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.
Note: Screen shots of display interface may differ from actual vehicle.

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March 2026

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 beginning to end, 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.

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.

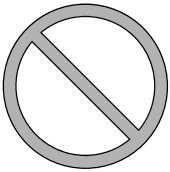
⚠CAUTION

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

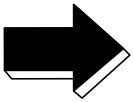
Note

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

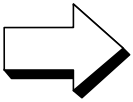
The symbol below in this manual means "Do not do this" or "Do not let this happen".



The following symbol indicates the first operation, such as a push or a turn.



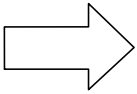
The following symbol indicates the second operation, such as a push or a turn.



The following symbol indicates the location of parts.



The following symbol indicates a change of status.



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.



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

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Important information about safety equipment, including seats, seat belt systems, child safety seat systems and SRS airbags. 2

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Operation of various driving comfort functions, including keys, doors, side mirrors and windows. 3

While Driving
Information related to safe driving and parking. 4

In-Vehicle Features
Operation of various driving comfort functions, including the air conditioning system and Mazda Connect system. 5

Maintenance and Servicing
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Interior Equipment (View A)

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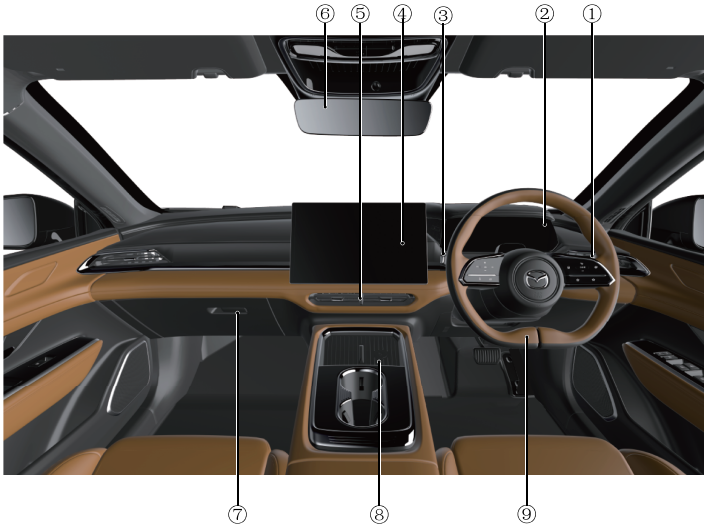

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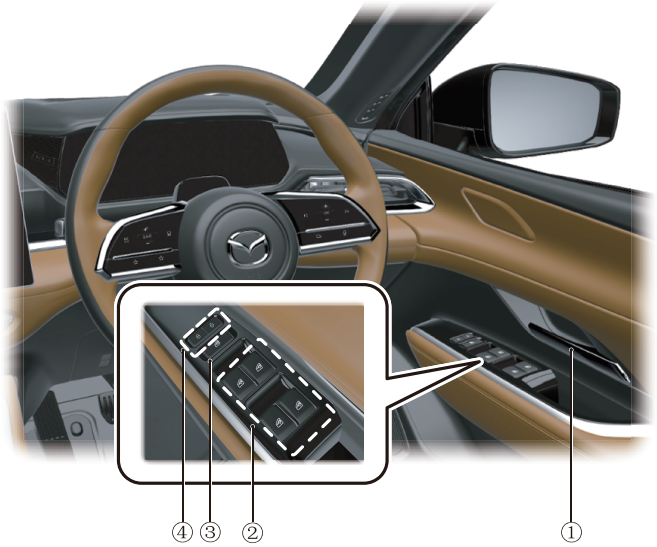

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Interior Overview

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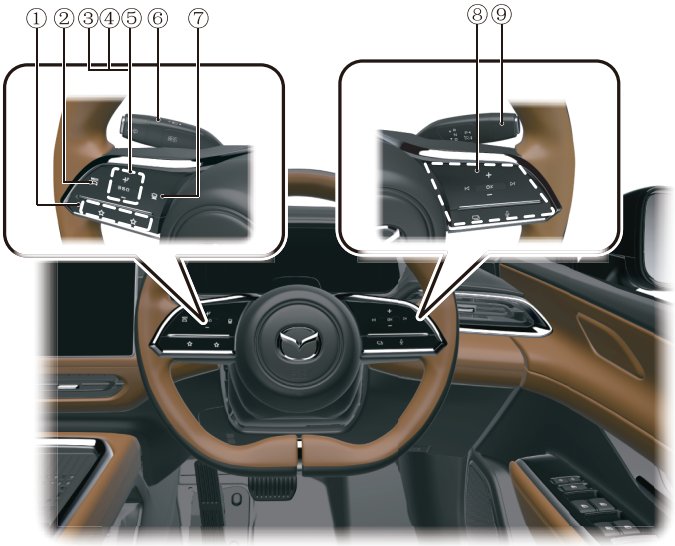

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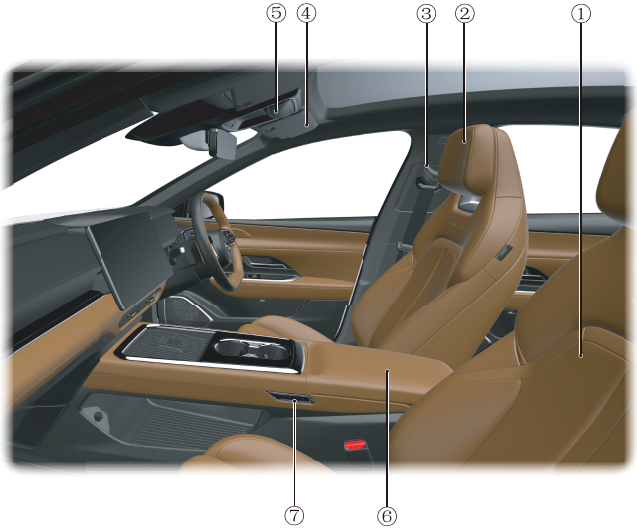
▼Interior Equipment (View B)



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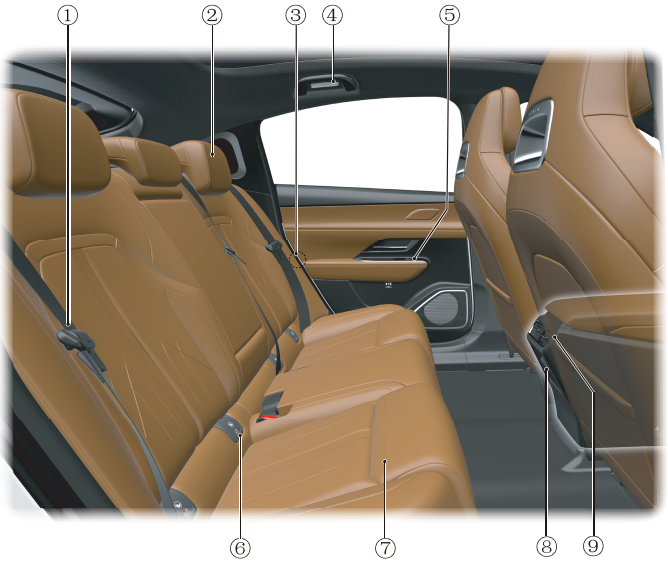
▼Interior Equipment (View C)



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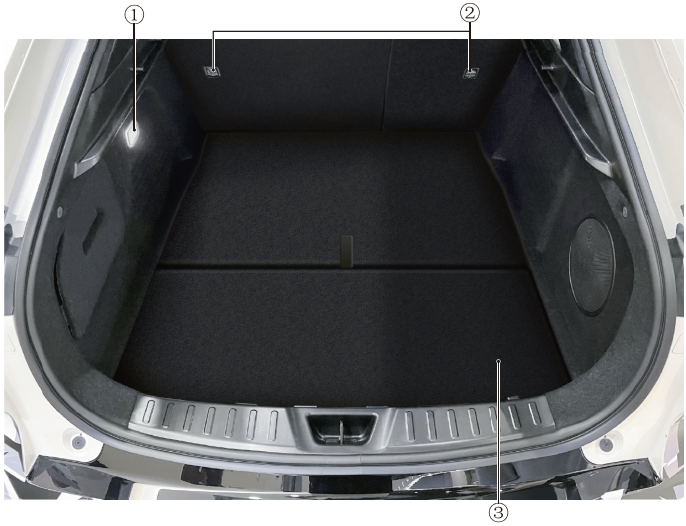
▼Interior Equipment (View D)



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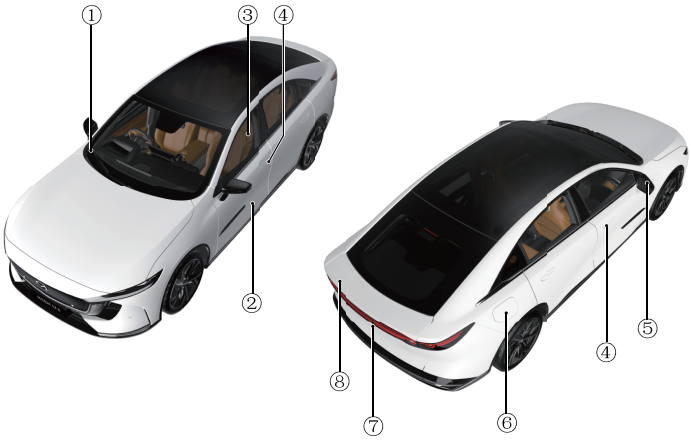
Exterior Equipment

Exterior Equipment

▼Exterior Equipment



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2 Essential Safety Equipment

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

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Seat Precautions

▼Seat Precautions

WARNING

Ensure the adjustable components of the seat are securely locked in place:
Adjustable seats and seatbacks that are not securely locked are dangerous. In the event of a sudden braking or collision, the seat or seatback may move, potentially causing injury.

Ensure the adjustable components of the seat are securely locked by attempting to slide the seat forwards and backwards, as well as rocking the seatback.

Never allow children to adjust the 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.

Unlocked seatbacks are hazardous as they may cause passengers to be ejected or thrown around, with baggage potentially striking occupants during a sudden stop or collision, leading to severe injury.

After adjusting the seatback, even when no other passengers are present, rock the seatback to ensure it is securely locked in place.

Adjust a seat only when the vehicle is stopped:
If the seat is adjusted while the vehicle is in motion, the seating position may become unstable, and the seat could move unexpectedly, potentially causing injury.

Do not modify or replace the front seats under any circumstances:
Modifying or replacing the front seats such as replacing the upholstery or loosening any bolts is dangerous. The front seats contain airbag components essential to the supplemental restraint system. Such modifications could damage the supplemental restraint system and result in serious injury.

Consult an authorised Mazda dealer if it is necessary to remove or reinstall the front seats.

Do not drive with damaged front seats under any circumstances:
Driving with damaged front seats, such as seat cushions torn or damaged down to sponge, is hazardous. A collision, even one not severe enough to deploy

the airbags, could damage the front seats, which contain vital airbag components. If there was a subsequent collision, an airbag may not deploy which could lead to injuries. Always have an authorised Mazda dealer inspect the front seats, front seat belt pretensioners, and airbags after a collision.

Never drive with either of the 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 may slide under the lap belt, resulting in serious internal injuries. For optimal protection, sit fully back and upright.

Never place an object, such as a cushion, between the seatback and your back:
Placing an object, such as a cushion, between the seatback and your back is hazardous, as it prevents you from maintaining a safe driving posture and may impair the seatbelt's function in a collision, potentially resulting in serious injury or death.

Do not place objects under the seat:
The object could become lodged, preventing the seat from securing properly, potentially causing an accident.

Never 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 become projectiles, potentially striking and injuring passengers.

Ensure luggage and cargo is securely stowed before driving:
Failing to secure cargo while driving is hazardous, as it may shift or be crushed during sudden braking or a collision, causing injury.

Additionally, if the airbags 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 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. A child in the baggage area could be thrown into other occupants, causing serious injury.

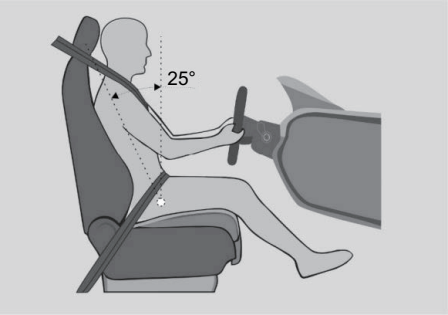
Seats

CAUTION

- 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.
- Be careful not to hurt yourself when reaching under the seat to clean the floor or pick up something that has fallen under the seat. Be careful not to hurt yourself by touching moving parts, seat rails, seat frame, and other parts around the seat bottom.
- 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.
- Seat base power adjustment is motor-driven. Avoid prolonged operation to prevent motor damage.
  • To prevent the battery from running down, avoid using the power adjustment when the EV system is stopped. The adjuster uses a large amount of electrical power.

  • Operate only one adjustment at a time.

▼Seats Overview



The front-to-rear position and seatback angle settings for this vehicle model are as follows:

- Seat front-to-rear position: The seat is adjusted 40 millimetres (1.6 in) forward from its rearmost position.
- Seatback angle: This is the angle between the vertical axis and the occupant's torso line when seated in the position. For this vehicle model, the seatback angle is set at 25°.

▼Correct Seating Posture

Correct use of the seats, head restraints, seat belts, and airbags is essential to ensure maximum protection in the event of a vehicle collision. Prior to driving, we strongly recommend that you:

- Adjust the seat position properly, ensuring that both the seat and seatback are securely locked in place. Avoid excessive reclining of the seatback.
- The driver should maintain a safe distance from the steering wheel, adjusting it downward if possible, so that the airbag deploys towards the chest.
- Ensure you adopt the correct seating posture, sitting as upright as possible with your back fully supported by the seatback.
- Ensure the seat belt is worn correctly (refer to the "Seat Belts" section for detailed instructions).

⚠WARNING

Never drive the vehicle until all passengers are correctly seated.

Passengers should never sit on folded seatbacks, in the luggage compartment, or on cargo. They must remain seated and avoid standing or moving between seats while the vehicle is in motion to reduce the risk of injury or death during emergency braking or a collision.

Do not place unevenly distributed or sharp objects, such as needles or nails, on the seats.

Do not modify or replace seats with side airbags or use seat covers, as this may interfere with the proper deployment of the side airbag system, increasing the risk of injury.

Seats

Improper seating position or incorrectly fastened seat belts pose a significant risk of injury during emergency braking or a collision.

When adjusting the seat, ensure your hands are clear of moving parts to avoid the risk of injury.

Avoid excessive reclining of the seatback. If you lean back too far, the lap belt may exert pressure on your abdomen, or the shoulder belt may contact your neck, increasing the risk of serious injury in the event of a collision.

Airbags deploy with immense force. Incorrect use of seat belts or abnormal seating postures may lead to head and neck injuries, particularly to vulnerable occupants. These injuries can be fatal, especially in children.

Never adjust the seat while the vehicle is in motion, as this could cause unexpected seat movement, leading to loss of control and personal injury.

Do not place objects under the seat, as they may obstruct electric seat adjustments, affect the locking mechanism, or unintentionally activate the seat position adjustment lever, causing sudden seat movement and loss of control.

⚠CAUTION

It is not recommended to add cushions to the seat surface. Incorrectly sized, shaped, or positioned cushions may cause the front seat belt reminder (SBR) to malfunction.

