authorised Mazda Repairer).
	▲ CAUTION
(Amber)	If the message is indicated, or the push button start indicator light (amber) flashes, the engine may not start. If the engine cannot be started, try starting it using the emergency operation for starting the engine, and have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible. Refer to Emergency Operation for Starting the Engine on page 4-10.
KEY Warning Indi- cation*	"Set Power to OFF" is displayed
	This message is displayed when the driver's door is opened without switching the ignition off.
	"Key not found" is displayed
	This message is displayed when any of the following operations is performed with the key out of the operational range or placed in areas inside the cabin where it is difficult for the key to be detected.
	The push button start is pressed with the ignition switched off
	The ignition is switched on All doors are closed without switching the ignition off
	If any malfunction occurs in the keyless entry system, it illuminates continuously.
j •	▲ CAUTION
(Red) (Turns on) KEY Warning Light*	If the key warning indicator light illuminates or the push button start indicator light (amber) flashes, the engine may not start. If the engine cannot be started, try starting it using the emergency operation for starting the engine, and have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
	Refer to Emergency Operation for Starting the Engine on page 4-10.
Security Indicator	If the engine does not start with the correct key, and the security indicator light remains illuminated or flashing, try the following: Make sure the key is within the operational range for signal transmission. Switch the ignition off, and then restart the engine. If the engine does not start after 3 or more tries, con-
Light	tact an expert repairer (we recommend an Authorised Mazda Repairer).
≣(The light remains turned on if there is a problem with the system. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
(Amber) High Beam Control System (HBC) Warning Indication/ Warning Light*	NOTE If the Forward Sensing Camera (FSC) field of view is impaired during bad weather conditions (such as rain, fog, and snow) and when the windscreen is dirty, the warning indication/warning light for the High Beam Control System (HBC) may display/turn on. However, this does not indicate a problem.

Signal	Warning
≣ (A)	The light remains turned on if there is a problem with the system. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
(Amber) Adaptive LED Headlights (ALH) Warning Indication/ Warning Light*	NOTE If the Forward Sensing Camera (FSC) field of view is impaired during bad weather conditions (such as rain, fog, and snow) and when the windscreen is dirty, the warning indication/warning light for the Adaptive LED Headlights (ALH) may display/turn on. However, this does not indicate a problem.
e _{ne}	The Warning indication turns on if there is any malfunction in the Blind Spot Monitoring (BSM). Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).
Blind Spot Monitor- ing (BSM) Warning Indication*	NOTE If the vehicle is driven on a road with less traffic and few vehicles that the radar sensors can detect, the system may pause. However, it does not indicate a malfunction.
	A problem in the system may be indicated under the following conditions. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
OFF Blind Spot Monitoring (BSM) OFF In-	 The light does not turn on when the ignition is switched ON. The light remains on even when the Blind Spot Monitoring (BSM) system can be operated. The light turns on while driving the vehicle.
dicator Light*	NOTE
	If the vehicle is driven on a road with less traffic and few vehicles that the radar sensors can detect, the system may pause (The Blind Spot Monitoring (BSM) OFF indicator light in the instrument cluster illuminates). However, it does not indicate a malfunction.
(Amber) Driver Attention Alert (DAA) Warning Indication*	The message is displayed when the system has a malfunction. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
**	
(Amber) Mazda Radar Cruise Control (MRCC)	The message is displayed when the system has a malfunction. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
Warning Indication*	

Signal	Warning
(Amber) Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) Warning Indication*	The message is displayed when the system has a malfunction. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
Cruising & Traffic Support (CTS) Warning Indication*	The message is displayed when the system has a malfunction. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).
Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) Warning Indication*	The message is displayed when the system has a malfunction. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer). The system does not operate when the warning message is displayed. CAUTION Always use tyres for all wheels that are of the specified size, and the same manufacture, brand, and tread pattern. In addition, do not use tyres with significantly different wear patterns on the same vehicle. If such improper tyres are used, the system may not operate normally. When an emergency spare tyre is used, the system may not operate normally.
LED Headlight Warning Light	This light illuminates if there is a malfunction in the LED headlight. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Taking Action

Take the appropriate action and verify that the warning light turns off.

Signal	Warning	Action to be taken
C (C') D 1 C	The light turns on if the windscreen or the radar sensor are dirty, or there is a malfunction in the system.	Verify the reason why the warning light is illuminated on the centre display. If the reason why the warning light is illuminated is due to a dirty windscreen, clean the windscreen. If the warning light is illuminated because of a dirty radar sensor, clean the front emblem. For any other reasons, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

Signal	Warning	Action to be taken
Low Fuel Warning Indication/Warning Light	The light turns on when the remaining fuel is about 9.0 L (2.3 US gal, 1.9 Imp gal). NOTE The light illumination timing may vary because fuel inside the fuel tank moves around according to the driving conditions and the vehicle posture.	Add fuel.
Engine Oil Level Warning Light	This warning light indicates that the engine oil level is around the MIN mark (page 6-28).	Add 1 L (0.3 US gal, 0.2 Imp gal) of engine oil (page 6-24).
120 km/h 120km/h Warning Light*	The 120 km/h warning light illuminates when the vehicle speed exceeds 120 km/h.	Lower the vehicle speed.
	The seat belt warning light turns on if the driver or front passenger's seat is occupied and the seat belt is not fastened with the ignition switched ON. If the driver or front passenger's seat belt is unfastened (only when the front passenger's seat is occupied) and the vehicle is driven at a speed faster than about 20 km/h (12 mph), the warning light flashes. After a short time, the warning light stops flashing, but remains illuminated. If a seat belt remains unfastened, the warning light flashes again for a given period of time.	
PASSENGER, Seat Belt Warning Light (Front seat)	NOTE If the driver or front passenger's seat belt is unfastened after the warning light turns on, and the vehicle speed exceeds 20 km/h (12 mph), the warning light flashes again. To allow the front passenger occupant classification sensor to function properly, do not place and sit on an additional seat cushion on the front passenger's seat. The sensor may not function properly because the additional seat cushion could cause sensor interference. If a small child is seated on the front passenger's seat, the warning light may not operate.	Fasten the seat belts.

Signal	Warning	Action to be taken
REAR (Red) (Red) Seat Belt Warning Light (Rear seat)	If the rear seat belts are not fastened while the ignition is switched ON, the driver and the passenger are alerted by the warning light. The warning light operates even if there is no passenger on the rear seat. NOTE If a rear seat belt is not fastened by a certain period of time after the engine has been started, the warning light turns off.	Fasten the seat belts.
Low Washer Fluid Level Warning Indica- tion/Warning Light*	This warning light indicates that little washer fluid remains.	Add washer fluid (page 6-32).
Door-Ajar/Lift- gate-Ajar Warning In- dication/Warning Light	The light turns on if any door/liftgate is not closed securely.	Close the door/liftgate securely.

Tyre Pressure Monitoring System Warning Light (Turns on)*



Take the appropriate action and verify that the warning light turns off.

Warning

When the warning light illuminates, and the warning beep sound is heard when tyre pressure is too low in one or more tyres.



If the tyre pressure monitoring system warning light illuminates or flashes, or the tyre pressure warning beep sound is heard, decrease vehicle speed immediately and avoid sudden manoeuvring and braking:

If the tyre pressure monitoring system warning light illuminates or flashes, or the tyre pressure warning beep sound is heard, it is dangerous to drive the vehicle at high speeds, or perform sudden manoeuvring or braking. Vehicle drivability could worsen and result in an accident.

To determine if you have a slow leak or a flat, pull over to a safe position where you can check the visual condition of the tyre and determine if you have enough air to proceed to a place where air may be added and the system monitored again by an expert repairer (we recommend an Authorised Mazda Repairer) or a tyre repair station.

Do not ignore the TPMS Warning Light:

Ignoring the TPMS warning light is dangerous, even if you know why it is illuminated. Have the problem taken care of as soon as possible before it develops into a more serious situation that could lead to tyre failure and a dangerous accident.

Action to be taken

Inspect the tyres and adjust to the specified inflation pressure (page 6-41).



When replacing/repairing the tyres or wheels or both, have the work done by an Authorised expert repairer (we recommend an Authorised Mazda Repairer), or the tyre pressure sensors may be damaged.

NOTE

- Perform tyre pressure adjustment when the tyres are cold. Tyre pressure will vary according to the tyre temperature, therefore let the vehicle stand for 1 hour or only drive it 1.6 km (1 mile) or less before adjusting the tyre pressures. When pressure is adjusted on hot tyres to the cold inflation pressure, the TPMS warning light/beep may turn on after the tyres cool and pressure drops below specification.
- Also, an illuminated TPMS warning light, resulting from the tyre air pressure dropping due to cold ambient temperature, may turn off if the ambient temperature rises. In this case, it will also be necessary to adjust the tyre air pressures. If the TPMS warning light illuminates due to a drop in tyre air pressure, make sure to check and adjust the tyre air pressures.
- After adjusting the tyre air pressures, it may require some time for the TPMS warning light to turn off. If the TPMS warning light remains illuminated, drive the vehicle at a speed of at least 25 km/h (16 mph) for 10 minutes, and then verify that it turns off.
- Tyres lose air naturally over time and the TPMS cannot tell if the tyres are getting too soft over time or you have a flat. However, when you find one low tyre in a set of four-that is an indication of trouble; you should have someone drive the vehicle slowly forward so you can inspect any low tyre for cuts and any metal objects sticking through tread or sidewall. Put a few drops of water in the valve stem to see if it bubbles indicating a bad valve. Leaks need to be addressed by more than simply refilling the trouble tyre as leaks are dangerous—take it to an expert repairer (we recommend an Authorised Mazda Repairer) which has all the equipment to fix tyres, TPMS systems and order the best replacement tyre for your vehicle.

If the warning light illuminates again even after the tyre pressures are adjusted, there may be a tyre puncture.

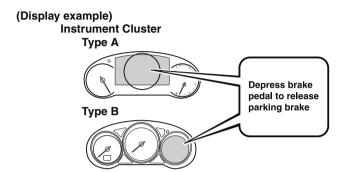
KEY Warning Indication/Warning Light

Take the appropriate action and verify that the warning light turns off.

Signal	Cause	Action to be taken
(White) KEY Warning Indication	The key battery is dead.	Replace the key battery (page 6-41).
j a	The key battery is dead.	Replace the key battery (page 6-41).
	The key is not within the operation range.	
	The key is placed in areas inside the cabin where it is difficult for the key to be detected.	Bring the key into the operation range (page 3-8).
(Red) (Flashing) KEY Warning Light	A key from another manufacturer similar to the key is in the operation range.	Take the key from another manufacturer similar to the key out of the operation range.
	Without the ignition switched off, the key is taken out of the cabin, and then all the doors are closed.	Bring the key back into the cabin.

Message Indicated in Multi-information Display

If there is a notification from the vehicle, a message is displayed in the multi-information display. Check the information and take the necessary action.



If the warning light turns on/flashes simultaneously or a symbol is indicated in the display, check the information regarding the warning light or symbol.

Refer to If a Warning Light Turns On or Flashes on page 7-42.

Display*1	Content	Action to be taken
Set Shift Lever to	Indicated when the push button start is pressed while the selector lever is not in the P position.	Shift the selector lever to the P position.
Engine Stalled	Indicated when a seat belt is unfastened and the driver's door is opened while the i-stop function is operating.	Press the push button start again to start the engine. (Shift the selector lever to the P position before starting the en- gine.)
Depress brake pedal to start engine	Indicated when the push button start is pressed without depressing the brake pedal.	Depress the brake pedal and press the push button start.
Steering locked	Indicated while the steering wheel is locked.	Release the steering lock.
Depress brake pedal to release parking brake	Indicates when the Electric Parking Brake (EPB) switch is operated without depressing the brake pedal.	Operate the Electric Parking Brake (EPB) switch while depressing the brake pedal.
Brake Hold Unavailable Depress Brake to Hold Position	Indicates when there is a problem with the brake related system while the vehicle is being held in a stop position by the AUTOHOLD function or during the Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) stop hold control.	Depress the brake pedal. Cancel the AUTOHOLD function or the Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function), and have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

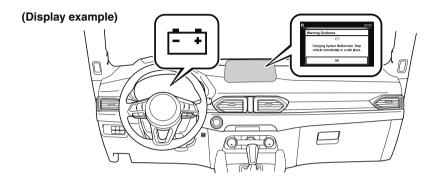
Display*1	Content	Action to be taken
Incline Too Steep Vehicle May Not Be Able to Hold Stopped Position	Indicates the possibility of the vehicle not being held in the stopped position by the AUTOHOLD function or the Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) stop hold control, such as on steep slopes.	Depress and hold your foot on the brake pedal.
Brake Pedal Must Be Depressed to Deactivate Auto Hold System	Indicates when the cancel operation is done without depressing the brake pedal while the vehicle is being held in the stopped position by the AUTOHOLD function.	Cancel the AUTOHOLD function stop hold control while depressing the brake pedal.
Fast Idle Due to Diesel Injector Cleaning	Indicated when the engine speed increases because the engine is being cleaned internally.	The engine speed will increase while the engine is running an internal cleaning cycle with the selector lever in the P or N position. Do not stop the engine while the engine speed is high. When the cleaning cycle is completed, the engine speed will return to normal.
Mi-Drive Unavailable Due to System Malfunction	This message is indicated when the Mi-Drive switch is operated while there is a problem with the Mazda intelligent Drive Select (Mi-Drive) related system.	Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).
SPORT Mode Unavailable Due to Speed/Cruise Control Use	This message is indicated when SPORT mode is selected while Mazda Radar Cruise Control (MRCC), Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function), and Cruising & Traffic Support (CTS) are operating.	When Mazda Radar Cruise Control (MRCC), Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function), and Cruising & Traffic Support (CTS) are operating, the vehicle cannot be driven in SPORT mode.
Mi-Drive Canceled Due to System Malfunction	This message is indicated when there is a problem with the related system during Mi-Drive operation.	Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).
SPORT Mode Canceled Due to Speed/Cruise Control Use	This message is indicated when Mazda Radar Cruise Control (MRCC), Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function), and Cruising & Traffic Support (CTS) are turned on while the vehicle is being driven in SPORT mode.	When Mazda Radar Cruise Control (MRCC), Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function), and Cruising & Traffic Support (CTS) are operating, the vehicle cannot be driven in SPORT mode.
Mi-Drive Selection Temporarily Unavailable	This message is indicated when the Mi-Drive switch operation is not accepted during ABS operation.	Operate the Mi-Drive switch during steady driving.

Display*1	Content	Action to be taken
Lanceled	This message is indicated when	If this message is indicated even though the Mi-Drive switch is operated again, have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).
Before Exiting	This message is indicated when the driver's door is opened with the selector lever is in a position other than the P or N position.	

^{*1} The displayed content may differ from the actual vehicle.

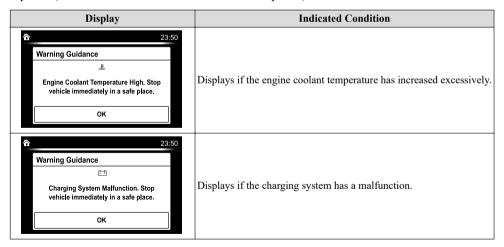
Message Indicated on Display

If a message is displayed in the centre display (Mazda Connect), take appropriate action (in a calm manner) according to the displayed message.



▼ Stop Vehicle in Safe Place Immediately

If the following messages are displayed in the centre display (Mazda Connect), a vehicle system may be malfunctioning. Stop the vehicle in a safe place and contact an expert repairer (we recommend an Authorised Mazda Repairer).



▼ Verify Display Content

Displays in the following cases:

Display	Indicated Condition/Action to be taken
O2:01 Temperature Warning Display is too Hot. Screen performance may be decreased until it cools. OK	The following message is displayed when the temperature around the centre display is high. Lowering the temperature in the cabin or the temperature around the centre display by avoiding direct sunlight is recommended.

Warning Sound is Activated

▼ Lights-On Reminder

If lights are on and the ignition is switched to ACC or off, a continuous beep sound will be heard when the driver's door is opened.

NOTE

- When the ignition is switched to ACC, the "Ignition Not Switched Off (STOP) Warning Beep" (page 7-66) overrides the lights-on reminder.
- · A personalised function is available to change the sound volume for the lights-on reminder. Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Air Bag/Seat Belt Pretensioner System Warning Beep

If there is a problem with the air bag/seat belt pretensioner systems and the warning light illumination, a warning beep sound will be heard for about 5 seconds every minute

The air bag and seat belt pretensioner system warning beep sound will continue to be heard for approximately 35 minutes. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

▲ WARNING

Do not drive the vehicle with the air bag/ seat belt pretensioner system warning beep soundina:

Driving the vehicle with the air bag/seat belt pretensioner system warning beep sounding is dangerous. In a collision, the air bags and the seat belt pretensioner system will not deploy and this could result in death or serious injury. Contact an expert repairer (we recommend an Authorised Mazda Repairer) to have the vehicle inspected as soon as possible.

▼ Seat Belt Warning Beep

Front seat

If the vehicle speed exceeds about 20 km/h (12 mph) with the driver or front passenger's seat belt unfastened, a warning beep sounds continuously. If the seat belt remains unfastened, the beep sound stops once and then continues for a certain period. The beep stops after the driver or front passenger's seat belt is fastened.

NOTE

- · Placing heavy items on the front passenger seat may cause the front passenger seat belt warning function to operate depending on the weight of the item.
- To allow the front passenger seat weight sensor to function properly, do not place and sit on an additional seat cushion on the front passenger seat. The sensor may not function properly because the additional seat cushion could cause sensor interference.

· When a small child sits on the front passenger seat, it is possible that the warning beep will not operate.

Rear seat

The warning beep only sounds if a seat belt is unfastened after being fastened.

▼ Ignition Not Switched Off (STOP) Warning Beep

European models

If the driver's door is opened with the ignition switched to ACC, a beep will be heard 6 times in the cabin to notify the driver that the ignition has not been switched OFF (STOP). Under this condition, the keyless entry system will not operate, the vehicle cannot be locked, and the lead-acid battery voltage will be depleted.

Except European models

If the driver's door is opened with the ignition switched to ACC, a beep will be heard continuously in the cabin to notify the driver that the ignition has not been switched OFF (STOP). Under this condition, the keyless entry system will not operate, the vehicle cannot be locked, and the lead-acid battery voltage will be depleted.

▼ Key Removed from Vehicle Warning Beep

Vehicles with advanced keyless function

If the key is taken out of the vehicle while the ignition is not switched OFF and all the doors are closed, the beep which sounds outside of the vehicle will be heard 6 times, the beep which sounds inside the vehicle will be heard 6 times.

Vehicles without advanced keyless function

If the key is taken out of the vehicle while the ignition is not switched OFF and all the doors are closed, a beep will be heard in the cabin 6 times.

NOTE

Because the key utilizes low-intensity radio waves, the Key Removed From Vehicle Warning may activate if the key is carried together with a metal object or it is placed in a poor signal reception area.

▼ Request Switch Inoperable Warning Beep (With the advanced keyless function)

If the request switch is pressed with the door open or ajar, or the ignition is not switched OFF with a key being carried, a beep will be heard outside for about 2 seconds to notify the driver that the door or liftgate cannot be locked.

▼ Key Left-in-luggage Compartment Warning Beep (With the advanced keyless function)

If the key is left in the luggage compartment with all the doors locked and the liftgate closed, a beep will be heard outside for about 10 seconds to notify the driver that the key is in the luggage compartment. In this case, take out the key by pressing the electric liftgate opener and opening the liftgate. The key taken out of the luggage compartment may not operate because its functions have been temporarily stopped. To restore the key's functions, perform the applicable procedure (page 3-9).

▼ Key Left-in-vehicle Warning Beep (With the advanced keyless function)

If all the doors and luggage compartment are locked using another key while the key is left in the cabin, the beep which sounds outside of the vehicle will be heard for about 10 seconds to notify the driver that the key is in the cabin. In this case, take out the key by opening the door. A key taken out of the vehicle using this method may not operate because its functions have been temporarily stopped. To restore the key's functions, perform the applicable procedure (page 3-9).

▼ Electronic Steering Lock Warning Beep

The warning beep operates if the steering wheel is not unlocked after the push button start is pressed. (page 4-4)

▼ Power Liftgate Warning Beep*

If system operation precautions are necessary, the driver is notified by the warning sound.

Cautions	What to check
The beep sounds 3 times	The conditions required for the power liftgate to operate have not been met, such as an object being stuck in the lift- gate.
The beep sound continues	The vehicle is being driven with the liftgate open. Stop the vehicle and close the liftgate.

▼ Outside Temperature Warning Beep*

Warns the driver of the possibility of icy roads when the outside temperature is low. If the outside temperature is lower than about 4 °C (39 °F), a beep sound is heard once and the outside temperature display flashes for about 10 seconds.

(Type A instrument cluster)

Refer to Outside Temperature Display on page 4-28.

(Type B instrument cluster)

Refer to Outside Temperature Display on page 4-47.

(Type C instrument cluster)

Refer to Outside Temperature Display on page 4-64.

▼ i-stop Warning Beep*

- If the driver's door is opened while engine idling is stopped, the warning sound operates to notify the driver that engine idling is stopped. It stops when the driver's door is closed.
- · (European model)

The warning sound operates if the following operations are performed while the engine idling is stopped. In such cases, the engine does not restart automatically to ensure safety. Start the engine using the normal method.

 With the selector lever in the D or M (not in second gear fixed mode) position, the driver's seat belt is unfastened and the driver's door is opened.

▼ Vehicle Speed Alarm*

The vehicle speed alarm function is designed to alarm the driver via a single beep sound and a warning indication in the instrument cluster that the previously set vehicle speed has been exceeded. You can change the vehicle speed setting at which the warning is triggered.

▼ 120 km/h Warning Beep*

If the vehicle speed exceeds 120 km/h, a chime sounds for 5 seconds.

▼ Electric Parking Brake (EPB) Warning Beep

The warning buzzer is activated under the following conditions:

- The vehicle is driven with the parking brake applied.
- The Electric Parking Brake (EPB) switch is pulled while the vehicle is driven.

▼ AUTOHOLD Warning Beep

Warning light flashes/message is displayed and beep sound is activated simultaneously for about 5 seconds when using AUTOHOLD function or when AUTOHOLD switch is operated. Because a problem with AUTOHOLD function has occurred, AUTOHOLD function does not operate even if AUTOHOLD switch is operated.

If the warning light flashes/message is displayed and the beep sound is activated simultaneously, have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Power Steering Warning Buzzer

If the power steering system has a malfunction, the power steering malfunction indication/malfunction indicator light turns on or flashes and the buzzer operates at the same time.

Refer to Stop Vehicle in Safe Place Immediately on page 7-42.

▼ Tyre Inflation Pressure Warning Beep*

The warning beep sound will be heard for about 3 seconds if the tyre pressures decrease.

Refer to Tyre Pressure Monitoring System on page 4-319.

▼ Blind Spot Monitoring (BSM) Warning Beep*

Driving forward

The warning beep operates when the direction indicator lever is operated to the side where the Blind Spot Monitoring (BSM) warning light is illuminated.

NOTE

A personalised function is available to change the Blind Spot Monitoring (BSM) warning beep sound volume.
Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

Reversing

The Blind Spot Monitoring (BSM) warning sound is activated if there is a possibility of collision with a vehicle approaching from behind and from the rear on the left and right sides of the vehicle.

▼ Mazda Radar Cruise Control (MRCC) System Warnings*

The Mazda Radar Cruise Control (MRCC) system warnings notify the driver of system malfunctions and cautions on use when required.

Check based on the beep sound.

Warning beep	What to check
The beep sounds 1 time while the Mazda Radar Cruise Control (MRCC) is operating	The vehicle speed is slower than 25 km/h (16 mph) and the Mazda Ra- dar Cruise Control (MRCC) system has been cancelled.
(European models) The beep sounds 5 times while driving (Except European models) The beep continues to	The distance between your vehicle and the vehicle ahead is too close. Verify the safety of the surrounding area and re-
sound while the vehicle is being driven.	duce vehicle speed.
When the Mazda Radar Cruise Control (MRCC) is operating, the beep sounds and the multi-in- formation display indi- cates a problem with the Mazda Radar Cruise Control (MRCC) sys- tem.	A malfunction in the system may be indicated. Have your vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) System Warnings*

The Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) system warnings notify the driver of system malfunctions and cautions on use when required. Check based on the beep sound.

eneck bused on the seep sound.		
Warning beep	What to check	
The beep sounds 1 time while the Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) is operating	The Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function) sys- tem has been cancelled.	
(European models) The beep sounds 3 times while driving (Except European models) The beep continues to sound while the vehicle is being driven.	The distance between your vehicle and the vehicle ahead is too close. Verify the safety of the surrounding area and reduce vehicle speed.	
When the Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go func- tion) is operating, the beep sounds and the multi-information dis- play indicates a problem with the Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go func- tion) system.	A malfunction in the system may be indicated. Have your vehicle in- spected at an expert re- pairer (we recommend an Authorised Mazda Repairer).	

▼ Lane Departure Warning Sound*

While the system is operating, if the system determines that the vehicle may depart from the lane, it sounds a warning sound.

NOTE

- The volume of the Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) warning sound can be changed.
 - Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).
- The type of the Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) warning sound can be changed.
- Refer to the Mazda Connect Owner's Manual or consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼ Excessive Speed Warning*

If the vehicle speed exceeds the speed limit sign displayed on the active driving display, the warning sound is activated and the area around the speed limit sign displayed on the active driving display flashes 10 times in amber, and if the vehicle speed continues to exceed the displayed speed limit sign, the indication stops flashing and remains on.

▼ Speed Limiter Warning Beep*

If the vehicle speed exceeds the set speed by about 5 km/h (3 mph) or more, a warning beep operates continuously. The warning beep operates until the vehicle speed decreases to the set speed or less.



(With cruise control)

If the set speed is set lower than the current vehicle speed by pressing the SET/- or RES/+ switch, the warning beep is not activated for about 30 seconds even if the vehicle speed is faster than the newly set speed by 5 km/h (3 mph). Be careful not to drive over the set speed.

(With Mazda Radar Cruise Control (MRCC) or Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function))

If the set speed is set lower than the current vehicle speed by pressing the SET- or RES switch, the warning beep is not activated for about 30 seconds even if the vehicle speed is faster than the newly set speed by 5 km/h (3 mph). Be careful not to drive over the set speed.

NOTE

When the system is temporarily cancelled by depressing the accelerator pedal fully, the ASL display shows the cancel display. Even if the vehicle speed exceeds the set speed by about 5 km/h (3 mph) or more while the cancel display is displayed, the warning sound is not operated.

▼ Collision Warning*

If there is a possibility of a collision with a vehicle ahead or an obstruction at the rear of the vehicle, the warning light in the instrument cluster flashes at the same time as the warning indication is displayed in the multi-information display or active driving display, and a warning sound is activated intermittently.

When Liftgate Cannot be Opened

When Liftgate Cannot be Opened

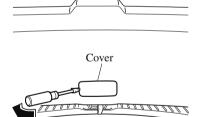
If the lead-acid battery is dead, the liftgate cannot be unlocked and opened.

In this case, the liftgate can be unlocked by taking care of the dead lead-acid battery situation.

Refer to Jump-Starting on page 7-30. If the liftgate cannot be unlocked even if the dead lead-acid battery situation has been resolved, the electrical system may have a malfunction.

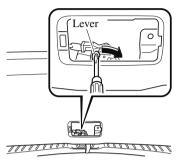
In this case, the liftgate can be opened using the following procedure as an emergency measure.

1. Wrap the end of a flathead screwdriver in a cloth and remove the cover on the interior surface of the liftgate using it.



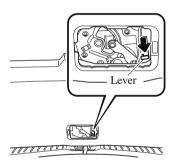
2. (Without power liftgate)

Turn the lever to the right to unlock the liftgate.



(With power liftgate)

Push the liftgate while pressing the lever down.



After performing this emergency measure, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

If the Active Driving Display Does Not Operate

If the active driving display does not operate, switch the ignition off and then restart the engine. If the active driving display does not operate even with the engine restarted, have the vehicle inspected at an expert repairer (we recommend an Authorised Mazda Repairer).

MEMO

8

Customer Information

Important consumer information including warranties and add-on equipment.

Warranty	. 8-2
Registering Your Vehicle in A	
Foreign Country	8-2
Add-On Non-Genuine Parts and	
Accessories	.8-3
Cell Phones	.8-4
Cell Phones	
	. 8-4

Electromagnetic Compatibility 8-	97
Electromagnetic	
Compatibility8-	97
Collection/Disposal of Old Equipmen	ıt/
Collection/Disposal of Old Equipmen Used Battery8	
	.99
Used Battery8-	. 99 n
Used Battery8- Information for Users on Collectio	. 99 n d

Warranty

Registering Your Vehicle in A Foreign Country

Registering your vehicle in a foreign country may be problematic depending on whether it meets the specific emission and safety standards of the country in which the vehicle will be driven. Consequently, your vehicle may require modifications at personal expense in order to meet the regulations.

In addition, you should be aware of the following issues:

Satisfactory vehicle servicing may be difficult or impossible in another country.

The fuel specified for your vehicle may be unavailable.

Parts, servicing techniques, and tools necessary to maintain and repair your vehicle may be unavailable

There might not be an expert repairer (we recommend an Authorised Mazda Repairer) in the country you plan to take your vehicle.

The Mazda warranty is valid only in certain countries.

Add-On Non-Genuine Parts and Accessories

Please note that technical alterations to the original state of your Mazda vehicle can affect the safety of the vehicle. Such technical alterations include not only the use of unsuitable spare parts, but also accessories, fittings or attachments, including rims and tyres.

Genuine Mazda Parts and Genuine Mazda Accessories have been specifically designed for Mazda vehicles.

Other parts and accessories than those mentioned above have not been examined and approved by Mazda unless explicitly stated by Mazda. We cannot certify the suitability of such products. Mazda is not liable for any damage caused by the use of such products.



Be very careful in choosing and installing add-on electrical equipment, such as mobile telephones, two-way radios, stereo systems, and car alarm systems:

Incorrectly choosing or installing improper add-on equipment or choosing an improper installer is dangerous. Essential systems could be damaged, causing engine stalling, air-bag (SRS) activation, ABS/TCS/DSC inactivation, or a fire in the vehicle.

Mazda assumes no responsibility for death, injury, or expenses that may result from the installation of add-on non-genuine parts or accessories.

Cell Phones

Cell Phones Warning



Please comply with the legal regulations concerning the use of communication equipment in vehicles in your country:

Use of any electrical devices such as cell phones, computers, portable radios, vehicle navigation or other devices by the driver while the vehicle is moving is dangerous. Dialing a number on a cell phone while driving also ties-up the driver's hands. Use of these devices will cause the driver to be distracted and could lead to a serious accident. If a passenger is unable to use the device, pull off the right-of-way to a safe area before use. If use of a cell phone is necessary despite this warning, use a hands-free system to at least leave the hands free to drive the vehicle. Never use a cell phone or other electrical devices while the vehicle is moving and, instead, concentrate on the full-time job of driving.