Front Seat

▼Front Seat Adjustment

Electric Seat



1. Seat Slide
   To move the seat forward or backward, press and hold the seat slide switch on the side of the seat. Release the switch at the desired position.
2. Front Edge Seat Height Adjustment (driver's seat only)
   To adjust the seat height, move the slide lifter switch up or down.
3. Height Adjustment for Front Edge of Seat Bottom (driver's seat only)
   To adjust the front edge of the seat bottom, raise or lower the front of the seat height switch.
4. Seat Recline
   To adjust the angle of the seatback, press the front or rear side of the recline switch. Release the switch at the desired position.
5. Lumbar Support Adjustment (–driver's seat only)
   To increase the lumbar support, press and hold the front part of the switch until the desired level is reached. To reduce the lumbar support, press the rear part of the switch.

Electric Seat Adjustment



Access the seat adjustment controls via the centre display by selecting "Vehicle Centre → Cabin Comfy → Seat Adjustment → Driver Seat /Front Passenger Seat". Touch the appropriate icon to adjust the seatback, seat height (for the driver's seat), seat position (for the driver's seat), and leg support (for the driver's seat).

▼Driving Position Memory

To access the driver's seat settings, navigate to the home screen and select "Vehicle Centre → Comfy Cabin → Seat Adjustment → Driver Seat Adjustment" on centre display.

Adjust the driver's seat to a comfortable position, then select "Save" under Driver Position. Once "Saved Successfully" appears, the position will be stored for the current user. Select "Save" outside Driver Position, the seat will automatically return to the seat position "Driver Position Save".

⚠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.

▼Easy Access for Front Seat

Enable or deactivate the Driver Easy Access function via the centre display: "Vehicle Centre → Comfy Cabin → Easy Access for Front Seat".

After configuration:

- When the vehicle is parked, the gear is in "P", the seat belt is unfastened, and the driver's door is opened, the driver's seat will automatically move to the courtesy position.
- When the driver's door is unlocked and opened, the seat will automatically adjust to the driving position once the driver is seated and the door is closed.

Rear Seat

▼Rear Seat

Lowering the rear seatbacks will increase the luggage compartment space.

⚠WARNING

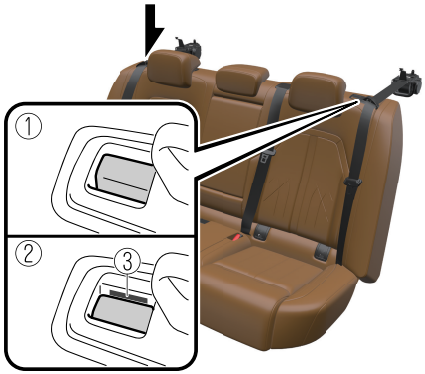
Never drive with occupants seated on folded-down seatbacks or in the luggage compartment.
It is dangerous to place occupants in the luggage compartment, as seat belts cannot be fastened. This could lead to serious injury or death in the event of sudden braking or a collision.

Never allow children to play inside the vehicle with the seatbacks lowered.
Allowing children to play in the vehicle with the seatbacks folded down is hazardous. If a child enters the luggage compartment and the seatbacks are raised, they could become trapped, leading to a potential accident.

Always secure cargo tightly in the luggage compartment when transporting it with the seatbacks folded down.
Driving without securing cargo properly is dangerous, as it may shift and obstruct driving during emergency braking or a collision, potentially causing an accident.

When transporting cargo, ensure it does not exceed the height of the seatbacks.
Stacking cargo higher than the seatbacks is hazardous, as it reduces visibility to the rear and sides of the vehicle, which could impair driving and lead to an accident.

Press the switch to fold the seatback down.



1. Locked position
2. Unlocked position
3. Red indication

⚠CAUTION

- When folding the seatback forward, always support the seatback with your hand. If not supported, fingers or the hand pressing the push knob may be injured.

- Before folding the rear seatback, check the position of the front seat. If the front seat is in the wrong position, it may prevent the rear seatback from folding fully, potentially damaging the front seat or its pocket. Lower or remove the head restraint from the rear outboard seat if necessary.

⚠WARNING

When returning the seatback to its upright position, ensure that the 3-point seat belt is not caught or twisted.
If the seat belt is twisted or caught in the seatback, it will not function properly, which could result in serious injury or death.

When returning the seatback to its upright position, ensure it is securely locked and the red indicator is not visible.
If the red indication is visible behind the push knob, the seatback is not locked. Driving without the seatback securely locked could cause it to fold down unexpectedly, leading to an accident.

Head Restraints

▼Head Restraints

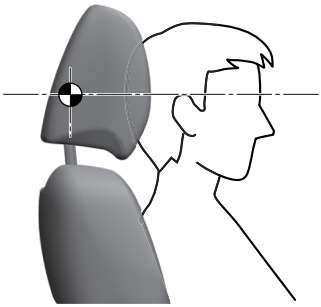
Your vehicle is equipped with head restraints on all outboard seats and the rear center seat. The head restraints are intended to help protect you and the passengers from neck injury.

⚠WARNING

Always drive with the head restraints installed when seats are being used and make sure they are properly adjusted:
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.

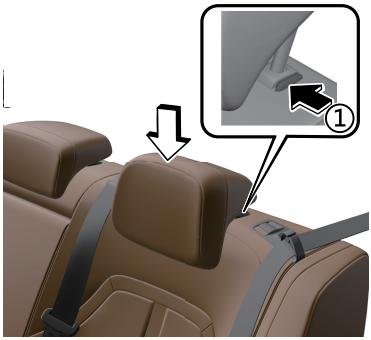
▼Height Adjustment

Adjust the head restraint so that the center 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.



Only the rear seat head restraint can be adjusted vertically. To lower or remove the head restraint, press release switch ① to unlock it. However, the lowest position of the head restraint is not its standard operational position and should not be used when there are passengers.

⚠WARNING

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.

⚠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.

Front Seat Ventilation/ Heated Front Seat

▼Front Seat Ventilation/Heated Front Seat



Access the control interface via the "AC Settings" icon on the centre display, or use the shortcut buttons located at the bottom of the screen to activate the front seat ventilation/heating function. The settings cycle through "Level 3", "Level 2", "Level 1", and "Off".

The front seat ventilation/heating function can also be activated via the Mobile APP, if equipped.

⚠WARNING

Caution when using the seat warmer:
There is a possibility of overheating or burns when using the seat heating function, and high caution should be maintained. Especially when used for a long time, please adjust the heating switch in real time according to the actual situation, especially for the following passengers who need to pay special attention:

- Infants, young children, the elderly, and individuals with physical disabilities
- Individuals with sensitive skin
- Individuals who are excessively fatigued
- Individuals under the influence of alcohol or drugs
- Individuals who have taken sedative medications, such as sleeping pills or cold medicine

Do not use the heated front seat in conjunction with items that have high heat retention, such as blankets or cushions:
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.

Do not place heavy objects with sharp projections on the seat, or insert needles or pins into it:
This may cause the seat to be heated excessively, leading to injury from a minor burn.

⚠CAUTION

Do not use organic solvents, such as benzene or petrol, to clean the seat. As it may damage both the seat surface and the heater.

Steering Wheel

▼Steering Wheel Adjustment

1. Pull the steering wheel adjustment lever downward to unlock the steering column locking mechanism;



2. Adjust the steering wheel to the desired position;
3. Push the steering wheel adjustment lever back to its original position to lock the steering wheel.

NOTE

- Before driving, shake the steering wheel up and down and back and forth to ensure it is fully locked.

WARNING

- Before driving, shake the steering wheel up and down and back and forth to ensure it is fully locked.

▼Steering Wheel Switches

1. : Increase cruise speed or resume the previously set cruise speed.
2. : 360° view monitor.
3. : Reduce cruise speed or press at a certain speed so that the vehicle travels at a fixed speed.
4. : Driving mode switch.
5. : Adjust cruise distance.
6. : Custom function switch 1 / switch 2.
7. : Increase volume.
8. : Short press – Decrease volume / Long press – Mute.
9. : Previous track / Hang up.
10. : Next track / Pick up.
11. : Play / Pause.
12. : Toggle driving information display on the instrument cluster.
13. : Voice recognition.

▼Heated Steering Wheel

Activate the heated steering wheel by selecting the corresponding function in the control centre on the main display.

⚠WARNING

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

- Infants, young children, elderly persons, and those with reduced physical capabilities;
- Persons under the influence of alcohol;
- Individuals who are excessively fatigued;
- Individuals under the influence of alcohol or drugs;
- Individuals who have taken sedative medications, such as sleeping pills or cold medicine.

Seat Belt Precautions

▼Seat Belt Precautions

Seat belts significantly reduce the risk of severe injury during accidents and emergency braking. Mazda recommends that the driver and all passengers always wear seat belts. All the seats have lap/shoulder belts.

Seat belts featuring inertia lock retractors can be fully retracted when not in use. This locking mechanism ensures comfort for the user but will automatically engage during a collision.

⚠WARNING

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 Authorized Mazda Dealer inspect the seat belt system after any accident before further use.

Replace your seat belts immediately if the pretensioners have deployed:
Always have an Authorised Mazda Dealer inspect the seat belt pretensioners and airbags immediately after any collision. Like the airbags, the seat belt pretensioners will only function once and must be replaced after any collision that caused them to deploy. If the seat belt pretensioners 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.

Never use a front seat belt while seated in a rear seat:
Never use a front seat belt while seated in a rear seat. The seat belt will not function as effectively in a collision or during sudden braking, which could result in serious injury or death. In addition, this way of using the seat belt may damage the rear seat belt buckles.

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.

Instructions for using seat belt assembly:
Seat belts are designed to rest on the body's bony structure and should be worn low across the pelvis or across the pelvis, chest, and shoulders, as appropriate. Avoid wearing the lap section of the belt across the abdomen.

Seat belts should be adjusted as tightly as comfortably possible to ensure the protection they are designed to provide. A loose belt significantly reduces the protection offered.

Be careful to avoid contaminating seat belts with polishing agents, oil, and chemicals, especially 12 V battery fluid. It can be safely cleaned using mild soapy water. If the seat belt is worn, contaminated, or damaged, it should be replaced.

It is crucial to replace the entire seat belt assembly after it has been involved in a severe impact, even if no visible damage is evident.

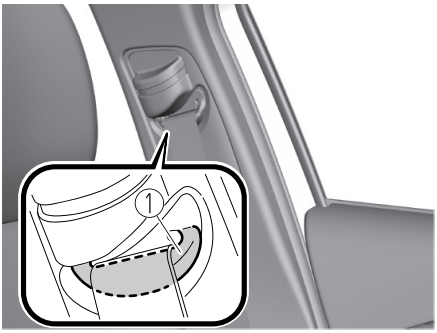
Seat belts should never be worn with twisted straps.

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.

⚠CAUTION

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".



1. Ring

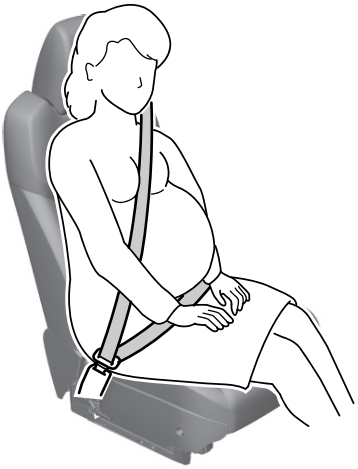
▼Pregnant Women and Persons with Serious Medical Conditions

Pregnant women must always fasten seat belts. It is essential to fasten them as per the guidance of their healthcare provider.

The lap belt should be positioned comfortably across the hips, as low as possible.

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

Individuals with serious medical conditions must also fasten seat belts. It is advisable to consult your healthcare provider for personalised recommendations based on your medical condition.



▼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 Belts

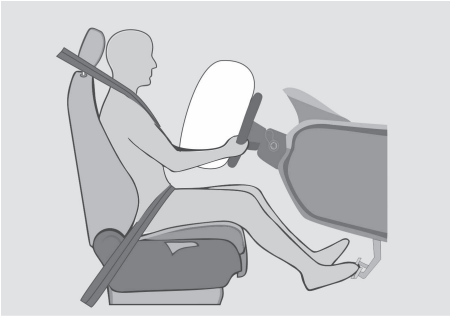
▼Seat Belts

When a vehicle is involved in a collision or experiences emergency braking, significant inertial forces are generated. Seat belts are the most fundamental and effective safety devices.

Seat belts secure occupants in their seats, effectively preventing them from striking interior components and absorbing substantial amounts of kinetic energy, thereby reducing the severity of injuries.

Fastening a seat belt correctly is also a critical prerequisite for the airbag to function effectively.

If occupants do not fasten seat belts correctly or are seated in improper positions, the significant force generated by airbag deployment may cause injury to vulnerable body parts, such as the head and neck.



To maximize the protective effectiveness of seat belts, we recommend the following before driving:

- Fasten seat belts correctly;
- Adjust the seat to ensure the correct sitting posture.

⚠WARNING

Regularly inspect all seat belt components and replace any that are damaged or malfunctioning.

A seat belt is designed for use by one occupant only.

After an accident, seat belts that have been deployed or stretched must be replaced. Modifying or dismantling seat belts in any manner is strictly prohibited. If repair or replacement is needed, please consult an expert repairer (we recommend an Authorized Mazda Repairer) for inspection and replacement.

Note

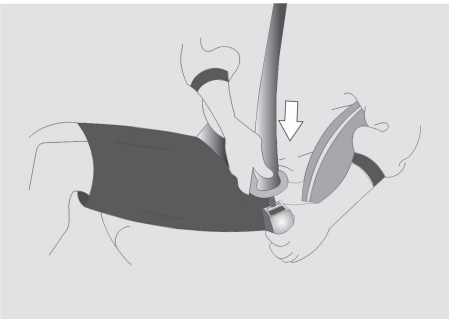
- Seat belts should not be twisted or pinched when worn.
- Seat belts should not come into contact with sharp or fragile objects while being worn.
- Loose clothing (such as a large coat over casual fasten) can interfere with the proper functioning of the seat belt.
- Seat belts must be kept clean, as dirt can interfere with the functioning of the automatic retractor.
- The buckle should not be obstructed by paper or similar objects, as this can prevent the tongue and buckle from engaging correctly.

▼Fastening Seat Belts

The three-point lap belt must be fastened across the hips and positioned as low as possible, not around the waist; the shoulder belt should be worn diagonally across the chest, never under the arm.

Fastening the Seat Belt

1. Pull the seat belt tongue outwards, extending the belt smoothly.
2. Position the shoulder belt over your shoulder and the lap belt across your hips.
3. Ensure that the waist / shoulder seat belt is not twisted and insert the tongue into the buckle until you hear a "click", ensuring the seat belt is securely fastened.

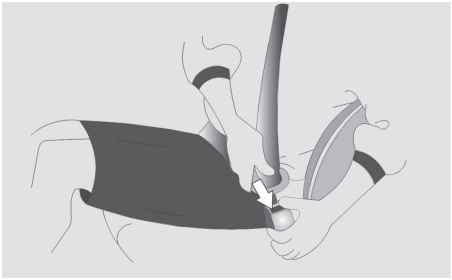


Note

- 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

Press the red switch on the latch. 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 the seat belt cannot be fully retracted, check for any knots or twists. If the seat belt still cannot retract properly, please consult an expert repairer (we recommend an Authorised Mazda Repairer) for inspection.

Children Fasten Seat Belts

The seat belts in this vehicle are designed for adults. Children aged 12 and under should use child restraint systems that comply with national safety standards (see the "Child Safety" section). If a child has outgrown child restraint systems, they should always sit in the rear seat and use an appropriate seat belt.

Pregnant Women Fasten Seat Belts

Position the lap belt comfortably across the hips.

Position the shoulder belt across the chest, from above the chest to the side of the pregnant woman's abdomen.

⚠WARNING

- To ensure the safety of both the mother and foetus, please fasten the seat belt correctly.
- Consult a doctor for specific advice before fasten the seat belt.

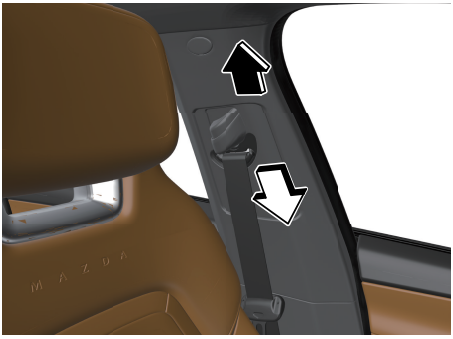
Injured Persons Fasten Seat Belts

For injured individuals fasten seat belts, please follow medical advice. It is recommended to use seat belts according to the actual condition.

▼Front Shoulder Belt Adjuster

Upper Anchor Adjustment

Press and hold the height adjuster switch to adjust the upper anchor of the seat belt up and down. There are three positions from top to bottom, allowing you to adjust to a more comfortable position based on your height, seat position, and posture.



WARNING

The driver is prohibited from adjusting the seat belt while the vehicle is in motion.

Seat Belt Warning Systems

▼Seat Belt Warning Systems

The seat belt warning light on the instrument panel reminds both the driver and the front passenger to fasten their seat belts:



If the driver or front passenger has not fastened their seat belt, the seat belt warning light will illuminate.

If the driver has not fastened their seat belt while the vehicle is in motion, the warning light will illuminate and an audible warning will sound. After approximately 2 minutes, the audible warning will cease, but the warning light will remain illuminated.

Rear seat belt reminder: The rear seat belt warning light on the instrument panel reminds rear passengers to fasten their seat belts.



When the vehicle starts, if a rear seat belt is unfastened, the light will illuminate. An audible warning will sound when the vehicle speed exceeds 10 km/h (6.2 mph). After approximately 35 seconds, the audible warning will stop, but the warning light will remain illuminated.

When the vehicle starts and the rear passengers unfasten their seat belts, the corresponding seat belt warning light will illuminate. An audible warning will sound when the vehicle speed exceeds 10 km/h (6.2 mph). After approximately 35 seconds, the audible warning will stop, but the warning light will remain illuminated.

The rear seat belt unfastened reminder function can be deactivated via the "Vehicle Centre → Safety → Rear Seat Belt Unfastened" interface. However, it is recommended to leave this function active when there are rear passengers. (Note that the seat belt reminder cannot be deactivated while driving.)

Note

If the seat belt reminder does not function as described above, it may indicate a malfunction. Please consult a qualified technician (we recommend an Authorized Mazda Repairer) to inspect the vehicle.

Seat Belt Pretensioner

▼Seatbelt Pretensioner

Seatbelt Pretensioner

The front seat belts are equipped with pretensioners, which activate even if the front seats are unoccupied. In the event of a sufficiently intense frontal collision, the pretensioners will activate, causing the seatbelt webbing to automatically retract.

This ensures that the seat belt securely restrains the front passenger's body, offering optimal protection.

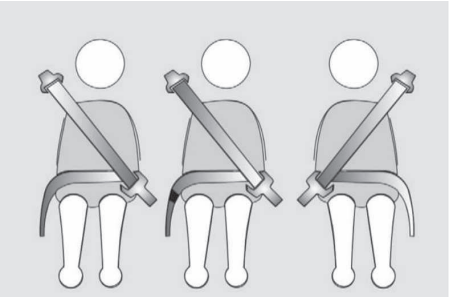
When the seatbelt pretensioners activate, a loud noise may be heard, and smoke and dust may be emitted. This is normal operation and is not toxic, although it may cause skin irritation or difficulty in breathing. Ensure proper ventilation and wash any exposed skin thoroughly.

⚠WARNING

- After the pretensioners have been activated, or when the vehicle has been in use for ten years, contact an expert repairer (we recommend an Authorized Mazda Repairer) to inspect the vehicle and replace the seat belts.
- For any maintenance or inspection of the pretensioners, please consult an expert repairer (we recommend an Authorized Mazda Repairer).
- Modifying or removing the airbag system, striking the airbag controller and sensors, or damaging the airbag control wiring is prohibited. This may cause the pretensioners to activate suddenly or lose their functionality.
- Modifying, removing, striking, or opening the pretensioner components, or disassembling or damaging the wiring, is prohibited. This may cause the pretensioners to activate suddenly or lose their functionality.

▼Rear Seat Belts

The rear seat belts are three-point harnesses. The corresponding buckles are positioned at an angle on the rear seat cushions. To use the seat belt, insert the tongue into the corresponding buckle. Both left and right rear seat belts are equipped with pretensioners.



Rear Seat Belt Pretensioners

Both left and right rear seat belts are fitted with pretensioners, which are functional even when the seats are unoccupied.

In the event of a sufficiently strong frontal collision, the pretensioner activates and retracts the seat belt webbing, ensuring the seat belt securely holds the occupant and provides maximum protection.

When the seatbelt pretensioners activate, a loud noise may be heard, and smoke and dust may be emitted. This is normal operation and is not toxic, although it may cause skin irritation or difficulty in breathing. Ensure proper ventilation and wash any exposed skin thoroughly.

Pretensioners:

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

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

⚠WARNING

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.

Replace your seat belts immediately if the pretensioners have deployed:
Always have an Authorised Mazda Dealer inspect the seat belt pretensioners and airbags immediately after any collision. Like the airbags, the seat belt pretensioners will only function once and must be replaced after any collision that caused them to deploy. If the seat belt pretensioners 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.

Please have professional technicians (we recommend an Authorised Mazda Repairer) safely handle the pretensioner system

Note

- The pretensioner system may not operate depending on the type of the collision.
- Some smoke (non-toxic gas) will be released when the airbags 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 airbags or the pretensioner system gets on the skin or in the eyes, wash it off as soon as possible.

Child restraint Precautions

▼Child restraint Precautions

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

Mazda recommends using a genuine Mazda child restraint system, or one that complies with UN-R *144 or UN-R 129 regulations.If you wish to purchase, please contact an expert repairer (we recommend an Authorised Mazda Repairer).

Please refer to local and regional regulations for specific requirements regarding child passenger safety 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.

Children who have outgrown their child restraint systems should sit in the rear of the vehicle and use seat belts.

Statistics confirm that the rear seat is the best place for all children up to 12 years of age, and more so with a supplemental restraint system (airbags).

Child restraint systems can be installed on both the front passenger seat and the rear seat.

A rear-facing child restraint system must NEVER be used on the front passenger seat unless the front passenger airbag deactivation switch is set to OFF.

Once a child restraint system is installed on the front passenger seat, do not adjust the seat position.

On certain models, a deactivation switch is available to disable the front passenger airbag. Do not deactivate the airbag without first reading the "Front Passenger Airbag Deactivation Switch" section.

⚠WARNING

Always use a child restraint system appropriate for the child's size:
To ensure effective protection during accidents or sudden stops, a child must be properly restrained with either a seat belt or a child restraint system,

depending on age and size. Failure to do so could result in serious injury or even death in a collision.

Adhere to the manufacturer's instructions and ensure the child restraint system is always securely fastened:
An unsecured child restraint system poses a serious danger. In a sudden stop or collision, it could shift and cause severe injury or death to the child or other occupants. Always secure the child restraint system according to the manufacturer's instructions. When not in use, remove it from the vehicle or fasten it with a seat belt, or latch it to BOTH ISOFIX anchors and attach the corresponding tether anchor.

Always properly secure a child in an appropriate child restraint system:
Holding a child in your arms while the vehicle is in motion is extremely hazardous. No matter how strong you are, you cannot hold onto a child during a sudden stop or collision, and this could result in serious injury or death to the child or other occupants. Even in a moderate collision, airbag deployment forces could seriously harm the child or cause the child to be thrown into an adult, injuring both.

Extreme Hazard! Never use a rear-facing child restraint on the front passenger seat with an active airbag (if necessary, the front passenger airbag must be disabled using the vehicle's software switch) :
NEVER use a rear-facing child restraint on a seat protected by a front airbag unless the front passenger airbag deactivation switch is set to OFF! Vehicles equipped with a front passenger airbag carry the following warning label.



Even in a moderate impact, a deploying airbag may strike the rear-facing child restraint and propel it violently backward, potentially causing serious injury or death. If you must use a rear-facing child restraint, always set the front passenger airbag deactivation switch to OFF .



Do not install a forward-facing child restraint on the front passenger seat unless there is no alternative:
During a collision, the force of an inflating airbag could seriously injure or kill the child. If it is unavoidable to install a forwardfacing child restraint on the front passenger seat, move the seat as far back as possible. (If required, the front passenger airbag must be disabled via the vehicle's software switch.)



Do not allow a child or any occupant to lean towards or against the side window in a vehicle equipped with side and curtain airbags:
Permitting anyone to lean against the side window, the area around the front passenger seat, or the front and rear window pillars and the roof edge along both sides where the side and curtain airbags deploy is dangerous. Even when a child restraint system is in use. Inflation of side or curtain airbags may cause serious injury or death to children. Additionally, leaning against the door could obstruct the side and curtain airbags, negating their supplemental protection. Because the front seats are equipped with front airbags, seating children in the rear seat is always safer. Ensure a child does not lean against the side window, even when 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 seat belt on more than one person at a time. Always operate the vehicle with each occupant properly restrained. Use the vehicle only after ensuring every occupant is properly restrained.

Use the tether and tether anchor only for a child restraint system:
Child restraint system anchorages are designed solely to handle the loads imposed by correctly installed child restraint systems. Under no circumstances, they should be used for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.

Always remove the head restraint before installing a child restraint system (except when fitting 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.

⚠CAUTION

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 anchor points for securing ISOFIX-compatible child restraint systems on the rear seats and the front passenger seat.
- Children weighing up to 18 kg (40 lb) (approximately 3 years of age) should ride in a recommended rear-facing child restraint system and in an upright position.

▼Proper Child Seating



Children under the age of 12 or shorter than 150 cm (5 ft) must only sit in the rear seats and use child restraint systems.

If children exceed the size limit for child restraint systems and are over the age of 3, they must be secured using the vehicle's seat belts.

Never leave children unattended in the vehicle, as they could:

- Open doors, putting themselves and other road users in danger;
- Leave the car and disrupt traffic, or harm themselves;
- Operate vehicle controls, potentially causing accidents or injury.

Additionally, a closed vehicle can become dangerously hot, leading to serious injury or even death if children are unable to escape in time. Children are also at risk of harm from intruders entering the vehicle.



⚠WARNING

- Never leave children unattended in the vehicle.
- Infants must never be held or sit on the lap of any occupant while the vehicle is moving.
- Infants should not be secured by a single seat belt.A single seat belt should not be used by more than one child at the same time.
- Check seat belts regularly, as children's movements may cause the belt to shift from its proper position.

Child restraint systems
Please use child restraint systems that comply with national safety standards.

When selecting and purchasing suitable child restraint systems, ensure they are appropriate for the child's height, age, and weight.

Please strictly follow the manufacturer's instructions for installing and using child restraint systems.

Never install a rear-facing child restraint system on the front passenger seat if it is protected by an airbag (if necessary, deactivate the front passenger airbag via the vehicle's software switch) .



⚠WARNING

- When the front passenger airbag deactivation switch is not set to OFF, child restraint systems must only be installed on the outer rear seats. Installing child restraint systems on the front passenger seat is strictly prohibited.
- The rear seatback must be locked before installing child restraint systems.
- After installing the child restraint system, shake it back and forth, and side to side, to check that it is securely fixed. The movement of the system should not exceed 25 mm (1 in).
- Confirm that the child restraint system is securely fixed before each use.
- For child restraint systems fixed with three-point seat belts, ensure the seat belt passes through the child restraint system without twisting, and insert the tongue into the buckle.

⚠WARNING

- Never place cushions or other objects under or behind the child restraint system.
- If the child restraint system is exposed to direct sunlight, the temperature of the seat belts and system may rise, potentially causing burns to infants. Always check the temperature of the seat cover and buckles before use.
- When not using the child restraint system, secure it with the child restraint system anchor points or seat belts, or remove it from the vehicle.

- If the safety protection system or its mounting has been damaged or subjected to load in an accident, please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

WARNING

- Child seats appropriate for the child's size and weight must be used.
- The ISOFIX anchors in the seat are only for ISOFIX child seats.
- Do not attach tether straps, non-ISOFIX child seats, or any other items to the ISOFIX anchors.

child restraint System Installation

▼Categories of child restraint Systems

Note

When purchasing, consult the manufacturer of the child restraint system to determine which type is suitable for your child and vehicle.

(European countries and those adhering to UN-R 44 and UN-R 129 regulations)

Child restraint systems are classified into five groups according to the UN-R 44 and UN-R 129 regulations.

Group	Age	Weight	Size Classification/ Fixture (CRF)
0	Up to about 9 months old	Up to 10 kg (up to 22 lb)	ISO/L1
			ISO/L2
			ISO/R1
0+	Up to about 2 years old	Up to 13 kg (up to 29 lb)	ISO/R1
			ISO/R2
			ISO/R3
1	About 8 months to 4 years old	9 kg - 18 kg (20 lb - 40 lb)	ISO/R2
			ISO/R3
			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)	-

Please ensure compliance with the legal requirements regarding the use of child restraint systems in your country.

Child Restraint

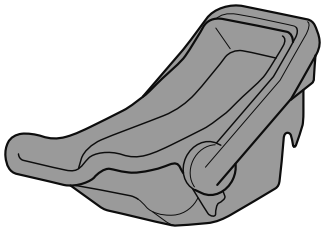
Note

- Installation position is determined by the type of child restraint system. Always refer to the manufacturer's instructions and this 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.

▼child restraint System Types

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

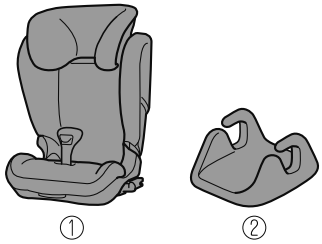
Baby seat
Equal to Group 0 and 0+ of the UN-R 44 and UN-R 129 regulation.



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



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



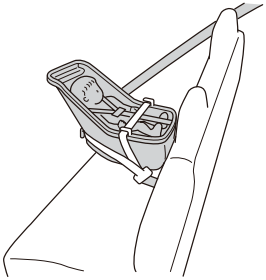
1. Full booster seat
2. Backless booster seat

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

Please ensure compliance with the legal requirements regarding the use of child restraint systems in your country.

▼Baby Seat Installation Position

A baby seat must only be installed in a rear-facing position.

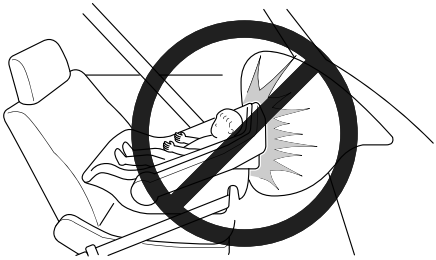


WARNING

Always ensure the baby seat is installed in the correct seating position:

Installing a baby seat without first consulting the "Child restraint System Suitability for Various Seat Positions" table is hazardous. A baby seat installed in the wrong seat position cannot be securely fastened. In the event of a collision, the child may collide with objects or passengers inside the vehicle, resulting in serious injury or even fatality.

Never install a rear-facing child restraint system in a front passenger seat with an active airbag (if unavoidable, disable the front passenger airbag via the vehicle's software switch) :



Never use a rear-facing child restraint on a seat protected by a front airbag unless the front passenger airbag deactivation switch is set to OFF! The child restraint system may be struck by the deploying airbag, causing it to be displaced.

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.

A child in the child restraint system may suffer serious injury or fatality.