▼ Keyless Entry System/Immobilizer System

The full text of the EU declaration of conformity is available at the following internet address:https://www.mitsubishielectric-mobility.com/doc/re_documents.html

Manufacturer: MITSUBISHI ELECTRIC CORPORATION, SANDA WORKS

2-3-33, Miwa, Sanda-City, Hyogo 669-1513, Japan

Model: SKE13E-03

Operation frequency: 433.92 MHz Maximum output power: 10mW Model: SKE134-01, SKE133-02 Operation frequency: 125 kHz

Maximum output power: 107dB µ V/m at. 10 meters

Model: SKE136-01

Operation frequency: 433.92 MHz

CAUTION - Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type.

Please check and obey all local laws and regulations for the disposal of batteries or

accumulations

Never dispose of battery in fire or mechanical crushing or cutting.

If battery is incorrectly discarded or heated to high temperature (100 °C(212°F) or higher), gas may be generated inside battery, causing electrolyte leak, internal short circuit,

heat generation, explosion and violent flaring.

CAUTION - Do not expose Hand Unit to excessive heat such as sunshine, fire or the like.

WARNING

Do not ingest the battery, Chemical Burn Hazard

This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention

The caution mark of ISO 7000-0434 is located on the internal case.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Україна

справжнім MITSUBISHI ELECTRIC CORPORATION, SANDA WORKS заявляє, що тип радіообладнання (SKE133-02, SKE134-01, SKE13E-03) відповідає Технічному регламенту радіообладнання.

Повний текст декларації про відповідність доступний на веб-сайті за такою адресою: http://www.mitsubishielectric.com/bu/automotive/doc/ukr.html

საქართველო

კომპანია MITSUBISHI ELECTRIC CORPORATION, SANDA WORKS აცხადებს, რომ უგასაღებო სისტემის ტიპის რადიო-აღჭურვილობა (SKE133-02, SKE134-01, SKE136-01, SKE13E-03) შეესაბამება ევროკავშირის დირექტივას 2014/53/EU.

ევროკავშირის შესაზამისობის დეკლარაციის სრული ტექსტი ხელმისაწვდომია შემდეგ ინტერნეტ-მისამართზე: https://www.mitsubishielectric-mobility.com/doc/re_documents.html

FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Keyless System Radio approval Marking









Oman - TRA

D090258

R/0231/11: SKE136-01 R/0234/11: SKE134-01 R/0233/11: SKE133-02 R/7622/19: SKE13E-03

Ghana

SKE136-01 NCA APPROVED: 3R8-8M-0E-13E SKE134-01 NCA APPROVED: 3R8-8M-0E-13F SKE133-02 NCA APPROVED: 3R8-8M-EX-140 SKE13E-03 NCA APPROVED: ZRO-M8-7E3-X3A









SKE133-02





NR: 2021-02-I-0092 Model: SKE13E-03 NR: 2021-02-I-0083 Model: SKE134-01 NR: 2021-02-I-0082 Model: SKE133-02

BOCRA REGISTERED No:

BOCRA/TA/2021/2606:SKE136-01 BOCRA/TA/2021/2607:SKE133-02 BOCRA/TA/2021/2608:SKE134-01 BOCRA/TA/2019/4837:SKE13E-03

SKE134-01





SKE133-02





SKE136-01





低功率射頻器材技術規範

取得審驗證明之低功率射頻器材,非經核准,公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信;經發現有干擾現象時· 應立即停用·並改善至無干擾時方得繼續使用。

前述合法通信,指依電信管理法規定作業之無線電通信。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

This product has been Type Approved by Jamaica: SMA -SKE13D-03/SKE135-01/SKE134-01/ SKE133-02.

Nigeria

Connection and use of this communications equipment is permitted by the Nigerian Communications Commission

Senegal

AGREE PAR ARTP SENEGAL

Numéro d'agrément : 072254/AG/ER (SKE13E-03) Numéro d'agrément : 072255/AG/ER (SKE133-02) Numéro d'agrément : 072256/AG/ER (SKE134-01)

▼ Blind Spot Monitoring (BSM) System

Hereby, FURUKAWA AUTOMOTIVE SYSTEMS INC., declares that the radio equipment type 24GMMR1A is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

http://www.furukawaas.co.jp/english/approval/

	Frequency range: 24.05 GHz to 24.25 GHz
English	Maximum radiated peak power(e.i.r.p): 2.8 dBm
	Temperature range : -40°C to +85°C
	Честотен диапазон: 24,05 GHz до 24,25 GHz
Bulgarian	Максимално излъчвана върхова мощност (еиим): 2,8 dBm
	Температурен диапазон: -40°C до +85°C
	Frekvenční rozsah: 24,05 GHz až 24,25 GHz
Czech	Maximum vyzářeného výkonu (e.i.r.p): 2,8 dBm
	Teplotní rozsah: -40°C až +85°C
	Frekvensinterval: 24,05 GHz til 24,25 GHz
Danish	Maksimalt udstrålede spidseffekt (e.i.r.p): 2,8 dBm
	Temperaturinterval: -40°C til +85°C
	Frequenzbereich: 24,05 GHz bis 24,25 GHz
German	Max. Strahlung sleistungspegel (EIRP): 2,8 dBm
	Temperaturbereich: -40°C bis +85°C
	Sagedusala: 24,05 GHz kuni 24,25 GHz
Estonian	Maksimaalne kiirguse tippvõimsus (ekvivalentne isotroopne kiirgusvõimsus): 2,8 dBm
	Temperatuurivahemik: -40 °C kuni +85 °C
	Raon minicíochta:idir 24.05 GHz agus 24.25 Ghz
Gaeilge	Buaic-chumhacht radaithe uasta (e.i.r.p): 2.8 dBm
Raon teochta: -40°C to +85°C	
	Περιοχή συχνοτήτων: 24,05 GHz έως 24,25 GHz
Greek	Μέγιστη ακτινοβολούμενη ισχύς αιχμής (ιιαι): 2,8 dBm Εύρος θερμοκρασίας: -40°C έως +85°C
	Rango de Frecuencia: 24,05 GHz a 24,25 GHz
Spanish	Potencia Isótropa Radiada Equivalente (e.i.r.p, por sus siglas en inglés): 2,8 dBm Rango de temperatura: -40°C a +85°C
	Bande de fréquence: 24,05 GHz to 24,25 GHz Puissance maximale de crête rayonnée (e.i.r.p): 2,8 dBm
French	Écart de température: -40°C à +85°C
	Frekvencijski raspon: 24,05 GHz do 24,25 GHz Maksimalna emitirana vršna snaga (e.i.r.p): 2,8 dBm
hrvatski	Raspon temperatura: -40°C do +85°C
 	Gamma di frequenza : da 24,05 GHz ta 24,25 GHz Picco massimo delle potenza irradiata (e.i.r.p): 2,8 dBm
Italian	Escursione termica: da -40°C a +85°C

Latvian	Frekvences diapazons: 24,05 GHz līdz 24,25 GHz Maksimālā izstarotā maksimālā jauda (e.i.r.p): 2,8 dBm Temperatūras diapazons: -40°C līdz +85°C
Lithuania	Dažnio intervalas: 24,05–24,25 GHz Didžiausioji spinduliuotės galia (EIRP): 2,8 dBm Temperatūros intervalas: -40–+85 °C
Lëtzebuergesch	Frequenzberäich: 24.05 GHz bis 24.25 GHz Maximal ausgestraalt Spëtzteleeschtung (e.i.r.p): 2.8 dBm Temperaturberäich:-40°C bis +85°C
Hungarian	Frekvenciatartomány: 24,05 GHz - 24,25 GHz Maximum sugárzott csúcsteljesítmény (e.i.r.p): 2,8 dBm Hőmérsékleti tartomány: -40 °C - +85 °C
Maltese	Medda tal-frekwenza: 24.05 GHz sa 24.25 Ghz L-ogħla qawwa rradjata massima (e.i.r.p): 2.8 dBm Firxa tat-Temperatura: -40°C sa +85°C
Dutch	Frequentiebereik: 24,05 GHz tot 24,25 GHz Maximaal uitgezonden vermogen (EIRP): 2,8 dBm Temperatuurbereik: -40°C tot +85°C
German	Frequenzbereich: 24,05 GHz bis 24,25 GHz Max. Strahlung sleistungspegel (EIRP): 2,8 dBm Temperaturbereich: -40°C bis +85°C
Polish	Zakres częstotliwości: od 24,05 GHz do 24,25 GHz Maksymalna wypromieniowana moc (EIRP): 2,8 dBm Zakres temperatur: od -40°C do +85°C
Portuguese	Alcance de frequência: 24,05 GHz a 24,25 GHz Máximo Potência de pico irradiada (e.i.r.p): 2,8 dBm Faixa de temperatura: -40°C a +85°C
Rumanian	Interval de frecvență: 24,05 GHz - 24,25 GHz Putere de vârf maximă radiată (e.i.r.p): 2,8 dBm Interval de temperatură: -40 °C - +85 °C
Slovenian	Frekvenčni razpon: 24,05 GHz do 24,25 GHz Maksimalna zračena moč (e.i.r.p): 2,8 dBm Temperaturni razpon: -40°C to +85°C
Slovakian	Frekvenčný rozsah: 24,05 GHz až 24,25 GHz Maximum efektívneho izotropného vyžiareného výkonu (e.i.r.p): 2,8 dBm Teplotný rozsah: -40°C zž +85°C
Finnish	Taajuusalue: 24,05 – 24,25 GHz Maksimi säteilyhuipputeho (e.i.r.p): 2,8 dBm Lämpötila-alue: -40°C - +85°C
Swedish	Frekvensintervall: 24,05 GHz till 24,25 GHz Högsta utstrålade maximal effekt (e.i.r.p): 2,8 dBm Temperaturintervall: -40°C till +85°C

United Kingdom	FURUKAWA AUTOMOTIVE SYSTEMS INC., hereby declare, at our sole responsibility,that 24GMMR1A conforms to the essential requirements of the radio equipment regulations of the United Kingdom. The UK Declaration of Conformity is available at the following address: http://www.furukawaas.co.jp/english/approval/	
Moldova	Company: FURUKAWA AUTOMOTIVE SYSTEMS INC. Street: 5-1-9 Location: Higashi-yawata, Hiratsuka, Kanagawa Country: Japan Prin prezenta, FURUKAWA AUTOMOTIVE SYSTEMS INC. declară că tipul de echipamente radio 24GMMR1A este în conformitate cu Reglementarea tehnică "Punerea la dispozitie pe piată a echipamentelor radio". Textul integral al declarației de conformitate este disponibil la următoarea adresă de Internet: http://www.furukawaas.co.jp/english/approval/ Gama de frecvențe: 24.05 GHz 24.25 GHz Putere Transmit : 2.8 dBm (maxim)	
Ukraine	МОDEL:24GMMR1A FURUKAWA ELECTRIC CO.,Ltd. Aдреса виробника: FURUKAWA AUTOMOTIVE SYSTEMS INC. 1000, Amago, Koura-cho, Inukami-gun, Shiga, JAPAN справжнім (FURUKAWA ELECTRIC CO.,Ltd.) заявляє, що тип радіообладнання (Радіолокатор периферійного безперервного нагляду діапазоном 24 ГГц) відповідає Технічному регламенту радіообладнання; повний текст декларації про відповідність доступний на веб-сайті за такою адресою (http://www.furukawaas.co.jp/english/approval/24gmmr1a/) Діапазон частот: від 24,05 до 24,25 ГГц Максимальна пікова потужність випромінювання (еквівалентна ізотропній потужностії; 2,8 Дбм Діапазон температур: від -40 °С до + 85 °С	

	информация о соответствии п	родукции требованиям Технических регламентов
		аможенного союза
	(вкладыш	к руководству по эксплуатации)
		FURUKAWA AUTOMOTIVE SYSTEMS INC., 1000 Amago Koura-cho, Inukami-qun, Shiga 522-0242, Japan
		ООО «Мазда Мотор Рус» Ленинградское шоссе 16А, стр. 2, 125171 Мо ква, РФ
	3. Информация для связи	См. п. 2
	4. Торговая марка	FURUKAWA ELECTRIC
		-название:24GMMR1A -обозначение: 24GHz Multimode Pulse Radar
		Диапазон чатот: 24.05~24.25Ггц Макс. Выходная мощность: <20дБм (ЭИИМ)
		Обнаружение положения и движения объектов в ассистентов соврем ных систем водителей
		8-16В постоянного тока, <1A
		Япония
	10 Courset CTRVET TPTC	TPTC020/2011 «Электромагнитная совместимость Технических средств»
	11. Прав ила и условия безопасной эксп	Оборудование предназначено для использования в автомобиле. При емпературе воздуха от -40 до +85 °C и относительной влажности не в ше 95%.
	12 Правила и условия монтажа	Монтаж оборудования производится в соответствии с «Руков одств о по установке», припагаемом к данному оборудованию
	13. Правила и условия хранения	Оборудование должно храниться в закрытых помещениях, в заводско упаковке, при температуре окружающего воздуха-40-85°С и относител ной влажности не выше 95%.
Russian	14. Правилаиу словия перевозки (транс	Перевозка и транспортировка об орудования допускается только в за дской упаковке, любыми видами транспорта, без ограничения рассто ий.
	15. Правила и условия реализации	Устанавливается позади заднего бампера автомобиля
	16. Правила и усповивутилизации	По окончании срока службы оборудования, обратитесь к официально диперу для утилизации оборудования.
		Производится в соответствии с «Руководство по установке», прилага мом к данному оборудованию
	сведения оо ограничениях в исполь зовании сучетом предназначения д ня работы вжилых, коммерческих и	Оборудов ание предназначено для использования в жилых, коммерче их и производственных зонах без воздействия опасных и в редных пр зе одственных факторов. Оборудование предназначено для круппосут чной непрерывной эксппу атации без постоянного присутствия обслуж вающего персонала
	19. Информацию омерах при неисправн ости оборудования	В случае обнаружения неисправности прибора свяжитесь с дилером.
	Месяц и год изготовления и (или) ин	Дата изготовления указана в серийном номере на коробке устройства Серийный номер .: АВСОЕГСНИКЦИМОР (16 цифр) т. год (одна цифры) - Одна последняя цифра в возрасте христианск о года i - J. месяц (две цифры) k - f. Дата (две цифры)
	21. Знак соответствия	m - p: серийный номер (четыре цифры) - 0001 ~ 9999
	21. Сведения о регистрации деклараци и о соответствии	Регистрационный номер декларации о соответствии: ТС N RU Д-JP.ME79,В.00099 Дата регистрация декларации о соответствии: 10.10.2016

Malaysia	MCMC HIDF18000266	Singapore	Complies with IDA Standards [No. DA100926]
United Arab Emirates	TRA Registered No: ER46653/16 DEALER No: DA51567/16	South Africa	TA-2016/630 APPROVED
Oman	OMAN-TRA R/3369/16 D080134	Serbia	А мо11 16
Vietnam	THACO-MAZDA C00022019 TOT THACO-AUTO C090024F		
INDONESIA	80066/SDPPI/2	2	
Taiwan	1. Antenna name: 24GMMR1A-ANT 2. Antenna type: Planar array 3. Antenna gain (from the local testing result): Gain(dBi) 13.2 @24.05GHz 13.4 @24.15GHz 13.5 @24.25GHz 4. Statement below in Chinese: 第十二條 經型式影體合格之低功率射頻電機,非經許可,公司、商號或使用者均不得擅自麥更頻率、加大功率麥更原設計之特性及功能。 第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信;經發現有干擾現象時,應立即停用,並善善工無子變的方傳電循便用。前項合 法通信,指依電信法規定作奠之無線電通信。低功率射頻電機須忍受合法值信或工業,科學交擊責用更減輻射性電機設備之干擾。		: ; 經發現有干擾現象時,應立即停用,並改
Paraguay	Marca: FURUKAWA Modelo: 24GMMR1A Fabricante: Furukawa Automotive Systems INC. Número del Registro:2021-02-I-0069		
Israel	לת אישור משרד	אנטנה חיצונית, בלא קבי	מספר חברה יבואן ו-510947153 תל איסור לבצע פעולות במכשיר שיש בהן כדי ובכלל זה שינוי תוכנה, החלפת אנטנה מקורית או הוספת אפשרות לחיבור ל' התקשורת, בשל החשש להפרעות אלחוטיות.
	טיות.	של חשש להפרעות אלווי	חל איסור על הפעלת המכשיר מחוץ למבנה, בי

· Made by ADC automotive Distance Control Systems GmbH

EU/Moldova

Manufacture Postal Address

ADC Automotive Distance Control Systems GmbH
Peter-Domier-Strasse 10, 88131 Lindau, Germany

Bulgarian

ОПРОСТЕНА ЕС ДЕКЛАРАЦИЯ ЗА СЪОТВЕТСТВИЕ	С настоящото ADC Automotive Distance Control Systems GmbH декларира, че този тип радиосъоръжение SRR 3-A е в съответствие с Директива 2014/53/EC. Цялостният текст на EC декларацията за съответствие може да се намери на следния интернет адрес: http://continental.automotive-approvals.com/
	радиочестотната лента или ленти, в която или които работи радиосъоръжението: 24.05–24.25 GHz
	максималната радиочестотна мощност, излъчвана в радиочестотната лента или ленти, в която или които работи радиосъоръжението.: 100mW (20 dBm) Peak EIRP

Spanish

DECLARACIÓN UE DE CONFORMIDAD SIMPLIFICADA	Por la presente, ADC Automotive Distance Control Systems GmbH declara que el tipo de equipo radioeléctrico SRR 3-A es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección
	Internet siguiente:
	http://continental.automotive-approvals.com/
	Banda o bandas de frecuencia en las que opera el equipo radioeléctrico:
	24.05–24.25 GHz
	Potencia máxima de radiofrecuencia transmitida en la banda o bandas de frecuencia
	en las que opera el equipo radioeléctrico:
	100mW (20 dBm) Peak EIRP

Czech

EU PROHLÁ ŠENÍ O vého zaříz SHODĚ prohlášení		Tímto ADC Automotive Distance Control Systems GmbH prohlašuje, že typ rádio- vého zařízení SRR 3-A je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: http://continental.automotive-approvals.com/
		Kmitočtové pásmo (kmitočtová pásma), v němž (v nichž) rádiové zařízení pracuje: 24.05–24.25 GHz
		Maximální radiofrekvenční výkon vysílaný v kmitočtovém pásmu (v kmitočtových pásmech), v němž (v nichž) je rádiové zařízení provozováno: 100mW (20 dBm) Peak EIRP

Dansih

FORENKLET EU- OVERENSSTEMME LSESERKLÆRING	Hermed erklærer ADC Automotive Distance Control Systems GmbH, at ra- dioudstyrstypen SRR 3-A er i overensstemmelse med direktiv 2014/53/EU. EU- overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: http://continental.automotive-approvals.com/ riekvensbarid, som radioudstyret iurigerer pa. 24.05–24.25 GHz
	Maksimal radiofrekvenseffekt, der udsendes i de frekvensbånd, som radioudstyret fungerer på: 100mW (20 dBm) Peak EIRP

German

VEREINFACHTE EU- KONFORMITÄTSER KLÄRUNG	Hiermit erklärt ADC Automotive Distance Control Systems GmbH, dass der Funkanlagentyp SRR 3-A der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: http://continental.automotive-approvals.com/
	Das Frequenzband oder die Frequenzbänder, in dem bzw. denen die Funkanlage betrieben wird: 24.05–24.25 GHz
	Die in dem Frequenzband oder den Frequenzbändern, in dem bzw. denen die Funkanlage betrieben wird, abgestrahlte maximale Sendeleistung: 100mW (20 dBm) Peak EIRP

Estonian

LIHTSUSTATUD ELI VASTAVUSDEKLA RATSIOON	Käesolevaga deklareerib ADC Automotive Distance Control Systems GmbH, et käe- solev raadioseadme tüüp SRR 3-A vastab direktiivi 2014/53/EL nõuetele. ELi vasta- vusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressii: http://continental.automotive-approvals.com/
	Sagedusriba(d), millel raadioseade töötab: 24.05–24.25 GHz
	Raadioseadme töösagedus(t)el edastatav maksimaalne saatevõimsus: 100mW (20 dBm) Peak EIRP

Greek

OI CCIL	
ΑΠΛΟΥΣΤΕΥΜΕΝΗ ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ	Με την παρούσα ο/η ADC Automotive Distance Control Systems GmbH, δηλώνει ότι ο ραδιοεξοπλισμός SRR 3-Α πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: http://continental.automotive-approvals.com/
	Οι ζώνες συχνοτήτων στις οποίες λειτουργεί ο ραδιοεξοπλισμός: 24.05–24.25 GHz
	η μέγιστη ραδιοηλεκτρική ισχύς στις ζώνες συχνοτήτων στις οποίες λειτουργεί ο ραδιοεξοπλισμός: 100mW (20 dBm) Peak EIRP

English

SIMPLIFIED EU DECLARATION OF CONFORMITY	Hereby, ADC Automotive Distance Control Systems GmbH declares that the radio equipment type SRR 3-A is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://continental.automotive-approvals.com/
	Frequency band(s) in which the radio equipment operates: 24.05–24.25 GHz
	Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates: 100mW (20 dBm) Peak EIRP

French

	DECLARATION UE DE CONFORMITE SIMPLIFIEE	Le soussigné, ADC Automotive Distance Control Systems GmbH, déclare que l'équipement radioélectrique du type SRR 3-A est conforme à la directive 2014/5/3/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
-		http://continental.automotive-approvals.com/
		Bandes de fréquences utilisées par l'équipement radioélectrique:
		24.05–24.25 GHz
		Puissance de radiofréquence maximale transmise sur les bandes de fréquences utili-
		sées par l'équipement radioélectrique:
		100mW (20 dBm) Peak FIRP

Croatian

POJEDNOSTAVLJE NA EU IZJAVA O SUKLADNOSTI	ADC Automotive Distance Control Systems GmbH ovime izjavljuje da je radijska oprema tipa SRR 3-A u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:: http://contriental.automotive-approvals.com/
	Frekvencijski pojas (frekvencijski pojasi) u kojem (kojima) radijska oprema radi: 24.05–24.25 GHz
	Najweća radiofrekvencijska snaga koja se prenosi u frekvencijskom pojasu (frekvencijskim pojasima) u kojem (kojima) radijska oprema radi: 100mW (20 dBm) Peak EIRP

Italian

DICHIARAZIONE DI CONFORMITÀ UE SEMPLIFICATA	Il fabbricante, ADC Automotive Distance Control Systems GmbH, dichiara che il tipo di apparecchiatura radio SRR 3-A è conforme alla direttiva 2014/53/UE. Il testo com- pleto della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: http://continental.automotive-approvals.com/
	Bande di frequenza di funzionamento dell'apparecchiatura radio: 24.05–24.25 GHz
	Massima potenza a radiofrequenza trasmessa nelle bande di frequenza in cui opera l'apparecchiatura radio: 100mW (20 dBm) Peak EIRP

Lativian

VIENKAR ŠOTA ES ATBILSTĪBAS DEKLARĀCIJA	Ar šo ADC Automotive Distance Control Systems GmbH deklarē, ka radioiekārta SRR 3-A atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarā cijas teksts ir pi- eejams šādā interneta vietnē:
	http://continental.automotive-approvals.com/
	Frekvenču joslu(-as), kurā(-ās) radioiekārtas darbojas:
	24.05–24.25 GHz
	Frekvenču joslā(-ās), kurā(-ās) darbojas radioiekārtas, maksimālo pārraidītā signāla
	jaudu.:
	100mW (20 dBm) Peak EIRP

Lithunian

SUPAPRASTINTA ES ATTIKTIES DEKLARACIJA	Aš, ADC Automotive Distance Control Systems GmbH, patvirtinu, kad radijo įrenginių lipas SRR 3-4 alilinka Direklyvą 2014/53/FS. Visas FS aliliklies dektaracijos lekstas prieinamas šiuo interneto adresu: http://continental.automotive approvals.com/
	Dažnių juosta (-os), kurioje (-iose) veikia radijo įrenginiai: 24 05–24 25 GHz
	Didžiausia radijo dažnių galia, perduodama toje (tose) dažnių juostoje (-ose), kurioje (-iose) veikia radijo įrenginiai: 100mW (20 dBm) Peak EIRP

Hungarian

EGYSZERÜSÍTETT EU- MEGFELELŐSÉGI	ADC Automotive Distance Control Systems GmbH igazolja, hogy a SRR 3-A típusú rádióberendezés megfelel a 2014/53/EU irányelvnek, Az EU-megfelelőségi nyilat-
	kozat teljes szövege elérhető a következő internetes címen::
NYILATKOZAT	http://continental.automotive-approvals.com/
	Az(ok) a frekvenciasáv(ok), amely(ek)en a rádióberendezés működik:
	24.05-24.25 GHz
	Az abban a frekvenciasávban vagy azokban a frekvenciasávokban továbbított max-
	imális jelerősség, amely(ek)ben a rádióberendezés üzemel:
	100mW (20 dBm) Peak EIRP

Maltese

Triditese	
DIKJARAZZJONI SSIMPLIFIKATA TA' KONFORMITÀ TAL- UE	B'dan, ADC Automotive Distance Control Systems GmbH, niddikjara li dan it-tip ta' tagnir tar-radju SRR 3-A huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli fdan I-indirizz tal-Internet li ģej: http://continental.automotive-approvals.com/
	II-medda/meded tal-frekwenza li jaħdem fihom it-tagħmir tar-radju: 24.05–24.25 GHz
	II-potenza massima tal-frekwenza tar-radju trażmessa fil-medda/meded tal- frekwenza ii jahdem filnom I-taghmir tar- radju: 100mW (20 dRm) Peak FIRP

Dutch

	Hierbij verklaar ik, ADC Automotive Distance Control Systems GmbH, dat het type
EU-	radioapparatuur SRR 3-A conform is met Richtlijn 2014/53/EU. De volledige tekst
CONFORMITEITSV	van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende
ERKLARING	internetadres:
	http://continental.automotive-approvals.com/
	Frequentieband(en) waarin de radioapparatuur functioneert:
	24.05-24.25 GHz
	Maximaal radiofrequent vermogen uitgezonden in de frequentieband(en) waarin de
	radioapparatuur functioneert:
1	100mW (20 dBm) Peak FIRP

Polish

UPROSZCZONA DEKLARACJA ZGODNOŚCI UE	ADC Automotive Distance Control Systems GmbH niniejszym oświadcza, że typ urządzenia radiowego SRR 3-A jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: http://continental.automotive-approvals.com/ Zakresu(-ów) czestotliwości, w którym (których) pracuje urządzenie radiowe:
	24.05–24.25 GHz
	wości, w którym (których) pracuje urządzenie radiowe: 100mW (20 dBm) Peak EIRP

Portuguese

DECLARAÇÃO UE DE CONFORMIDADE SIMPLIFICADA	O(a) abaixo assinado(a) ADC Automotive Distance Control Systems GmbH declara que o presente tipo de equipamento de rádio SRR 3-A está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: http://continental.automotive-approvals.com/
	A(s) banda(s) de frequências em que o equipamento de rádio funciona: 24.05–24.25 GHz
	A potência máxima de radiofrequências transmitida na(s) banda(s) de frequências em que o equipamento de rádio funciona: 100mW (20 dBm) Peak EIRP

Romanian

DECLARAȚIA UE DE CONFORMITATE SIMPLIFICATĂ	Prin prezenta, ADC Automotive Distance Control Systems GmbH declară că tipul de echipamente radio SiR 3-A este în conformitate cu Directiva 2014/53/UC. Textul integral al declarației UE de conformitate este disponibii la următoarea adresă internet: http://continental.automotive-approvals.com/
	Banda (benzile) de frecvențe în care funcționează echipamentul radio:
	24.05–24.25 GHz
	Puterea maximă de radiofrecvență transmisă în banda (benzile) de frecvențe în care
	functionează echipamentul radio: 100mW (20 dBm) Peak EIRP

Slovak

ZJEDNODUŠENĖ EÚ VYHLÁSENIE O ZHODE	ADC Automotive Distance Control Systems GmbH týmto vyhlasuje, že rádiové zariadenie typu SRR 3-A je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: http://continental.automotive-approvals.com/
	Frekvenčné pásmo resp. pásma, v ktorých rádiové zariadenie pracuje: 24.05–24.25 GHz
	Maximálny vysokofrekvenčný výkon prenášaný vo frekvenčnom pásme, resp. pásmach, v ktorých rádiové zariadenie pracuje: 100mW (20 dBm) Peak EIRP

Slovenian

POENOSTAVLJENA IZJAVA EU O SKLADNOSTI	ADC Automotive Distance Control Systems GmbH potrjuje, da je tip radijske opreme SRR 3-A skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:
	http://continental.automotive-approvals.com/
	Frekvenčni pas ali pasovi, na katerih deluje radijska oprema:
	24.05-24.25 GHz
	Največja energija za radijsko frekvenco, preneseno po frekvenčnem pasu ali paso-
	vih, na katerih radijska oprema deluje:
	100mW (20 dBm) Peak EIRP

Finnish

YKSINKERTAISTET TU FU-	ADC Automotive Distance Control Systems GmbH vakuuttaa, että radiolaitetyyppi
	SRR 3-A on direktiivin 2014/53/EU mukainen. EU-
VAATIMUSTENMUK	vaatimustenmukaisuusvakuutuksen taysimittainen teksti on saatavilla seuraavassa
AISUUSVAKUUTUS	internetosoitteessa:
	http://continental.automotive-approvals.com/
	Radiotaajuudet, joilla radiolaite toimii:
	24.05–24.25 GHz
	Suurin mahdollinen lähetysteho radiotaajuuksilla, joilla radiolaite toimii:
	100mW (20 dBm) Peak EIRP

Swedish

FÖRENKLAD EU- FÖRSÄKRAN OM ÖVERENSSTÄMME LSE	Härmed försäkrar ADC Automotive Distance Control Systems GmbH att denna typ av radioutrustning SRR 3-A överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: http://continental.automotive-approvals.com/ Det eller de frekvensband där radioutrustningen arbetar:
	24.05-24.25 GHz
	Den maximala radiofrekvenseffekt som överförs inom det eller de frekvensband där radioutrustningen arbetar: 100mW (20 dBm) Peak EIRP

Icelandic

EINFÖLDUÐ ESB SAMRÆMISYFIRLÝ SING	Hér með lýsir ADC Automotive Distance Control Systems GmbH því yfir, að fjarskip- tabúnaðurinn að gerð SRR 3-A er í samræmi við tilskipun 2014/53/ ESB. Textinn í fullri lengd um Samræmisyfirlýsingu ESB er aðgengilegur á eftirfarandi veffangi: http://continental.automotive-approvals.com/
	Bandbreidd(ir), sem fjarskiptabúnaðurinn starfar í: 24.05–24.25 GHz
	Hámarks fjarskiptatíðni sendistyrkleika í bandbreiddinni/bandbreiddunum sem fjar- skiptabúnaðurinn starfar í: 100mW (20 dBm) Peak EIRP

Turkish

BASİTLEŞTİRİLMİŞ AB UYGUNLUK BEYANI	Işbu belge ile, ADC Automotive Distance Control Systems GmbH şirketi SRR 3-A tipi radyo ekipmanının 2014/53/AB sayılı direktife uygun olduğunu beyan eder. AB uygunluk beyanının tam metni aşağıdaki İnternet adresinde mevcuttur: http://continental.automotive-approvals.com/ Radyo cihazının çalıştığı frekans bandı/bantları: 24.05-24.25 GHz
	Radyo ekipmanının çalıştığı frekans bandında/bantlarında iletilen maksimum radyo frekansı gücü: 100mW (20 dBm) Peak EIRP



Importer Information

Name:Mazda Motors UK Limited

Address:Crossways Business Park, Victory Way, Dartford, Kent, DA2 6DT, UK

Manufacturer Postal	ADC Automotive Distance Control Systems GmbH
Address	Peter-Dornier-Strasse 10, 88131 Lindau, Germany
SIMPLIFIED UK	Hereby, ADC Automotive Distance Control Systems GmbH declares that the radio
DECLARATION OF	equipment type SRR3-A is in compliance with Radio Equipment Regulations of the
CONFORMITY	United Kingdom. The full text of the UK declaration of conformity is available at the
	following internet address:
	http://continental.automotive-approvals.com/
	Frequency band(s) in which the radio equipment operates:
	24.05–24.25 GHz
	Maximum radio-frequency power transmitted in the frequency band(s) in which the
	radio equipment operates:
	100mW (20 dBm) Peak EIRP

RUSSIA, KAZAKHSTAN, BELARUS

EAC

SERB IA



UKRAINE



справжнім (найменування виробника ADC Automotive Distance Control Systems GmbH) заявляє, що тип радіообладнання (позначення типу радіообладнання SRR3-A) відповідає Технічному регламенту радіообладнання;

повний текст декларації про відповідність доступний на веб-сайті за такою адресою: http://continental.automotive-approvals.com/

найменування та адресу	АДС Автомотів Дістанс Контрол Сістемс ГмбХ
виробника	Пітер-Дорніер-Штрассе 10, 88131, Ліндау, Німеччина
	(ADC Automotive Distance Control Systems GmbH
	Peter-Domier-Strasse 10, 88131, Lindau, Germany)
СПРОЩЕНА ДЕКЛАРАЦІЯ ЄС ПРО ВІДПОВІДНІСТЬ	Цим ADC Automotive Distance Control Systems GmbH заявляє, що радіообладнання типу SRR3-А відповідає вимогам Директиви 2014/53/EU. Повний текст декларації
	€С про відповідність доступний за наступною адресою в мережі Інтернет: http://continental.automotive-approvals.com/
	Частотний діапазон(-и), в якому працює радіообладнання:
	24.05-24.25 ГГц
	Максимальна потужність радіочастотного сигналу, що передається у частотному діапазоні (-ах), в якому працює радіообладнання:
	100 мВт (20 дБм) Пікова ефективна потужність випромінювання

SRR3-A has been registered with: UA RF:1CONT 0006

BAHRAIN

The Equipment Identified hereon is approved for use under the following rules

- 1- This equipment must not cause harmful interference to other services.
- 2- This equipment is subject to harmful interference, and the owner of this equipment must not claim for protection.