If your vehicle is equipped with a front passenger airbag deactivation switch, ensure it is set to the OFF position when installing a rear-facing child restraint system on the front passenger seat, if absolutely necessary.

▼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.

Rear-facing type

⚠WARNING

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

Installing a rear-facing child seat without first consulting the "child restraint System Suitability for Various Seat Positions" table is hazardous. A rear-facing child seat installed on the wrong seat position cannot be properly secured. In the event of a collision, the child may collide with objects or passengers inside the vehicle, resulting in serious injury or even fatality.

Never use a rear-facing child restraint system on the front airbag-protected seat without the front passenger airbag deactivation switch set to OFF:

The child restraint system may be struck by the deploying airbag, causing it to be displaced. A child in the child restraint system may suffer serious injury or fatality.

If your vehicle is equipped with a front passenger airbag deactivation switch, ensure it is set to the OFF position when installing a rear-facing child restraint system on the front passenger seat, if absolutely necessary.



Front-facing type

⚠WARNING

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

Installing a front-facing child seat without first consulting the "Child Restraint System Suitability for Various Seat Positions" table is hazardous. A front-facing child seat installed on the wrong seat position cannot be properly secured. In the event of a collision, the child may collide with objects or passengers inside the vehicle, resulting in serious injury or even fatality.



Do not install a front-facing child restraint system on the front passenger seat unless the front passenger airbag deactivation switch is set to OFF:

In a collision, the force of a deploying airbag 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 (if necessary, the front passenger airbag must be disabled through the vehicle's software switch). Ensure the child restraint system is securely tightened.

▼Junior Seat Installation Position

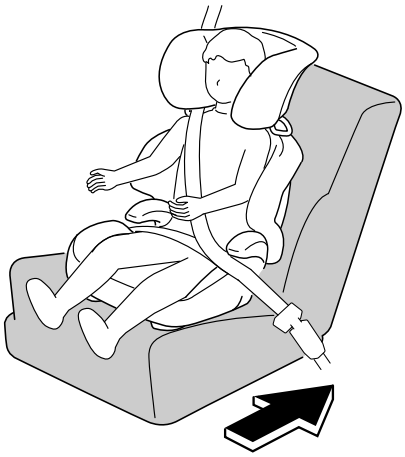
A junior seat is used in the front-facing position only. We recommend the use of the junior seat with seatback to allow simple adjustment of the shoulder belt position and to give your child the best protection.



WARNING

Always install a junior seat in the correct seat position:

Installing a junior seat without first consulting the "child restraint system Suitability for Various Seat Positions" table is hazardous. A junior seat installed on the wrong seat position cannot be properly secured. In the event of a collision, the child may collide with objects or passengers inside the vehicle, resulting in serious injury or even fatality.



Never install a rear-facing child restraint system in a front passenger seat with an active airbag (if unavoidable, disable the front passenger airbag via the vehicle's software switch) :

In a collision, the force of a deploying airbag 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 (if necessary, the front passenger airbag must be disabled through the vehicle's software switch).

Child restraint System Suitability for Various Seat Positions Table

▼Child restraint System Suitability for Various Seat Positions Table (Europe and countries conforming to the UN-R16 regulation)

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 backless booster seat, always install the vehicle head restraint to the seat where the backless booster seat is installed. In addition, always use a tether strap and attach it securely.
- 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 (height adjustable seat bottom) to the highest position so that the seat belt can securely fasten the child restraint system.
- 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 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.
- When installing a child restraint system equipped with a tether, remove the head restraint.
- 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.

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

Seating position	Passenger				Rear (Left)	Rear (Centre)	Rear (Right)
	Airbag activated		Airbag deactivated				
	Europe	Other countries	Europe	Other countries			
Seating position suitable for universal belted(Yes/No)	Yes*1	Yes*1	Yes (U)	Yes (U)	Yes (U)	Yes (U)	Yes (U)
i-Size seating position (Yes/No)	Yes*1	No	Yes	No	Yes (i-U)	No	Yes (i-U)
Largest suitable rearward facing fixture (R1)	No	No	Yes	No	Yes (IL)	No	Yes (IL)
Largest suitable rearward facing fixture (R2)	No	No	Yes	No	Yes (IL)	No	Yes (IL)
Largest suitable rearward facing fixture (R2X)	No	No	No	No	Yes (IL)	No	Yes (IL)
Largest suitable rearward facing fixture (R3)	No	No	No	No	Yes (IL)	No	Yes (IL)
Largest suitable forward facing fixture(F2)	Yes	No	Yes	No	Yes (IUF)	No	Yes (IUF)
Largest suitable forward facing fixture(F2X)	Yes	No	Yes	No	Yes (IUF)	No	Yes (IUF)
Largest suitable forward facing fixture(F3)	Yes	No	Yes	No	Yes (IUF)	No	Yes (IUF)
Largest suitable lateral facing fixture (L1)	No	No	No	No	No	No	No

Child Restraint

Seating position	Passenger				Rear (Left)	Rear (Centre)	Rear (Right)
	Airbag activated		Airbag deactivated				
	Europe	Other countries	Europe	Other countries			
Largest suitable lateral facing fixture (L2)	No	No	No	No	No	No	No
Largest suitable booster fixture (B2)	No	No	Yes	No	Yes (IUF)	Yes (U)	Yes (IUF)
Largest suitable booster fixture (B3)	No	No	No	No	Yes (IUF)	No	Yes (IUF)
Non i-size compatible with a support leg (Yes/No)	Yes *1	No	Yes	No	Yes	No	Yes
Lower ISOFIX anchorages but without Top Tether (Yes/No)	No	No	No	No	No	No	No

Chart Symbols:

U = Suitable for "universal" category restraints approved for use in this mass group;

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

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.

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.*2

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: child restraint system can only be installed in the forward-facing position.

*2: A Mazda genuine child restraint system can be installed.

(Other countries)

- Regarding child restraint systems which can be installed to your Mazda, consult an expert repairer (we recommend an Authorised Mazda Repairer).
- 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.
- For the CRS which do not carry the ISO/XX size class identification (A to G), for the applicable mass group, the child seat manufacturer shall indicate the vehicle specific ISOFIX child restraint systems recommended for each position.

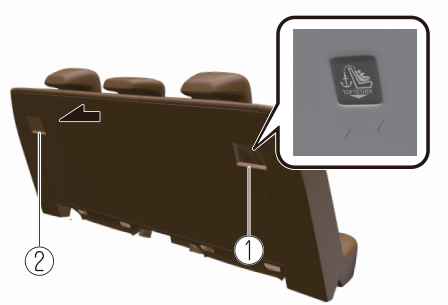
Installing child restraint Systems

▼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.



1. Right
2. Left

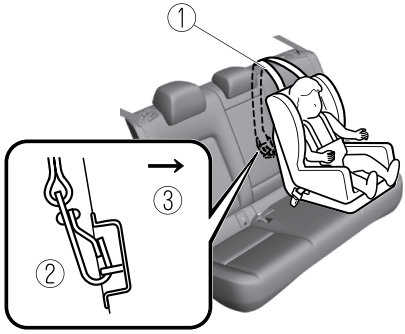
⚠WARNING

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.

Always remove the head restraint before installing a child restraint system (except when fitting 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.



1. Tether strap
2. Anchor bracket
3. Forward

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.

▼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.

▼Using ISOFIX Anchor

⚠WARNING

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 the child restraint system is properly secured in place according to the child restraint system 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 ensure 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, ensure there are no seat belts or foreign objects near or around the ISOFIX anchors. Always follow the child restraint system manufacturer's instructions.

1. First, adjust the front seat to allow clearance between the child restraint system and the front seat. If the rear seats are tilted, return them to an upright position.
2. Ensure the seatback is securely latched by pushing it back until it is fully locked.
3. Remove the cover of the child restraint system's ISOFIX anchors to verify the locations of the ISOFIX anchors.



1. ISOFIX anchor

Note

- The ISOFIX anchors marking on the cover indicates the position of the ISOFIX anchors for the attachment of a child restraint system.
- Store the removed cover so that it does not get lost.

4. 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.
5. Secure the child restraint system using the ISOFIX anchor, following the child restraint system manufacturer's instruction.
6. If your child restraint system came equipped with a tether, that 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.

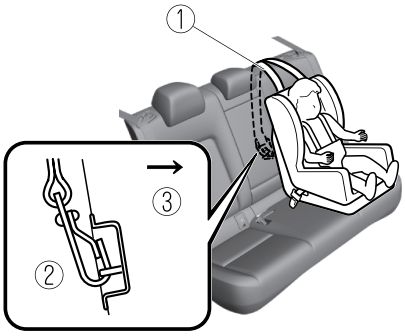
⚠WARNING

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.

Always remove the head restraint and set the tether strap (except when installing a booster seat):

Routing the tether strap on top of the head restraint is dangerous. In a collision the tether strap could slide off the head restraint and loosen the child restraint system. The child restraint system could move which may result in death or injury to the child.



1. Tether strap
2. Anchor bracket
3. Forward

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.

Secondary Collision Reduction (SCR)

▼Secondary Collision Reduction (SCR)

Secondary Collision Reduction (SCR) comes standard on MAZDA 6e. In certain types of collisions, the vehicle's brakes are applied to help prevent or mitigate a secondary collision. To help avoid or mitigate a secondary collision, the brakes are applied automatically to help brake the vehicle to stop. The brake lights and hazard warning flashers will be activated and the flashers will remain on after the vehicle has come to a standstill. The electrical parking brake will then be applied automatically. In a situation where stopping the vehicle may not be desirable, you can override this operation by pressing the accelerator pedal. This feature can only operate when the braking system is sufficiently intact after the collision.

Supplementary Restraint System (SRS) Precautions

▼Supplementary Restraint System (SRS) Precautions

The front and side supplemental restraint systems (SRS) include different types of airbags. Please verify the various types of airbags fitted in your vehicle by checking the "SRS AIRBAG" location indicators. These indicators are visible in the area where the airbags are installed.

The airbags are installed in the following locations:

- The steering wheel hub (driver airbag)
- The left side of the driver's seat (driver's far-side airbag)
- The front passenger instrument panel (front passenger airbag)
- The outer sides of the front seat backs (side airbag)
- The front and rear window pillars, and the roof edge along both sides (curtain airbags)
- The rear seats (rear curtain airbags)

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

Without seat belt usage, the airbags cannot provide adequate protection during an accident. Using seat belts is essential to:

- Keep the occupant from being thrown into an inflating airbag.
- Reduce the possibility of injuries during an accident that is not designed for airbag 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 airbags.
- Reduce the possibility of being thrown from your vehicle.
- Reduce the possibility of injuries to lower body and legs during an accident because the airbags provide no protection to these parts of the body.
- Hold the driver in a position which allows better control of the vehicle.

A child who is too small to be secured by a seat belt must be properly restrained using an appropriate child restraint system.

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

WARNING

Seat belts must be worn in airbag equipped vehicles:
Depending only on the airbags for protection during an accident is dangerous. Alone, airbags may not prevent serious injuries. The appropriate airbags 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 airbag and be seriously injured or even killed. A sleeping child is more likely to lean against the door and be hit by the side airbag 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 airbag that could deploy (if necessary, the front passenger airbag must be disabled through the vehicle's software switch) .
Never use a rear-facing child restraint in a seat protected by an ACTIVE AIRBAG in front of it, as it may result in DEATH or SERIOUS INJURY to the CHILD.
Even in a moderate collision, the child restraint system can be hit by a deploying airbag and moved violently backward resulting in serious injury or death to the child.
When using a rear-facing child restraint system, always set the front passenger airbag deactivation switch to the OFF position.



Do not sit too close to the driver and front passenger airbags:
Sitting too close to the driver and front passenger airbag modules or placing hands or feet on them is

extremely dangerous. The driver and front passenger airbags 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 center of the seat and wear seat belts properly:
Sitting too close to the side airbag modules or placing hands on them, or sleeping up against the door or hanging out the windows is extremely dangerous. The side and curtain airbags 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 airbags room to work by sitting in the center of the seat while the vehicle is moving with seat belts worn properly.

Do not attach objects on or around the area where airbags deploy:
Attaching objects to the airbags or placing something in the area where the airbags deploy is dangerous. In an accident, an object could interfere with airbag inflation and injure the occupants. Furthermore, the airbag could be damaged causing gases to release. Always keep the deployment area of the airbag modules free of any obstructions. For example, you should not do any of the following as it may interfere with airbag 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 airbag.
- Do not use seat covers on the front seats and rear seats equipped with in-seat side airbags.
- Do not hang any backpacks, bags or pouches that cover the sides of the seats that block the side airbags.
- Do not place any objects on the assist grips. Only hang clothes directly on the coat hooks.

Do not touch the components of the supplemental restraint system after the airbags have inflated:
Touching the components of the supplemental restraint system after the airbags 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 a frontal protection bar (kangaroo bar, bull bar, push bar, or other similar devices), snowplough, or winches, on your vehicle is dangerous. The airbag crash sensor system could be affected. This could cause airbags to inflate unexpectedly, or it could prevent the airbags 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, resulting in incorrect or unexpected airbag deployment and the possibility of serious injuries.

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 supplemental 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 airbags and the seat belt pretensioner may not operate normally which could result in serious injury to occupants.

Do not modify the supplemental restraint system:
Modifying the components or wiring of the supplemental restraint system is dangerous. You could accidentally activate it or make it inoperable. Do not make any modifications to the supplemental restraint system. This includes installing trim, badges, or anything else over the airbag 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 airbag wiring and connections. Ensure that the airbags do not accidentally deploy, and that the driver seat slide position sensor is not damaged and the seats retain an undamaged airbag 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 supplemental restraint system could be damaged, and in the event of a side collision, the appropriate airbags may not deploy, which could result in death or serious injury. To prevent damage to the components essential to the supplemental restraint system, do not place luggage or other objects under the front seats.

Do not operate a vehicle with damaged airbag/seat belt pretensioner system components:
Expended or damaged airbag/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 airbag 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 airbag parts:
Removing any components such as the front/rear seats, front instrument panel, the steering wheel or parts on the front and rear window pillars and along the roof edge, containing airbag parts or sensors is dangerous. These parts contain essential airbag components. The airbag 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 airbag system:
Improper disposal of an airbag or a vehicle with live airbags 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 airbag system or scrap an airbag equipped vehicle.

CAUTION

- When an airbag 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 airbags may cause light skin injuries on body parts not covered with clothing through friction.

- If you sell your Mazda, we urge you to inform the new owner of its airbag systems and that familiarising themselves with all instructions relating to them, from the Owner's Manual, is important.
- This highly-visible label is displayed which warns against the use of a rear-facing child restraint system on the front passenger seat.



- This prominent sign is a WARNING: Do not lean against the door to avoid death or serious injury from the side airbag deployment.



Front Passenger Airbag Deactivation Switch

▼Front Passenger Airbag Deactivation Switch

⚠WARNING

Avoid deactivating the front passenger airbag unless absolutely necessary:
Unwarranted deactivation of the front passenger airbag can be hazardous. If deactivated unnecessarily, the front passenger will forgo the additional protection provided by the airbag. Serious injury or even fatality may result. Except when installing a child restraint system on the front passenger seat, do not switch the airbag deactivation to the OFF position.

To access the front passenger airbag deactivation icon, navigate to "Vehicle Centre → Safety" on the centre display.



Before installing a child restraint system on the front passenger seat, first deactivate the front passenger airbag by pressing the airbag deactivation icon.

When the power is switched on, after the screen finishes initialisation, there is no communication failure, and the soft switch of the front passenger airbag appears is not greyed out, indicating it is operable.

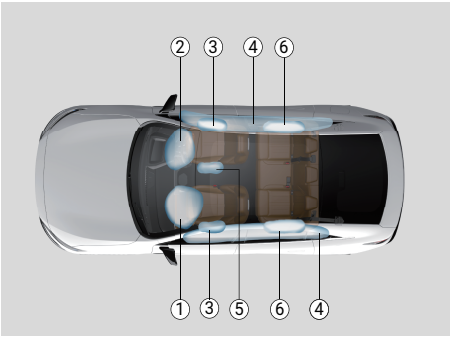
CAUTION

If any of the following conditions arise, have the front passenger airbag deactivation switch inspected by a qualified technician (we recommend an authorised Mazda repairer):

- When the power is switched on and the screen finishes initialisation, the front passenger airbag deactivation icon appears greyed out and unlit, indicating it is inoperable. A pop-up window also appears with a prompt.

Supplementary Restraint System Components

▼Supplementary Restraint System Components



1. Front Passenger Airbag
2. Driver Airbag
3. Side Airbag
4. Side Curtain Airbag
5. Driver Far-Side Airbag
6. Rear Curtain Airbag

How the SRS Airbags Work

▼How the SRS Airbags Work

The airbag (AIRBAG) is part of the Supplemental Restraint System (SRS).

The airbag system is merely a supplementary protection device for seat belts and cannot replace them. Seat belts must always be fastened, the seat position adjusted, and proper posture maintained while driving.

In the event of a severe collision, the airbag deploys between the occupants and the interior components, forming a cushion that reduces injuries to the occupants.

⚠WARNING

- The airbag is specifically calibrated for your vehicle model and cannot be arbitrarily replaced, as this may cause the system to malfunction.
- The entire airbag system must be replaced 10 years after the airbags deploy or the vehicle is put into service to ensure the system functions properly.
- Do not dismantle, modify, or damage the airbag and its related components, as these actions may cause the airbag system to malfunction. This could result in the system failing to provide the expected protection in an accident or deploying unexpectedly, potentially causing severe injuries or fatalities!
- If the airbag system malfunctions, contact professional service personnel (we recommend an Authorised Mazda Repairer) to inspect the vehicle to avoid accidental injury!

⚠WARNING

- Airbag labels are present in all areas of the vehicle where airbags are installed. Do not place or attach any objects in the airbag areas.
- There should be no other people, pets, or objects between the person and the airbag.
- Do not smoke while driving (– there is a risk of burns when the airbag deploys).
- Children 12 years old and under should sit in the rear seats and use child restraint devices.

▼System Overview

Airbags only function (and can deploy if necessary) when the vehicle is unlocked and powered on.

The airbag indicator light must be in normal status.

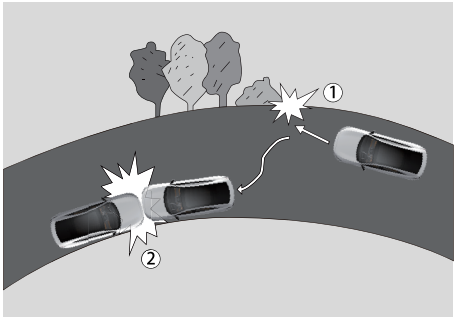
Whether airbags deploy is not necessarily related to the extent of vehicle damage, and airbag

deployment is not conditional on the occurrence of a collision. In other words, airbags do not deploy in all collision situations. They deploy based on a series of factors, including but not limited to: vehicle speed at impact, collision angle, and the overall deceleration of the vehicle during the collision.

If the vehicle collides with deformable or movable objects that can absorb impact force (such as guardrails, trees, etc.), the speed required for airbag deployment is higher than when colliding with fixed, non-deformable objects.

If the driver takes emergency braking measures before the vehicle collision, the collision intensity at the moment of impact may be lower than the airbag activation standard, resulting in non-deployment of the airbags.

In a single-vehicle continuous accident, airbags only deploy when the vehicle first meets the activation conditions. When a vehicle experiences consecutive collisions, airbags may not deploy during a minor accident (①) due to the lighter impact or insufficient intensity, but may activate during a subsequent strong impact (②) if the collision intensity reaches the airbag deployment standard.

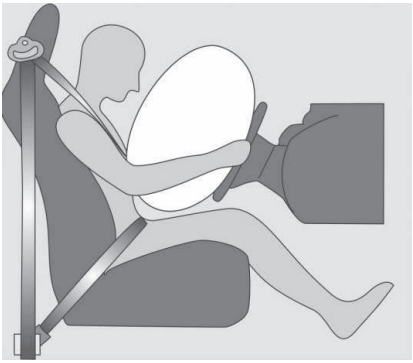


⚠WARNING

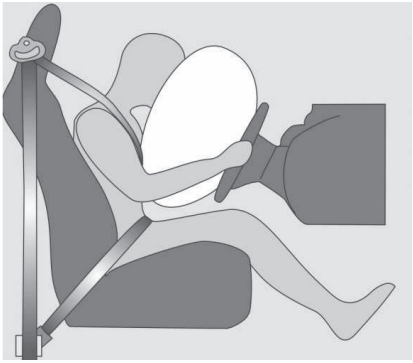
- Please ensure the airbag system functions normally. If the airbag indicator light malfunctions, consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle. Failure to do so may result in airbags not deploying during a collision, leading to accident injuries.
- After the vehicle has been submerged in water or the passenger compartment has been flooded, have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer). This is to prevent airbag control unit malfunction, which could ultimately lead to unexpected airbag deployment or failure to deploy, causing accidents and personal injuries.

Seat Belt Pretensioners

1. When a vehicle collision occurs, the sensor detects an impact exceeding a certain level and sends a signal to the airbag control unit, which determines whether deployment is necessary;
2. The airbag receives the deployment signal from the control unit, inflates and deploys, forming a cushioning airbag between the occupant and interior components;



3. The airbag absorbs collision energy, assisting the seat belt in protecting the occupant's head and upper body, reducing occupant injury;



4. The gas in the airbag is quickly released, mitigating the impact on the passenger.

⚠WARNING

- When airbags deploy, they produce a loud noise and release some smoke. This is caused by the detonation of the gas generator in the airbag and is not abnormal.
- Although this smoke is nontoxic, it may cause respiratory discomfort. Windows should be opened immediately to maintain air circulation, and powder adhering to eyes and skin should be washed off as soon as possible.

- After the airbag system deploys, airbag components will become very hot. Avoid touching these areas or corresponding parts. If contact with residue occurs, immediately rinse with plenty of water to prevent allergic reactions.
- Airbags inflate at very high speeds and deploy with strong force, which may cause certain injuries. These injuries may include surface abrasions, bruises, and fractures.
- Airbags are single-use products. When a collision occurs and the airbags deploy, they must be replaced.

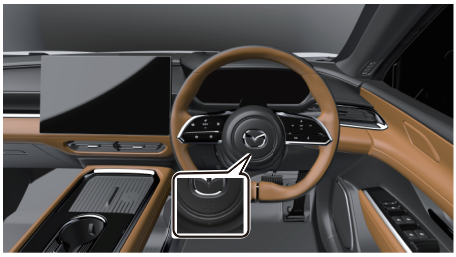
Airbag Indicator Light
The airbag indicator light is red.



When the vehicle is unlocked and powered on, the airbag indicator light illuminates for approximately 3-5 seconds before turning off. Under normal operating conditions, the airbag indicator light remains off.

Driver Airbag
The driver airbag warning label is on both sides of the front passenger sun visor. Please read it carefully.

The driver airbag is installed inside the steering wheel, with an "-AIRBAG" label on the airbag cover. It deploys when a frontal collision occurs and meets deployment conditions.



Front Passenger Airbag
The front passenger airbag is installed inside the instrument panel above the glove box, with "-AIRBAG" engraved on the instrument panel. It deploys when a collision occurs and meets deployment conditions.

⚠WARNING

- It is prohibited to install a rear-facing child restraint system on the front passenger seat or to seat children under 150 cm (5 ft) in height or under 12 years of age. Airbag deployment can cause injury to children.
- While the vehicle is in motion, passengers must maintain correct seating posture and not rest their feet or legs on the instrument panel. Do not use the front passenger airbag cover as a storage shelf.

- Please keep the entire instrument panel and windscreen area clear of obstructions. Do not use sun shades or other coatings for coverage, and do not install mounts for devices such as navigation or mobile phones, or any decorative items.

Side Airbags
The side airbag warning label is on the front door sill. Please read it carefully.

Side airbags are installed inside the seat seatback, with an "-AIRBAG" label sewn on the side of the seatback. They deploy when a side collision occurs and meets deployment conditions, forming a cushioning airbag between the occupant and interior components to provide side protection for the occupant's chest.



⚠WARNING

- Do not install seat covers or cushions on seats equipped with side airbags, or replace the seat fabric without authorisation. This may prevent the airbags from deploying normally or cause unexpected deployment, resulting in injury!
- Do not hang items such as coats on the seatback.

Side Curtain Airbags
Side curtain airbags are installed in the vehicle body side trim panel and headliner, with an "AIRBAG" label near the headliner on the B-pillar. They deploy when a side collision occurs and meets deployment conditions, forming a cushioning airbag between the occupant and the side of the vehicle to protect the occupant's head.



⚠WARNING

- It is prohibited for drivers and passengers to lean their heads or bodies against the curtain / curtain deployment area on the window.
- Do not place any objects between the seatback and the door.

Far-Side Airbag
The far-side airbag is installed inside the seat seatback, with an "-AIRBAG" label sewn on the right side of the seat seatback. It deploys when a side collision occurs and meets deployment conditions.

Main function: Configured as a front row far-side airbag, it increases separation between the driver and front passenger during a collision, providing better head protection for occupants.



Rear Curtain Airbag
Rear curtain airbags are installed inside the seatback, with "SRS AIRBAG" labels sewn on both sides of the seatback. They deploy when a side collision occurs and meets deployment conditions, forming a cushioning airbag between the occupant and the door to provide side protection for the occupant's chest.



SRS Airbag Deployment Criteria

▼SRS Airbag 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.)

SRS equipment	Types of collision		
	A severe frontal/near frontal collision	A severe side collision	A rear collision
	  		

SRS equipment	Types of collision		
	A severe frontal/near frontal collision	A severe side collision	A rear collision
Front seat belt pretensioner	X	X	No air bag and seat belt pretensioner will be activated in a rear collision.
Rear seat belt pretensioner	X	X	
Driver air bag	X	—	
Front passenger air bag	X*1	—	
Side airbag for driver and front passenger (inboard)	—	X	
Side air bags for driver and front pasasenger (outboard)	—	X(impact side only)	
Side air bags for rear passengers	—	X(impact side only)	
Curtain air bag	—	X(impact side only)	

Chart symbols:

X: The SRS airbag equipment deploys in a collision.

—: The SRS airbag equipment does not deploy in a collision.

*1: The front passenger airbag is designed to deploy depending on the status of the front passenger airbag deactivation switch.

Note

In a frontal offset collision, the equipped side airbags and curtain airbags may deploy depending on the direction, angle, and rate of impact.

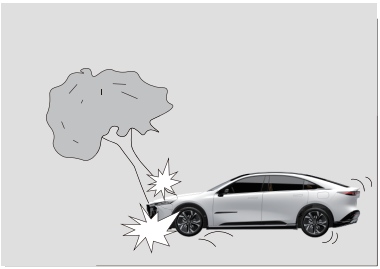
Limitations to SRS Airbag

▼Limitations to SRS Airbag

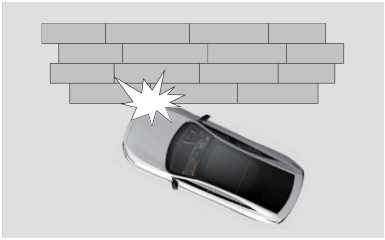
Limitations to front/near front collision detection:

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

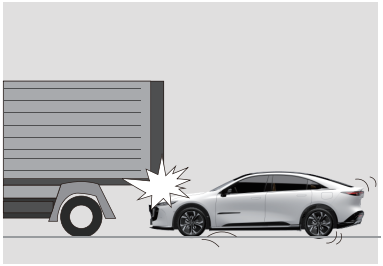
1. Impacts involving trees or poles:



2. Frontal offset impact to the vehicle:



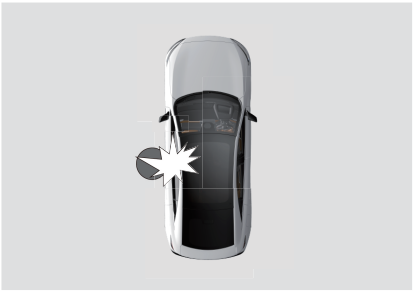
3. Rear-ending or running under a truck's tail gate:



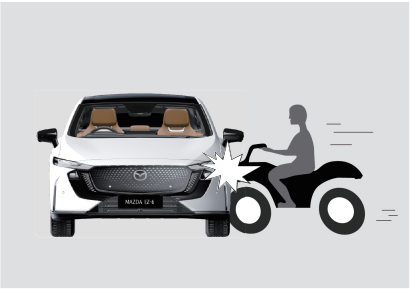
Limitations to side collision detection:

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

1. Side impacts involving trees or poles:



2. Side impacts with two-wheeled vehicles:



3. Roll-over:



3 Before Driving

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

Electric Vehicles 3-2
- Electric Vehicles 3-2
- Charging and Discharging 3-9
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- Keys 3-30

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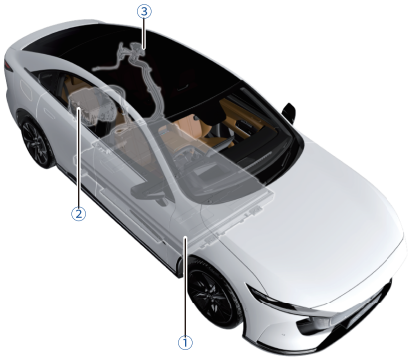
- Towing Hook 3-56

Electric Vehicles

▼Electric Vehicles

The electric vehicle uses electricity to power the vehicle. This model uses a drive motor as its power source, with the drive motor powered by a high-voltage battery mounted underneath the cabin.

▼Compartment Overview



1. High-Voltage Battery
2. Electric Drive System Assembly
3. Charge Port

Regenerative Braking

Regenerative braking uses the motor to decelerate the vehicle. When the wheels decelerate, they drive the motor, and the generated electrical energy is stored in the high-voltage battery.

Note

- The vehicle should be charged and discharged every 2 to 3 months because the high-voltage battery gradually discharges when the vehicle is not driven for an extended period. If the high-voltage battery is fully discharged, the vehicle will not start. Please contact an expert repairer; we recommend an Authorised Mazda Repairer.

- The life of the high-voltage battery varies depending on the vehicle's storage conditions or driving conditions.

▼High-Voltage Precautions

⚠WARNING

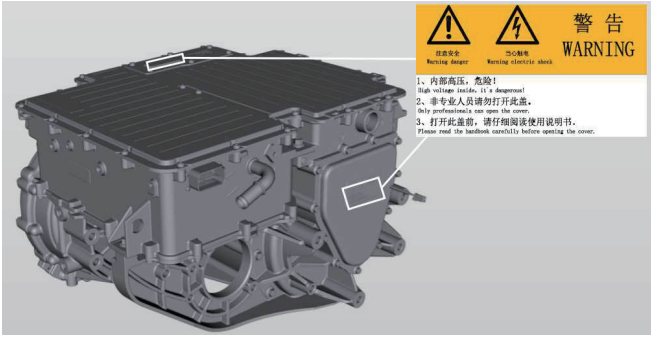
Be very careful of high voltage areas. In addition, do not disassemble, modify, or remove any high voltage parts:
Certain components in electric vehicles pose potential safety risks. These components are marked with warning labels. It is strictly forbidden to touch these components during operation, as there is a risk of electric shock.