DOMINICAN REPUBLIC, EL SALVADOR

ECC ID: OAYSRR3A

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION TO USERS

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

SINGAPORE

Complies with IMDA Standards

DA100926

SOUTH AFRICA

I C N.S N

TA-2014/2260

APPROVED

TAIWAN

「取得審驗證明之低功率射頻器材,非經核准,公司、商號或使用者均不得擅自變更頻準、加大功準或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信;經發現有干擾現象時,應立即停用,並改善至無干擾時方得繼續使用。前述合法通信,指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。」

ISRAEL

חל איסור לבצע פעולות במבשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר, ובכלל זה שינויי תוכנה, החלפת אנטנה מקורית או הוספת אפשרות לחיבור לאנטנה חיצונית, בלא קבלת אישור משרד התקשורת, בשל החשש להפרעות אלחוטיות.

PARAGUAY



Company name:Garden MPY S.A.
Address:Republica Argentina y Facundo Machain, Asuncion, PARAGUAY

INDONESIA

68221/R/SDPPI/2021 8032



▼ Tyre Pressure Monitoring System

[Moldova]



[Indonesia]

55266/SDPPI/2018 2684

[UAE]

TRA
REGISTERED No:
ER59583/17
DEALER No:
DA36975/14

[Jordan]

Manufacturer Name: Continental Automotive GmbH Model, Type Number: TIS-15 Serial Number TRC type approval's number: TRC/LPD/2017/560





[Taiwan]



低功率電波輻射性電機管理辦法

00 L - 45

級型式認證合格之低功率射頻電機,非經許可,公司、商號或使用者均不得擅自變更頻率、加大功率或 變更原設計之特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信: 經發現有干擾現象時, 應立即停用, 並改善 至無干獎時才得繼續使用。前項合法通信, 指依電信法規定作業之無線電通信。低功率射頻電機須忍受 合法通信成工業, 科學及發揮用瓷鋼輯計電機投資之干提。

[EU(CE)]

http://continental-homologation.com/

[Russia]



Декларация о осответствии ТР ТС 020/2011 ЕАЭС № RU Д-DE.ЭМ03.B.00148 от 05.03.2018, действительна по 04.03.2023, зарагистрирована органом по сертификации гродукции ФГУП Ордена Трудового Красного Знамени научно-исследовательский институт радио «Испытательный центр «Омега»

[Israel]

- . השימוש במכשיר הוא על בסיס "משני" ופטור מרישיון הפעלה אלחוטי. כלומר - לא מוגן מהפרעות, וללא הפר למערכות אחרות.
- ב. רק "בפעולות בזק" לשימוש עצמי של הלקוח בלבד, הציוד פטור מרישיון הפעלה אלחוטי.
 מתן "שרות בזק" לצד ג' מחייב רישיון מיוחד ממשרד התקשורת
 - ג. אסור להחליף את האנטנה המקורית של המכשיר, ולא לעשות בו כל שינוי טכני אחר.

[Ukraine]

http://continental-homologation.com/

▼ Radio System (Audio Set and Mazda Connect (Type A))

Mazda Connect (Type A)

Manufacture, Address: Öratici, Adresi Prodhimi, Adresa:

Panasonic Gorporation

4261 (konobe tho, Tsuzuki ku, Yokohama City Canagawa kan 224, 8520, Japan

Mode NO. A: Oa - MSSEDAVA, OC - TM66E 4MA E: CO-TM67E04M CG-TM67E 4M Importer, Address: The arty, Adves: Importussi, Adress:
Marce Notice Logistics Surges NV
Dissess extend 102, 2000 Wilebows, Delgië
Marce Motor Poland agraph.
Ut Postept 148, 92-907 Wersew, Poland
Marce Notice Open time
Tufkow 261975, Checket 179-00 Prague 4 Open Republic
Marce Motor Slocakia, orde.
LINDINER J. Galvanific 778, Biest slave - Ruzinov 821-04. Slovak Republic
LINDINER J. Galvanific 778, Biest slave - Ruzinov 821-04. Slovak Republic

	Malanë të në ijidakumar i "Hurusoria Corporaton" pokturon se radiopajisa a ja jë lisuar në turtështë në përputte n ëni ne Dirokjyën
	201450:3E
	Hyrrinë http://www.otcpanascricle.r/, klikbri "Declaration of Ocnformty (Declarate e përputhon mëricë)", shkruani termin ky¢ në kutinë e kë
Alera	rimittetermake koçe dhe mundite ankarkon iversitanık efintitete (DDCLARATION of CONFORMITY (DEKLARATEN E PERFUTHSHMER)
	E)"(total)
	-mi-9¢ 3 OEH M14-3/VA → CQQ-HM47-24M
	С настоянного Разаков о Согровайог и,вичирия у на задмооб фудианено о нил у посожне повозе,
	эн овонявленае сидонивня? С. 4,637-С.
	Отијин ин нићети/www.otopanason ice.r/, шрањен и н.рку. Гес!а ятол о≣ОолБлойу (Двъ изицични ополненстве)*,
Bulgarian	реворсть илемерата друга редена подволу о полету за террене по илемера дома и ше и окето да истеплите найт креата. ВЕОДАРА ДОМ И СОМНО КМИ МИДЕ УЛАГРАЦИЯ ВА СВОТВЕТСТВИЕТ (DVC).
	Knovedu gyma ACRHEMIAIFSCMA I DE COH MATERIM
	Timb společnost Parasonic Completion poblažuje, Za výšia usecen é d olové paříbení rypu CQ T V66504V 4 OQ T M69514MA, CQ -
	TV 39F24M A CQ-TM66F34M4 je v sou sou se změrnici 2014/56/FU. Koyž obladetní, stránky h p.//www.pt. poroseniebou k ikrate na "body atome Conformity (Hohláter Tejehodé)" a zodáte člale medela č
	EM17 = 50 V Aide de dipre vyt ledávání podle klíževého pleva, budetaní ned plátníhost nej větší versi "DECLARA "ON oTCONFORM. I Y
	(PRO ILÁŠENÍC SI JOÉNÍ(Lico)
	Timb společnost Panast nie Corpt raten problašuje, že výše uvecené ráciové zařízení tytu OQ TV67204V rOQ TM67E14M je v souladu o
	sm #mid: 2014/55/CU
	Popžidě, lete na stránky hip zvový přidsana somicený ktére te na "Fecha stomo"Oculounity ("doblášení oshodě) na zadáte čískom odelu.
	CO-TM47F24M do pole pod synk-od sámi pol le kližovánio slova, o odete si mod sláh nout rejnovájší ve z "DFCI ARATIC Nic"CC NEO RVIII.
Central Control	(290 LÁSENÍC SLIDDÉ,"(DeO)
	Ímito apo pôntot Parcet nic Corpt raten prohleðuja, že výše uvedené rábiové zaffzaní typu CG - V28L04 V, CG TMcALC IM ja v oduledu
	américi 2014 63 A.J.
	kovž pře data na stránky http://www.ptc.panaconiclauzik ikrata na i Paclatation of Conformity (Prohlášení o shopě) je zadáta číslo modelu.
	CO-TM28F04M do no e pro vyslecává si pod e kližového slove, o udete si mod stáhrout rejrovějál vez "DFCLABATICN of CONFD BY III.
	(PROHLASENIC SHODE)*(Dag)
	in bispoločnost Pur usonic Corporator prohlušuje, že výše uvoden é vi siov é zaří zoní godiCuH VSSE17 V, CuH MtAE14M je v odduda
	omérnici 2014 65 č.J
	CO TM2SET 4M do po e por vyolecávání pod a Mičováno slova, pudate simo distáhnout nejnověřší verz "DEGLARATICA dEGCAFORVIT"
	Holmad and Brankarason a Corporation, acroadouts typed in Beautiful and a contract of the cont
	on investmential madidektiv 2014년0년 J
Daren	Du van hente den se seate "TECLABATION of CONFIDENTI" (CMERENSSTEMMELSESEEK) ÆRING:" (DoC) vad at besigne
Del 51	a i noeløgn ekirke neder erdethol og "(parte serve serve) with programme kesensklærnig" og indesere nederarfærde nøgleom i fe
	all relationships for
	Ndgleard, A.C.R., LV14E JMA
	in principal Michael Companies and Companies
	Blicken Sie unter ritto //www.pro panasonicieu/auf , De caration of Conformit/" (Konformit@sekt årung),
3eman	gilsparf, e des nachstekande Schlüsse wort in die Schlüsse wortsuche ein und laden Sie
	cie aktuelle JCEC ARATON of CONFORMIC" (Konform tätra klällung ("CoC) han men
	Schilüssolworu A OKHLMIY - 5 (MA - 3) Culin MY (E2Y V
	Με την παρούσα, η Paneachic Comporation, βηλίωνού τιο καθανέρτεληγός που παρασθέτατα ανώ έρα
	an marking and applicable 2017 Bin EE
	has a maid filter with a death hat to the entering of the entering of the state of the entering of the enteri
Cinea <	करामान्य वं दे के माम स्थानमंत्र के दिन्न की दी दान की बोद का को बोद का का है हुद्दू का की मोत्र का माम क्षार हो दे दे का का की मान के
	sepision physical PRETON afCONECRY TY (AFAO) H : YYMO+7/00H (ja (DaC)
	Adignosial A.OR-EM14FeUVA Bit COH M47E24M

	Horeogy, Faraseric Carporation secures that the radio aquiament type Listed acove
	is in complete with Directive 2014-850/HU
	Assess of FUp//www.ptcs.misoris or/officle function of Contractify".
	autor the velocition and at the beautiful course or a surface
Indish	orter the policy highers into the keyword search box, you can coverbable De laters "DEC ARRADON of CINE-OBMITION (DXC)"
	Royword Architecture DicCo-TM7E4V
	regional AVENTER TITURES - EXCEPT IN VESTIV
	December 2 and the control of the co
	Por a prosono, Fancsonic Corporation dodora que el equico de rabio del tre citade más enida
	at mple con lo estable dido en la 19 rectiva 2014/33/IE
	Accorda a nato Weever stopp had a nicologinage ad a cir. Dioda radon of Conformity (Dioda radon do conformica diff.)
Storish	
-parar	in the CHRO A CASA in classes in classes a continue coin entel qued to de buisqueda y opposities and state unit in a "THCLA FALIDA of CONFORVITY".
	Oteoperation as on the microsoft (Costs)
	Talabra dave: A CRH MTAHOLMA HS: CGH MATECAM
	1 3 10 10 10 10 10 10 10 10 10 10 10 10 10
	Käepp evang spekkersearib Peneconic Corporation, et aer meinitud read apsadme tülüp
	casta od rek liki 2014,600,41 u čius ate
	Minn except lake a http://www.nto.ps.naconic.eu/, dépos « valikur Declaration of Conform to "(Vactavuode da arzinon),
na konie	sissastag en Looth omätis är a soe siaa sala ota ngi päijala ning laadig en la
25 R; 304	
	dakumana (DEGLARATION aFGDNITG BVITY "(Vasta kulsseklarata kan) (DaG) viimane vara san.
	Märssäne 4,034 M1445, MA 30 (104 M475) 4M
	Parasonic Schoott : nivakuuttaa, että ede läiluoteltu tasis aittyypsi
	ržiyttää direktiiv ssä 2014/52/E∟ asatetut vaat muksat
	Vine-sig THOUSTONIC CONFURM: YOYAR INUS ENVIOUS SYSTEM U.S.TOKOO Hostoviserva Mosketla
_	
THEFT	http://wwx.ptp.par.eau/
	ceri semetar obtra 'Declararior of Corrorin ty (want muster on karsusosakurus, "ja
	ayöttämä läiata mairitu hakusana kakukenttään
	Hakusa e. A CRF M14Fr, MA - 15: 002-1M47F74M
	Par la présente l'Anasonio Corporation déclare que le type d'équipement ratio répertorié di dessus
	eston conformité a voc la directive 2011/80/UI
Tranch	Pountéléchaig, et la demière « DECLARATION : (FOCNTORMITY (DÉCLARATION DE CONTORMITÉ) » (DSC) rendez vous sur
ranan	http://www.ptc.cars.com.ceu/idiquecrapis Declaration of Comon in VIII-& aration de comon in Ella, cuia sais see l'empt : é cedescos dans l
	le chamit de recherche par moto dés.
	Model A CRH MIAHELMA 3: 03 HMAZEC4M
	Cyline Pareson a Contorcijon iz av ujeda iz razi sve dort na visto nevezena znad
	uicikadula Direktivom 2014/73/EU
	Pristopical top Aww.properescribe of Alichites, tederation of Contour of Tajava o sustaid tos ()
ross ar	unesite diučnu nieč voja ja navecena u nastavku, u okvinza protežbanje klužne nieč imožeta preudati
	ns lesi a DEO ARATEIN GLOONEO EMILY DA AMULTI SILM ADNOS TE" (DAO)
	Kjučra rječi A OR LV14T8JVA I B: CO TM17E24M
	A Panasonic Cortors fion (connol ny atkozik ant), nisy a fint mos lada.
	ficustú rád ár cerandepés(elő megratel(nelő a 2014/88/H. ránye viel űlrása nak
	liéger a Fio &vac proper asonicer / oldans, kattrison a (Geografon ol Contorni y'' (Megiels čségi nyistkova) elsme,
	In the contract of the contrac
-ungarian	ěr lita ba atlatách Ku csazána k ilozotá kelestomezů éba na azemtné latörení
-ungarian	
-unsarian	alleg (\$600, \$100,
-ungarian	
-ungarian	a eg jáson, PO AMA IDN 0-0014-0M3 - ""(Meglel-Salégir şiledinset) documentum (mortál) Kultassán AGRUMI/TAMA - Bri 00 TV/012 Nr
-unsarion	a eg jáson, 140 ABA IONO-OTA-CBN - ""(Megel-Scégir şiladkovi) documentur o (correil) Kultosado AGR LMIZTRAMA - 8: CO TYZTIS Na Hérmadiljái Pira an «Comos, án þólytir ið ofingreina» úksansbútuður a
-ungarion	a eg júm "PCLAPA IN GEOFRECHA E "Melgel» Segle plantació decimient una (min-al). Kulassade AGOR LMI / FELMA E dO TV/702 th. Hermality de Vira ser a Comon, de polytir de la regeria e discuelation de receival en de la regeria de la compania del la compania de la compania de la compania del la compania del la compania del la compa
	a eg jáson, MO AMA IONO - OTR-CING ""(Megle Estégia pladlaced) documentum a (contrál). Kultassolt AGR EMITENAMA EL COLTIVITE Na Hármað lýsir 2 marsa (Ocassa, kar pályt að af egyrinn - úkunsablánaðar. el comhar ni við tak par 2017/55/258. Friðu á Flandówer afa par ansoni ar jármaltu á Jáson - úkona formlannin jármænisyt rýning)".
	a eg júm "PCLAPA IN GEOFRECHA E "Melgel» Segle plantació decimient una (min-al). Kulassade AGOR LMI / FELMA E dO TV/702 th. Hermality de Vira ser a Comon, de polytir de la regeria e discuelation de receival en de la regeria de la compania del la compania de la compania de la compania del la compania del la compania del la compa
	eng jūma jako AAA INGO-OFN-ORA in Malay et beigis platkasek deemmer und (manei) (Kulosaada AOR LAMFERAKA i Bri OO TV/202 Nr Historida Ngo-Pura va sideman de pak yir ik del regeriem edia melaka kalaka anta ermetni vide ali pur 2017/2020E. Frida Afrikanda ay sidemilian pia (Amellia ji John eskend Contarnik) (Sumwenisyk yirigi) alikha afrikanda ay sidemilian en Libraria ten septia anaka odd
	n eg jáson, MCLAMA INA GEOTA-CIME Millang ell skégli skulkozut, dominen um o (morté); Rufasszár ACR LMI/TRUMA, Es CO TM/TSS IR. Diffrindő fyjár Piras ser d'Oromou én pólyfir röllet ngerésen rúlkozusábánað ir. er de armiter háði til fransk 1975-75-75-75. Er del ar háði til fransk 1975-75-75-75-75-75-75-75-75-75-75-75-75-7
	eng jimm jihCl ARA IN GOCK-CRA i "Mahayel- beigir şalakmen) decimien unu (min-al); Kulosaca AGOLAMI/FEANA - Et GOTY/FEE Ni Niemad hije Pursan address in palyir alla drugerien adasacabas Bur antermeteri vide al pur 2017/55658. Fada Al Indiane de jardendur principal auf jimm jarden decimienti (kumasacis yi yürgi); alaku afafaran da jardendur en libin utun ja plaja asako add
	eneg júrna, MOLARA IDA GEOTRECRA I "Mategrete Seigio plantaceotro (more do (more do) Ratassaca AGRILMIZEAMA - En COLTIVIZEAN Hitmatilipia Para ser a Comona ser polytar de otroporiem e disconstation for en en en en en en en en en en en en en e
	eng jūma jihCL ANA TONIO - OTNICON I I "Mangle Endigin şalatimosi) dominier und (jimasa)]. Rulassado AOR LAMI FEAMA - EL OZ TIVITO IN II Rismad lipis Pura an attemation for playtir it distribution di richina del più attematica del richina del programma
	sing jimm, JMC ARA TO GOTN-CRA Prilating et Schöpt yandamen und (mored); Rufassock AGR LMI/FEAMA - Br COTN/FEEM? Härmdätigke Pira sein (Comon, kei pelytin Bedingerken hüssenstelsen Ör- er viter hinds sig per 2017/3/558. Fride alt Endower de partieren im (Amelli al Johns vielen discherinity (Summerrisy)) gibb geging (Summerrisy) gibb geging (Summerrisy) gibb geging (Summerrisy) gibb geging (Summerrisy) gibb geging (Summerrisy) gibb geging (Summerrisy) gibb geging (Summerrisy) gibb geging (Summerrisy) gibb geging (Summerrisy) gibb geging (Summerrisy) gibb gibb gibb gibb gibb gibb gibb gib
	eng jimm, JMC JAMA TO GO CIN-CINA I "Bilang et Boligia yakilimori) dominien uma (jimmeli). Kalassado ACOR LMI (FEMAL I E. CO TIV/TEE III" Kalassado ACOR LMI (FEMAL I E. CO TIV/TEE III") Or la criste in vide tal peur 2017/1905B. Fridu al El millower de principien or (criste) il de principien or (de principien). Bridu al film de peur accession or (criste) il de principien or (cristernity (sum assistantity)). Bridu al film de peur accession or (cristernity) il de principien or (cristernity). Bridu al film de peur accession or (cristernity). Bridu al film de peur accession of cristernity. Bridu accession of cristernity. Bridu accession of cristernity. Bridu accession of cristernity. Bridu accession of cristernity. Bridu accession of cristernity. Bridu accession of cristernity.
lcalen:	nieg jamin, MC AMA INS GHOPN-CMA — "Belge Hibright plantament on (more)." Rufasson ACR MM/FEMA. BEICD TW/TEZ IX Differed by in Para ser (Compositor polyter do tregorism vide castellaria." of a create in vide talk para 2017/35/25E. Finds at the Sover of the para series of female in a Johann African (contemplay (in more in play in g)") olision of the para series of the
calenc	eng jimm, JMC JAMA TO JO OF NORM I "Malay et Boligia şiletilmen) decimien una (jimmel) (foliososis ACCR LMI / FishMA I BE OC TIVE 20 Million (jimmel) (jimm
calenc	nieg jamin, MC AMA INS GHOPN-CMA — "Belge Hibright plantament on (more)." Rufasson ACR MM/FEMA. BEICD TW/TEZ IX Differed by in Para ser (Compositor polyter do tregorism vide castellaria." of a create in vide talk para 2017/35/25E. Finds at the Sover of the para series of female in a Johann African (contemplay (in more in play in g)") olision of the para series of the
lcalen:	angliging (ACR DAR TO GOTA-CRA MININg 4- Brieging spellenser), document and (more)). Reliazzote ACR LMI/TEUMA - 3: COTA/TEE IN Reliazzote ACR LMI/TEUMA - 3: COTA/TEE IN deformed by the part 2017/3/55B. Freductive first by the part 2017/3/55B. Freductive first by the part 2017/3/55B. Freductive first by the part 2017/3/55B. Freductive first by the part 2017/3/55B. Freductive first by the part 2017/3/55B. Freductive first by the part 2017/3/55B. Freductive first by the part 2017/3/55B. Freductive first by the part 2017/3/55B. Freductive first by the part 2017/3/5B. Freductive first by the par
lcalen:	eng jimm, JMC JAMA TO JO OF NORM I "Malay et Boligia şiletilmen) decimien una (jimmel) (foliososis ACCR LMI / FishMA I BE OC TIVE 20 Million (jimmel) (jimm
calenc	eigi jümi jihot JANA TON OHOM NORM I "Malay elli bright şiletikmen) decimien und (moreil) follosseb. ACOR LMI / FOLMA - Et CO TIVETE (N. Michigael C. ACOR LMI / FOLMA - Et CO TIVETE (N. Michigael C. ACOR LMI / FOLMA - Et CO TIVETE (N. Michigael C. ACOR LMI / FOLMA - Et CO TIVETE (N. Michigael C. ACOR LMI / FOLMA - Et CO TIVETE (N. Michigael LMI / Michigael C. Michigael LMI / Michigael C. Michigael LMI / Michigael C. Michigael LMI / Michigael C. Michigael LMI / Michigael C. Michigael LMI / Michigael C. Michigael LMI / Michigael C. Michigael LMI / Michigael C. Michigael LMI / Michigael C. Michigael LMI / Michigael C. Michigael LMI / Michigael C. Michigael LMI / Michigael C. Mic
calenc	alleg ginn, MCLARA TOLOGONACINAL "Mategrate Seign plantación, document una (conted); Ratiosoch ACR LMI/TRUMA. Es CO TV/TSS 18* Hérmető járá Para ser «Comos an pólytar főst regerése nútarastotásuðar. en er verter háð tils par 2017/5/5/58. Freðu áf ha dókum ett parasonia ar formatt af júnea ar ser en terming (Sum æmisylarýning)* dáða offatter ett samandar ser eit lástnetten ag þár serðu ett ett er er er er er er er er er er er er er
calenc	anglight (NOTAMA DE CONCORD AND MARCH Design plants) (Assumer and (more)) (Missect ACCL MAY FEMAL BE CONTACTS IN (Missect ACCL MAY FEMAL BE CONTACTS IN (Missect May and Consent or play a feb drog dear discretion of a content of content of a conten
calenc	eigi jümi jihot JANA IN NO - OTN-CHA I "Malay et beigin şalatlanen) decemen und (mored) (foliososis ACCR LMI / Fishala - Et CO TIVETS 18) Härmest jümi var sociolomous beigin jämi sociolomous landa olden andre var eigin var var sociolomous beigin jämi var et combrenity (somewhisty) värigit) et da til määveen til paratolomous (sometimi jämi var et var et til malay
calenc	anglighter, MCCLAMA TOLOGOTA-CMA. In 1985 per bangin şiselinde) decement on a (more)] (Illiand light and an otherwise project of the state of the s
calenc	eigi jümi jihot JANA IN NO - OTN-CHA I "Malay et beigin şalatlanen) decemen und (mored) (foliososis ACCR LMI / Fishala - Et CO TIVETS 18) Härmest jümi var sociolomous beigin jämi sociolomous landa olden andre var eigin var var sociolomous beigin jämi var et combrenity (somewhisty) värigit) et da til määveen til paratolomous (sometimi jämi var et var et til malay
calenc	anglighting JAC LAND CONNORM LET ON TVATE No. It is madily by a various of cross for playing the being speciment as a continue run of (more). It is madily by a various of cross for playing the disregation of as activities of the cross missing part of the cross missing the part of the cross of cross missing the cross of the cross missing the cross of the cross missing the cross of the cross
calenc	eigi jümii jihot JAPA TN GOTN-CRM in "Belgi jahlikmen) desimen und (moreil)" Kulossadi. ACRILMITE MA. Er COTN-TOE III: Kulossadi. ACRILMITE MA. Er COTN-TOE IIII: Kulossadi. ACRILMITE MA. Er COTN-TOE III: Kulossadi. ACRILMITE MA. Er COTN-TOE IIII: Kulossadi. ACRILMIT
calenc	anglighting JAC LAND CONNORM LET ON TVATE No. It is madily by a various of cross for playing the being speciment as a continue run of (more). It is madily by a various of cross for playing the disregation of as activities of the cross missing part of the cross missing the part of the cross of cross missing the cross of the cross missing the cross of the cross missing the cross of the cross
lcalen:	anglight (NOTAMATELANDE) CONCORNORS (1994) (Marga-lander) (Marga-l
loelenc Belier	eng jürni, MCLAMA TOLOGO (N.C.M.) "Malay et beigir şisalaner) decemen und (moreij) (Molassec ACC LMI / F.M.A. E. CO TV/TOLIN "Brindbijs" sisalare und (moreij) (Molassec ACC LMI / F.M.A. E. CO TV/TOLIN "Brindbijs" sisalare und (moreij) (Molassec ACC LMI / F.M.A. E. CO TV/TOLIN "Brindbijs" sisalare und (moreij) (Molassec ACC LMI / F.M.A. E. CO TV/TOLIN "Brindbijs" sisalare und (moreij) (Molassec ACC LMI / F.M.A. E. CO TV / F.M.A. E. CO TV / F.M. E. M. E.
loelenc Belier	anglight (NOTAMATELANDE) CONNORMAL TO STATE IN TRANSPORT AND AND AND AND AND AND AND AND AND AND
	anglighter, MCC, AMA TOUGHOUNG CONTRONAL "Malay et badgin şietleren) decement and (mored) (mor
Isalier Italier it wewer	neg jüm jihCl APA TN G-OTN-CRU ""Marget-beigit yladıkmet) decimien und (morel)" Nistració AGG LMF (FishA) - 21 CO TV/TO2 Ni Nistració AGG LMF (FishA) - 21 CO TV/TO2 Ni Nistració AGG LMF (FishA) - 21 CO TV/TO2 Ni Nistració
loelenc Bellier	anglighter, MCC, AMA, INTO-OFN-CMA, InfoRegist Andrews (Assembled Assembled Account Comment) (Illiamed Jobs 2 males and Community play in Debrugation of acceptaint & comment and comment of a content of the community of the comment of the community of the comment of the comme