Be very careful of high temperature areas:
Always follow the instructions on the labels inside the motor compartment. After driving, the motor temperature may be high.

Do not open the bonnet while the EV system or climate control timer is operating or during timer charging, normal charging, or fast charging:
The cooling fan in the motor compartment may rotate suddenly and your hand, clothes, or accessories may touch the fan or become caught, resulting in serious injury or death.

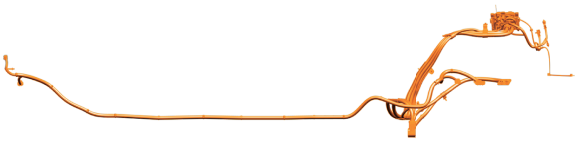
▼Electric Drive System Assembly

The controller service cover and the motor junction box cover of the electric drive system assembly have the following warning labels on their surfaces.



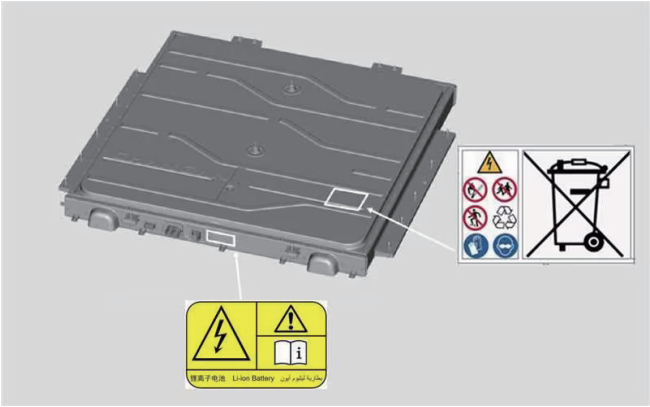
▼High-Voltage Cable Colour Coding

High-voltage cables inside the vehicle are marked with orange colour for identification.



▼High-Voltage Battery Assembly

The surface of the high-voltage battery assembly has the following warning labels.

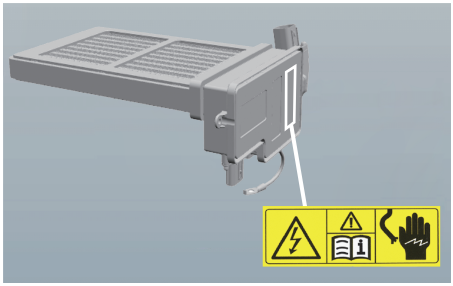


CAUTION

- The high-voltage battery assembly is located at the bottom of the vehicle. Drive carefully on rough roads to avoid damaging the battery by scraping or hitting the underside;
- To ensure the lifespan and safety of the high-voltage battery assembly, the charging current will be adjusted based on the current charge level and battery temperature, which may affect the charging time;
- The power range may vary depending on driving habits, road conditions, temperature, and whether the vehicle's electrical systems are in use, even when the high-voltage battery assembly is functioning normally.
- Due to the chemical characteristics of the high-voltage battery assembly, its capacity will naturally decrease over time, leading to a reduction in power range. This is a normal phenomenon. If you notice a significant reduction in the power range, consult a qualified service technician (Mazda Authorised technicians are recommended) for an inspection.

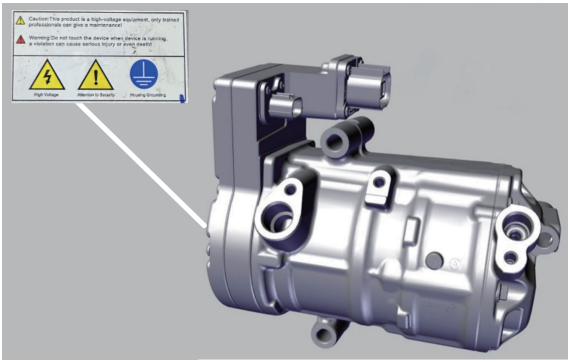
▼Electric Heater Assembly

The electric heater assembly has the following label on its surface.



▼Compressor Assembly

The surface of the compressor assembly has the following warning labels.



Charging and Discharging

▼Cautions Concerning Charging

⚠WARNING

For occupants who use any medical device such as an implanted-type heart pacer or defibrillator, ask a doctor or manufacturer of the device about how the medical device may be affected by the charging operation:
Otherwise, the operation of the medical device could be affected, resulting in an accident.

Passengers who use medical device such as an implanted-type heart pacer or defibrillator are not allowed to enter the cabin, including the luggage compartment while charging:
Otherwise, the operation of the medical device could be affected, resulting in an accident.

Do not disassemble or modify the charge port and the charge lead:
Otherwise, it could lead to an electrical shock, resulting in an accident.

Always heed the following when charging:
Otherwise, it could lead to an electrical shock, resulting in an accident.

- Never allow children to charge the high voltage battery.
- Do not charge the high voltage battery while the vehicle is covered with a car cover.

Always heed the following when charging in the rain or snow:
Otherwise, it could lead to an electrical shock, resulting in an accident.

- Do not charge the high voltage battery outside if there is the possibility of heavy rain, strong winds, or lightning.
- Remove water with a clean cloth if the charge connector or charge plug is wet.
- Do not touch the charge port or charging cable with wet hands.
- If the outlet is covered with snow while charging, turn off the power such as turning off the breaker, remove the snow, and then remove the charge plug.

Do not use the charge lead if it has any of the following malfunctions:
Otherwise, it could lead to an electrical shock, resulting in an accident.

- The charge connector is rusted or corroded.

- The charge connector is damaged or foreign matter penetrates the charge connector.

Refer to the instruction manual accompanying the charge lead and use the charge lead correctly:
If you handle the charge lead incorrectly, it could result in an unexpected accident.

Always heed the following when using the charge lead:
Otherwise, the charge lead could be damaged, resulting in an accident.

- Do not pull out or bend the charge lead excessively.
- Do not step on the charge lead or drag it on the ground.
- When inserting/pulling out the charge connector and the charge plug, do not twist them excessively.
- Do not apply excessive force to the connected charge connector such as by applying your weight.
- Keep objects which generate intense heat (such as a heater or cigarette) away from the charge lead.
- Do not apply organic solvents, acid or alkaline agents to the charge lead.

⚠CAUTION

- Do not connect the booster lead to the lead-acid battery or remove the lead-acid battery while charging the high voltage battery. Otherwise, the vehicle or charging device could be damaged.
- If the charging gun is removed after the charging is finished, close the charge port cap immediately. If the charging lid is closed with the charge port cap open, water or foreign matter may enter the charge port, causing a malfunction.
- Always ensure that the charge lead is not connected to the vehicle before driving. Because the vehicle can be driven even while the charge lead is not connected completely, it could result in an accident.
- If the charge port is frozen shut, defrost the inlet using a hair dryer. If the charge lead is inserted/pulled out with the charge port frozen, it could cause damage.

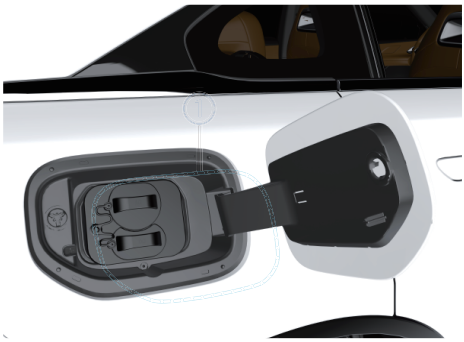
Note

- Normal charging and fast charging cannot be performed at the same time.
- The navigation system and the air-conditioning system can be used even while charging. However, the charging time increases because electrical power is consumed. In some cases, power consumption may exceed the charged amount and charging may not finish.
- Do not overdischarge the power battery, which will shorten the power battery life. If the battery is low, please charge it in time.
- If DC charging stations are used for fast charging for a long time, it may affect the service life of the power battery. If you often need to use the DC charging station (fast charging) , we recommend alternating between normal charging modes to slow down the degradation of the power battery service life.

▼Preparation Before Charging

This vehicle is driven by consuming the electrical power stored in the high voltage battery. Therefore, it is necessary to charge the high voltage battery.

The parts related to charging are located in the following positions.



1. Charge port

Charge lead

The charge lead is connected to the power supply and the vehicle to send electrical power to the vehicle. For details regarding the charge lead, refer to the instruction manual accompanying the charge lead.

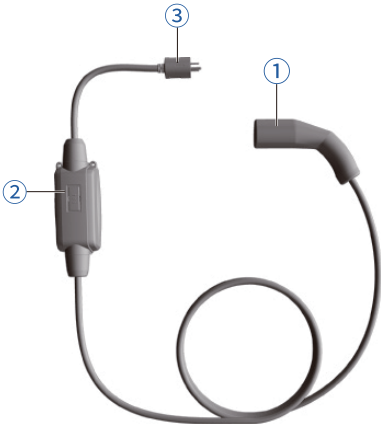
The component parts of the charging gun are as follows.

(Type A: For use at charging facilities)



1. Charge connector

(Type B: For home use)



1. Charge connector
2. Control box
3. Charge plug

Charge connector
(Type A)
The charge connectors are used for connecting the charging equipment to the normal charge port.

(Type B)
The charge connector is used for connecting to the normal charge port.

When the charge connector is connected to the slow-charge port, the vehicle system will lock the connector after the vehicle is locked or charging starts.

When the charge connector is locked by the vehicle system, it unlocks when the driver's door is unlocked.

If the charge connector locked by the vehicle system is not unlocked even though the driver's door is unlocked, consult an expert repairer (we recommend an Authorised Mazda Repairer).

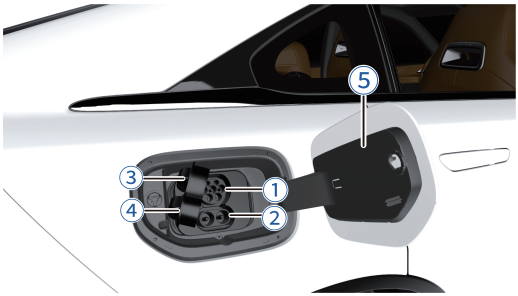
Control box (Type B)
The control box indicates the charge status by turning on/flashing the indicator light. For the indicator light illumination/flash pattern, refer to the instruction manual accompanying the charge lead.

Charge plug (Type B)
The charge plug is the part for connecting to the power supply.

Charge port

The charge port refers to the area where the charging gun is connected.

The component parts of the charge port are as follows.



1. Normal charge port
2. Fast charge port
3. Normal charge port cap
4. Fast charge port cap
5. Charge lid

Normal charge port

The normal charge port is the part to which the charging gun is connected. This is used for normal charging.

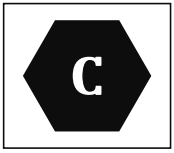
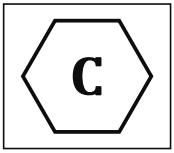
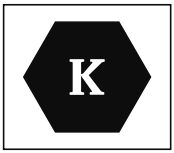
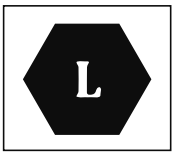
Fast charge port
The fast charge port is the part to which the fast charging gun is connected. This is used for fast charging.

Charge lid
The charge lid is locked/unlocked in conjunction with the door locking/unlocking mechanism. When unlocking the driver's door, the charge lid is unlocked. When locking the driver's door, the charge lid is locked.

However, if the driver's door is unlocked using the mechanical key, the charge lid is not unlocked.

Identifier

Check the following identifiers and connect the charging gun.

Supply type	Standard	Configuration	Type of accessory	Voltage range	Identifier *1
AC	EN 62196-2	TYPE 2	Vehicle connector and vehicle inlet	≤ 480 V RMS	
AC	EN 62196-2	TYPE 2	Plug Socket outlet	≤ 480 V RMS	
DC	EN 62196-3	FF	Vehicle connector and vehicle inlet	50 V to 500 V	
				200 V to 920 V	

*1 Some charging guns may not have an identifier.

▼Charging

Charging type

There are two methods of charging the high voltage battery, normal charging and fast charging.

We recommend that you use normal charging as the preferred charging method as this will help to keep the high voltage battery in optimal condition and maintain a long battery life.

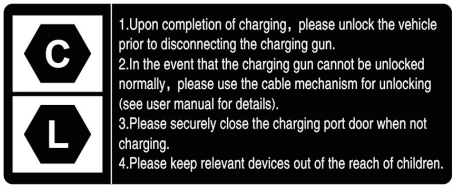
The exact charging time depends on various conditions at the time of charging, such as the type of charger, battery condition, charging patterns, as well as the battery temperature and ambient temperature. In cold weather conditions, both the battery and ambient temperature will affect the required charging time, and in certain situations, this may lead to a significant increase in the charging time.

⚠WARNING

Always heed the following when using a fast charging gun: Otherwise, it could lead to an accident.

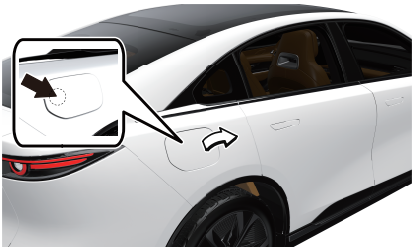
- Do not use a charge lead which is too long.
- If a charge lead is too long, this may cause the vehicle fail to charge.

Please check the warning label on the charge lid before charging.

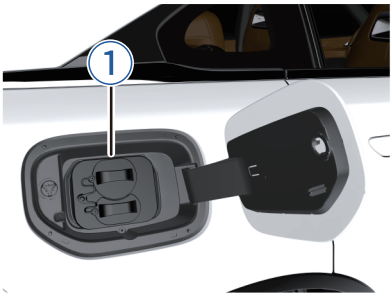


▼How to perform normal charging

1. Shift the electric column shift to the P position.
2. Power off the vehicle.
3. Press the location shown in the figure to open the charge lid.

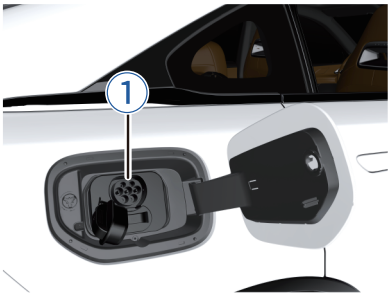


4. Open the normal charge port cap.



1. Normal charge port cap

5. Connect the charge plug to the outlet.



1. Normal charge port

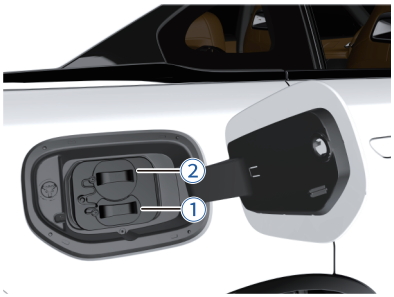
6. Connect the charging gun to the normal charge port. Charging starts after connection is completed.
   Ensure to lock all the doors before leaving the vehicle while charging.
7. When charging is finished, remove the charging gun.
8. Close the normal charge port cap.
9. Close the charge lid.
10. Remove the charge plug from the power supply.

<u>How to perform fast charging</u>

1. Shift the electric column shift to the P position.
2. Power off the vehicle.
3. Press the location shown in the figure to open the charge lid.

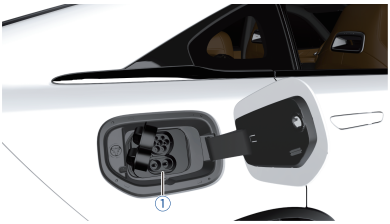


4. Open the fast charge port cap and normal charge port cap.



1. Fast charge port cap
2. Normal charge port cap

5. Connect the charge connector of the fast charging gun to the fast charge port.



1. Quick charge port

6. Operate the fast charging gun to start charging.
   Ensure to lock all the doors before leaving the vehicle while charging.

   CAUTION

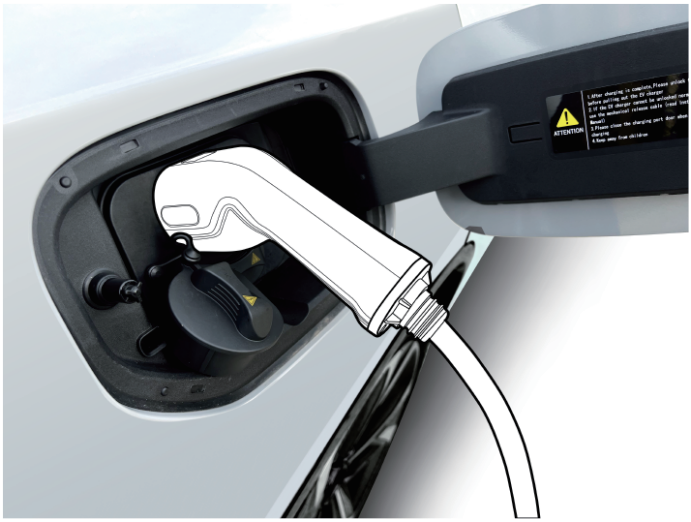
   When operating a fast charging gun, always use the charging gun according to its instructions. If the fast charging gun is operated incorrectly, the fast charging gun or vehicle could be damaged.

7. When charging is finished, remove the charging gun.
8. Close the fast charge port cap.
9. Close the charge lid.

Ensure to lock all the doors before leaving the vehicle.

▼Connecting the Charging Gun

Insert the normal charging gun into the normal charge port.



For AC home charging, please first insert the power plug into a three-pin domestic socket (the socket must be grounded, otherwise charging will not be possible), then insert the slow charging gun.

AC charging: Unlock the charging gun setting after charging.

Unlocking methods of AC charging gun:

1. Unlock the vehicle with the key;
2. Turn on the proximity unlocking icon on the centre display, and unlock the vehicle when the key is near the vehicle;
3. Unlock the vehicle via APP remote control;
4. Unlock the vehicle via centre display (unlocking switch on driver armrest);
5. Unlock the vehicle with mobile phone Bluetooth key;
6. During charging, click the "End Charging" icon on the centre display;
7. Turn on the full-charge unlocking icon on the head unit. When the AC charging stops at 100%, the electronic lock of the charging gun will automatically unlock.

Fast Charging

Unlock the vehicle, press the charge lid to open it, and remove the sealing charge caps from both the normal charge port and the fast charge port.

Connect the charging gun



Insert the fast charging gun fully into the DC charge port until it locks into place.

▼Starting Fast Charging

At the charging station, swipe your card or scan the QR code to start charging (skip this step for AC home charging).

Confirm charging status
- The instrument panel icon (red) lights up;

▼Ending Fast Charging

Stop the charging session at the charging station. Once the station unlocks the charging gun, you can remove the fast charging gun and close the charge port cap and charge lid.

Note

- If everything appears to be correct but charging is still not possible, please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

- If the battery temperature is too high or too low, the charging time will be extended to protect the battery.
- Do not discharge the high voltage battery excessively; otherwise, the life of the high voltage battery will be shortened. If the battery is low, please charge it in time.
- If DC charging stations are used for fast charging for a long time, it may affect the service life of the high-voltage battery. If you often need to use the DC charging station (fast charging) , we recommend alternating between normal charging modes to slow down the degradation of the high-voltage battery service life.

Note

1. Before charging, ensure the charge port is dry and free of foreign substances (e.g. water, debris). Open the charge port and carefully inspect the vehicle's charge port and the charging gun, ensuring they are clear of any foreign objects.
2. After charging is complete, cover the sealing charge cap to prevent water droplets or foreign objects from entering the exposed charge port.
3. If you need to start the vehicle during charging, first stop fast charging, wait for the fast charging gun to unlock, and then remove the charging gun before starting the vehicle.
4. In rainy or snowy weather, avoid charging outdoors to prevent ice-water mixtures from clogging the charge port drainage area, which could lead to ice buildup in the charge port and affect the insertion and removal of the charging gun.

▼Charging Current Settings

1. The default charging current limit is set to 32 A. If you are concerned about the load capacity of your household circuit, you can reduce the charging current setting via the centre display.
2. The charging current limit setting only applies to normal charging.
3. After changing the charging current limit setting, the vehicle will remember the location. If you charge at the same location again, you will not need to reset it.



Note

1. When using a household outlet to connect the charging gun, it is recommended to use a power outlet rated at 16 A or higher to avoid overheating the circuit.
2. Do not set the charging current higher than the maximum available current for the connected charging cable.
3. The actual charging current may be affected by grid fluctuations or the grid's load capacity, which may prevent it from reaching the set limit and could impact charging efficiency.

▼Power Discharge

Power on the vehicle, shift into Park (P), and connect the discharging gun. The vehicle will then provide external AC power. If the battery level becomes too low, the vehicle will automatically stop discharging.

Operating procedures:

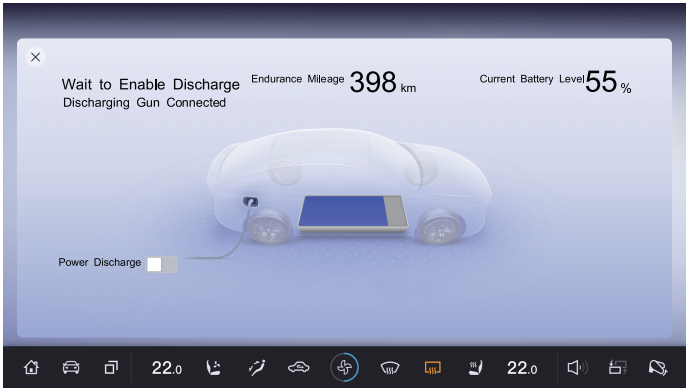
Step 1: Park the vehicle in a well-ventilated area, power on the vehicle and shift into P gear.

Step 2: Open the charge port cap.

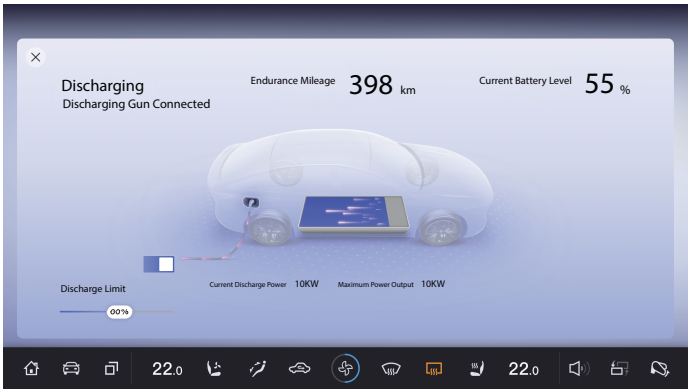
Step 3: Insert the V2L discharging gun into the vehicle's charging port.



Step 4: Please ensure the V2L (Vehicle-to-Load) function is activated in your vehicle (via the icon on the centre display).



Step 5: You can set the minimum battery percentage for V2L (Vehicle-to-Load) power drawn from your vehicle's power battery via the centre display.



Step 6: Insert the plug of your electrical appliance, device, or charger into the V2L (Vehicle-to-Load) discharging gun interface to begin usage.

Step 7: To stop discharging, simply unplug the plug of your electrical appliance, device, or charger from the V2L discharging gun interface. To unlock the V2L discharging gun, first press the unlock switch on your smart key, then remove the V2L discharging gun.



Electric Vehicles

CAUTION

- Do not touch the power strip sockets while the vehicle is discharging.
- Do not touch the plug with wet hands.
- Keep children away from the device.
- Do not use the device if the discharge lead is worn, the insulation is damaged, or if there are other visible issues.

Emergency Unlock of Charging Gun

▼Emergency unlock of charging cable

After AC or DC charging is completed, if the charging plug still cannot be pulled out by pressing the unlock button, the emergency unlock cable can be used to release the plug.

CAUTION

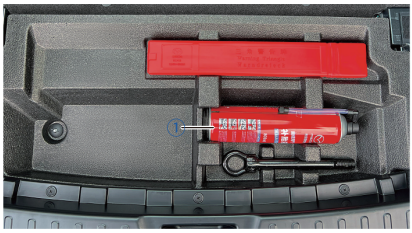
- After releasing the plug with the emergency unlock cable, the cable must be reset immediately. If it is not reset, it may cause the vehicle to fail to charge or cause other malfunctions.
- The emergency unlock cable can only be used in emergency situations and cannot be used as a regular unlocking method. Long-term use will cause the charging port unlocking mechanism to fail.
- After the emergency unlocking of the charging plug is completed, immediately contact professional technicians for inspection and repair. It is recommended to go to an Authorised Mazda Repairer for handling.

Manual unlocking procedure for charging plug:

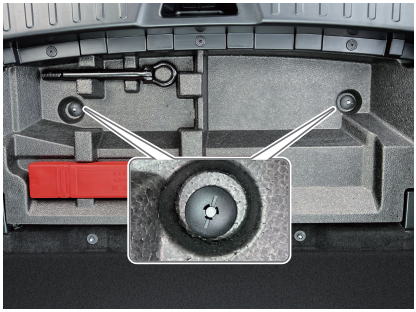
1. Open the luggage compartment;
2. Remove the mat.



3. Take out the tyre repair sealant ①.



4. Turn the fastener counterclockwise to remove it (to reinstall, simply press to lock), and take out the tool kit.



5. Pull the cable to unlock the charging gun.



Micronuclear High-Frequency Pulse Heating

▼Micronuclear High-Frequency Pulse Heating

When micronuclear high-frequency pulse heating (hereafter referred to as pulse heating) is activated, the high-voltage battery will quickly heat up, enhancing the vehicle's performance in low temperatures and improving the driving experience in cold conditions.

▼Function Activation

When the high-voltage battery is below a certain temperature and the charge level is sufficient, the high-frequency pulse heating can be activated under the following conditions:

After the vehicle is unlocked, powered on, and the door is opened to take a seat, the pulse heating function will automatically start.

▼Function Exit

During the pulse heating process, you can exit the function by performing the following actions:

1. Press the brake pedal to exit;
2. Exit by powering down the vehicle and locking it;
3. The vehicle will automatically exit when the high-voltage battery reaches a higher temperature or if the battery charge falls below a certain level.

Note

- The pulse heating function can only operate when the battery temperature is below a certain level and the battery has sufficient charge. The pulse heating process takes 5 minutes, with lower initial battery temperatures requiring longer heating times.
- The pulse heating function will generate noise during normal operation. To avoid impacting the driving experience, please wait until pulse heating is complete before shifting into gear. Pulse heating cannot be used while driving.

Keys

▼Key Types Introduction

This vehicle supports three types of keys:

- Transmitter;
- Mechanical key;
- Smartphone Bluetooth® key.

▼Transmitter



1. Unlock switch
2. Lock switch
3. Liftgate switch
4. Find Car switch

Your Mazda is equipped with 2 transmitters to unlock or lock the vehicle through the switch.

Note

Additional Transmitter Functions:

- Remote control window: Long press the unlock or lock switch for more than 2s, you can control the windows of four doors fully open/fully close;
- Unlocking mode conversion: Long press the unlock and lock switch for more than 4s, you can switch the unlocking mode between the four-doors unlocking mode and the driver unlocking mode.

CAUTION

Because the transmitter uses low-intensity radio waves, it may not function correctly under the following conditions:

- The transmitter is carried with communication devices such as cellular phones.
- The transmitter contacts or is covered by a metal object.
- The transmitter 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 transmitter may consume battery power excessively if it receives high-intensity radio waves. Do not place the transmitter near electronic devices such as televisions or personal computers.

To avoid damage to the transmitter, DO NOT:

- Drop the transmitter.
- Get the transmitter wet.
- Disassemble the transmitter.

- Expose the transmitter to high temperatures on places such as the instrument panel, under direct sunlight.
- Expose the transmitter to any kind of magnetic field.
- Place heavy objects on the transmitter.
- Put the transmitter in an ultrasonic cleaner.
- Put any magnetized objects close to the transmitter.

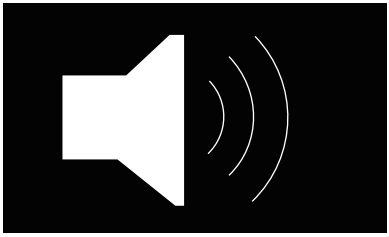
Liftgate Switch

To open/close the liftgate, unlock the doors and liftgate, then quickly double-press the switch when the liftgate is in the fully closed/open position to trigger the open/close function. The hazard warning lights will flash twice and the liftgate will open/close after the buzzer sounds.



Find Car Switch

Within the vehicle key's reception range, press the switch, and the vehicle's hazard warning lights will flash and the horn will sound to help locate the vehicle.

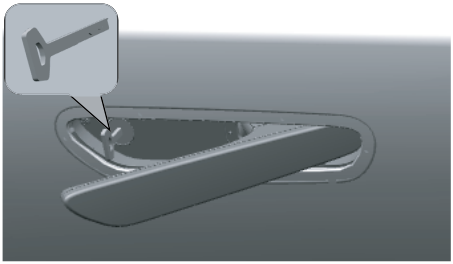


Remote Key Backup Start Function

When the transmitter battery is low, place the key in the centre console cup holder and press the brake pedal, the vehicle will power on.

▼Mechanical Key

This vehicle is equipped with 2 mechanical keys as a backup starting method. If other keys fail, the mechanical key can be used to unlock the door and enter the vehicle.



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



1. Key code number plate

▼Smartphone Bluetooth® Key

Control the vehicle through short-range Bluetooth® connection with your smartphone. For details, please refer to the "Interior Features→Connected Service→Mobile Control".

▼Keyless Entry System

In the "Vehicle Centre → Vehicle Settings" interface, you can turn on/off the Auto Lock When Driving/Leaving. After turning on, bring the transmitter close to the vehicle, the vehicle will automatically unlock; Away from the vehicle will automatically lock.

1. When the vehicle is in a powered-off and locked state, and the centre display's passive entry/exit function is enabled, carrying a transmitter close to the vehicle within a certain range will automatically unlock the doors, accompanied by a single flash of the turn signal lights.
2. If the passive entry/exit function is disabled on the centre display, you cannot unlock or lock the vehicle by approaching it with a transmitter.

Door Locks

WARNING

Always remove all children and pets or leave someone to care for them:
Leaving unattended children or pets in a parked vehicle is very dangerous. In hot weather, the interior temperature of the vehicle can rise, causing brain damage or even death.

Do not leave the key in the vehicle with children; keep the key out of reach:
Leaving children in a vehicle with the key is very dangerous. This may result in serious injury or death.

When leaving the vehicle with no one inside, be sure to close all windows, lock all doors, and the liftgate, and take the key with you:
Leaving the vehicle unlocked is very dangerous. Children may lock themselves inside a hot vehicle, potentially leading to death. Additionally, an unlocked vehicle is an easy target for theft or vandalism.

CAUTION

- Always check the surroundings before opening/closing doors and the liftgate, especially during strong winds or when parked on a slope. Not paying attention to the surroundings is extremely dangerous, as doors and the liftgate may pinch fingers or hit passing pedestrians, leading to accidents or injuries.

Note

- Always stop the EV system and lock the doors. In addition, to prevent theft of valuables, do not leave them inside the cabin.

▼Unlocking with Transmitter

Unlocking

When the vehicle is in the locked state, press the unlocking switch of the transmitter, the vehicle will be unlocked, the hazard warning lights will blink once, at this time, the flush door handle will automatically pop out, pull the handle, you can open the door.