	E'oan. Hairasonic Comporation tiddikjara liittipita' tagfimin tarradua elenkat hawnitug huwa kontomi mac-Direttika 2014,634.CE
1	Addessignal into Awww.coppanesonic.eu/, ikklikkja "Declarator of Conformity (Dikjarazzon raf Konformita)",
Maltese	d. hhs. little ma Mafich Baser kahlif tozitik, mjözka kittilion mallich, i sk. linizisticht DECLABATION (CONFORYITY (DIR. APAZZJONI
1	TALKONFORMITÄITE,ku danti (DoO)
1	Nelma Muftelt: A:OR+LM14F5.MA
	Reinte Mulicell, Administration Et. 1997 1997 Et Ministration (1997)
	Farraschic Corporation erklæren nerved at racioussyretary typen nevnt ovenfor
1	erisamsvarnedd wktv 2014:63:LU.
Nerwey	Ved å g åtil nto://www.otopanasonics.// klikke då "Declaration of Conformity (samsvarserk ærng)" og taste inn hedenstående nøkke ord i nø
Norwey	ksepndestkelbosen, kan da laste ned oer nyeste "DECLARATION of CONFORMITM" (SAVSVARSERKLÆRTNGEN)" (DoC)
	Nøskelon: APPREMIAFEUMA E: CQ-TM/7E24M
	Higrbi, yarklaa nik, Panasonia Cerperation, dat radioappara tuur van natin arbawen vormo da typo
	confirm is mot Richtlin 201 1,53,EU
Dutch	Gs insan http://www.ptc.panaschic.eu/, kikilop "Declaration of Conto mity (conformite tavers arrig.")
De Car	v. I. in het vak. Keyword Search de onderstraande byde in en dan klint.
1	da recentata "DICLI ARATIC N of CONFORMITY (conform teits werklaring)" (DoC) down pader
	Codo, A.: CR-EM14F6UVA D: CQ-FM47E24V
	Niniojozym firma. Panosonie oświadaze, że podarky powyżoj tvo urządzeń raciowych
	jestzg odwie dyrektywą 2014,697JE.
	Wejdź na stronę http://www.otc.canasconicleu/jiki.knij "Dedaration of Confirminy (Deklaranta zgilodnéci)", witchiu wyszuktwana słów
Posh	k uczowych warowadź czcana poniżej słowo k uczowe i cobiam najnowszą weinję "DECLARATION oFOONTORMITY (DEKLARAGU
	ZGDEND\$0()"(Exc)
	Słowa kludawe: A/CR-LM14HcuMA - B; COH V47E24M
	l'els presente, a l'anasprio Corporator declars que o equipamento de rádio do tipo listado scima
1	se encontra em conto midade com a Diretiva 2014/68/0E.
	Aceda a nttp://www.ctcpanasonic.su/, dique an "Declaration of Conformity (Declaração da Conformidade)",
Pertuguese	in notizata palevent ave indicada abe cone caisa de pesquisia de palavas troave pere descareg la amelia recien e 10EC LARATION of
	CONFORMITY (DECLARAÇÃO DE CONFORMIDADE)" (DEC.)
	Palawa-thava: ASDR-EM14F6JMA Et. CO-TV47E24M
	Prin prozentul document, Paraber e Corporator dode ră să peripementul rae e de ticul enumeratma, qua
	esite finiconformitate ou Directive 2014/63/UE.
	Accessing into //www.pto.penasonic.eu/raicet/idio pel Deicaration of Conformity (Deiclaratia de conformitate)".
Roranan	increduzați cuvăritul che e de mai jos în casera de căutare cupă cuvinra cheie și puteți să descărdați
	or a maindrean & JOEO ARATION OF CONFORMITY (DECLARA) IF DE CONFORMITATE)" (DOC)
	Custri Condid to ORH M114F6.M14 I DI: CQ-TY47F24M
	Ovim kompanija Panasonic Corporation izjavljuje da je g. senavadana radio oprema
	a adada sa odrodke ma droktve 2014,63,610.
1	Pristupite stranici http://www.ptc.panasonicleu/iklikiniteina "Deidarationich Conformity (Izjava oluskladeriosti)",
S⇔rbke	dolena vedenu ključnu reči nesite u polje za pretravi udlučnih rači i prda možete da preuzmete najnovi i dokumenti DECLARATICN of
	CONFORMITY (Izja valor usklađenost)" (DoC lizja valor usklađenost)
	Kjuči ročin ORH M14F6JMA I B: OQHTYZ7F24M
	Scools & cod Puna conic Corporator - ým o vyci nauje, že rádiové zmindoch vyšše uvedeného typu
	jo vati rkuso kronicxu.2014.68,£Ü
	Na laka ita http://www.ptapanapanilabu/môžeta kliknúlina mažnosť "Doda stor of Conformity (Yynlásonia o zhoda)",
Sovex	zadať nížá a uvecené kážížové s ovoldo vyházdávacieho poži a prevziať si
	ns, novéie, DECLARATION of CONFORMITY (YYPLÁSENIE CLADOD)" (EDC):
	Kalifornia con VIAT6. VA B: CQ TM47724M
-	
1	Paraser a Comparation post; je, od je za sat i navedan i spiradijako aprema skladar z Biraktiva 2017,63,61.
	Fanader a Comparation pagi, is, be idia si vali na vadan ita radijaka eprema akladan zi Diraktiva 2017,63,61 ObiSāta http://www.pta.panaderio.ou/ klikrita "Declaration of Conformity"(Isjava o exidence)", y olkende ze lakan o vresita apoenja ključne.
Savens	
Savens	Ob Bëtta http://www.ptc.panaseric.ou/.kikrita "Declaration of Conformity (Izjava o skladnest)", violence za iskan o vresita specinja kjučna

Swedien	HB med imys af heastnic Concerton sit adoutnishing erovan upda videovid (70.45,65). Gå till hat Xeevingsse ersenicises/ video at Destantion of Confirm to (filmBirgh on Oero erastlining se) och end ervickelt detineder i so hau af Sub-Anna kaldar under men at TECLARATON (FOC NEC RMITH) (Bealta av on Gardensteinning) (filmC) bydeledt ACC (LMH 65VA - B) OF IMP/L24V
Turksy	Excitate del Prinsporte Concretor, substrata internentario ebicanon del rin 2014/56/AD Decellor aggiunto logian che sono direchistria. Intel Alemano per assenti cultifate de receni Decisa de non officer una trigular directionali di residenta contra con

[English]

Hereby, Panasonic Corporation declares that the radio equipment type [CO-TM66E04MA, CO-TM66E14MA] is in compliance with The Radio Equipment Regulations 2017. The full text of the UK declaration of conformity is available at the following intermet address: https://www.ptc.panasonic.eu/



Mongolia

No.355,2017(Ukraine)

Виробники:

назву компанії; Panasonic Automotive Systems Co., Ltd. адресу; 4261 Ikonobe-cho, Tsuzuki-ku, Yokohama-city, Kanagawa-ken, 224-8520, Japan

Імпортер:

назву компанії; Auto Інтернатіональ

адресу; 04073, 22-а Stepana Bandary Ave., Klev, Ukraine



ID: A22000800 / A2200801

справжнім Panasonic Automotive Systems Co., Ltd. заявляе, що тип радіообладнання [*] відповідає Технічному регламенту радіообладнання;

повний текст декларації про відловідність доступний на веб-сайті за такою

https://service.panasonic.ua/

(розділ «Технічне регулювання»)

*] CQ-RM66E04MA

CQ-TM66E04MA, CQ-TM66E14MA, CQ-TM67E04M, CQ-TM67E14M





Model No.: CQ-TM66E04MA / CQ-TM66E14MA

Bland : Panasonic

Country of origin : Malaysia

Model No.: CQ-TM67E04M / CQ-TM67E14M

Bland : Panasonic

Country of origin: Malaysia

Georgia

მწარმოებელი

•დასახელება : შპს Panasonic Automotive Systems Co.

•მისამართი: 4261, იკონობე-ჩო, ცუზუკი-კუ, იოკოჰამა-ში, კანაგავა-კენ 224-8520,

იაპონია

იმპორტიორი, მისამართი :

შპს "თეგეტა პრემიუმ ვიიქელს".

დავით აღმაშენებლის ხეივანი, მე-12 კმ, თბილისი

წინამდებარე დეკლარაციით,შპს Panasonic Automotive Systems Co., ვაცხადებ, რომ რადიომოწყობილობის ტიპი [CQ-TM67E04M, CQ-TM67E14M, CQ-TM66E04MA, CQ-TM66E14MA] შეესაბამება რადიომოწყობილობის შესახებ ტექნიკური რეგლამენტის მოთხოვნებს. შესაბამისობის დეკლარაციის სრული ტექსტი ხელმისაწვდომია შემდეგ ინტერნეტმისამართზე:

https://service.panasonic.ua/

▼ Radio System (Mazda Connect (Type B))

Mazda Connect (Type B)



 ${\sf Model\ No.:CQ-TM6CE44M\ /\ CQ-TM6CE54M\ }$

Bland : Panasonic Country of origin : Malaysia

No.355,2017(Ukraine)

Виробники

назву компанії; Panasonic Automotive Systems Co.,Ltd.

адресу, 4261 [konobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken, 224-B520, Japan

Імпортер

назву компанії; Auto Інтернаті ональ

адресу, 0 4073, 22-а Stepana Bandery Ave., Kiev, Ukraine

с правжнім Рапазопіс Automotive Systems co., Ltd. Заявля\$, що Пип раді ообладнання [*]

ві дпові дар Техні чному регламенту раді ообладнання

повний текст декларації про відповідність доступний на веб-сайті за такою

адресою

https://service.panasonic.ua/

(розділ «Технічне регулювання»)

[*] CQ-TM6CE44M, CQ-TM6CE54M

Georgia

მწარმოებელი

•დასახელება : შპს Panasonic Automotive Systems Co.

 \cdot მისამართი : 4261, იკონობე-ჩო, ცუზუკი-კუ, იოკოჰამა-ში, კანაგავა-კენ 224-8520,

იაპონია

იმპორტიორი, მისამართი :

შპს "თეგეტა პრემიუმ ვიიქელს".

დავით აღმაშენებლის ხეივანი, მე-12 კმ, თბილისი

წინამდებარე დეკლარაციით,შპს Panasonic Automotive Systems Co., ვაცხადებ, რომ რადიომოწყობილობის ტიპი [CQ-TM6CE54M, CQ-TM6CE44M] შეესაბამება რადიომოწყობილობის შესახებ ტექნიკური რეგლამენტის მოთხოვნებს. შესაბამისობის დეკლარაციის სრული ტექსტი ხელმისაწვდომია შემდეგ ინტერნეტმისამართზე: https://service.panasonic.ua/

With DAB radio

Manufacture, Address:

Üretici, Adres:

Prodhimi, Adresa:

Panasonic Corporation.

4261 Ikonobe-cho, Tsuzuki-ku, Yokohama-City Kanagawa-ken 224-8520, Japan

Importer, Address:

İthalatçı, Adres:

Importuesi, Adresa:

Mazda Motor Logistics Europe NV

Blaasveldstraat 162, 2830 Willebroek, België

Mazda Motor Poland sp.zo.o.

ul. Postepu 14B. 02-676 Warsaw. Poland

Mazda Motor Czech, s.r.o.

Türkova 2319/5b. Chodov, 149 00 Prague 4, Czech Republic

Mazda Motor Slovakia, s.r.o.

LINDNER II, Galvaniho 7/B, Bratislava - Ružinov 821 04, Slovak Republic

Model. No.: CQ-TM6CE44M

[English]

Hereby, Panasonic Corporation declares that the radio equipment type [CQ-TM6CE44M] is in compliance with The Radio Equipment Regulations 2017. The full text of the UK declaration of conformity is available at the following internet address: https://www.ptc.panasonic.eu/



	Me a në të këtij dokumenti, "Panasonic Corporation" deklaron se radiopajisja e tipit të listuar më lart është në përputishmëri me Direktivën 2014,63,685.
Albania	Hydnin & http://www.ptc.panasonic.eu/, klikoni "Declaration of Conformity (Deklarata e përputhshmënisë)", shkruani termin kyç në kutinë e kë rkimit të terma ve kyçe dhe mund të shkarkoni versionin e fundit të "DECLARATION of CONFORMITY (DEKLARATËN E PËRPUTHSHMËRIS Ë)" (DoC).
	Termi kyç: CQ-TM6CE44M
	С настоящ ото Panasonic Corporation декларира, че радиооборудването от типа, посочен по-горе, е в съответствие с Директива 2014,63/EC.
	Отидете наhttp://www.ptc.panasonic.eu/, щракнете върху "Declaration of Conformity (Декларация за съответствие)", въведете ключовата дума, дадена по-долу в полето за търсене по ключова дума и ще можете да изтеглите най-новата "
Bulgarian	DECLARATION oFCONFORMITY (ДЕКЛАРАЦИЯ ЗАСЪОТВЕТСТВИЕ) "(DoC). Ключова дума CQ-TM6CE44M
	Tímbo společnost Panasonic Corporation prohlačuje, Že výše uveden é rá diov é zařízení typu CG-TM80E44M je v souladu se směmici 2014.63.ÆU.
Czech	Když pře jdete na stránky http://www.ptc.panasonic.eu/, kliknete na "Declaration of Conformity (Prohlášení o shodě)" a zadáte Číslo modelu CO-TM6CE44M do pole pro vyhledávání podle klíčového slova, budete si moci stáhnout nejnovější verzi "DECLARATION of CONFORMITY (PROHLÁŠENÍO SHODĚ)" (DoC).
	Hermed erklærer Panasonic Corporation, at radioudstyret af typen nævnt ovenfor
	er i overensstemmelse med direktiv 2014,63,EU. Du kan hente den seneste "DECLARATION of CONFORMITY (OVERENSSTEMMELSESERKLÆRING)" (DoC) ved at besøge
Danish	http://www.ptc.panasonic.eu/, klikke på "Declaration of Conformity (Overensstemmelseserk læring)" og indtaste nedenstående nøgleord i feltet til nøgleordsøg ing.
	Nøgleord: CQ-TM6CE44M Hiermit erklårt Panssonic Corporation, dass der oben genan te Funksnlag etkyp
	der Richtlinie 2014,53,EU entspricht
German	Klicken Sie unter http://www.ptc.panasonic.eu/auf.,Declaration of Conformity" (Konformitätserklärung), g. eberSie das nachstehende Schlüsselwort in die Schlüsselwortsuche ein und laden Sie
	die aktuelle "DECLARATION of CONFORMITY (Konformitätserklärung)"(DoC) herunter.
	Schlüsselwort CQ-TM6CE44M
	Με την παρού σα η Panasonic Corporation δηλύνε ότιο ραδιοεξοπλισμός που παραίτθεπιτανω τ' ρου συμμορφών νεπιτμε την οδηγία 2014 63/ΕΕ
Greek	Επισκεφθέτε τον στό τοπ ontto://www.ptc.panasonic.eu/, /Δντεκλειστο«Declaration of Conformity (Δή λωση συμφ ρφωσης)»,
dreek	καταιχωρίστε την παρακότω λέξη-κλειδίστο πλαίστο αναιή τησης λέξης-κλειδού για να μπορέσετε να κατεβάσετε
	ロック π ρ σφασι«DECLARATION of CONFORMITY (ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ» (DoC). /・ἐρικλειδ: CQ-ΤΜ6ΟΕ44Μ
	Hereby, Panasonic Corporation de clares that the radio equipment type Listed above
	is in compliance with Directive 2014,53,EU.
English	Access to http://www.ptc.panasonic.eu/,click "De claration of Conformity", enter the below Keyword into the keyword search box, you can download
	the la test "DECLARATION of CONFORMITY" (DoC). Keyword: CQ-TM60E44M
	Por la presente, Panasonic Corporation declara que el equipo de radio del tipo citado más a mitra
	cumple con lo establecido en la Directiva 2014,63/UE. Acceda a http://www.ptc.panasonic.eu/, hag. aclic en "Declaration of Conformity (Declaración de conformidad)",
Spanish	introduzca la palabra dave indicada a continuación en el cuadro de búsqueda y podrá descarg a la última "DECLARATION of CONFORMITY
	(Declaraci ó n de conformidad)″ (DoC). Palabra clave: CQ=TM6CE44M
	Kåesolevag adeklareerib Panasonic Corporation, eteelmainitud raadioseadme tüüp vastab direktiivi 2014,63,6L nõuetele
	Ming_eveebilehele http://www.ptc.panasonic.eu/, kl o psake valikul "Declaration of Conformity" (Vastavusdeklaratsioon),
Estonia	sisestag ælltoodud märksõna spetsiaalsele otsing wäljale ning laadig ælla
	dokumendi "DECLARATION of CONFORMITY" (Vastavusdeklaratsioon) (DoC) viimane versioon. Märksöna: CQ-TM60E44M

	Panasonic Corporation vakuuttaa, että edellä luetaltu radiolaitetyyppi
	täyttää direktiivissä 2014,53ÆU asetetut vaatimukset
	Viimeisin "DECLARATION of CONFORMITY (VAATIMUSTENMUKAISUUSVAKUUTUS)" (DoC) on ladattavissa verkkosivulla
Finnish	http://www.ptc.panasonic.eu/
	valitsemalla kohta "De daration of Conformity (vaatimustenmukaisuusvakuutus)" ja
	syöttämällä alla mainitu hakusana hakukenttään.
	Hakusana: CQ-TM6CE44M Par la présente, Panasonic Corporation déclare que le type d'équipement radio répertorié ci-dessus
	est en conformité avec la directive 2014,633/UE.
	Pour télécharg «la demière « DECLARATION of CONFORMITY (DÉCLARATION DE CONFORMITÉ) » (DoC), rendez-vous sur
French	http://www.ptc.panasonic.eu/, cliquez.sur.« Declaration of Conformity (Déclaration de conformité) », puis saisissez le mot clé ci-dessous dans
	le champ de recherche par mots clés.
	Motclé : CQ-TM6CE44M
	Ovime Panasonic Corporation izjavljuje da je radijska oprema vrste navedene iznad
	u skladu s Direktivom 2014,53,EU.
Groatian	Pristup za: http://www.ptc.panasonic.eu/, kliknite "Declaration of Conformity" (izjava o sukladnosti),
Groatian	unesite ključnu riječ koja je navedena u nastavku, u okvir za pretraživanje ključne riječi, možete preuzeti
	najnoviju "DECLARATION of CONFORMITY (IZJAVU O SUKLADNOSTI)" (DoC).
	Ključna riječ. CQ-TM6CE44M
	A Panasonic Corporation ezennel nyilatkozik am ó l, hogy a fent meg addit
	típus ú rádiós berendez és(ek) megfelel(nek) a 2014,53,EU irányelv előfrásainak.
	Lépjen a http://www.ptc.panasonic.eu/.oldalra, kattintson a "Declaration of Conformity" (Megfelelőségi nyilatkozat) elemre,
Hungarian	és írja be az alábbi Kulcsszót a kulcsszó keresőmezőjébe, ha szeretné letőlteni
	a leg (habb "DECLARATION OF CONFORMITY" (Megfelelőségi nyilatkozat) dokumentumot (.doc-fáji).
	Kulcssző. CQ-TM6CE44M
	Hêrmeð lýsir Panasonic Corporation því yfir að ofangreindur útvarpsbúnaður
	er [sammæmi við tilskipun 2014,53,ESB.
	Farðu á http://www.ptc.panasonic.eu/smelltu á "Declaration of Conformity (Samræmisylintýsing)".
[celand	sláðu eftirfaran diteg un dam Úm er inn í leitameitinn og þág aurðu s Ótt.
	nýjustu "DECLARATION of CONFORMITY (SAMRÆMISYFIRLÝSINGUNA)" (DoC).
	Teg undaműmer. CQ-TM6CE44M
	Il fabbricante, Panasonic Corporation, dichiara che il tipo di apparecchia tura radio elencato sopra
	è conforme alla direttiva 2014/53/UE.
	Accedere all sito http://www.ptc.panasonic.eu/, fare clic.su "Declaration of Conformity (Dichiarazione di Conformità)"
Italian	e inserire la parola chiave seg ueste nella casella di ricerca per parole chiave per poter scaricare
- Cuntur	la "DECLARATION of CONFORMITY (Dichiarazione di Conformità)" (DoC) più recente.
	Parola chiave: CQ-TM6CE44M
	Šiuo dokumentu "Panasonic Corporation" paraiškia, kad pirmiau pataikts tipo radijo ryšio įranga
	atitinka direktyv9 2014,53,ES.
Lithuanian	Atverkite http://www.ptc.panasonic.eu/, spustelékite "Declaration of Conformity" (Atitikties deklaracija),
Liurgaman	į raktažodžio paieškos laukelį įveskite toliau pateiktą raktažodį ir g. dėsite atsisiųsti
	naujausią "DECLARATION of CONFORMITY" (ATITIKTIES DEKLARACIJA).
	RaktaŽodis: CQ-TM6CE44M
	Ar šo Panasonic Corporation deklarē, ka iepriekš minētā radioiekārta atbilst Direktīvas 2014,63,65 prasībām.
	Dodieties uz vietni http://www.ptc.panasonic.eu/noklikškiniet uz sadaļas "Declaration of Conformity" (Atbilstibas deklarācija) un atslēgvārdu
Latvin	meklēšanas laukā ievadiet turpmāk mirrēto atslēgvārdu, lai lejupielādētu jaunāko "DECLARATION of CONFORMITY (DoC)" (ATBILSTĪBAS
	DEKLARÁCIJU). Ablēgvērds: CQ-TM6CE44M
	Asiegvards: CQ-1 M0C244M
	B'dan, Panasonic Corporation tiddikjara li t-tip ta' tagħmir tar-radju elenkat hawn fuq
	huwa konformi mad-Direttiva 2014,53,6UE.
Malana	A⇔ess gNall-http://www.ptc.panasonic.eu/, ikklikkja "Declaration of Conformity (Dikjarazzjoni ta" Konformitā)",
Maltese	daħħal il-Kelma Muftieħ thawn tañt fil-parti tar-ri¢erka tal-kliem muftieħ, tista tnižžel id-DECLARATION of CONFORMITY (DIKJARAZZJONI
	TA'KONFORMITÀ)" I-sktar ricenti (DoC).
	Kelma Muftieħ: CQ-TM6CE44M
	Panasonic Corporation erklærer herved at radioutstyret av typen nevnt oven for
	eri samsvar med direktiv 2014.53.EU.
Norway	Ved å g åtil http://www.ptc.panasonic.eu/, klikke på "Dedaration of Conformity (samsvarserklæring)" og taste inn nedenstående nøkkelord i nø
	kkelord-søkeboksen, kan du laste ned den nyeste "DECLARATION of CONFORMITY (SAMSVARSERKLÆRINGEN)" (DoC).
	Nøkkelord: CQ-TM6CE44M
	Hierbij verklaar ik, Panasonic Corporation, dat radioapparatuur van het hierboven vermelde type
	conform is met Richtlin 2014,63,£U. Que naar http://www.ptc.panasonic.eu/, klik op "De claration of Conformity (conformite/itsverklaring)",
Dutch	Ga naar http://www.ptc.panasonic.eu/, klik op _De daration of Conformity (conformitertsverklanng) , yul in het vak Keyword Search de onderstaande code in en dan kunt u
	de recentste "DECLARATION of CONFORMITY (conformite its verklaring)" (DoC) downloaden.
	Code: CQ=TM6CE44M

Polish	Niniejszym firma Panasonic oświadcza, że podany powyżej typ urządzeń radiowych jastzą ody z dyrektywą 2014.63.UE. Wejdź na stoną ktyr./www.ptc.panasonic.eu/, kliknij "Declaration of Conformity (Deklaracja zg odnód)", w polu wyszukiwania słów kluczowych wprowadź podane poniżej słowo kluczowe i pobierz najnowszą wersję "DECLARATION of CONFORMITY (DEKLARACJI ZGODNOŚCI)" (Do.C). Słowo kluczowe: CG-TM8CE44M
Portug u ese	Pela presente, a Panasonic Corporation declara que o equipamento de rádio do tipo listado acima se encontra em conformidade com a Diretiva 2014.63.UE. Aceda a http://www.ptc.panasonic.eu/, clique em "Declaration of Conformity (Declaração de Conformidade)", introduza a palavra-chave indicada abaixo na caixa de pesquisa de palavras-chave para descarreg a a mais recenta "DECLARATION of CONFORMITY (DECLARAÇÃO DE CONFORMIDADE)" (DoC). Palavra-chave: CQ-TM6CE44M
Romanian	Prin prezentul document, Panasonic Corporation declară că echipamentul radio de tipul enumerat mai sus este în conformitate cu Directiva 2014.63./UE. Accessți http://www.ptcpanasonic.eu/, faceți clic pe "Declaration of Conformity (Declarație de conformitate)", introduceți cuvăntul cheie de mai jos în caseta de căutare după cuvinto cheie și puteți să descărcați cea mai recentă "DECLARATION of CONFORMITY (DECLARAȚIE DE CONFORMITATE)" (Doc). Cuvănt cheie: CQ-TM60E44M
Serbia	Ovim kompanija Panasonic Corporation izjavljuje da je g eenavedena radio oprema tipa u skladu sa odredbama direktive 2014.63.EU. Pristupite stranich thts://www.ptc.panasonic.eu/, kliknite na "Declaration of Conformity (Izjava o usklađenosti)", dolenavedenu ključnu reč unestie u polje za pretrag uključnih reč i onda možete da preuzmete najnoviji dokument "DECLARATION of CONFORMITY (Izjava o usklađenosti)" (DoC -izjava o usklađenosti). Ključna reč: CQ-TM6CE44M
Slovak	Spolo Čnosť Panasonic Corporation týmto vyhlasuje, že rádiové zariadenie vyššie uvedeného typu je v súlade so smemicou 2014.63ÆÚ. Na lokatie http://www.ptc.panasoniceu/môžete kiknúť na možnosť "Declaration of Conformity (Vyhlásenie o zhode)", zadať nižšie uvedené kúľčové slovo do vyhàdávacieho poà a prevziať si najnovšie DECLARATION of CONFORMITY (VYHLÁSENIE O ZHODE)"(DoC). Kúľčové slovo: CG-TM8CE44M
Slovene	Panasonic Corporation potrjuje, da je zg saj navedeni tip radijske opreme skladen z Direktivo 2014/63/EU. Obiščite http://www.ptc.panasonic.eu/, kliknite "Declaration of Conformity (Izjava o skladnosti)", v okence za iskanje vnesite spodnjo ključno besedo in prenesite najnovejšo Izjavo o skladnosti – "DECLARATION of CONFORMITY (IZJAVA O SKLADNOSTI)" (DoC). Ključna beseda: CO-TM6CE44M
Swedish	Härmed intyg g Panasonic Corporation attradioutrustning erovan uppfyller direktiv 2014-63.6 LU. Gå till http://www.ystc.panasonic.eu/, klicka på "Declaration of Conformity (försäkran om överensstämmelse)" och ang enyckelordet nedan i sö krutan. Sedan kan du ladda ned den senaste "DECLARATION of CONFORMITY (försäkran om överensstämmelse)" (DoC). Nyckelord: CO-TM6CE44M
Turkey	İşbu belg eile Panasonic Corporation, yukarda listelenen radyo ekipmanl tipinin 2014.63.AB Direktifine uyg urolduğunu beyan etmektedir. http://www.ptc.panasonic.eu/adresinden 'Declaration of Conformity (Uyg urluk beyani)'' başlığına tikladıktan sonra, aşağıdaki anahtar kelimeyi arama kutusuna girerek en son DE CLARATION of CONFORMITY (UYGUNLUK BEYAND'nı (DoC) indirebilirsiniz. Anahtar kelime: CQ-TM80E44M

Without DAB radio

Manufacture, Address:

Üretici, Adres:

Prodhimi, Adresa:

Panasonic Corporation.

4261 Ikonobe-cho, Tsuzuki-ku, Yokohama-City Kanagawa-ken 224-8520, Japan

Importer, Address:

İthalator, Adres:

Importuesi, Adresa:

Mazda Motor Logistics Europe NV

Blaasveldstraat 162, 2830 Willebroek, België

Mazda Motor Poland sp.zo.o.

ul. Postępu 14B, 02-676 Warsaw, Poland

Mazda Motor Czech, s.r.o.

Türkova 2319/5b, Chodov, 149 00 Prague 4, Czech Republic

Mazda Motor Slovakia, s.r.o.

LINDNER II, Galvaniho 7/B, Bratislava - Ružinov 821 04, Slovak Republic

Model, No.: CQ-TM6CE54M

	Me anë të këtijdokumenti, "Panasonic Corporation" deklaron se radiopajisja e tipit të listuar më lart është në përputhshmëri me Direktivën 2014,53,6E.
Albania	Hyni në http://www.ptc.panasonic.eu/, klikoni "Declaration of Conformity (Deklarata e përputhshmëriaë)", shkruani termin kyç në kutinë e kë rkimit të termave kyçe dhe mund të shkarkoni versionin e fundit të "DECLARATION of CONFORMITY (DEKLARATËN E PËRPUTHSHMËRIS Ë)" (DeC)
	Temi kyç: CQ-TM6OE54M
	С настоящ ото Panasonic Corporation декларира че радиосборудването от типа, посочен по-гора е в съответствие с Диреклива 2014 /63 / EC.
	Отидете на http://www.ptc.panasonic.eu/, щракнете върху.De claration of Conformity (Декларация за съответствие)",
	вызедете ключовата дума, дадена по-долу, в полето за тырсене по ключова дума ище можете да изтеглите най-новата
Bulgarian	DECLARATION oF CONFORMITY (ДЕКЛАРАЦИЯ ЗА СЪОТВЕТСТВИЕ)*(DoC).
	Ключова дума СQ-ТМ6СЕ54М
	Tím to společnost Parasonic Corporation prohlašuja, ža výša uvedan é rádiov é zařízan í typu CQ-TMSCE54M je v souladu sa směmici
	2014,53,EU.
Czech	Kódž přejdete na střánky http://www.ptc.panasonic.eu/, kliknete na "Declaration of Comformity (Prohlášení o shodě)" a zadáte Číslo modelu CO-TIMOSEMH do pole pro vyhledávání podle klíčového slove, budete si moci stáhnout nejnovější verzi "DECLARATION of CONFORMITY (PROHLÁŠENÍO SHODĚ)"(DoC)
	Hermed erklærer Panasonic Corporation, at radioudstyret af typen nævnt ovenfor
	er i overensstammelse med direktiv 2014,53,ÆU.
Danish	Du kan hente den seneste "DECLARATION of CONFORMITY (OVERENSSTEMMELSESERKLÆRING)" (DOC) ved at besøge
	http://www.ptc.panasonic.eu/, klikke på "Dedaration of Conformity (Overensstemmelseserklæring)" og indtaste nedenstående nøgleord i feltet til nøgleordsøg ing.
	Nøgleord: CQ-TM6CE54M
	Hiermiterklärt Panasonic Corporation, dass der obeng enanne Funkanlag entyp
	der Richtlinie 2014,53.EU entspricht
German	Klicken Sie unter http://www.ptc.panasonic.eu/auf "Declaration of Conformity" (Konformitätserklärung), g eberGie das nachstehende Schlüsselwort in die Schlüsselwortsuche ein und laden Sie
	g e berbie das nachstehende Schl u sselwort in die Schl u sselwortsuche ein und laden Sie die aktuelle "DECLARATION of CONFORMITY (Konformit ä tserkl ä rung)"(DoC) herunter:
	Schlüsselwort CQ-TM6CE54M
	Με την παραίσα η Panasonic Corporation δηλύνες τιο ραδρεξοπλισμός που παραίτθεπικακυ έρω
	συμιορόω νεται με την οδητί α2014,53/ΕΕ
Greek	Επισκεφθέτετον στο τοπολημέν.//www.ptc.panasonic.eu/, Μέντε κλικ στοι«Declaration of Conformity (Δή λωση συμφρόμοσης)», καταικώ όστε την παρακό τω λέξη κλείδ στο πλαίσιο αναίζη τησης. Λέξης-κλείδιού για να μπορέσετε να κατείδισετε
	πασιχώριο το την παράνη του περικασίο του παρίο ο αναξί την περικασίου για να μπορίο σου να πασυρίουσε του παρίο σου παρίο σου να μπορίο σου να πασυρίουσε την περικασίουσε του παρίο σου παρίουσε του
	NE STEAS OF CO-TMICES 4M
	Here by, Panasonic Corporation declares that the radio equipment type Listed above
	is in compliance with Directive 2014.63/EU.
English	Access to http://www.ptc.panasonic.eu/click "Declaration of Conformity",
	enter the below Keyword into the keyword search box, you can download the latest "DECLARATION of CONFORMITY" (DoC).
	Keyword: CQ-TM60E54M
	Por la presente, Panasonic Corporation declara que el equipo de radio del tipo citado más amba
	cumple con lo establecido en la Directiva 2014,63/UE.
Spanish	Acceda a http://www.ptc.panasonic.eu/, hag adic.en "Declaration of Conformity (Declaración de conformidad)",
oparism	introduzca la palabra dave indicada a continuación en el cuadro de búsqueda y podrá descarg a la última "DECLARATION of CONFORMITY
	(Declaraci ó n de conformidad)"(DoC). Palabra clave: CQ-TM60E54M
	Käesolevag adeklareerib Panasonic Corporation, et eelmainitud raadioseadme tüüp
	vastab direktivi 2014,53,ÆL n ō ue tele.
	Ming eveebilehele http://www.ptc.panasonic.eu/, klopsake valikul "Dedaration of Conformity" (Vastavusdeklaratsioon),
Estonia	sisestag ealltoodud märksõna spetsiaalsele otsing wäljale ning laadig ealla
Estonia	delineration (Dec) ABATION atomic DMITY" (Mastermental Instituto (Dec) a financia delineration
Estonia	dokumendi "DECLARATION of CONFORMITY" (Vastavusdeklaratsioon) (DoC) viimane versioon. Märks Öna; CQ-TM60E54M

	Panasonic Corporation vakuuttaa, että edellä lueteltu radiolaitetyyppi
	täyttää direktiivissä 2014,63,ÆU asetetut vaatimukset.
	Viimeisin "DECLARATION of CONFORMITY (VAATIMUSTENMUKAISUUSVAKUUTUS)" (DoC) on ladatta vissa verkkosivulla
Finnish	http://www.ptc.panasonic.eu/
	valitsemalla kohta "Declaration of Conformity (vaatimustenmukaisuusvakuutus)" ja
	svÖttäm ällä alla majnittu hakusana hakukenttään.
	Hakusans: CQ-TM6CE54M
	Par la présente, Panasonic Corporation dédare que le type d'équipement radio répertoné cirdessus
	est en conformité avec la directive 2014/53/UE.
	Pour télécharg «la demière « DECLARATION of CONFORMITY (DÉCLARATION DE CONFORMITÉ) » (DoC), rendez-vous sur
French	http://www.ptc.panasonic.eu/, diquez.sur« Declaration of Conformity (Déclaration de conformité) », puis saisissez le mot dé cirdessous dans
	le champ de recherche parmos dés.
	Motdé: CQ-TM60E54M
	Ovime Panasonic Corporation izjavljuje da je radijska oprema vrste navedene iznad
	u skladu s Direktivom 2014,63,ÆU.
Croatian	Pristup za: http://www.ptc.panasonic.eu/, kliknite "Declaration of Conformity" (Izjava o sukladnosti),
	unesite ključnu riječ koja je navedena u nastavku, u okvir za pretraživanje ključne riječi, možete preuzeti
	na jnoviju "DECLARATION of CONFORMITY (IZ JAVU O SUKLADNOSTI)" (DoC).
	Ključna riječ, CQ-TM6CE54M
	A Panasonic Comporation e zennel nyilatkozik am'til, hogy a fent meg addt
	tĺpusű rádiós berendezés(ek) megfelel(nek) a 2014,63ÆU irányelv előfrásainak.
	Lépjen a http://www.ptc.panasonic.eu/, oldalra, kattintson a "Declaration of Conformity" (Megfelelőségi nyilatkozat) elemre,
Hungarian	és írja be az alábbi Kulcsszót a kulcsszó keresőmezőjébe, ha szeretné letőlteni
	a leg ú bb "DECLARATION OF CONFORMITY" (Megfelel Ōségi nyilatkozat) dokumentumot (.doc fá ji).
	Kulcsszó. CQ-TM6CE54M
	Ruicsszo. CQ-1 MRC CD4M
	Hêr meði lýsir Panasonic Corporation því yfir að ofangreindur útva rosbúhaður
	er [samræmi við tilskjoun 2014 53/ESB.
	Farðu á http://www.ptc.panasonic.eu/smelltu á "De claration of Conformity (Samræmisyfirlýsing)",
[celand	sláðu eftirfarandi teg undamúmer inn í leita meitinn og þá g aturðu sótt.
	nýjustu "DECLARATION of CONFORMITY (SAMRÆMISYFIRLÝSINGUNA)"(DoC).
	Teg undanûmer. CQ-TM6CE54M
	Teg undshumer, Od-TMOCES+M
	Il fabbricante, Panasonic Corporation, dichiara che il tipo di appare cchiatura radio elencato sopra
	e conforme alla direttiva 2014-53-JUE
	Accedere all sito http://www.ptc.panasonic.eu/, fare clic.su "Declaration of Conformity (Dichiarazione di Conformità)"
Italian	e inserire la parola chiave seg uento nella casella di ricerca per parola chiave per poter scaricare
	la "DECLARATION of CONFORMITY (Dichiarazione di Conformità)" (DoC) più recente
	Parola chiave: CQ-TM6CE54M
	Šiuodokumentu "Panasonic Corporation" pareiškia, kad pirmiau pateikta tiporadijoryšiotįranga
	atitinka direktyv@2014,63ÆS.
Lithuanian	Atverkite http://www.ptc.panasonic.eu/, spustelékite "De claration of Conformity" (Atitikties deklaracija),
Lithuanian	į rakta ŽodŽio paie škos laukelį įveskite toliau pateiktų rakta Žodį ir g. akėsite atsisiųsti
	naujausią "DECLARATION of CONFORMITY" (ATITIKTIES DEKLARACIJA).
	RaktaŽodis: CQ-TM6CE54M
	Ar šo Panasonic Corporation deklarē, ka iepriekš minētē radioiekārta atbilst Direktīvas 201 <i>4,5</i> 3,ÆS prasībām.
	Dodieties uz vietni http://www.ptc.panasonic.eu/, noklik šķiniet uz sadaļas "Declaration of Conformity" (Atbilstības deklarācija) un atslēgvārdu
	meklēšanas laukā ievadiet turpmāk minēto atslēgvārdu, lai lejupielādētu jaunāko "DECLARATION of CONFORMITY (DoC)" (ATBILSTĪBAS
Latvin	mekiesanas lauke levadiet turpmek mineto atsiegverdu, lai lejupieledetu jauneko. DECLARATION of CONFORMITT (DOC) (ATBLESTBAS. DEKLARĀCIJU).
	DEKLARACIJU). Atslēzvārds: CQ-TM6CE54M
	Asiegvards: Cu-TM6CE54M
	B'dan, Panasonic Corporation tiddikjara li t-tip ta 'taghmir tar-radju elenkat hawn fug
	huwa konformi mad-Dire tiva 2014.63.4UE.
	Access ghall-http://www.ptc.panasonic.eu/, ikklikkija "Declaration of Conformity (Dikjarazzjoni ta" Konformit à)",
Maltese	da Mha li Helma Muftieth thawn ta fit fil-parti tar-ricerka tal-kliem muftieth, tista' triżżel id-"DECLARATION of CONFORMITY (DIKJARAZZJONI
	TA' KONFORMITÀ)" I-sktarničenti (DoC).
	Kelma Muftich: CQ-TM6CE54M
	Remind in United Season Communication Commun
	Panasonic Corporation erklærer herved at radioutstyret av typen nevnt ovenfor
	er i samsvar med direktiv 2014,63,EU.
	Ved å g åtil http://www.ptc.panasonic.eu/, klikke på "Declaration of Conformity (samsvarserklæning)" og taste inn nedenstående nøkkelord i nø
Norway	kkelord s@keboksen, kan du laste ned den nyeste "DECLARATION of CONFORMITY (SAMSVARSERKLÆRINGEN)" (Doc).
	Nøkkelord: CQ-TM6CE54M
	THE PROPERTY OF THE PROPERTY O
	Hierbij verklaar ik, Panasonic Corporation, dat radioapperatuur van het hierboven vermelde type
	conform is met Richtlijn 2014,53,EU.
	Gainaan http://www.ptc.panasonic.eu/, klik op "Declaration of Conformity (conformitatisverklaring)",
Dutch	vul in het vak. Keyword Search de onderstaande code in en dan kunt u
	de recentste "DECLARATION of CONFORMITY (conformiteitsverklaring)" (DoC) downloaden. Code: OQ-TM60E54M
	Code: CRIT MUCESHM

Polish	Niniejszym filma Panasonic oświadcza, że podany powyżej typ urządzeń radiowych jestzg oder z dyrektywą 2014,63,0LE. Wejdż na stonę http://www.ptc.panasonic.eu/, kliknij "Declaration of Conformity (Deklaracja zg odnści)", w polu wyszukiwania słów kluczowych wprowadź podane poniżej słowo kluczowe i pobierz najnowszą wersję "DECLARATION of CONFORMITY (DEKLARACJI ZODNOŚCI)" (DoC). Słowo kluczowe: CQ-TMŚCE54M
Portu gue se	Pela presente, a Panasonic Corporation declara que o equipamento de rádio do tipo listado acima se encontra em conformidade com a Diretiva 2014.63.UE. Aceda a http://www.bc.panasonic.eu/.cique em "Declaration of Conformity (Declaração de Conformidade)", introduza a palavra-chave indicada abaixo na caixa de pesquisa de palavras-chave para descarreg #a mais recente "DECLARATION of CONFORMITY (DECLARAÇÃO DE CONFORMIDADE)" (DoC). Palavra-chave: CQ-TM80E54M
Romanian	Prin prezentul document, Panasonic Corporation declară că echipamentul radio de tipul enumerat mai sus este în conformitate cu Directiva 2014.63.UE. Accessă în tip://www.wu.sc.panasonic.eu/, faceţi clic pe "Declaration of Conformity (Declaraţia de conformitate)", introduceţi cuvăntul cheie de mai jos în caseta de căstare după cuvinte cheie şi putaţi să descărcaţi ca mai recentă "DECLARAŢION of CONFORMITY (DECLARAŢIE DE CONFORMITATE)" (DoC). Guvănt cheie: CO-TM6CE54M
Serbia	Ovim kompanija Panasonic Corporation iz javljuje da je g senavedena radio oprema tipa u skladu sa odredbama direktive 2014,63.EU. Pris tupite stranici http://www.ptc.panasonic.eu/, kiknite na "Declaration of Conformity (Iz java o usklađenosti)", do lenavedenu ključnu reč unesite u polje za pretrag uk jučnih reč i onda možete da preuzmete najnoviji dokument "DECLARATION of CONFORMITY (Iz java o usklađenosti)" (DoC -iz java o usklađenosti). Ključna reč. OQ-TM6CES4M
Slovak	Spoločnosť Panasonic Corporation tým to vyhlasuje, že rádiové zariadenie vyššie uvedeného typu je v súla de so smemicou 2014.63.EÚ. Na lokalite http://www.ptc.panasoniceu/môžete kliknúť na možnosť "Declaration of Conformity (Vyhlásenie o zhode)", zadať nižšie uvedené kúčové slovo do vyhá dávacieho poá a prevziať si na jnovše "DECLARATION of CONFORMITY (VYHLÁSENIE O ZHODE)" (DoC), KúČové slovo: CQ=TM6CE54M
Slovene	Panasonic Corporation potrjuje, da je zg caj navedeni tip radijske opreme skladen z Direktivo 2014.63.ÆU. ObišČite http://www.ptc.panasonic.eu/k liknite "Declaration of Conformity (Izjava o skladnosti)", v okence za iskanje vnesite spodnjo ključno besedo in prenesite najnovejšo Izjavo o skladnosti – "DECLARATION of CONFORMITY (IZJAVA O SKLADNOSTI)" (DoC). Ključna beseda: CQ-TM60E54M
Swedish	Härmed inbys s Panssonic Corporation attradioutrustning errovan uppfyller direktiv 2014;63:EU. Gå till http://www.ptcpanssonic.eu/, klicks på "Declaration of Conformity (försäkran om överensstämmelse)" och ang enyckelordet nedan i sö krutan. Sedan kan du ladda ned den senaste "Declaration of CONFORMITY (försäkran om överensstämmelse)" (DoC). Nyckelord: CQ-TM6CE54M
Turkey	İşbu belg elle Panasonic Corporation, yukarıda listelenen radyo ekipmanl tipinin 2014.63./AB Direktfine uyg urolduğunu beyan etmektedir. http://www.ptc.panasonic.eu/adresinden "Declaration of Conformity (Uyg utluk beyani)" başlığına tıkladıktan sonra, aşağıldaki anahtar kelimeyi arama kutusuna girerek en son "DECLARATION of CONFORMITY (UYGUNLUK BEYAND"nı (DoC) indirebifirsiniz. Anahtar kelime: CQ-TM6CE54M

▼ Audio System

Mazda Connect (Type A)

Without Wireless CarPlay

български [Bulgarian]	С настоящото Visteon Corporation декларира, че този тип радиосъоръжение MAZDA_GEN_65_CMU е в съответствие с Директива 2014/53/EC. Цяпостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрос; https://www.siseondocs.com/siseondos/son/siseondos/siseondos/son/siseondos/s
Čeština [Czech]	Timto Visteon Corporation prohlašuje, že typ radioveho zařízení MAZDA_GEN_65_CMU je v souladu se směrnici 2014/53/EU. Uplne znění EU prohlašení o shodě je k dispozici na teto internetove adrese: https://www.visteondocs.com/
Dansk [Danish]	Hermed erklarer Visteon Corporation, at radioudstyrstypen MAZDA_GEN_65_CMU er i overensstemmelse med direkti 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: https://www.visteondocs.com/
Deutsch [German]	Hiemilt erklart Visteon Corporation, dass der Funkanlagentyp MAZDA_GEN_65_CMU der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: https://www.visteendoes.com/
Eesti [Estonian]	Kassolevaga deklareerib Visteon Corporation, et kaesolev raadioseadme tuup MAZDA_GEN_65_CMU vastab direktiiv 2014/53/EL nouelele. ELi vastarusdeklaratsiooni talelik tekst on kattesaadav jargmisel internetiaadressit: https://www.visteondocs.com/
English	Hereby, Visiteon Corporation declares that the radio equipment type MAZDA_CEN_65_CMU is in compliance with Directive 2014/53/EU. The full lext of the EU declaration of conformity is available at the following internet address: https://www.visiteondocs.com/
Espanol [Spanish]	Por la presente, Visteon Corporation declara que el tipo de equipo radioeléctrico MAZDA_GEN_65_CMU es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siquiente https://www.visteondocs.com/
Ελληνική [Greek]	Me την παρούσα σ'η Visteon Corporation, δηλώνει ότι ο ραδιοεξοπλισμός MAZDA_GEN_65_CMU πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυς: https://www.visteondosc.ou/
Francais [French]	Le soussigne, Visteon Corporation, declare que l'equipement radioelectrique du type MAZDA_GEN_65_CMU est conforme a la directive 2014/53/UE. Le texte complet de la declaration UE de conformite est disponitile a l'adresse internet suivante: https://www.visteondocs.com/
Hrvatski [Croatian]	Visteon Corporation ovime izjavljuje da je radijska oprema tipa MAZDA_GEN_65_CMU u skladu s Direktivom 2014/53/EU. Cjelovit tekst EU izjave o sukladnosti dostupan je na sljedečoj internetskoj adresi: https://www.visteondosc.com/
Italiano [Italian]	Il fabbricante, Visicon Corporation, dichiara che il lipo di apparecchiatura radio MAZDA_GEN_65_CMU e conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformita UE e disponibile ali seguente indirizzo Internet: https://www.visicendocs.com/
Latviešu valoda [Latvian]	Ar šo Visteon Corporation deklarē, ka radioiekārta MAZDA_GEN_65_CMU atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē; https://www.visteondocs.com/
Lietuvių kalba (Lithuanian)	Aš, Visteon Corporation, patvrtinu, kad radijo įrenginių tipas MAZDA_GEN_65_CMU atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: https://www.visteondocs.com/
Nederlands [Dutch]	Hierbij verklaar ik Visteon Cornoration, dat het type radioapparatuur MAZDA_GEN_65_CMU conform is met Richtlijn 2014/53/EU. De vloldedige tekst van de EU-conformiteitsverklaring kan worden geraadpieegd op het volgende internetadres; https://www.visteondocs.com/
Malti [Maltese]	B'dan, Visteon Corporation, niddisjara li dan it-tip ta' tagfimir tar-radju MAZDA_GEN_65_CMU huwa konformi mad-Direttiva 2014/53/U.E. It-test koliu tad-dikjarazzjoni ta' konformita tal-UE huwa disponibbil r'dan Hindirizz tal-Internet I deji: https://www.visteondocs.com/
Magyar [Hungarian]	Visteon Corporation igazoja, hogy a MAZDA_GEN_65_CMU tipusu radioberendezes megfelel a 2014/53/EU iranyelmek. Az EU-megfelelőségi nyilatkozat teljes szovege elerhető a következő internetes cimen: nttus://www.visteondos.com/
Polski [Polish]	Visteon Corporation niniejszym oświadcza, że typ urządzenia radiowego MAZDA_GEN_65_CMU jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: https://www.visteondocs.com/
Portugues [Portuguese]	O(a) abaixo assinado(a) Visteon Corporation declara que o presente tipo de equipamento de radio MAZDA_GEN_65_CMU esta em conformidade com a Direitiva 2014/53/UE. O texto integral da deciracao de conformidade esta disponição no securidar enderence de Interment https://www.visteondocs.com/
Romană [Romanian]	Prin prezenta, Visteon Corporation declară că tipul de echipamente radio MAZDA_GEN_65_CMU este in conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibi la următoarea adresă internet: https://www.visteondosc.oru.
Slovenščina (Slovenian)	Visieon Corporation potrtuje, da je tip radijske opreme MAZDA_GEN_65_CMU skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: https://www.visteondocs.com/
Slovenčina (Slovak)	Visteon Corporation týmto vyhlasuje, že rádiové zariadenie typu MAZDA_GEN_65_CMU je v súlade so smerniccu 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozicii na tejlo internetovej adrese: https://www.visteondocs.com/
Suomi [Finnish]	Visieon Corporation vakuuttaa, etta radiolalietyyppi MAZDA_GEN_65_CMU on direktiivin 2014/53/EU mukainen. EU-vaatimustennukaisuusvakuutuksen täysimittainen teksii on saatavilla seuraavassa internetosoitteessa: https://www.visteondoss.com/
Svenska [Swedish]	Harmed forsakrar Visteon Corporation att denna typ av radioutrustning MAZDA_GEN_65_CMU överensstämmer med direktiv 2014/53/EU. Den fulliständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: https://www.visteondoss.com/siteondoss.co

[slenska	Hér með Visteon Corporation lýsir yfir að tegund þráðlausan búnað MAZDA_GEN_65_CMU er í samræmi við tilskipun
[lcelandic]	2014/53/ESB. The fullur texti af ESB-samræmisyfirlýsingu er í boði á eftirfarandi veffangi: https://www.visteondocs.com/
Norsk [Norwegian]	Herved Visteon Corporation erklærer at radioutstyr type MAZDA_GEN_65_CMU er i samsvar med direktiv 2014/53/EU. Den fullstendige teksten i EU-samsvarserklæringen er tilgjengelig på følgende internettadresse: https://www.isteondocs.com/
Türkçe	Burada, Visteon Corporation radyo ekipmanı türünün MAZDA_GEN_65_CMU 2014/53/EU direktiflerine uyumlu
[Turkish]	olduğunu beyan eder. Uyumu beyanının tam metni belirtilen internet sitesinde mevcuttur: https://www.visteondocs.com/

Frequency Range	2400-2483.5MHz
District Course	Bluetooth < 4dBm
	WLAN < 30dBm

UK

Hereby, **Visteon Corporation** declares that the radio equipment type **MAZDA_GEN_65_CMU** is in compliance with the Radio Equipment Regulations of the United Kingdom. The full text of the Declaration of Conformity is available at the following internet address: www.visteondocs.com

a.Frequency band: 2.4 GHz b.Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates. Max output power = 30 mW



Model: MAZDA_GEN_65_CMU

Brand: Visteon Manufacturer: Visteon Corporation

Address: One Village Center, Van Buren Township 48111-5711 Michigan

United States of America

Botswana

CE MARK

BOCRA

REGISTERED No: BOCRA/TA/2020/2057





Indonesia

78026/SDPPI/2021 8032

51-79398

מספר אישור אלחוטי של משרד התקשורת הוא 51-79398 אטור להחליף את האנטנה הנקוורית של הנגנשיר ולא לעשות בו כל שעויטוני אחר

Jamaica This product has been Type Approved by Jamaica: SMA – "MAZDA_GEN_65_CMU".

This product contains a Type Approved Module by Jamaica: SMA - "MAZDA_GEN_65_CMU".

Jordan The manufacturer: Visteon Corporation Equipment type: MAZDA_GEN_65_CMU

TRC's type approval certificate number: TRC/34/8159/2023

Morocco

AGREE PAR L'ANRT MAROC

 Numéro d'agrément
 MR00038312ANRT 2023

 Date d'agrément
 24/05/2023

Mozambique INCM - 23EBP15

Model - MAZDA_GEN_65_CMU

Manufacturer - Visteon Corporation

Nigeria

Connection and use of this communications equipment is permitted by the Nigerian Communications Commission

Philippines





Ukraine



Модель: MAZDA_GEN_65_CMU Діапазон частот: 2400 - 2483.5 МГц

Максимальна потужність вихідної потужності (Bluetooth): 4 дБм Максимальна потужність вихідної потужності (WLAN): 30 дБм

Дана Visteon Corporation заявляє, що тип радіообладнання (позначення типу радіообладнання) відповідає Технічному регламенту радіообладнання; Повний текст декларації про відповідність можна знайти на сайті за адресою: https://www.visteondocs.com/.

Paraguay

Distributor: Garden MPY S.A.

Address: Republica Argentina y Facundo Machain, Asuncion, PARAGUAY

Taiwan



Product Name: Automotive Electronics Infotainment Head Unit

Certification Name: MAZDA_GEN_65_CMU

Certificate Holder: Visteon Corporation

警語

低功率電波輻性電機管理辦法

第十二條經型式認籍合格之代功率計頻電機,非經許可,公司,商號或 使用者均不得槽自變更頻率,加大功率或變更原設計之特性及功能。

第十四條匠功率射頻電機之使用不得影響飛航影響安全及干擾合法 通信,經發現有干擾現象時,應立即停 用,並改善至無干擾時方得繼續 使用。

前項合法通信,指一電信法規定作業之無線電通信低功率射頻電機需 忍受合法通信或工業,科學及醫療用 電波輻射性電機設備之干機。

Brazil



ANATEL web link:

http://www.anatel.gov.br/institucional/

'Este equipamento ope ra em character secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em character primário"

FCC ID: NT862932

<u>FCC</u>

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Caution:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

With Wireless CarPlay

Model Name: MAZDA_68_CMU

Type of product: Automotive Electronics Infotainment Head Unit

Brand Name: Visteon Corporation

One Village center drive, Van Buren Township

48111-5711 Michigan United States of America

CE MARK:

CE

Simplified EU DoC:

Hereby, Visteon Corporation declares that the radio equipment type MAZDA_68_CMU is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://www.visteondocs.com/

Български	С това фирмата Visteon Corporation декларира, че частта MAZDA_68_CMU е в съответствие	
[Bulgarian]	със съществените изисквания и други приложими разпоредби на директивата 2014/53/EC.	
Česky	Visteon Corporation tímto prohlašuje, že tento MAZDA_68_CMU je ve shodě se základními požadavky a	
[Czech]	dalšími příslušnými ustanoveními směrnice 2014/53/EU.	
Dansk	Undertegnede Visteon Corporation erklærer herved, at følgende udstyr MAZDA_68_CMU overholder de	
[Danish]	væsentlige krav og øvrige relevante krav i direktiv 2014/53/EU.	
Deutsch [German]	Hiermit erklärt Visteon Corporation, dass sich das Gerät MAZDA_68_CMU in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 2014/53/EU befindet.	
Eesti [Estonian]	Käesolevaga kinnitab Visteon Corporation seadme MAZDA_68_CMU vastavust direktiivi 2014/53/EL põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.	
English	Hereby, Visteon Corporation, declares that this MAZDA_68_CMU is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.	
Español [Spanish]	Por medio de la presente Visteon Corporation declara que el MAZDA_68_CMU cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/53/UE.	
Ελληνική	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Visteon Corporation ΔΗΛΩΝΕΙ ΟΤΙ ΜΑΖDA_68_CMU ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ	
[Greek]	ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/33/ΕΚ.	
Français	Par la présente Visteon Corporation déclare que l'appareil MAZDA_68_CMU est conforme aux exigences	
[French]	essentielles et aux autres dispositions pertinentes de la directive 2014/53/UE.	

Italiano [Italian]	Con la presente Visteon Corporation dichiara che questo MAZDA_68_CMU è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/53/UE.	
Latviski [Latvian]	Ar šo Visteon Corporation deklarē, ka MAZDA_68_CMU atbilst Direktīvas 2014/53/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.	
Lietuvių [Lithuanian]	Šiuo Visteon Corporation deklaruoja, kad šis MAZDA_68_CMU atitinka esminius reikalavimus ir kitas 2014/53/EB Direktyvos nuostatas.	
Nederlands [Dutch]	Hierbij verklaart Visteon Corporation dat het toestel MAZDA_68_CMU in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53/EG.	
Malti [Maltese]	Hawnhekk, Visteon Corporation, jiddikjara li dan MAZDA_68_CMU jikkonforma mal-htigijiet essenzjali u ma provvedimenti ohrajn relevanti li hemm fid-Dirrettiva 2014/53/UE.	
Magyar [Hungarian]	Alulirott, Visteon Corporation nyilatkozom, hogy a MAZDA_68_CMU megfelel a vonatkozó alapvető követelményeknek és az 2014/53/EU irányelv egyéb előírásainak.	
Polski [Polish]	Niniejszym Visteon Corporation oświadcza, że MAZDA_68_CMU jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 2014/53/UE.	
Português [Portuguese]	Visteon Corporation declara que este MAZDA_68_CMU está conforme com os requisitos essenciais e outras disposições da Directiva 2014/53/UE.	
Slovensko [Slovenian]	Visteon Corporation izjavlja, da je ta MAZDA_68_CMU v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 2014/53/ES.	
Slovensky [Slovak]	Visteon Corporation týmto vyhlasuje, že MAZDA_68_CMU spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 2014/53/EÚ.	
Suomi [Finnish]	Visteon Corporation vakuuttaa täten että MAZDA_68_CMU tyyppinen laite on direktiivin 2014/53/EU oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.	
Svenska [Swedish]	Härmed intygar Visteon Corporation att denna MAZDA_68_CMU står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/53/EU.	
Íslenska [Icelandic]	Hér með lýsir Visteon Corporation yfir því að MAZDA_68_CMU er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU.	
Norsk [Norwegian]	Visteon Corporation erklærer herved at utstyret MAZDA_68_CMU er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 2014/53/EF.	
Crnogorski jezik, Црногорски језик [Montenegrin]	Ovim, Visteon Corporation , izjavljuje da ovaj MAZDA_68_CMU je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 2014/53/UE.	

	Frequency Range	2400-2483.5MHz
	Output Power	Bluetooth < 4dBm
		WLAN <33dBm

FCC

FCC ID: NT8-MAZDA68CMU

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Caution:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



Nigeria

Connection and use of this communications equipment is permitted by the Nigerian Communications Commission



Ukraine



Модель: MAZDA_68_CMU Діапазон частот: 2400 - 2483.5 МГц

Максимальна потужність вихідної потужності (Bluetooth): 4 дБм Максимальна потужність вихідної потужності (WLAN): 33 дБм

Дана Visteon Corporation заявляє, що тип радіообладнання (позначення типу радіообладнання) відповідає Технічному регламенту радіообладнання; Повний текст декларації про відповідн?ість можна знайти на сайті за адресою: https://www.visteondocs.com/.

Paraguay

Distributor: Garden MPY S.A.

Address: Republica Argentina y Facundo Machain, Asuncion, PARAGUAY

Taiwan



Product Name: Automotive Electronics Infotainment Head Unit

Certification Name: MAZDA 68 CMU
Certificate Holder: Visteon Corporation

警部

低功率電波幅性電機管理指法

第十二條經型式認證合格之低功率射頻電機,非經許可,公司,商號或使用者均不得擅自變更頻率,加大功率或變更原設計之特性及功能。

第十四條低力率射頻電機之使用不得影響飛航影響安全及干擾合法 通信,經發現有干擾現象時,應立即停 用,並改善至無干擾時方得繼續 使用。

前項合法通信,指一電信法規定作業之無線電通信低功率射頻電機需忍受合法通信或工業,科學及醫療用電波福勢性電機設備之干擾。

Brazil



ANATEL web link:

http://www.anatel.gov.br/institucional/

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados

UK

Hereby, **Visteon Corporation** declares that the radio equipment type **MAZDA_68_CMU** is in compliance with the Radio Equipment Regulations of the United Kingdom. The full text of the Declaration of Conformity is available at the following internet address: <u>www.visteondocs.com</u>

a.Frequency band: 2.4 GHz

b.Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates.

Max output power = 32.2 mW



▼ Audio System (Mazda Connect (Type B))

Cyprus, Canary Islands, Austria, Greece, Italy, Switzerland, Belgium, Denmark, Finland, Norway, Portugal, Spain, Sweden, Hungary, Germany, Poland, Bulgaria, Croatia, Slovenia, Luxembourg, Slovakia, Latvia, Lithuania, France, Czech, Estonia, Iceland, Romania, Netherlands, Malta, Ireland, Liechtenstein, Albania, Serbia

French Guiana, Guadeloupe, Virgin Islands, St. Martin, Martinique, Reunion, New Caledonia, Tahiti

[*]: CL-MMZAE0JT, CL-MMZCE0JT, CL-MM6DA8JT, AM1904, AM1905

Manufacturer

·Name: Panasonic Automotive Systems Co., Ltd.

·Address: 4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan

Importer, Address:

Mazda Motor Logistics Europe NV

Blaasveldstraat 162, 2830 Willebroek, België

Mazda Motor Poland sp.zo.o.

ul. Postępu 14B, 02-676 Warsaw, Poland

Mazda Motor Czech, s.r.o.

Türkova 2319/5b, Chodov, 149 00 Prague 4, Czech Republic

Mazda Motor Slovakia, s.r.o.

LINDNER II, Galvaniho 7/B, Bratislava - Ružinov 821 04, Slovak Republic

Mazda Motor Logistics Europe NV Merkezi Belçika Türkiye İstanbul Şubesi

Merdivenköy Mah. Dikyol Sok. Business Istanbul B Blok No:2/72, 34732 Kadıköy- Istanbul, Turkey

Model No.[*]

Model No. CL-MMZAE0JT, CL-MMZCE0JT, CL-MM6DA8JT, AM1904, AM1905

Specifications of Bluetooth

Frequency band: 2402-2480MHz

Maximum radio-frequency power: 19.95mW Max

Specifications of WLAN

Frequency band: 2412-2472MHz

Maximum radio-frequency power: 56.23mW Max

Model No. CL-MMZCE0JT, AM1904

Specifications of WLAN

Frequency band: 5745-5825MHz

Maximum radio-frequency power: 22.39mW Max

Hereby, Panasonic Automotive Systems Co., Ltd. declares that the radio equipment type [*] is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

https://www.ptc.panasonic.eu/

Me anë të kësaj, Panasonic Automotive Systems Co., Ltd. deklaron se pajisjet e radios [*] janë në përputhje me Direktivën 2014/53 / BE.

Teksti i plotë i deklaratës së BE-së për konformitetin është në dispozicion në adresën e mëposhtme të internetit:

https://www.ptc.panasonic.eu/

С настоящото Panasonic Automotive Systems Co., Ltd. декларира, че този тип радиосъоръжение [*] е в с ъответствие с Директива 2014/53/EC.

Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: https://www.ptc.panasonic.eu/

Tímto Panasonic Automotive Systems Co., Ltd. prohlašuje, že typ rádiového zařízení [*] je v souladu se smě rnicí 2014/53/EU.

Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:

https://www.ptc.panasonic.eu/

Hermed erklærer Panasonic Automotive Systems Co., Ltd., at radioudstyrstypen [*] er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:

https://www.ptc.panasonic.eu/

Hiermit erklärt Panasonic Automotive Systems Co., Ltd., dass der Funkanlagentyp [*] der Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: https://www.ptc.panasonic.eu/

Με την παρούσα ο/η Panasonic Automotive Systems Co., Ltd., δηλώνει ότι ο ραδιοεξοπλισμός [*] πληροί την οδηγία 2014/53/ΕΕ.

Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: https://www.ptc.panasonic.eu/

Por la presente, Panasonic Automotive Systems Co., Ltd. declara que el tipo de equipo radioeléctrico [*] es conforme con la Directiva 2014/53/UE.

El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: https://www.ptc.panasonic.eu/

Käesolevaga deklareerib Panasonic Automotive Systems Co., Ltd., et käesolev raadioseadme tüüp [*] vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:

https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. vakuuttaa, että radiolaitetyyppi [*] on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: https://www.ptc.panasonic.eu/

Le soussigné, Panasonic Automotive Systems Co., Ltd., déclare que l'équipement radioélectrique du type [*] est conforme à la directive 2014/53/UE.

Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. ovime izjavljuje da je radijska oprema tipa [*] u skladu s Direktivom 2014/53/EU.

Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:

https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. igazolja, hogy a [*] típusú rádióberendezés megfelel a 2014/53/EU irányelynek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: https://www.ptc.panasonic.eu/

Hér með lýsir Panasonic Automotive Systems Co., Ltd. því yfir að gerð útvarpsbúnaðarins [*] sé í samræmi vi ð tilskipun 2014/53 / ESB.

Heildartexti samræmisvfirlýsingar ESB er að finna á eftirfarandi internetið:

https://www.ptc.panasonic.eu/

Il fabbricante, Panasonic Automotive Systems Co., Ltd., dichiara che il tipo di apparecchiatura radio [*] è conforme alla direttiva 2014/53/UE.

Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: https://www.ptc.panasonic.eu/

Aš, Panasonic Automotive Systems Co., Ltd., patvirtinu, kad radijo įrenginių tipas [*] atitinka Direktyvą 2014/53/ES.

Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:

https://www.ptc.panasonic.eu/

Ar šo Panasonic Automotive Systems Co., Ltd. deklarē, ka radioiekārta [*] atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: https://www.ptc.panasonic.eu/

B'dan, Panasonic Automotive Systems Co., Ltd., niddikjara li dan it-tip ta' tagħmir tar-radju [*] huwa konformi mad-Direttiva 2014/53/UE.

It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li gej: https://www.ptc.panasonic.eu/

Herved erklærer Panasonic Automotive Systems Co., Ltd. at radioutstyrstypen [*] er i samsvar med direktiv 2014/53 / FU

Hele teksten til EU-samsvarserklæringen er tilgjengelig på følgende internettadresse:

https://www.ptc.panasonic.eu/

Hierbij verklaar ik, Panasonic Automotive Systems Co., Ltd., dat het type radioapparatuur [*] conform is met Richtlijn 2014/53/EU.

De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. niniejszym oświadcza, że typ urządzenia radiowego [*] jest zgodny z dyrektywa 2014/53/UE.

Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: https://www.ptc.panasonic.eu/

O(a) abaixo assinado(a) Panasonic Automotive Systems Co., Ltd. declara que o presente tipo de equipamento de rádio [*] está em conformidade com a Diretiva 2014/53/UE.

O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: https://www.ptc.panasonic.eu/

Prin prezenta, Panasonic Automotive Systems Co., Ltd. declară că tipul de echipamente radio [*] este în conformitate cu Directiva 2014/53/UE.

Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: https://www.ptc.panasonic.eu/

Ovim, Panasonic Automotive Systems Co., Ltd. deklariše da je [*] u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 2014/53/EU

Pun tekst EU deklaracije o usaglašenosti dostupan je na sledećoj internet adresi:

https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. týmto vyhlasuje, že rádiové zariadenie typu [*] je v súlade so smernicou 2014/53/EÚ.

Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:

https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. potrjuje, da je tip radijske opreme [*] skladen z Direktivo 2014/53/EU.

Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:

https://www.ptc.panasonic.eu/

Härmed försäkrar Panasonic Automotive Systems Co., Ltd. att denna typ av radioutrustning [*] överensstä mmer med direktiv 2014/53/EU.

Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd., [*] türü telsiz ekipmanının 2014/53/EU Direktifine uygun olduğunu beyan etmektedir.

AB uygunluk beyanının tam metnine aşağıdaki internet adresinden ulasılabilir:

https://www.ptc.panasonic.eu/

Со ова, Panasonic Automotive Systems Co., Ltd. изјавува дека типот на радио опрема [*] е во согласност со Директивата 2014/53/EU.

Целосниот текст на декларацијата за усогласеност на EУ е достапен на следната интернет адреса: https://www.ptc.panasonic.eu/

UK

[*] : CL-MMZAE0JT, CL-MMZCE0JT

Manufacturer

·Name: Panasonic Automotive Systems Co., Ltd.

·Address : 4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan

Importer, Address:

Mazda Motors UK Limited

Crossways Business Park, Victory Way, Dartford DA2 6DT, Kent, UK

Model No.[*]

<CL-MMZAE0JT、CL-MMZCE0JT> Specifications of Bluetooth Frequency band: 2402-2480MHz

Maximum radio-frequency power: 19.95mW Max

<CL-MMZAE0JT、CL-MMZCE0JT> Specifications of WLAN Frequency band: 2412-2472MHz

Maximum radio-frequency power: 56.23mW Max

<CL-MMZCE0JT>
Specifications of WLAN

Frequency band: 5745-5825MHz

Maximum radio-frequency power: 22.39mW Max

Hereby, Panasonic Automotive Systems Co., Ltd. declares that the radio equipment type [*] is in compliance with The Radio Equipment Regulations 2017.

The full text of the UK declaration of conformity is available at the following internet address:

https://www.ptc.panasonic.eu/



Moldova

[*]: AM1904, AM1905

Producător

Numele : Panasonic Automotive Systems Co., Ltd.

Adresa : 4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japonia

Importatorii Numele :

Denumirea comercială înregistrată : Mazda Austria Gesellschaft m. b. H. Adresa poștală : Ernst Diez Strasse 3, 9020 Klagenfurt, Österreich

Numarul modelului.[*]

<AM1904, AM1905>

Bluetooth

Banda de frecvență : 2402-2480MHz

Puterea maximă a frecvenței radio : 19.95mW Max

<AM1904, AM1905>

WLAN

Banda de frecvență : 2412-2472MHz

Puterea maximă a frecvenței radio : 56.23mW Max

<AM1904>

WLAN

Banda de frecvență : 5745-5825MHz

Puterea maximă a frecvenței radio : 22.39mW Max

Prin prezenta, Panasonic Automotive Systems Co., Ltd., declară că tipul de echipamente radio [*] este în conformitate cu Reglementarea tehnică "Punerea la dispoziție pe piață aechipamentelor radio". Textul integral al declarației de conformitate este disponibil la următoarea adresă de Internet:

https://service.panasonic.ua

Ukraine

[*] : CL-MMZAE0JT, CL-MMZCE0JT

назву компанії; Panasonic Automotive Systems Co., Ltd.

адресу; 4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan

Імпортери

назву компанії: SC AUTO International

адресу; 22A, Stepana Bandery ave, Kiev, 04655, Ukraine

моделі;[*]

<CL-MMZAE0JT, CL-MMZCE0JT>

смугу радіочастот, в якій працює радіообладнання; 2402-2480МНz

максимальну потужність випромінювання в смузі радіочастот, в якій працює радіообладнання; 19.95mW

<CL-MMZAE0JT、CL-MMZCE0JT>

смугу радіочастот, в якій працює радіообладнання; 2412-2472МНz

максимальну потужність випромінювання в смузі радіочастот, в якій працює радіообладнання; 56.23mW

<CL-MMZCE0JT>

WLAN

смугу радіочастот, в якій працює радіообладнання; 5745-5825МНz

максимальну потужність випромінювання в смузі радіочастот, в якій працює радіообладнання; 22.39mW

справжнім Panasonic Automotive Systems Co., Ltd. заявляє, що тип радіообладнання [*] відповідає Техніч ному регламенту радіообладнання;

повний текст декларації про відповідність доступний на веб-сайті за такою адресою:

https://service.panasonic.ua/

(розділ «Технічне регулювання»)

Mongolia

ID: A19000702 ID: A21000516

Kazakhstan, Armenia, Russia, Belarus [*]: CL-MMZAE0JT



Модель №.[*]

Страна происхождения: Таиланд, Мексика.

производитель

·Название: Panasonic Automotive Systems Co., Ltd.

•Адрес: 4261, Иконобэ-тё, Цузуки-ку, Йокогама-ши, Канагава-кен 224-8520, Япония.

Общество с ограниченной ответственностью "РИКУАР"

Место нахождения: Республика Беларусь, 220035, город Минск, улица Тимирязева дом 65, офис 416 номер телефона: +375 17 270 07 79 frauir@tut.by

Belarus

[*]: AM1905



Нумар мадэлі.[*]

вытворца

·Назва: Panasonic Automotive Systems Co., Ltd.

·Адрас: 4261, Іканабе-тэ, Цузукі-ку, Ёкагама-шы, Канагава-кен 224-8520, Японія.

Общество с ограниченной ответственностью "БЕЛЛИС-ПРО"

ул. Киселева, д. 10, помещение 7H, офис 14, 220029, г. Минск Республика Беларусь

номер телефона: +375 17 243 90 62

bellispro@tut.by

This telecommunication equipment conforms to the standard or technical requirements of NBTC.



เครื่องวิทยุคมนาคมนี้ ได้รับยกเว้น ไม่ต้องได้รับ ใบอนุญาตให้มี ใช้ซึ่งเครื่องวิทยุคมนาคม หรือตั้งสถานีวิทยุคมนาคมตามประกาศ กสทช. เรื่อง เครื่องวิทยุคมนาคม และสถานีวิทยุ คมนาคมที่ได้รับยกเว้นไม่ต้องได้รับใบอนุญาต วิทยุคมนาคม ตามพระราชบัญญัติวิทยุ คมนาคม พ.ศ. 2498



กลักษ์. โกรคมนาคม กำกับดูแลเพื่อประชาชน Call Center 1200 (โกรฟรี)

取得審驗證明之低功率射頻器材,非經核准,公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功 ⁶⁵

低功率射頻器材之使用不得影響飛航安全及干擾合法通信;經發現有干擾現象時,應立即停用,並改善至無干擾時方得繼續 使用。

前述合法通信, 指依電信管理法規定作業之無線電通信。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

This product has been Type Approved by Jamaica: SMA - AM1905

Complies with IMDA Standards DA100926

Oman-TRA D090024 TRA/TA-R/12269/21

REGISTERED No: ER04654/22 DEALER No: DA0052708/10

AGRÉÉ PAR L'ANRT MAROC Numéro d'agrément : MR 30047 ANRT 2021

מספר זיהו יהיבואן: 510947153 חל איסור לבצע פעולות במכשיר שיש בהו כדי לשנות את תכונותיו האלחוטיות של המכשיר. ובכלל זה שינויי תוכנה. החלפת אנטנה מקורית או הוספת אפשרות לחיבור לאנטנה חיצונית, בלא קבלת אישור משרד התקשורת, בשל החשש להפרעות אלחוטיות

Connection and use of this communications equipment is permitted by the Nigerian **Communications Commission**



NCA APPROVED:7E5-BH-1CB-RDR

Garden MPY S.A.

Republica Argentina y Facundo Machain, Asuncion, PARAGUAY

Model No.: AM1905

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party

·Name : Panasonic Corporation of North America : Two Riverfront Plaza, Newark, NJ 07102-5490 · Address ·Support Contact: https://shop.panasonic.com/support

NOTE :

Properly shielded and grounded cables and connectors must be used for connection to host computers and / or peripherals in order to meet FCC emission limits.

WARNING .

RF Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). [But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body.]

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

FCC CAUTION .

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Cyprus, Canary Islands, Austria, Greece, Italy, Switzerland, Belgium, Denmark, Finland, Norway, Portugal, Spain, Sweden, Hungary, Germany, Poland, Bulgaria, Croatia, Slovenia, Luxembourg, Slovakia, Latvia, Lithuania, France, Czech, Estonia, Iceland, Romania, Netherlands, Malta, Ireland, Liechtenstein, Albania, Serbia

French Guiana, Guadeloupe, Virgin Islands, St. Martin, Martinique, Reunion, New Caledonia, Tahiti

[*]: CL-MMZAE0JT, CL-MMZCE0JT, CL-MM6DA8JT, AM1904, AM1905

Manufacturer

·Name: Panasonic Automotive Systems Co., Ltd.

·Address: 4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan

Importer, Address:

Mazda Motor Logistics Europe NV

Blaasveldstraat 162, 2830 Willebroek, België

Mazda Motor Poland sp.zo.o.

ul. Postępu 14B, 02-676 Warsaw, Poland

Mazda Motor Czech, s.r.o.

Türkova 2319/5b, Chodov, 149 00 Prague 4, Czech Republic

Mazda Motor Slovakia, s.r.o.

LINDNER II, Galvaniho 7/B, Bratislava - Ružinov 821 04, Slovak Republic

Mazda Motor Logistics Europe NV Merkezi Belçika Türkiye Istanbul Şubesi

Merdivenköy Mah. Dikyol Sok. Business Istanbul B Blok No:2/72, 34732 Kadıköy- Istanbul, Turkey

Model No.[*]

Model No. CL-MMZAE0JT, CL-MMZCE0JT, CL-MM6DA8JT, AM1904, AM1905

Specifications of Bluetooth

Frequency band: 2402-2480MHz

Maximum radio-frequency power: 19.95mW Max

Specifications of WLAN

Frequency band: 2412-2472MHz

Maximum radio-frequency power: 56.23mW Max

Model No. CL-MMZCE0JT, AM1904 Specifications of WLAN Frequency band : 5745-5825MHz

Maximum radio-frequency power: 22.39mW Max

Hereby, Panasonic Automotive Systems Co., Ltd. declares that the radio equipment type [*] is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

https://www.ptc.panasonic.eu/

Me anë të kësaj, Panasonic Automotive Systems Co., Ltd. deklaron se pajisjet e radios [*] janë në përputhje me Direktivën 2014/53 / BE.

Teksti i plotë i deklaratës së BE-së për konformitetin është në dispozicion në adresën e mëposhtme të internetit:

https://www.ptc.panasonic.eu/

|С настоящото Panasonic Automotive Systems Co., Ltd. декларира, че този тип радиосъоръжение [*] е в с ъответствие с Директива 2014/53/ЕС.

Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: https://www.ptc.panasonic.eu/

Tímto Panasonic Automotive Systems Co., Ltd. prohlašuje, že typ rádiového zařízení [*] je v souladu se smě rnicí 2014/53/EU.

Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:

https://www.ptc.panasonic.eu/

Hermed erklærer Panasonic Automotive Systems Co., Ltd., at radioudstyrstypen [*] er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:

https://www.ptc.panasonic.eu/

Hiermit erklärt Panasonic Automotive Systems Co., Ltd., dass der Funkanlagentyp [*] der Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: https://www.ptc.panasonic.eu/

Με την παρούσα ο/η Panasonic Automotive Systems Co., Ltd., δηλώνει ότι ο ραδιοεξοπλισμός [*] πληροί την οδηγία 2014/53/ΕΕ.

Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: https://www.ptc.panasonic.eu/

Por la presente, Panasonic Automotive Systems Co., Ltd. declara que el tipo de equipo radioeléctrico [*] es conforme con la Directiva 2014/53/UE.

El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: https://www.ptc.panasonic.eu/

Käesolevaga deklareerib Panasonic Automotive Systems Co., Ltd., et käesolev raadioseadme tüüp [*] vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. vakuuttaa, että radiolaitetyyppi [*] on direktiivin 2014/53/EU

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: https://www.ptc.panasonic.eu/

Le soussigné, Panasonic Automotive Systems Co., Ltd., déclare que l'équipement radioélectrique du type [*] est conforme à la directive 2014/53/UE.

Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. ovime izjavljuje da je radijska oprema tipa [*] u skladu s Direktivom 2014/53/EU.

Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. igazolja, hogy a [*] típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: https://www.ptc.panasonic.eu/

Hér með lýsir Panasonic Automotive Systems Co., Ltd. því yfir að gerð útvarpsbúnaðarins [*] sé í samræmi vi ð tilskipun 2014/53 / ESB.

Heildartexti samræmisyfirlýsingar ESB er að finna á eftirfarandi internetið:

https://www.ptc.panasonic.eu/

Il fabbricante, Panasonic Automotive Systems Co., Ltd., dichiara che il tipo di apparecchiatura radio [*] è conforme alla direttiva 2014/53/UE.

Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: https://www.ptc.panasonic.eu/

Aš, Panasonic Automotive Systems Co., Ltd., patvirtinu, kad radijo įrenginių tipas [*] atitinka Direktyvą 2014/53/ES.

Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:

https://www.ptc.panasonic.eu/

Ar šo Panasonic Automotive Systems Co., Ltd. deklarē, ka radioiekārta [*] atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: https://www.ptc.panasonic.eu/

B'dan, Panasonic Automotive Systems Co., Ltd., niddikjara li dan it-tip ta' tagħmir tar-radju [*] huwa konformi mad-Direttiva 2014/53/UE.

It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ģej; https://www.ptc.panasonic.eu/

Herved erklærer Panasonic Automotive Systems Co., Ltd. at radioutstyrstypen [*] er i samsvar med direktiv 2014/53 / EU.

Hele teksten til EU-samsvarserklæringen er tilgjengelig på følgende internettadresse: https://www.ptc.panasonic.eu/

Hierbij verklaar ik, Panasonic Automotive Systems Co., Ltd., dat het type radioapparatuur [*] conform is met Richtlijn 2014/53/EU.

De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. niniejszym oświadcza, że typ urządzenia radiowego [*] jest zgodny z dyrektywą 2014/53/UE.

Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:

https://www.ptc.panasonic.eu/

O(a) abaixo assinado(a) Panasonic Automotive Systems Co., Ltd. declara que o presente tipo de equipamento de rádio [*] está em conformidade com a Diretiva 2014/53/UE.

O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: https://www.ptc.panasonic.eu/

Prin prezenta, Panasonic Automotive Systems Co., Ltd. declară că tipul de echipamente radio [*] este în conformitate cu Directiva 2014/53/UE.

Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: https://www.ptc.panasonic.eu/

Ovim, Panasonic Automotive Systems Co., Ltd. deklariše da je [*] u skladu sa osnovnim zahtevima i ostalim relevantnim odredbama Direktive 2014/53/EU

Pun tekst EU deklaracije o usaglašenosti dostupan je na sledećoj internet adresi:

https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. týmto vyhlasuje, že rádiové zariadenie typu [*] je v súlade so smernicou 2014/53/EÚ.

Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:

https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd. potrjuje, da je tip radijske opreme [*] skladen z Direktivo 2014/53/EU.

Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:

https://www.ptc.panasonic.eu/

Härmed försäkrar Panasonic Automotive Systems Co., Ltd. att denna typ av radioutrustning [*] överensstä mmer med direktiv 2014/53/EU.

Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:

https://www.ptc.panasonic.eu/

Panasonic Automotive Systems Co., Ltd., [*] türü telsiz ekipmanının 2014/53/EU Direktifine uygun olduğunu beyan etmektedir.

AB uygunluk beyanının tam metnine aşağıdaki internet adresinden

ulaşılabilir:

https://www.ptc.panasonic.eu/

Co ова, Panasonic Automotive Systems Co., Ltd. изјавува дека типот на радио опрема [*] е во согласност со Директивата 2014/53/EU.

Целосниот текст на декларацијата за усогласеност на ЕУ е достапен на следната интернет адреса:

https://www.ptc.panasonic.eu/

UK

[*] : CL-MMZAE0JT, CL-MMZCE0JT

Manufacturer

·Name: Panasonic Automotive Systems Co., Ltd.

·Address: 4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan

Importer, Address:

Mazda Motors UK Limited

Crossways Business Park, Victory Way, Dartford DA2 6DT, Kent, UK

Model No.[*]

<CL-MMZAE0JT, CL-MMZCE0JT> Specifications of Bluetooth Frequency band: 2402-2480MHz

Maximum radio-frequency power: 19.95mW Max

<CL-MMZAE0JT、CL-MMZCE0JT>

Specifications of WLAN

Frequency band: 2412-2472MHz

Maximum radio-frequency power: 56.23mW Max

<CL-MMZCE0JT>

Specifications of WLAN

Frequency band: 5745-5825MHz

Maximum radio-frequency power: 22.39mW Max

Hereby, Panasonic Automotive Systems Co., Ltd. declares that the radio equipment type[*] is in compliance with The Radio Equipment Regulations 2017.

The full text of the UK declaration of conformity is available at the following internet address:

https://www.ptc.panasonic.eu/



Moldova

[*]: AM1904, AM1905

Producător

Numele: Panasonic Automotive Systems Co., Ltd.

Adresa: 4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japonia

Importatorii Numele :

Denumirea comercială înregistrată : Mazda Austria Gesellschaft m. b. H. Adresa poștală : Ernst Diez Strasse 3, 9020 Klagenfurt, Österreich

Numarul modelului.[*]

<AM1904, AM1905>

Bluetooth

Banda de frecvență : 2402-2480MHz

Puterea maximă a frecvenței radio : 19.95mW Max

<AM1904, AM1905>

WLAN

Banda de frecvență : 2412-2472MHz

Puterea maximă a frecvenței radio : 56.23mW Max

<AM1904>

WLAN

Banda de frecvență : 5745-5825MHz

Puterea maximă a frecvenței radio : 22.39mW Max

Prin prezenta, Panasonic Automotive Systems Co., Ltd. declară că tipul de echipamente radio [*] este în conformitate cu Reglementarea tehnică "Punerea la dispoziție pe piață aechipamentelor radio". Textul integral al declarației de conformitate este disponibil la următoarea adresă de Internet:

https://service.panasonic.ua

Ukraine

[*]: CL-MMZAE0JT, CL-MMZCE0JT

Виробники

назву компанії; Panasonic Automotive Systems Co., Ltd.

адресу; 4261, Ikonobe-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken 224-8520, Japan

Імпортери

назву компанії; SC AUTO International

адресу: 22A, Stepana Bandery ave, Kiev, 04655, Ukraine

моделі;[*]

<CL-MMZAE0JT、CL-MMZCE0JT>

Bluetooth

смугу радіочастот, в якій працює радіообладнання; 2402-2480МНх

максимальну потужність випромінювання в смузі радіочастот, в якій працює радіообладнання; 19.95mW

<CL-MMZAE0JT、CL-MMZCE0JT>

WIAN

смугу радіочастот, в якій працює радіообладнання; 2412-2472МНz

максимальну потужність випромінювання в смузі радіочастот, в якій працює радіообладнання; 56.23mW

<CL-MMZCE0JT>

WLAN

смугу радіочастот, в якій працює радіообладнання; 5745-5825МНг

максимальну потужність випромінювання в смузі радіочастот, в якій працює радіообладнання; 22.39mW Мах

справжнім Panasonic Automotive Systems Co., Ltd. заявляє, що тип радіообладнання [*] відповідає Техніч ному регламенту радіообладнання;

повний текст декларації про відповідність доступний на веб-сайті за такою адресою:

https://service.panasonic.ua/

(розділ «Технічне регулювання»)

Georgia

[*]: CL-MMZAE0JT, CL-MMZCE0JT

მწარმოებელი

• დასახელება : შპს Panasonic Automotive Systems Co.

∙მისამართი : 4261, იკონობე-ჩო, ცუზუკი-კუ, იოკოჰამა-ში, კანაგავა-კენ 224-8520, იაპონია

იმპორტიორი, მისამართი :

შპს "თეგეტა პრემიუმ ვიიქელს".

დავით აღმაშენებლის ხეივანი, მე-12 კმ, თბილისი

მოდელის No.[*]

<CL-MMZAE0JT、CL-MMZCE0JT>

Bluetooth-ის სპეციფიკაციები

სიხშირეთა დიაპაზონი: 2402-2480MHz

რადიოსიხშირის მაქსიმალური სიმძლავრე: 19.95mW Max

<CL-MMZAE0JT, CL-MMZCE0JT>

WLAN-ის სპეციფიკაციები

სიხშირეთა დიაპაზონი : 2412-2472MHz

რადიოსიხშირის მაქსიმალური სიმძლავრე: 56.23mW Max

<CL-MMZCE0JT>

WLAN-ის სპეციფიკაციები

სიხშირეთა დიაპაზონი : 5745-5825MHz

რადიოსიხშირის მაქსიმალური სიმძლავრე: 22.39mW Max

შესაბამისად, შპს Panasonic Automotive Systems Co.,აცხადებს, რომ რადიო მოწყობილობა [*] შესაბამისობაშია რადიო მოწყობილობების N. 161 ტექნიკურ რეგულაციასთან.

შესაბამისობის დეკლარაციის სრული ტექსტი ხელმისაწვდომია შემდეგ ინტერნეტ მისამართზე: https://service.panasonic.ua/

Mongolia

ID: A19000702

a D: A2100051

Kazakhstan, Armenia, Russia, Belarus [*]: CL-MMZAE0JT



Модель №.[*]

Страна происхождения: Таиланд, Мексика.

производитель

·Название: Panasonic Automotive Systems Co., Ltd.

-Адрес: 4261, Иконобэ-тё, Цузуки-ку, Йокогама-ши, Канагава-кен 224-8520, Япония.

Общество с ограниченной ответственностью "РИКУАР"

Место нахождения: Республика Беларусь, 220035, город Минск, улица Тимирязева дом 65, офис 416

номер телефона: +375 17 270 07 79

riquir@tut.by

Name of Equipment : 「AV Control Unit for In-Vehicle Infotainment」

Belarus

[*]: AM1905



Нумар мадэлі.[*]

вытворца

·Назва: Panasonic Automotive Systems Co., Ltd.

-Адрас: 4261, Іканабе-тэ, Цузукі-ку, Ёкагама-шы, Канагава-кен 224-8520, Японія.

Общество с ограниченной ответственностью "БЕЛЛИС-ПРО"

ул. Киселева, д. 10, помещение 7H, офис 14, 220029, г. Минск Республика Беларусь

номер телефона: +375 17 243 90 62

bellispro@tut.by

This telecommunication equipment conforms to the standard or technical requirements of NBTC.



เครื่องวิทยุคมนาคมนี้ ได้รับยกเว้น ไม่ต้องได้รับ ใบอนุญาตให้มี ใช้ซึ่งเครื่องวิทยุคมนาคม หรือตั้งสถานีวิทยุคมนาคมตามประกาศ กสทช. เรื่อง เครื่องวิทยุคมนาคม และสถานีวิทยุ คมนาคมที่ได้รับยกเว้นไม่ต้องได้รับใบอนุญาต วิทยุคมนาคม ตามพระราชบัญญัติวิทยุ คมนาคม พ.ศ. 2498



กลักษ์. โกรคมนาคม กำกับดูแลเพื่อประชาชน Call Center 1200 (โกรฟรี)

取得審驗證明之低功率射頻器材,非經核准,公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功

低功率射頻器材之使用不得影響飛航安全及干擾合法通信;經發現有干擾現象時,應立即停用,並改善至無干擾時方得繼續 使用。

前述合法通信,指依電信管理法規定作業之無線電通信。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

This product has been Type Approved by Jamaica: SMA - AM1905

Complies with IMDA Standards DA100926

Oman-TRA D090024 TRA/TA-R/12269/21



ER04654/22 United Arab Emirates



AGRÉÉ PAR L'ANRT MAROC Numéro d'agrément : MR 30047 ANRT 2021 מספר זיהו יהיבואן : 510947153 חל איסור לבצע פעולות במכשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר, ובבלל זה שינויי תוכנה, החלפת אנטנה מקורית או הוספת אפשרות לחיבור לאנטנה חיצונית. בלא סבלת אישור משרד התכשורות. בשל החשש להפרעות אלחוטיות

Connection and use of this communications equipment is permitted by the Nigerian Communications Commission



Garden MPY S.A.

Republica Argentina y Facundo Machain, Asuncion, PARAGUAY

Model No.: AM1905

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party

•Name : Panasonic Corporation of North America

·Address : Two Riverfront Plaza, Newark, NJ 07102-5490

·Support Contact: https://shop.panasonic.com/support

NOTE

Properly shielded and grounded cables and connectors must be used for connection to host computers and / or peripherals in order to meet FCC emission limits.

▲ WARNING

RF Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). [But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body.]

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

FCC CAUTION:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

▼ Data Communication System

Information of the radio device: Type TN0014B

1. Name and postal address of the manufacturer

Name: DENSO TEN Limited

Address: 2-28, Gosho-dori 1-chome, Hyogo-ku, Kobe,

652-8510 Japan

2. Simplified EU declaration of conformity

С настоящото DENSO TEN Limited декларира, че този тип радиосъоръжение TN0014B е в съответствие с Директива 2014/53/EC.

Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:

Функция	Работна честотна лента	Максимална радиочестотна мощност
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Ovim putem, DENSO TEN Limited izjavljuje da je vrsta radio opreme TN0014B u saglasnosti s Direktivom 2014/53/EU.

Cijeli tekst EČ deklaracije o usaglašenosti je dostupan na sljedećoj internetskoj adresi:

https://www.denso-ten.com/support/regulation/eu_doc/

Funkcija	Radni frekvencijski pojas	Maksimalna rediofrekvencijska snaga
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Tímto DENSO TEN Limited prohlašuje, že typ rádiového zařízení TN0014B je v souladu se směrnicí 2014/53/EU.

Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:

Funkce	Provozní frekvenční pásmu	Maximální radiofrekvenční výkon
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Hermed erklærer DENSO TEN Limited, at radioudstyrstypen TN0014B er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:

https://www.denso-ten.com/support/regulation/eu_doc/

Funktion	Driftsfrekvensbandet	Maksimal radio-frekvens effekt
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Hiermit erklärt DENSO TEN Limited, dass der Funkanlagentyp TN0014B der Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:

Funktion	Betriebsfrequenzband	Maximale Hochfrequenzleistung
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Με την παρούσα ο/η DENSO TEN Limited, δηλώνει ότι ο ραδιοεξοπλισμός ΤΝ0014Β πληροί την οδηγία 2014/53/ΕΕ.

Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:

https://www.denso-ten.com/support/regulation/eu_doc/

Λειτουργία	Ζώνη συχνοτήτων λειτουργίας	Μέγιστη ισχύς ραδιοσυχνότητας
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Hereby, DENSO TEN Limited declares that the radio equipment type TN0014B is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

Function	Operating frequency band	Maximum radio-frequency power
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Por la presente, DENSO TEN Limited declara que el tipo de equipo radioeléctrico TN0014B es conforme con la Directiva 2014/53/UE.
El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:

https://www.denso-ten.com/support/regulation/eu_doc/

Función	Banda de frecuencia operativa	Potencia máxima de la radiofrecuencia
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Käesolevaga deklareerib DENSO TEN Limited, et käesolev raadioseadme tüüp TN0014B vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:

Funktsioon	Töösageduse laineala	Maksimaalne raadiosageduslik võimsus
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

DENSO TEN Limited vakuuttaa, että radiolaitetyyppi TN0014B on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:

https://www.denso-ten.com/support/regulation/eu_doc/

Toiminto	Toimintataajuuskaista	Maksimi radiotaajuusteho
GSM	880 - 915 MHz	32 dBm e.i.r.p.
GSIVI	1710 - 1785 MHz	30 dBm e.i.r.p.
UMTS	880 - 915 MHz	24 dBm e.i.r.p.
OWITO	1920 - 1980 MHz	24 dBiii e.i.i.p.
	832 - 862 MHz	
	880 - 915 MHz	
LTE	1710 - 1785 MHz	24 dBm e.i.r.p.
	1920 - 1980 MHz	
	2500 - 2570 MHz	

Le soussigné, DENSO TEN Limited, déclare que l'équipement radioélectrique du type TN0014B est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:

ıı.		. ''	
	Fonction	Bande de fréquence de fonctionnement	Puissance maximale de la radiofréquence
	GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
	UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
	LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Leis seo, dearbhaíonn DENSO TEN Limited go gcomhlíonann an cineál trealaimh raidió TN0014B Treoir 2014/53/EU.

Tá an téacs iomlán den dearbhú comhréireachta AE ar fáil ag an seoladh Idirlín seo a leanas:

https://www.denso-ten.com/support/regulation/eu_doc/

Feidhm	Banda minicíochta oibriúcháin	Uaschumhacht radaimhinicíochta
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

DENSO TEN Limited ovime izjavljuje da je radijska oprema tipa TN0014B u skladu s Direktivom 2014/53/EU.

Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:

Funkcija	Radni frekvencijski pojas	Maksimalna rediofrekvencijska snaga
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

DENSO TEN Limited igazolja, hogy a TN0014B típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:

https://www.denso-ten.com/support/regulation/eu_doc/

Fı	unkció	Üzemi frekvencia-tartomány	Maximális rádiófrekvenciás teljesítmény
	GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
L	JMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
	LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Hér með, lýsir DENSO TEN Limited því yfir að gerð útvarpsbúnaðarins TN0014B samræmist tilskipun 2014/53/EU.

Allur texti ESB-samræmisyfirlýsingarinnar er aðgengilegur á eftirfarandi ∨effangi:

H.	<u></u>		
	Aðgerð	Notkunartíðni hljómsveit	Hámarks útvarp-tíðni vald
	GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
	UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
	LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

II fabbricante, DENSO TEN Limited, dichiara che il tipo di apparecchiatura radio TN0014B è conforme alla direttiva 2014/53/UE.

Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:

https://www.denso-ten.com/support/regulation/eu_doc/

Funzione	Frequenza operativa	Massima potenza a radiofrequenza
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Aš, DENSO TEN Limited, patvirtinu, kad radijo įrenginių tipas TN0014B atitinka Direktyvą 2014/53/ES.

Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:

Funkcija	Veikimo dažnių juosta	Maksimalus radijo dažnių galingumas
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Ar šo DENSO TEN Limited deklarē, ka radioiekārta TN0014B atbilst Direktīvai 2014/53/ES.

Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:

https://www.denso-ten.com/support/regulation/eu_doc/

Funkcija	Darba frekvences josla	Maksimālā radiofrekvences jauda
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Co ова, DENSO TEN Limited изјавува дека радио опремата од типот TN0014B е во согласност со Директивата 2014/53/EU.

Целиот текст на ЕУ изјавата за сообразност е достапен на следната интернет адреса:

Функција	Работен фреквенциски опсег	Максимална радио- фреквенциска моќ
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Ovim, DENSO TEN Limited izjavljuje da je tip radio opreme TN0014B u skladu sa Direktivom 2014/53/EU.

Cjelokupan tekst EU deklaracije o usklađenosti dostupan je na sljedećoj internet adresi:

https://www.denso-ten.com/support/regulation/eu_doc/

Funkcija	Operativni frekvencijski	Maksimalna jačina radio
Fullkelja	opseg	frekvencije
GSM	880 - 915 MHz	32 dBm e.i.r.p.
GOIVI	1710 - 1785 MHz	30 dBm e.i.r.p.
UMTS	880 - 915 MHz	24 dBm e.i.r.p.
OWITS	1920 - 1980 MHz	24 dBiii e.i.i.p.
	832 - 862 MHz	
	880 - 915 MHz	
LTE	1710 - 1785 MHz	24 dBm e.i.r.p.
	1920 - 1980 MHz	
	2500 - 2570 MHz	

B'dan, DENSO TEN Limited, niddikjara li dan it-tip ta' tagħmir tar-radju TN0014B huwa konformi mad-Direttiva 2014/53/UE.

lt-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan lindirizz tal-Internet li gej:

Funzjoni	Band tal-frekwenza operatti∨a	l-enerģija massima bi frekwenza tar-radju
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Hierbij verklaar ik, DENSO TEN Limited, dat het type radioapparatuur TN0014B conform is met Richtlijn 2014/53/EU.

De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:

https://www.denso-ten.com/support/regulation/eu_doc/

Functie	Actieve frequentieband	Maximale radiofrequentie
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

DENSO TEN Limited erklærer herved at radioutstyrstypen TN0014B er i samsvar med direktiv 2014/53/EU.

Den fullstendige teksten i EU-erklæringen er tilgjengelig på følgende internettadresse:

Funksjon	Driftsfrekvensbånd	Maksimal radiofrekvent strøm
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

DENSO TEN Limited niniejszym oświadcza, że typ urządzenia radiowego TN0014B jest zgodny z dyrektywą 2014/53/UE.

Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:

https://www.denso-ten.com/support/regulation/eu_doc/

Funkcja	Pasmo częstotliwości pracy	Maksymalna moc częstotliwości radiowej
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

O(a) abaixo assinado(a) DENSO TEN Limited declara que o presente tipo de equipamento de rádio TN0014B está em conformidade com a Diretiva 2014/53/UE.

O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:

Função	Faixa de freqüência operacional	Potência máxima de radiofreqüência
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Prin prezenta, DENSO TEN Limited declară că tipul de echipamente radio TN0014B este în conformitate cu Directiva 2014/53/UE.

Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:

https://www.denso-ten.com/support/regulation/eu_doc/

Funcție	Bandă de frecvență activă	Puterea maximă a radio- frecvenței
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

DENSO TEN Limited týmto vyhlasuje, že rádiové zariadenie typu TN0014B je v súlade so smernicou 2014/53/EÚ.

Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:

Funkcia	Prevádzkové frekvenčné	Maximálny rádiofrekvenčný
Tankola	pásmo pásmo	∨ýkon
GSM		32 dBm e.i.r.p.
CON	1710 - 1785 MHz	30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

DENSO TEN Limited potrjuje, da je tip radijske opreme TN0014B skladen z Direktivo 2014/53/EU.

Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:

https://www.denso-ten.com/support/regulation/eu_doc/

Funkcija	Delovni frekvenčni pas	Maksimalna radiofrekvenčna moč
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Nëpërmjet kësaj, DENSO TEN Limited deklaron se lloji i aparatit të radios TN0014B është në përputhje me Direktivën 2014/53/EU.

Teksti i plotë i deklaratës së BE-së mbi përputhshmërinë është i disponueshëm në adresën e mëposhtme të internetit:

Funksion	Banda e frekuencës së punës	Fuqia maksimale e frekuencave radio
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Ovim, DENSO TEN Limited izjavljuje da je ovaj tip radijske opreme TN0014B u skladu sa odredbama Direktive 2014/53/EU.

Kompletan tekst EU deklaracije o konformitetu je dostupan na sledećoj internet adresi:

https://www.denso-ten.com/support/regulation/eu_doc/

Funkcija	Radni frekvencijski pojas	Maksimalna rediofrekvencijska snaga
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Härmed försäkrar DENSO TEN Limited att denna typ av radioutrustning TN0014B överensstämmer med direktiv 2014/53/EU.

Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:

Funktion	Operationsfrekvensbandet	Maximal radiofrekvenseffekt
GSM	880 - 915 MHz	32 dBm e.i.r.p.
00111	1710 - 1785 MHz	30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

DENSO TEN Limited, TN0014B türü telsiz ekipmanının 2014/53/EU Direktifine uygun olduğunu beyan etmektedir.

AB uygunluk beyanının tam metnine aşağıdaki internet adresinden ulaşılabilir:

İşlev	Çalışma frekans bandı	Maksimum radyo-frekans gücü
GSM	880 - 915 MHz 1710 - 1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880 - 915 MHz 1920 - 1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

Information of the radio device: Type TN0014B

1. Name and postal address of the manufacturer

Name: DENSO TEN Limited

Address: 2-28, Gosho-dori 1-chome, Hyogo-ku, Kobe,

652-8510 Japan

2. Simplified UK declaration of conformity

Hereby, DENSO TEN Limited declares that the radio equipment type TN0014B is in compliance with Regulations 2017.

The full text of the UK declaration of conformity is available at the following internet address:

https://www.denso-ten.com/support/regulation/uk_doc/

Function	Operating frequency band	Maximum radio-frequency power
GSM	880~915 MHz 1710~1785 MHz	32 dBm e.i.r.p. 30 dBm e.i.r.p.
UMTS	880~915 MHz 1920~1980 MHz	24 dBm e.i.r.p.
LTE	832 - 862 MHz 880 - 915 MHz 1710 - 1785 MHz 1920 - 1980 MHz 2500 - 2570 MHz	24 dBm e.i.r.p.

UK

Importer Information

Name: Mazda Motors UK Limited

Address:Crossways Business Park, Victory Way, Dartford, Kent, DA2 6DT, UK

▼ Distance Recognition Support System (DRSS)/Mazda Radar Cruise Control (MRCC)/Smart Brake Support (SBS)

OECE

Transmitter: Model: DNMWR006

Model: DNMWR015

Operation frequency: 76.5 GHz

Maximum output power: 6.31 W or less

Manufacturer: DENSO CORPORATION

Address: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661

Japan

Hereby, DENSO CORPORATION declares that the radio equipment type is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

https://www.denso.com/global/en/contact-us/doc/

DENSO CORPORATION vakuuttaa, että radiolaitetyyppi on direktiivin 2014/53/EU mukainen.

EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: https://www.denso.com/global/en/contact-us/doc/

Hierbij verklaar ik, DENSO CORPORATION, dat het type radioapparatuur conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden

geraadpleegd op het volgende internetadres: https://www.denso.com/global/en/contact-us/doc/

Le soussigné, DENSO CORPORATION, déclare que l'équipement radioélectrique du type est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:

https://www.denso.com/global/en/contact-us/doc/

Härmed försäkrar DENSO CORPORATION att denna typ av radioutrustning överensstämmer med direktiv 2014/53/EU.

Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:

https://www.denso.com/global/en/contact-us/doc/

Hermed erklærer DENSO CORPORATION, at radioudstyrstypen er i overensstemmelse med direktiv 2014/53/EU.

EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:

Hiermit erklärt DENSO CORPORATION, dass der Funkanlagentyp der Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:

https://www.denso.com/global/en/contact-us/doc/

Με την παρούσα ο/η DENSO CORPORATION, δηλώνει ότι ο ραδιοεξοπλισμός πληροί την οδηγία 2014/53/ΕΕ.

Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:

https://www.denso.com/global/en/contact-us/doc/

Il fabbricante, DENSO CORPORATION, dichiara che il tipo di apparecchiatura radio è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al sequente indirizzo Internet:

https://www.denso.com/global/en/contact-us/doc/

Por la presente, DENSO CORPORATION declara que el tipo de equipo radioeléctrico es conforme con la Directiva 2014/53/UE.

El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:

https://www.denso.com/global/en/contact-us/doc/

O(a) abaixo assinado(a) DENSO CORPORATION declara que o presente tipo de equipamento de rádio está em conformidade com a Diretiva 2014/53/UE.

O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:

https://www.denso.com/global/en/contact-us/doc/

B'dan, DENSO CORPORATION, niddikjara li dan it-tip ta' tagħmir tar-radju huwa konformi mad-Direttiva 2014/53/UE.

It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan I-indirizz tal-Internet li ġej:

https://www.denso.com/global/en/contact-us/doc/

Käesolevaga deklareerib DENSO CORPORATION, et käesolev raadioseadme tüüp vastab direktiivi 2014/53/EL nõuetele.

ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:

https://www.denso.com/global/en/contact-us/doc/

DENSO CORPORATION igazolja, hogy a típusú rádióberendezés megfelel a 2014/53/EU irányelvnek.

Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:

DENSO CORPORATION týmto vyhlasuje, že rádiové zariadenie typu je v súlade so smernicou 2014/53/EÚ.

Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:

https://www.denso.com/global/en/contact-us/doc/

Tímto DENSO CORPORATION prohlašuje, že typ rádiového zařízení je v souladu se směrnicí 2014/53/EU.

Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:

https://www.denso.com/global/en/contact-us/doc/

DENSO CORPORATION potrjuje, da je tip radijske opreme skladen z Direktivo 2014/53/EU.

Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:

https://www.denso.com/global/en/contact-us/doc/

Aš, DENSO CORPORATION, patvirtinu, kad radijo įrenginių tipas atitinka Direktyvą 2014/53/ES.

Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:

https://www.denso.com/global/en/contact-us/doc/

Ar šo DENSO CORPORATION deklarē, ka radioiekārta atbilst Direktīvai 2014/53/ES.

Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:

https://www.denso.com/global/en/contact-us/doc/

DENSO CORPORATION niniejszym oświadcza, że typ urządzenia radiowego jest zgodny z dyrektywą 2014/53/UE.

Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:

https://www.denso.com/global/en/contact-us/doc/

Hér með lýsir DENSO CORPORATION yfir því að er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU. Samræmisyfirlýsing er einnig aðgengileg á eftirfarandi vefslóð: https://www.denso.com/global/en/contact-us/doc/

DENSO CORPORATION erklærer at er i overensstemmelse med direktiv 2014/53/EU.

Samsvarserklæringen i fulltekst er tilgjengelig på følgende internettadresse:

С настоящото DENSO CORPORATION декларира, че този тип радиосъоръжение е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: https://www.denso.com/global/en/contact-us/doc/

Prin prezenta, DENSO CORPORATION declară că tipul de echipamente radio este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:

https://www.denso.com/global/en/contact-us/doc/

DENSO CORPORATION ovime izjavljuje da je radijska oprema tipa u skladu s Direktivom 2014/53/EU.

Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:

https://www.denso.com/global/en/contact-us/doc/

Овиме, DENSO CORPORATION изјављује да је радио опрема тип усаглашена са Директивом 2014/53/EU.

Цео текст ЕУ декларације о усаглашености доступам је на следећој интернет адреси:

https://www.denso.com/global/en/contact-us/doc/

Amb aquest document, DENSO CORPORATION declara que el tipus d'equipament radioelèctric es conforme a la Directiva 2014/53/UE. El text complet de la declaració UE de conformitat està disponible en la següent adreça d'Internet:

https://www.denso.com/global/en/contact-us/doc/

İşbu belge; DENSO CORPORATION telsiz ekipmanı tipinin 2014/53/AB sayılı Direktif'e uygun olduğunu beyan eder. AB uygunluk beyanının tam metni aşağıdaki internet adresinde meycuttur:

https://www.denso.com/global/en/contact-us/doc/

Prin prezenta, DENSO CORPORATION declară că tipul de echipamente radio este în conformitate cu Reglementarea tehnică "Punerea la dispoziție pe piață a echipamentelor radio".

Textul integral al declarației de conformitate este disponibil la următoarea adresă de Internet:

https://www.denso.com/global/en/contact-us/doc/

This equipment complies with European radio regulation.

Doesn't comply with the radio regulation of other countries.

Me anë të kësaj deklaratë, subjekti DENSO CORPORATION deklaron se pajisjet radio është në përputhje me këtë rregull teknik për pajisjet radio dhe fundore të komunikimeve elektronike. Teksti i plotë i Deklaratës së Konformitetit është i disponueshëm në adresën e mëposhtme të internetit:

Ouk



Hereby, DENSO CORPORATION declares that the radio equipment type is in compliance with the relevant statutory requirements.

The full text of the UK declaration of conformity is available at the following internet address:

https://www.denso.com/global/en/contact-us/doc/

○Taiwan

取得審驗證明之低功率射頻器材,非經核准,公司、商號或使用者均 不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信;經發現有 干擾現象時,應立即停用,並改善至無干擾時方得繼續使用。 前述合法通信,指依電信管理法規定作業之無線電通信。 低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電 檢設備之干擾。

OUAE

NOTICE

This equipment has been registered with the Telecommunications Regulatory Authority for use in the UAE.
TRA REGISTERED No: ER0085986/12
DEALER No: 0019826/09
DENSO DNMWR006

UAE: ER16889/23 DENSO DNMWR015

○Singapore

○Malaysia

Complies with IMDA Standards DB106440

DENSO DNMR13

Complies with IMDA Standards DA100926

DENSO DNMR14



OUkraine



UA RF: 3DENSFR06 3DENSFR15

модель: DNMWR006, DNMWR015 смуга радіочастот: 76-77 ГГц

максимальна вихідна потужність: 6.31Вт або менше

виробник: DENSO CORPORATION

адреса: 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661 Japan

справжнім DENSO CORPORATION заявляє, що тип радіообладнання відповідає Технічному регламенту

радіообладнання;

повний текст декларації про відповідність доступний на веб-сайті

за такою адресою:

https://www.denso.com/global/en/contact-us/doc/

OThailand

เพื่อหลีกเลี่ยงจากการสัมผัสสนามแม่เหล็กใฟฟ้า ควรอยู่ห่างจาก เช็นเซอร์ตรวจจับในระยะไม่ต่ำกว่า 20 เซนติเมตร

เครื่องโทรคมนาคมและอุปกรณ์นี้มีความสอดคล้องตามข้อกำหนดของ คณะกรรมการ กิจการกระจายเสียง กิจการโทรทัศน์ และกิจการ โทรคมนาคมแห่งชาติ(กสทช.)

เครื่องวิทยุคมนาคมนี้มีระดับการแผ่คลื่นแม่เหล็กไฟฟ้าสอดคล้องตาม มาตรฐาน ความปลอดลับต่อสุขภาพของมนุษย์จากการใช่เครื่องวิทยุ คุมนาคมที่ คณะกรรมการ กิจการกระจายเสียง กิจการโทรทัศน์ และ กิจการโทรคมนาคมแห่งชาติ(กลพช.) กำหนด

O Vietnam





^{*}มีเฉพาะบางร่น

Olsrael

IL:VAT ID 40911612

חל איסור לבצע פעולות במכשיר שיש בהן כדי לשנות את תכונותיו האלחוטיות של המכשיר, ובכלל זה שינויי תוכנה, החלפת אנטנה מקורית או הוספת אפשרות לחיבור לאנטנה חיצונית, בלא קבלת אישור משרד התקשורת, בשל החשש להפרעות אלחוטיות.

מוצר: מכ"מ התראה

DENSO: סימן רשום

שם היבואן: דלק מוטורס בע"מ

כתובת היבואן:
ת.ד. 200, מושב ניר צבי 7290500, ישראל

ארץ ייצור: ראה מוצר

Txa: DNMWR015 , DNMWR015

Declaration of Conformity

▼ Mazda ERA-GLONASS

Нотификация ФСБ № RU0000038283 от 10.07.2018, действительна до 05.07.2023, зарегистрирована ФСБ РФ.

Декларация о соответствии средства связи № Д-МДРТ-11635 от 06.09.2018, действительна до 31.09.2023, зарегистрирована Федеральным агентством связи РФ.

Декларация о соответствии техническому регламенту Таможенного союза 020/2011 № EAЭC N RU Д¬Р МЛ26.В.00626 от 30.08.2018, действительна по 29.08.2023, заренистрирована органом по сертификации продукции АНО «СЦ Связь-сертификат» (аттестат аккредитации RA.RU.11МЛ26, дата переметации и 10.2.2015).

Декларация о соответствии аккумуляторной батареи FT0098A № РОСС RU Д-JP AД37.В.01289/18 от 24.10.2018, действительна до 23.10.2023, зарегистрирована органом по сертификации продукции «Красно Дар» ООО «ИД Контроль» (аттестат аккредитации RA RU.11AД37, дата регистрации 03.11.2016).

Declaration of Conformity

▼ Wireless Charger (Qi)

The simplified EU declaration of conformity referred to in Article 10(9) shall be provided as follows: Hereby, [Huizhou Desay SV Automotive Co., Ltd.] declares that the radio equipment type [designation of type of radio equipment] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://www.desaysv.com/index.php?id=oumeng

Max power transmitter(Wireless Charging): 15W Operating Frequency: 127.7KHz, 125.95KHz

NFC Operating Frequency:13.56Mhz

Maximum RF Output Power(NFC): 6.48 dBuA/m at 3m distance

Importer, Address: İthalatçı, Adres: Importuesi, Adresa:

Mazda Motor Logistics Europe NV Blaasveldstraat 162, 2830 Willebroek, België

Mazda Motor Poland sp.zo.o. ul. Postępu 14B, 02-676 Warsaw, Poland

Mazda Motor Czech, s.r.o. Türkova 2319/5b, Chodov, 149 00 Prague 4, Czech Republic

Mazda Motor Slovakia, s.r.o.

LINDNER II, Galvaniho 7/B, Bratislava - Ružinov 821 04, Slovak Republic

Connection and use of this communications equipment is permitted by the Nigerian
Communications Commission



Nigeria

UAE (United Arab Emirates)

For more certification marks, please see the product label.

Taiwan

RoHS 含有物質標識表,請至下列網址查閱: https://www.desaysv.com/index.php?id=twrohs 台灣NCC 警語:

低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機,非經許可,公司、商號或使用者均不得擅自變更頻率、加大功率或 變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信;經發現有干擾現象時,應立即停用,並改善 至無干擾時方得繼續使用。

前項合法通信,指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

商標: Mazda

Electromagnetic Compatibility

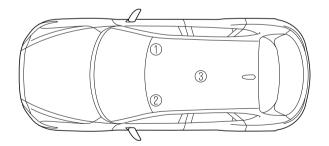
Your Mazda has been tested and certified to the UN-R*1 10 regulation as related to electromagnetic compatibility. Radio Frequency (RF) transmitter equipment (e.g. cellular telephones, amateur radio transmitters, etc.) may only be fitted to your Mazda if they comply with the parameters shown in the table below.

*1 UN-R stands for United Nations Regulation.

It is your responsibility to ensure that any equipment you have fitted complies with applicable local legislations. Have any equipment fitted by properly trained technicians.



- ➤ Do not mount any transceiver, microphones, speakers, or any other item in the deployment path of the air bag system.
- ➤ Do not fasten aerial lead to original vehicle wiring, fuel pipes or brake pipes. Avoid running the aerial lead parallel with the wire harness to the best extent possible.
- ➤ Keep the aerial and power leads at least 100 mm (3.9 in) from any electronic modules and the air bags.
- Avoid using the cigar lighter or accessory socket as a power source for the RF-transmitting equipment.



Aerial positions:

(1): front right of roof

(2): front left of roof

(3): centre of roof

Frequency Band (MHz)	Maximum output power (Wattage)	Aerial Positions
50 — 54	50	123
68 — 87.5	50	①②
142 — 176	50	123
380 — 470	50	123
806 — 940	10	123
1200 — 1300	10	123

Electromagnetic Compatibility

Frequency Band (MHz)	Maximum output power (Wattage)	Aerial Positions
1710 — 1885	10	123
1885 — 2025	10	123
2400 — 2500	0.01*1	In a cabin*1

^{*1} Only for Bluetooth®

NOTE

After the installation of RF transmitters, check for disturbances from and to all electrical equipment in the vehicle, both in the standby and transmit modes. Check all electrical equipment:

- · with the ignition ON
- · with the engine running
- · during a road test at various speeds.

Information for Users on Collection and Disposal of Old Equipment and Used Batteries

When disposing your old battery, please refer to the information as follows.

▼ Information on Disposal in the European Union



These crossed-out wheeled bin symbols on the products, packaging, and/or accompanying documents mean that used electronic products and batteries should not be mixed with general household waste. For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2006/66/EC.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sales where you purchased the items.

NOTE



The bottom two letters might be used in combination with the crossed-out wheeled bin symbol. In this case it complies with the requirement established by the Directive for the chemical involved.

"Pb" and "Cd" mean lead and cadmium respectively.

Collection/Disposal of Old Equipment/Used Battery

▼ Information on Disposal in Other Countries Outside the European Union

The above symbols are only valid in the European Union. If you wish to discard old products and used batteries, please contact your local authorities, your waste disposal service or the point of sales where you purchased the items, and ask for the correct method of disposal.

9

Specifications

Technical information about your Mazda.

Identification Numbers	9-2
Vehicle Identification Number*	
	9-2
Tyre Pressure Label	9-3
Engine Number	9-3
Conformity Plate (Arab Gulf	
Cooperation Council)	9-4
Vehicle Specification	9-5
Engine	9-5

Mazda M Hybrid Battery (e-	
SKYACTIV G)	9-6
Electrical System	9-7
Lubricant Quality	9-8
Cleaner	9-9
Capacities	9-10
Dimensions	. 9-12
Light Bulbs	. 9-13
Tyres	
Brakes	

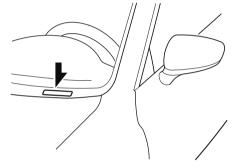
Identification Numbers

Vehicle Identification Number*

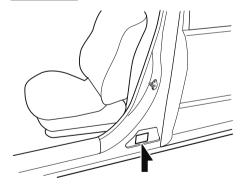
The vehicle identification number legally identifies your vehicle.

Instrument panel

The number is on a plate attached to the left top side of the instrument panel.



Model Plate



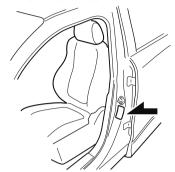
Chassis

Open the cover shown in the figure to check the vehicle identification number.

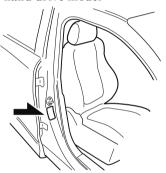


Tyre Pressure Label

Left-hand drive model

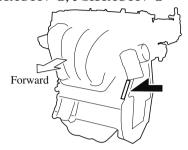


Right-hand drive model



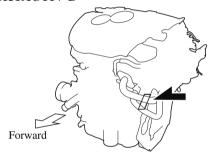
Engine Number

SKYACTIV-G, e-SKYACTIV G



1. Forward

SKYACTIV-D

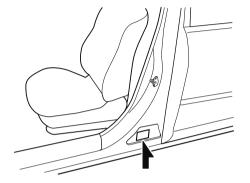


1. Forward

Identification Numbers

Conformity Plate (Arab Gulf Cooperation Council)

Production year and month are shown on this plate.



Engine

Petrol engine

Item	SKYACTIV-G 2.0, e-SKYACTIV G	SKYACTIV-G 2.5	SKYACTIV-G 2.5T
Type	DOHC-16V in-line, 4-cylinder		
Bore × Stroke	83.5 × 91.2 mm (3.29 × 3.59 in)	89.0 × 100.0 mm (3.50 × 3.94 in)	
Displacement	1,998 ml (1,998 cc)	2,488 ml (2,488 cc)	
Compression ratio	13.0/13.5	13.0	10.5

Arab Gulf Cooperation Council

Item	FWD	AWD
Maximum engine pow- er/revolution	140 kW/6,000 rpm	140 kW/6,000 rpm
Maximum engine tor- que/revolution	252 N·m/4,000 rpm	252 N·m/4,000 rpm
Maximum speed	192 km/h (119 mph)	190 km/h (118 mph)

Diesel engine

Item	SKYACTIV-D
Туре	DOHC-16V in-line, 4-cylinder
Bore × Stroke	86.0 × 94.3 mm (3.39 × 3.71 in)
Displacement	2,191 ml (2,191 cc)
Compression ratio	14.4

Mazda M Hybrid Battery (e-SKYACTIV G)

Item	Specification
Туре	Lithium-ion battery
Temperature range	Operation guaranteed temperature: -35 °C (-31 °F) - 60 °C (140 °F)
	Storage guaranteed temperature: $-40 ^{\circ}\text{C} (-40 ^{\circ}\text{F}) - 90 ^{\circ}\text{C} (194 ^{\circ}\text{F})$

Electrical System

Lead-acid battery*1

Classification		Specification
SKYACTIV-G	With i-stop	Q-85
SKYACIIV-G	Without i-stop	55D23L (12V-60Ah/20HR) or 75D23L (12V-65Ah/20HR)
e-SKYACTIV G		55D23L (12V-60Ah/20HR)
SKYACTIV-D		S-95

^{*1} The lead-acid battery specification differs depending on the country or region. Check the battery installed on the vehicle and use a battery with an equal or higher performance. However, the performance of the battery may vary even among the same battery types, consult an expert repairer (we recommend an Authorised Mazda Repairer) for replacement.

Spark-plug

Classification	Specification	
SKYACTIV-G 2.0, SKYACTIV-G 2.5	Mazda Genuine spark plug*1	PE5R-18-110-A or PE5S-18-110
SKYACTIV-G 2.5T	Mazda Genuine spark plug*1	PY8V-18-110
e-SKYACTIV G	Mazda Genuine spark plug*1	P5SP-18-110

^{*1} The spark plugs provide the SKYACTIV-G, e-SKYACTIV G its optimum performance. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for details.



When cleaning the iridium plugs, do not use a wire brush. The fine particulate coating on the iridium alloy and platinum tips could be damaged.

Lubricant Quality			
Engine oil	Europe and Taiwan		Except Europe and Taiwan
	Recomn	nended Oils*1	Oil Quality
	Mazda Original Oil Supra-X 0W-20		
SKYACTIV-G 2.0,	Mazda Original Oil Ultra 5W-30		
SKYACTIV-G 2.5, e-SKYACTIV G	Alternativ	re Oil Quality*2	API SL or higher
	API SN*3 or higher	0W-20/5W-30	
	ACEA A5/B5	5W-30	
	Recommended Oils*1		Oil Quality
	Mazda Original Oil Ultra 5W-30		
SKYACTIV-G 2.5T	Alternativ	re Oil Quality*2	ADI SM or higher
	API SN or higher	0W-30/5W-30	API SM or higher
0W-30/5W-30			

Oil Quality

ACEA C3 0W-30/5W-30

SKYACTIV-D

Do not use oils which do not meet the above specification or requirements. Use of unsuitable oil may lead to engine damage which is not covered by the Mazda Warranty.

Lubricant		Europe
Coolant		FL-22 type
Automatic transaxle fluid*1	SKYACTIV-G, SKYACTIV-D	Mazda Original Oil ATF-FZ
	e-SKYACTIV G	Mazda Original Oil ATF-A7
Transfer case oil*2		Mazda Long Life Hypoid Gear Oil SG1
Rear differential oil*2		Mazda Long Life Hypoid Gear Oil SG1
Brake/Clutch fluid		SAE J1703 or FMVSS116 DOT-3 or DOT-4

^{*1} Periodic replacement is unnecessary.

ACEA A5/B5

^{*1} Mazda Original Oils are specially designed/tested for the respective engine. For optimum performance we recommend to use Mazda Original Oils at all times.

^{*2} If you are unable to find a Mazda Original Oil, alternative oils meeting the listed specification may also be used.

^{*3} Use API SM or higher in Kazakhstan.

^{*2} Replacement is necessary when the component is submerged in water.

Cleaner		
Cleaner	Classification	
Deposit Cleaner*1	Mazda genuine deposit cleaner (K002 W0 001 A)	

^{*1} Use Mazda genuine deposit cleaner. Using non-genuine deposit cleaner would cause internal failure of the fuel system. Refer to 3-30, 6-11 for the details.

Capacities

(Approximate Quantities)

Classification			Left-hand drive model Right-hand drive model			
	SKYACTIV-G With oil filter replacement		4.2 L (4.4 US qt, 3.7 Imp qt)			
	e-SKYACTIV G	Without oil filter re- placement	4.0 L (4.2 US	qt, 3.5 Imp qt)		
	SKYACTIV-G	With oil filter re- placement	4.5 L (4.8 US qt, 4.0 Imp qt)			
Engine oil	2.5	Without oil filter re- placement	4.3 L (4.5 US qt, 3.8 Imp qt)			
Eligille on	SKYACTIV-G	With oil filter re- placement	4.8 L (5.1 US	qt, 4.2 Imp qt)		
	2.5T	Without oil filter re- placement	4.6 L (4.9 US	qt, 4.0 Imp qt)		
	SKYACTIV-D	With oil filter re- placement	5.1 L (5.4 US	qt, 4.5 Imp qt)		
	SK IAC IIV-D	Without oil filter re- placement	4.8 L (5.1 US	qt, 4.2 Imp qt)		
	SKYACTIV-G	2.0	7.4 L (7.8 US qt, 6.5 Imp qt)	7.2 L (7.6 US qt, 6.3 Imp qt)		
	SKYACTIV-G	2.5	7.5 L (7.9 US qt, 6.6 Imp qt)	7.2 L (7.6 US qt, 6.3 Imp qt)		
Coolant	SKYACTIV-G	2.5T	8.5 L (9.0 US qt, 7.5 Imp qt)	_		
	e-SKYACTIV (រិ	_	7.2 L (7.6 US qt, 6.3 Imp qt)		
	SKYACTIV-D		_	8.7 L (9.2 US qt, 7.7 Imp qt)		
	SKYACTIV-G	2.0	7.8 L (8.2 US qt, 6.9 Imp qt)			
Automat-	SKYACTIV-G	With Cylinder Deactivation	8.0 L (8.5 US qt, 7.0 Imp qt)			
ic trans- axle fluid	2.5 Without Cylinder Deactivation		7.8 L (8.2 US qt, 6.9 Imp qt)			
	e-SKYACTIV (3	7.1 L (7.5 US qt, 6.2 Imp qt)			
	SKYACTIV-G	2.5T, SKYACTIV-D	8.0 L (8.5 US qt, 7.0 Imp qt)			
	SKYACTIV-G, e-SKYACTIV G		0.45 L (0.48 US qt, 0.40 Imp qt)			
Transfer case oil	SKYACTIV-D	With Mazda intelligent Drive Select (Mi-Drive)	0.40 L (0.42 US	qt, 0.35 Imp qt)		
	SKIACIIV-D	Without Mazda in- telligent Drive Se- lect (Mi-Drive)	0.45 L (0.48 US	qt, 0.40 Imp qt)		
Rear differential oil			0.35 L (0.37 US	qt, 0.31 Imp qt)		

Classification		Left-hand drive model Right-hand drive model	
Fuel tank	FWD	56.0 L (14.8 US g	gal, 12.3 Imp gal)
ruei talik	AWD	58.0 L (15.3 US g	gal, 12.8 Imp gal)

Check oil and fluid levels with dipsticks or reservoir gauges.

Dimensions					
	Item Vehicle specification				
Overall length		4,575 mm (180.1 in)			
Overall width		1,845 mm (72.6 in)			
Overall height	17 inch wheel vehicle	1,675 mm (65.9 in)			
	19 inch wheel vehicle	1,680 mm (66.1 in)			
Front tread		1,595 mm (62.8 in)			
Rear tread		1,595 mm (62.8 in)			
Wheelbase		2,700 mm (106.3 in)			

Light Bulbs

Exterior light

All the light bulbs are the LED type.

The LED bulb cannot be replaced. Consult an expert repairer (we recommend an Authorised Mazda Repairer) when the replacement is necessary.

Interior light

Light bulb		Wattage	UN-R*1
Overhead light (Front)/Map lights	LED type	LED	_
Overhead right (Front)/Wap rights	Bulb type	8	_
Rear map lights	LED type	LED	_
Real map lights	Bulb type	8	_
Vanity mirror lights*	LED type	LED	_
vanity inirror rights	Bulb type	2	_
Ambient lights*		LED	_
Luggage compartment light	LED type	LED	_
Luggage compartment fight	Bulb type	8	_

^{*1} UN-R stands for United Nations Regulation.

Tyres

Sample tyre mark and its meaning

	175 / 70	R	14	94	H M+S
Nominal section width ——		Т	Т	Т	Mud and snow
Nominal aspect ratio in % —					Speed symbol
Construction code —					— Load index (not on ZR tyres)
Nominal rim diameter in inch	es —				

Tyre mark information

Choose the proper tyres for your vehicle using the following tyre mark information.

Speed symbol	Maximum permissible speed
Q	Up to 160 km/h (99 mph)
R	Up to 170 km/h (105 mph)
S	Up to 180 km/h (111 mph)
T	Up to 190 km/h (118 mph)
U	Up to 200 km/h (124 mph)
Н	Up to 210 km/h (130 mph)
V	Up to 240 km/h (149 mph)
W	Up to 270 km/h (167 mph)
Y	Up to 300 km/h (186 mph)
ZR	Over 240 km/h (149 mph)

Tyre and inflation pressure

NOTE

The tyres have been optimally matched with the chassis of your vehicle.

When replacing tyres, Mazda recommends that you replace tyres of the same type originally fitted to your vehicle. For details, contact an expert repairer (we recommend an Authorised Mazda Repairer).

Check the tyre pressure label for tyre size and inflation pressure.

Refer to Tyre Pressure Label on page 9-3.

Refer to Tyre Inflation Pressure on page 6-41.

Standard tyre

(Left-hand drive model)

Tyre size		Inflation pressure			
		Up to 3 persons	—Full load		
225/65R17 102V	Front	230 kPa (2.3 bar, 33 psi)	260 kPa (2.6 bar, 38 psi)		
223/03K1 / 102 V	Rear	230 kPa (2.3 bar, 33 psi)	280 kPa (2.8 bar, 41 psi)		
225/55R19 99V	Front	250 kPa (2.5 bar, 36 psi)	260 kPa (2.6 bar, 38 psi)		
223/33K19 99V	Rear	250 kPa (2.5 bar, 36 psi)	290 kPa (2.9 bar, 42 psi)		

(Right-hand drive model)

Tyre size		Inflation pressure			
Tyre size	<i>5</i>	Up to 3 persons	—Full load		
225/65017 10211	Front	230 kPa (2.3 bar, 33 psi)	260 kPa (2.6 bar, 38 psi)		
225/65R17 102H	Rear	230 kPa (2.3 bar, 33 psi)	280 kPa (2.8 bar, 41 psi)		
225/55R19 99V	Front	250 kPa (2.5 bar, 36 psi)	260 kPa (2.6 bar, 38 psi)		
223/33K19 99V	Rear	250 kPa (2.5 bar, 36 psi)	290 kPa (2.9 bar, 42 psi)		

¹ person's weight: About 75 kg

Temporary spare tyre*

Tyre size	Inflation pressure
T155/80R17 100M	420 kPa (4.2 bar, 60 psi)

Winter tyre

Tyre size		Inflation pressure		
Tyre size		Up to 3 persons	—Full load	
225/65R17*1 M+S	Front	230 kPa (2.3 bar, 33 psi)	260 kPa (2.6 bar, 38 psi)	
225/65R1 / 1 MI+8	Rear	250 kPa (2.5 bar, 36 psi)	300 kPa (3.0 bar, 44 psi)	
225/55R19*2 M+S	Front	250 kPa (2.5 bar, 36 psi)	260 kPa (2.6 bar, 38 psi)	
223/33K19 2 WI+S	Rear	270 kPa (2.7 bar, 39 psi)	310 kPa (3.1 bar, 45 psi)	

¹ person's weight: About 75 kg

Wheel nut tightening torque

When installing a tyre, tighten the wheel nut to the following torque.

108—147 N·m (12—14 kgf·m, 80—108 ft·lbf)

^{*1} Load index and Speed Symbol: 102Q/102S/102H/102V

^{*2} Load index and Speed Symbol: 99Q/99S/99H/99V

Brakes

If you require information regarding the wear limit specification for the brake disc plates and the measurement method, please contact an expert repairer (we recommend an Authorised Mazda Repairer). The information is made freely available.

A	Antilock Brake System (ABS)4-115 Armrest Box5-62
Accessory Socket5-53	AUTOHOLD4-109
Active Driving Display4-74	AUTOHOLD Warning Beep7-68
Adaptive Front Lighting System	Automatic Transaxle4-77
(AFS)4-135	Active Adaptive Shift (AAS) 4-80
Adaptive LED Headlights (ALH) 4-138	Automatic transaxle controls4-77
Add-On Non-Genuine Parts and	Direct mode
Accessories8-3	Driving tips4-87
Adjustable Speed Limiter (ASL) 4-222	Manual shift mode4-81
Activation/deactivation4-228	Shift-lock system4-78
Adjustable Speed Limiter (ASL)	Transaxle ranges4-79
display4-224	Transaxie ranges4-/9
Adjustable Speed Limiter (ASL)	В
main indication (white)	_
Adjustable Speed Limiter (ASL) set	Battery6-38
indication (green)4-224	Electrical system9-7
Setting the system4-228	Inspecting electrolyte level6-40
Speed limiter warning beep4-226	Maintenance6-40
Temporarily cancelling the	Replacement6-40
system4-230	Battery Runs Out7-30
Advanced Key	Jump-starting
Advanced keyless entry system3-10	Beep Sounds
Operational range3-11	Lights-on reminder7-65
Advanced Keyless Entry System 3-10	Blind Spot Monitoring (BSM) 4-141
Advanced Smart City Brake Support	Cancelling operation of Blind Spot
(Advanced SCBS)4-231	Monitoring (BSM)4-145
Collision warning4-233	Blind Spot Monitoring (BSM) Warning
Smart City Brake Support (SCBS)	Beep7-68
Indicator Light (Red)4-233	Body Lubrication6-33
Stopping the Advanced Smart City	Bonnet Release6-20
Brake Support (Advanced SCBS)	Bottle Holder5-60
system operation4-233	Brakes
Air Bag Systems2-53	Brakes9-16
	Brake assist4-108
Air Bag/Seat Belt Pretensioner System	Electric parking brake (EPB)4-106
Warning Beep	Foot brake4-105
Air-Conditioning System	Pad wear indicator4-108
Fully Automatic Type5-9	Parking brake4-106
Manual Type5-5	Warning light4-108
Operating Tips5-2	
Vent Operation5-3	

C	Distance Recognition Support System (DRSS)4-153
Carbon Monoxide3-33	Indication on display4-154
Cell Phones	Door Locks3-12
Centre Console5-62	Driver Attention Alert (DAA)4-157
Child Restraint	Driving In Flooded Area3-59
Categories of child-restraint	Driving Tips3-53
systems2-38	Automatic transaxle4-87
Child-restraint precautions 2-33	Driving in flooded area3-59
Child-restraint system installation	Floor mat
position2-38	Hazardous driving3-54
Child-restraint system suitability for	Rocking the vehicle3-56
various seat positions table2-44	Running-in3-53
Installing child-restraint	Saving fuel and protection of the
systems2-49	environment3-53
Collision warning7-71	Turbocharged vehicles (SKYACTIV-
Coming Home Light4-92	G 2.5T, SKYACTIV-D 2.2)3-60
Cruise Control4-314	Winter driving 3-56
Cruise control switch4-314	Dynamic Stability Control (DSC)4-118
Cruise main indication (white)/cruise	TCS/DSC indicator light 4-118
set indication (green)4-315	
Cruising & Traffic Support (CTS)	\mathbf{E}
4-190	Electric parking brake (EPB)4-106
Close proximity warning4-198	Electric Parking Brake (EPB) Warning
Display indication4-195	Beep
Setting the system 4-198	Electronic steering lock warning
Stop hold control4-206	beep
Cup Holder5-59	Emergency Signal System4-113
Cylinder Deactivation4-19	Emergency Starting
D	Push-starting7-34
D	Running out of fuel (SKYACTIV-D
Defogger4-100	2.2)7-35
Mirror4-101	Starting a flooded engine
Rear window4-100	(SKYACTIV-G 2.0, SKYACTIV-G
Deposit Cleaner3-30	2.5, and SKYACTIV-G 2.5T)7-34
Diesel Particulate Filter (SKYACTIV-D	Emergency Towing
2.2)4-323	Towing description7-38
Direction Indicators4-95	Towing hooks7-40
Display 4-20	Emission Control System (SKYACTIV-
	D 2 2) 3-32

Emission Control System (SKYACTIV-	Filler flap and cap3-34
G 2.0, SKYACTIV-G 2.5, SKYACTIV-G	Requirements (SKYACTIV-D
2.5T)3-31	2.2)3-31
Engine	Requirements (SKYACTIV-G 2.0,
Bonnet release 6-20	SKYACTIV-G 2.5, SKYACTIV-G
Coolant6-29	2.5T)
Engine9-5	Fuses6-49
Engine compartment overview6-22	Panel description6-52
Engine number9-3	Replacement6-49
Exhaust gas3-33	
Oil6-24	G
Starting4-5	Gauges4-20
Essential Information6-2	Glove Compartment5-61
Excessive Speed Warning7-70	Giove Compartment5-01
Exhaust Gas 3-33	Н
Exterior Care6-56	
Aluminium wheel maintenance 6-60	Hazardous Driving3-54
Bright-metal maintenance 6-60	Hazard Warning Flasher4-103
Cavity protection6-60	Headlights
Maintaining the finish6-57	Coming home light4-92
Paint damage touch-up6-60	Control4-88
Plastic part maintenance6-61	Flashing 4-92
Undercoating 6-60	Headlight flashing4-92
•	High-low beam4-92
F	Leaving home light 4-93
Flasher	Levelling4-93
Hazard warning4-103	Running lights4-93
Headlights4-88	Washer4-100
Flat Tyre	Headlight Washer4-100
Mounting the spare tyre7-27	Head Restraint2-21
Removing a flat tyre7-25	High Beam Control System
Floor Mat	(HBC)4-136
Fluid	High Beam Control System (HBC)
Brake/Clutch6-31	indicator light (green)4-137
Washer	Hill Launch Assist (HLA)4-114
Fog Lights	Horn4-103
Rear4-94	T
Foot Brake4-105	I
	If a Warning Light Turns On or
Forward Sensing Camera (FSC) 4-301	Flashes
Fuel	······································

If the Active Driving Display Does Not	Indication/Indicator Lights 4-37	
Operate	Instrument Panel Illumination 4-27	
Ignition	Lane-keep Assist System (LAS) &	
Switch4-4	Lane Departure Warning System	
Ignition Not Switched Off (STOP)	(LDWS) Display4-31	
Warning Beep7-66	Maintenance Monitor4-30	
Illuminated Entry System 5-52	Mazda intelligent Drive Select (Mi-	
Immobilizer System3-46	Drive) Display 4-30	
Inspecting Brake/Clutch Fluid	Mazda Radar Cruise Control with	
Level6-31	Stop & Go function (MRCC with	
Inspecting Coolant Level6-29	Stop & Go function) Display4-32	
Inspecting Engine Oil Level 6-28	Mazda Radar Cruise Control	
Inspecting Washer Fluid Level 6-32	(MRCC) Display 4-32	
Inspection and Maintenance	Message Display4-33	
Capacities9-10	Multi-information Display (Type	
Cleaner9-9	A)4-23	
Conformity plate9-4	Odometer4-26	
Dimensions9-12	Outside Temperature Display 4-28	
Lubricant quality9-8	Speedometer4-21	
Vehicle identification number9-2	Speed Unit Selector4-28	
Instrument Cluster4-20	Tachometer 4-21	
Instrument Cluster (Type A)4-21	Trip Meter4-26	
Instrument Cluster (Type B)4-41	Vehicle Speed Alarm4-31	
Instrument Cluster (Type C)4-60	Warning Indication/Warning	
Instrument Cluster (Type A)4-21	Lights4-34	
Adjustable Speed Limiter (ASL)	Instrument Cluster (Type B)4-41	
Display4-33	Adjustable Speed Limiter (ASL)	
Average Fuel Economy4-30	Display4-50	
Blind Spot Monitoring (BSM)	Average Fuel Economy4-48	
Display4-31	Blind Spot Monitoring (BSM)	
Cruise Control Set Vehicle Speed	Display4-4	
Display4-33	Cruise Control Set Vehicle Speed	
Cruising & Traffic Support (CTS)	Display4-5	
Display4-32		
Current Fuel Economy4-30		
Distance Recognition Support System	gnition Support System Current Fuel Economy4-48	
(DRSS) Display4-32	Distance Recognition Support System	
Distance-to-empty 4-29		
Engine Coolant Temperature	Distance-to-empty4-47	
Gauge4-26	Engine Coolant Temperature	
Fuel Gauge 4-27	Gauge4-45	

Fuel Gauge	Vehicle Speed Alarm4-67 Warning Indication/Warning
Instrument Panel Illumination 4-46	Lights4-68
Lane-keep Assist System (LAS) &	Interior Care6-62
Lane Departure Warning System	Active driving display
(LDWS) Display4-49	maintenance6-64
Maintenance Monitor 4-48	Cleaning the window interiors6-64
Mazda Radar Cruise Control with	Instrument panel top (Soft pad)
Stop & Go function (MRCC with	maintenance6-64
Stop & Go function) Display4-49	Leather upholstery
Mazda Radar Cruise Control	maintenance6-63
(MRCC) Display 4-50	Panel maintenance6-64
Message Display4-50	Plastic part maintenance6-64
Multi-information Display (Type	Seat belt maintenance6-62
B)4-42	Upholstery and synthetic leather
Odometer4-44	maintenance6-63
Outside Temperature Display 4-47	Vinyl upholstery maintenance 6-62
Speedometer4-41	Interior Lights 5-49
Tachometer4-41	Luggage compartment light5-49
Trip Meter4-44	Map lights5-49
Vehicle Speed Alarm4-49	Overhead lights5-49
Warning Indication/Warning	i-ACTIVSENSE4-131
Lights4-52	Active safety technology4-131
Instrument Cluster (Type C)4-60	Adaptive Front Lighting System
Adjustable Speed Limiter (ASL)	(AFS)4-135
Display4-67	Adaptive LED Headlights
Cruise Control Set Vehicle Speed	(ALH)4-138
Display4-67	Adjustable Speed Limiter
Engine Coolant Temperature	(ASL)4-222
Gauge4-63	Advanced Smart City Brake Support
Fuel Gauge4-63	(Advanced SCBS) 4-231
Indication/Indicator Lights4-70	Blind Spot Monitoring (BSM)
Instrument Panel Illumination 4-64	4-141
Multi-information Display (Type	Camera and sensors4-133
C)4-61	Cruising & Traffic Support
Odometer4-62	(CTS)4-190
Outside Temperature Display 4-64	Distance Recognition Support System
Speedometer 4-60	(DRSS)4-153
Tachometer4-60	Driver Attention Alert (DAA) 4-157
Trip Computer4-65	Forward Sensing Camera
Trip Meter4-62	(FSC)4-301

High Beam Control System	K
(HBC)4-136 Lane-keep Assist System (LAS) &	Keyless Entry System3-4
Lane Departure Warning System	Keys3-2
(LDWS)4-208	Key suspend function3-9
Mazda Radar Cruise Control with	Transmitter3-
Stop & Go function (MRCC with	Key Left-in-luggage Compartment
Stop & Go function)4-175	Warning beep (With the advanced
Mazda Radar Cruise Control	keyless function)7-60
(MRCC)4-163	Key Left-in-vehicle Warning Beep (With
Pre-crash safety technology4-132	the advanced keyless function)7-6
Radar sensors (rear)4-310	Key Removed from Vehicle Warning
Radar sensor (front)4-307	Beep7-60
Rear Cross Traffic Alert	Key Suspend Function3-9
(RCTA)4-159	
Smart Brake Support (SBS) 4-243	\mathbf{L}
Smart City Brake Support [Forward]	Lana Danartura Wamina saund 7.70
(SCBS F)4-235	Lane Departure Warning sound 7-70
Smart City Brake Support [Reverse]	Lane-change Signals 4-93
(SCBS R)4-239	Lane-Change Signals
Traffic Sign Recognition System	Lane-keep Assist System (LAS) & Lane
(TSR)4-147	Departure Warning System (LDWS)4-208
Ultrasonic sensor (rear)4-312	Leaving Home Light4-20
360°View Monitor (Mazda Connect	Liftgate
(Type A))4-245	Luggage compartment cover 3-10
360°View Monitor (Mazda Connect	When liftgate cannot be
(Type B))4-272	opened7-72
i-ACTIV AWD Operation4-128	Lighting Control4-88
i-stop4-11	Lights
Indicator light (Green)4-17	Light bulbs9-13
i-stop OFF switch4-15	Lights-on Reminder7-65
Vehicle roll prevention	Light Bulbs
function4-16	Replacement 6-4
Warning light (Amber)4-17	Luggage Compartment5-63
i-stop warning beep7-67	Cargo Securing Loops5-63
*	Cargo Sub-Compartment5-63
J	Luggage Compartment Light5-49
Jack7-15	
Jump-Starting	M
vamp samming	Maintenance

Information6-2	Rearview mirror
Scheduled6-3	Mirror Defogger4-101
Map Lights5-49	Multi-information Display (Type
Mazda Connect 5-14	A)4-23
Appendix (Mazda Connect (Type	Multi-information Display (Type
A))5-25	B)4-42
Appendix (Mazda Connect (Type	Multi-information Display (Type
B))5-43	C)4-61
Mazda Connect Basic Operations	
(Mazda Connect (Type A))5-17	O
Mazda Connect Basic Operations	Off-Road Traction Assist
(Mazda Connect (Type B))5-35	Off-Road Traction Assist indicator
Mazda ERA-GLONASS7-2	light4-119
Mazda intelligent Drive Select (Mi-	Off-Road Traction Assist
Drive)4-125	switch4-120
Mazda M Hybrid4-121	Outside Mirrors3-36
Mazda Radar Cruise Control with Stop &	Outside temperature warning beep7-67
Go function (MRCC with Stop & Go	Overhead Console5-61
function)4-175	Overhead Lights5-49
Close proximity warning4-179	Overheating
Cruise control function4-187	Owner Maintenance
Display indication4-178	Closing the bonnet6-21
Setting the system 4-179	Engine compartment overview6-22
Stop hold control4-186	Key battery replacement6-41
Mazda Radar Cruise Control with Stop &	Opening the bonnet
Go function (MRCC with Stop & Go	Owner maintenance
function) System Warnings7-69	precautions6-18
Mazda Radar Cruise Control	precautions0-18
(MRCC)4-163	P
Close proximity warning4-166	_
Cruise control function4-172	Parking Brake4-106
Display indication4-165	Parking Sensor System (Mazda Connect
Setting the system 4-166	(Type A))4-345
Mazda Radar Cruise Control (MRCC)	Obstruction detection
System warnings7-69	indication 4-350
Message Indicated in Multi-information	Parking sensor system
Display7-60	operation4-349
Message Indicated on Display 7-63	Parking sensor warning beep4-352
Meters4-20	Sensor detection range 4-347
Mirrors	When warning indicator/beep is
Outside mirrors3-36	activated4-354

Parking Sensor System (Mazda Connect	Rear View Monitor (Mazda Connect	
(Type B))4-355	(Type B))4-325	
Obstruction detection	Displayable range on the	
indication 4-359	screen4-339	
Parking Sensor System	Rear view monitor operation4-340	
Operation 4-359	Rear view parking camera	
Parking sensor warning beep4-362	location 4-338	
Sensor detection range 4-357	Switching to the rear view monitor	
When warning indicator/beep is	display4-338	
activated4-364	Variance between actual road	
Power Liftgate3-20	conditions and displayed	
Power Liftgate Warning Beep7-67	image4-343	
Power Steering4-130	Viewing the display4-340	
Power Steering Warning Buzzer 7-68	Rear window	
Power Windows3-40	Rear Window Defogger4-100	
	Rear Window Defogger 4-100	
R	Rear Window Washer 4-99	
Radar Sensors (Rear) 4-310	Rear Window Wiper 4-99	
Radar Sensor (Front)4-307	Recommended Oil6-24	
Rearview Mirror3-38	Registering Your Vehicle in A Foreign	
Rear Coat Hooks5-68	Country8-2	
Rear Cross Traffic Alert (RCTA) 4-159	Replacement	
Rear Door Child Safety Locks3-17	Fuse6-49	
Rear Fog Light4-94	Key battery6-41	
Rear Seat2-16	Light bulbs6-45	
Rear View Monitor4-325	Tyres6-43	
Rear View Monitor (Mazda Connect	Wheel6-44	
(Type A))4-325	Wiper 6-33	
Displayable range on the	Request Switch Inoperable Warning	
screen4-327	Beep (With the advanced keyless	
Picture quality adjustment4-336	function)7-66	
Rear view monitor operation4-330	Roadside Emergency Triangle Retaining	
Rear view parking camera	Strap7-13	
location	Rocking the Vehicle3-56	
Switching to the rear view monitor	Running-In3-53	
display4-326		
Variance between actual road	S	
conditions and displayed	Saving Fuel and Protection of the	
image4-334	Environment3-53	
Viewing the display4-328	Scheduled Maintenance6-3	
viewing the display4-326	Deficulted iviaintenance 0-2	

Seats2-5	SRS air bag deployment
Driving position memory 2-11	criteria2-66
Front seat2-5	Supplementary restraint system
Head restraint2-21	components2-60
Rear seat2-16	Starting the Engine4-5
Seat ventilation2-24	Steering Wheel
Seat warmer2-23	Heated steering wheel2-25
Seat Belt System	Horn4-103
Emergency locking2-28	Storage Compartments5-61
Pregnant women2-28	Armrest box5-62
Seat belt precautions 2-26	Centre console5-62
3-point type	Glove compartment5-61
Seat Belt Warning Beep7-65	Luggage Compartment5-63
Security System	Overhead console5-61
Immobilizer system3-46	Rear coat hooks5-68
Theft-deterrent system3-48	Sunroof3-43
Smart Brake Support (SBS)4-243	Sunshade3-45
Collision warning 4-244	Sunvisors 5-49
Stopping the Smart Brake Support	
(SBS) system operation4-244	T
Smart City Brake Support [Forward]	That Determent System 2.49
(SCBS F)4-235	Theft-Deterrent System
Collision warning 4-237	Three-flash Turn Signal
Smart City Brake Support (SCBS)	Towing Hook7-40
Indicator Light (Red)4-237	Towing Caravans and Trailers
Stopping the Smart City Brake	(Europe/Russia/Turkey/Israel/South
Support [Forward] (SCBS F) system	Africa)3-61
operation4-238	Towing Description7-38
Smart City Brake Support [Reverse]	
(SCBS R)	Traction Control System (TCS) 4-116 TCS OFF Indicator Light 4-117
Stopping the Smart City Brake	TCS OFF switch4-117
Support [Reverse] (SCBS R) system	TCS/DSC indicator light4-116
operation4-242	Traffic Sign Recognition System
Spare Tyre7-15	(TSR)4-147
Speed Limiter Warning Beep7-70	Transmitter
SRS Air Bags	Trouble 3-3
Front passenger occupant	
classification system2-70	Battery runs out
How the SRS air bags work 2-62	Emergency starting
Limitations to SRS air bag2-68	Emergency towing7-38
Monitoring2-75	Flat tyre7-14

0 1 3	
Overheating	Electronic steering lock warning
Parking in an emergency7-13	beep7-67
Warning/indicator lights and warning	Excessive speed warning7-70
sounds7-42	Ignition not switched off (STOP)
When liftgate cannot be	warning beep7-66
opened7-72	i-stop warning beep7-67
Turn and Lane-Change Signals4-95	Key left-in-luggage compartment
Tyres6-41	warning beep (With the advanced
Flat tyre7-14	keyless function)7-66
Replacing a tyre6-43	Key left-in-vehicle warning beep
Replacing a wheel6-44	(With the advanced keyless
Snow tyres3-57	function)7-67
Temporary spare tyre6-44	Key removed from vehicle warning
Tyres	beep7-66
Tyre chains	Lane Departure Warning sound 7-70
Tyre inflation pressure6-41	Lights-on reminder7-65
Tyre pressure label	Mazda Radar Cruise Control with
Tyre rotation	Stop & Go function (MRCC with
Tyre Inflation Pressure Warning	Stop & Go function (WRCC with Stop & Go function) system
Beep7-68	warnings7-69
-	Mazda Radar Cruise Control
Tyre Pressure Monitoring System4-319	
\mathbf{U}	(MRCC) System warnings 7-69
C	Outside temperature warning
Ultrasonic Sensor (Rear)4-312	beep7-67
USB Power Outlet 5-55	Power Liftgate Warning Beep 7-67
W.Y	Power steering warning buzzer7-68
\mathbf{V}	Request switch inoperable warning
Vanity Mirrors 5.40	beep (With the advanced keyless
Vanity Mirrors	function)7-66
Vehicle Speed Alarm7-68	Seat belt warning beep7-65
\mathbf{W}	Speed limiter warning beep7-70
**	Tyre inflation pressure warning
Warning Sound is Activated7-65	beep7-68
Air bag/seat belt pretensioner system	Vehicle speed alarm7-68
warning beep7-65	120 km/h warning beep7-68
AUTOHOLD Warning Beep 7-68	Warning/Buzzer7-42
Blind Spot Monitoring (BSM)	Warranty8-2
warning beep7-68	Windows
Collision warning7-71	Power windows3-40
Electric Parking Brake (EPB)	Windscreen Washer4-99
Warning Beep7-68	Windscreen Wipers4-96

Windscreen Wiper De-icer4-102
Winter Driving
Wiper
Replacing Rear Window Wiper
Blade6-36
Replacing windscreen wiper
blades6-34
Wireless Charger (Qi)5-56
0-9
120 km/h warning beep 7-68
360°View Monitor (Mazda Connect
(Type A))4-245
Front wide view4-259
How to use the system 4-251
Margin of error between road surface
on screen and actual road
surface4-268
Rear wide view4-266

Side view	.4-261
Top view/front view	4-256
Top view/rear view	.4-263
Types of images displayed on the	ne
screen	. 4-249
360°View Monitor (Mazda Connec	t
(Type B))	. 4-272
How to use the system	
Margin of error between road su	ırface
on screen and actual road	
surface	.4-296
Side view	. 4-287
Top view/front view	4-282
Top view/front wide view	4-285
Top view/rear view	.4-290
Top view/rear wide view	.4-294
Types of images displayed on the	ne
screen	.4-276