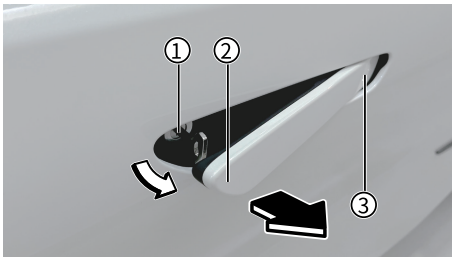
Locking

When no one is sitting in the driver seat and the gear is in P, after closing all the doors, press the lock switch, and the vehicle will lock.



▼Unlocking with Mechanical Key

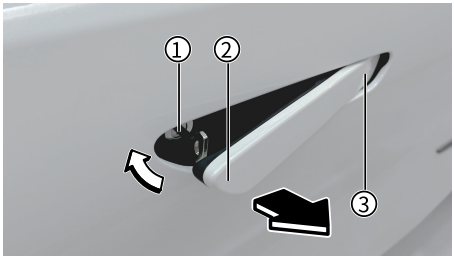
Press the flush door handle on the driver's side, insert the mechanical key, and turn the key counterclockwise to the unlock position. Turn the mechanical key back to its original position and then remove it.



1. Mechanical Key
2. Flush Door Handle
3. Thumb Press Position

▼Locking with Mechanical Key

Press the flush door handle on the driver's side, insert the mechanical key, and turn the key clockwise to the lock position. Turn the mechanical key back to its original position and then remove it.



1. Mechanical Key
2. Flush Door Handle
3. Thumb Press Position

▼Operating Door Locks from Inside the Vehicle

When all doors are closed, pulling the inner door handle once will unlock the door, and pulling it twice consecutively will open the door.

When the driver's door is unlocked, all four doors will automatically unlock.

The rear side doors can only be opened from the inside if the child safety lock is disengaged (refer to "Child Safety Lock" section).

Door Lock Switches

Press the door lock switch ① to lock all doors;

Press the door lock switch ② to unlock all doors (including AC normal charging unlocking).



Collision Unlocking

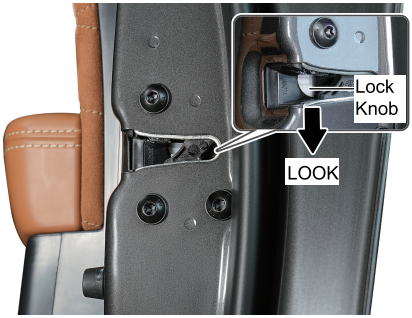
If the vehicle is involved in a collision and the airbags deploy, the vehicle will automatically unlock.

Speed-Sensitive Auto Locking

This function is enabled by default. When the vehicle is powered on and in an unlocked state, and the speed increases from 0 to ⩾ 20km/h (12 mph), all four doors will automatically lock.

Operating from Outside the Vehicle

To lock the front and rear passenger side doors from outside the vehicle using the emergency lock, press the corresponding door's emergency lock switch to the locked position and close the door to prevent operation of other door locks.



Note

When locking the door in this manner:

- Be careful not to leave the key inside the vehicle.

▼Rear Door Child Safety Lock

Child Safety Lock

The child safety lock on the rear doors can individually lock the rear doors. Once enabled, the respective rear door cannot be opened from the inside, only from the outside.

To enable: Push the child safety lock on the rear door in the direction of the arrow to the locked position.

After enabling, ensure that the child safety lock is functioning properly (the door cannot be opened from the inside).

To disable: Push the child safety lock on the rear door to the unlocked position.



⚠WARNING

If children are inside the vehicle, the child safety lock should be enabled. Otherwise, children might open the door while driving, potentially injuring themselves or others.

Liftgate

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

⚠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 ensure that it stays open. If the liftgate is only opened partially, it could slam shut by vibration or wind gusts resulting in injury.
- 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

Operating from Outside the Vehicle (Opening)

Press the electric liftgate opener on the liftgate. The hazard warning lights will flash once, and after the buzzer sounds, the liftgate will automatically open, and the luggage compartment light will turn on.



Operating from Inside the Vehicle (Opening)

When the vehicle is stopped and the gear is in P or N, press the "- Open Liftgate" icon on the centre display, and the liftgate will automatically open.



Note

When a trailer is connected, the liftgate can only be opened using the liftgate opener. The centre display icon, liftgate switch on the transmitter, Bluetooth® key, mobile app, and voice recognition are disabled.

Closing the Liftgate

Operating from Outside the Vehicle (Closing)

When the liftgate is fully open, press the electric liftgate close switch. The hazard warning lights will flash twice, and after the buzzer sounds, the liftgate will automatically close. And the hazard warning lights flash twice again once the liftgate is fully closed.



Operating from Inside the Vehicle (Closing)

When the vehicle is stopped and the gear is in P or N, press the "– Closed Liftgate" icon on the centre display, and the liftgate will automatically close.



Maximum Opening of the Liftgate

The liftgate is equipped with a maximum opening height memory function, allowing you to set the maximum height to which the liftgate opens.

Hold the liftgate at the desired height and press and hold the liftgate switch for more than 3 seconds. The buzzer will sound once, indicating that the height memory function is set successfully.

You can also adjust the liftgate opening height through the centre display. Tap "Vehicle Centre → Vehicle Settings → Maximum Opening of Liftgate" and adjust by dragging the slider.



▼Anti-Pinch Function

To minimise the risk of personal injury or damage, the liftgate is equipped with an anti-pinch feature.

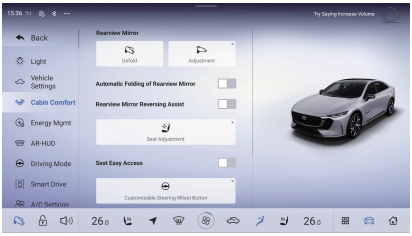
Should substantial resistance be encountered while the liftgate is opening or closing, the anti-pinch feature will engage. Once activated, the liftgate will reverse briefly and then pause.

The anti-pinch feature is a supplementary system. Always exercise caution when operating the liftgate to avoid entrapment or collision with obstacles during automatic operation.

Rearview Mirror

▼Rearview Mirror Reversing Assist

1. Access the rearview mirror reverse assistance interface through the centre display by navigating to "Vehicle Centre → Cabin Comfy."
2. Enter the rearview mirror adjustment settings and select to turn the "Rearview Mirror Reversing Assist" function on or off.
3. When the "Rearview Mirror Reversing Assist" function is activated, the mirrors will automatically adjust to the position used during the last reverse. If the mirrors have never been adjusted during a previous reverse, they will not automatically adjust during the current reverse.



4. Rearview mirror setting method:
   - Press and hold the brake pedal;
   - Shift into R gear;
   - Select the rearview mirror adjustment icon to enter the rearview mirror adjustment interface;
   - Adjust the rearview mirror;
   - Shifting out of R gear will save the rearview mirror position during reversing.

⚠WARNING

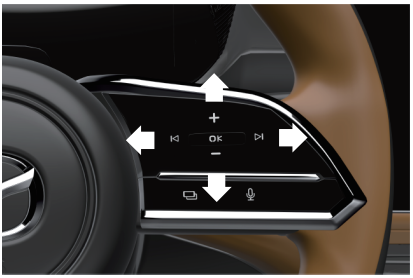
The left and right rearview mirror are convex mirrors, and objects viewed in the mirrors appear smaller than they actually are. Do not estimate the distance to following vehicles based on the mirror image, as this could increase the risk of an accident.

Do not adjust the rearview mirror while the vehicle is in motion, as this could lead to a loss of vehicle control, resulting in accidents or even injury or death.

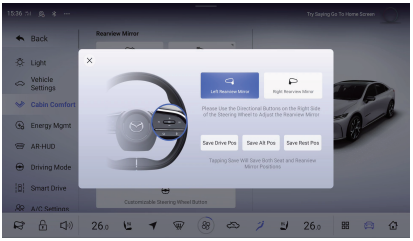
▼Rearview Mirror Adjustment

Electric Adjustment

1. Select the rearview mirror adjustment icon through the "-Vehicle Centre → Cabin Comfy" menu on the centre display to enter the rearview mirror adjustment interface.
2. In the rearview mirror adjustment interface, select the rearview mirror you want to adjust. Then, use the "Up," "-Down," "Left," and "Right" switchs on the right side of the steering wheel to adjust the position of the "Left Rearview Mirror" and "Right Rearview Mirror".



3. After adjusting the rearview mirror to the appropriate position, click the "Save Driving Pos" icon, and the "Saved Successfully" will pop up.

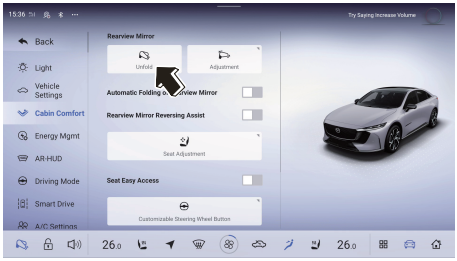


⚠WARNING

- Never adjust the rearview mirrors when driving. In order to focus entirely on driving, the position of the rearview mirrors should be adjusted before setting off.
- It is strictly prohibited to touch the mirror glass while adjusting the angle of the rearview mirrors, as this could injure your fingers and cause damage to the mirrors.

▼Rearview Mirror Folding

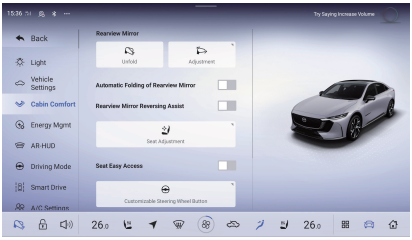
Power Folding of Rearview Mirror



1. Navigate to the "Vehicle Centre → Cabin Comfy" section on the centre display to access the rearview mirror folding/ unfolding settings.
2. Tap the "Fold" icon to fold the rearview mirror. The icon will then change to "Unfold" on the centre display.
3. Tap the "Unfold" icon to unfold the rearview mirror. The icon will then change to "Fold" on the centre display.

Automatic Folding of Rearview Mirror

1. Access the automatic folding of rearview mirror interface through the centre display by navigating to "Vehicle Centre → Cabin Comfy".
2. Enter the mirror adjustment settings and select to turn the "Automatic Folding of Rearview Mirror" function on or off.
3. When the "Automatic Folding of Rearview Mirror" function is activated, the rearview mirror will automatically fold when the vehicle is locked and will automatically unfold when the vehicle is unlocked. If the function is not activated, the mirrors will not fold or unfold automatically when the vehicle is locked.



⚠WARNING

Always return the rearview mirror to the driving position before you start driving:
Driving with the rearview mirror folded is dangerous. It will obstruct your rear view and increase the risk of an accident.

Do not touch the power folding mirror while it is moving:
Touching the power folding mirror while it is moving is dangerous. You could injure your hand or damage the mirror.

Use the switch to adjust the mirror to the on-road position:
Adjusting the power folding mirror to the on-road position manually is dangerous. The mirror will not lock in place, impairing rearview mirror visibility.

Only operate the power folding mirror when the vehicle is safely parked:
Operating the power folding mirror while the vehicle is moving is dangerous. Wind can cause the mirror to collapse, and you will be unable to return it to the on-road position, blocking rearview visibility.

Note

- The power folding and automatic folding functions are only available on mirrors with power folding capabilities. If the mirrors are manually foldable, the folding must be done manually.

- Before folding the mirror, ensure the surface is clear of ice, snow, or debris. Remove any obstacles to avoid damaging the mirror.

▼Rearview Mirror Heating

After the vehicle is powered on, access the climate control panel through the centre display. Tap the rear defrost icon to activate the rearview mirror heating function. Tap it again to turn off the rearview mirror heating function.

▼Interior Rearview Mirror

Before driving, adjust the interior rearview mirror to maximize the rearward view. Avoid placing items on the rear seats or cargo area that may obstruct the rear view.

Auto-dimming mirror: The interior rearview mirror automatically adjusts the brightness of the mirror based on the ambient light intensity to reduce glare, requiring no manual adjustment.



WARNING

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.

Power Windows

▼Power Windows

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

⚠WARNING

Ensure that the opening is clear before closing the window:
Closing a power window can be dangerous. A person's hands, head, or even neck could become caught by the window, resulting in serious injury or even death. This warning is particularly relevant to children.

Never allow children to play with the power window switches:
Power window switches that are not locked by the power window lock switch could allow children to unintentionally operate the power windows, potentially resulting in serious injury if a child's hands, head, or neck become caught by the window.

Ensure nothing obstructs the window just before it reaches the fully closed position or while the power window switch is fully engaged:
Obstructing the power window just before it reaches the fully closed position, or while the power window switch is fully engaged, is dangerous.

In this case, the jam-safe function may not prevent the window from closing fully. If fingers are caught, serious injury may occur.

Do not allow a child to extend their hand or head out of the window while the vehicle is in motion:
If the person's hand or head strikes something outside the vehicle, or if sudden braking is applied, it could result in serious injury or death.

Note

When driving with only one rear window open, you may experience a resonant sound. This is not a malfunction. You can reduce the noise by slightly opening a front window or adjusting the rear window's opening.

▼Opening/Closing Windows

When the vehicle is powered on, pressing the switch opens the window, and pulling the switch closes the window. Do not open or close three or more windows simultaneously.

When the power window lock switch on the driver's side door is in the unlocked position, you can open/close the front passenger side and rear windows. Keep this switch locked when children are in the vehicle.

Master control switches



1. Right front door power window switch.
2. Right rear door power window switch.
3. Left rear door power window switch.
4. Left front door power window switch.
5. Window lock switch.

Press the driver's window lock switch , and the front passenger and rear passengers will not be able to operate the windows. Press the window lock switch again to disable the window lock function.

To open/close the window: Press/raise the power window switch .

CAUTION

- In cold and humid environments, the power windows may not function properly due to freezing.
- To extend the life of the fuse and prevent damage to the power window system, do not operate two or more windows simultaneously.
- Do not perform opposite operations on the same window simultaneously; the window will stop functioning.

The window switch has five positions, with functions from top to bottom as follows:

1. One-touch up.
2. Manual up.
3. Middle position.
4. Manual down.
5. One-touch down.



▼Anti-pinch Window

When the window is closing and a foreign object is detected between the window and the window frame, the window stops closing and automatically opens partway.

CAUTION

- All windows in this vehicle are equipped with an anti-pinch function. Do not extend your hand outside the window when it is about to close to avoid injury.
- Before closing the windows, the driver must ensure that all passengers (especially children) do not have any part of their body extended outside the window. Failure to do so may cause serious injury.
- Do not perform opposite operations on the same window simultaneously; the window will stop functioning.

The following situations will cause the window auto-learning to be lost:

1. The window anti-pinch function is triggered twice consecutively;
2. Disconnecting the negative terminal of the battery;
3. Resetting the window controller (BDC).

To reset the window, follow the steps below to complete the window auto-learning:

1. Close the door and operate the driver's side window up/down switch inside the vehicle;
2. Lift the switch until the window is fully closed, hold for more than 1 second, then release the switch;
3. Press the switch until the window is fully open, hold for more than 1 second;
4. Repeat the above steps 3 times to complete the window auto-learning.

CAUTION

The anti-pinch function may operate under the following conditions:

- A strong impact is detected while the window is closing.
- The window is closing in very low temperatures.

Modification and Add-On Equipment

▼Modification and Add-On Equipment

Mazda cannot guarantee the immobilizer and the theft-deterrent system's operation if the system has been modified or if any add-on equipment has been installed.

CAUTION

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

▼Immobilizer System

The immobilizer system allows the EV system to start only with a key the system recognises.

If someone attempts to start the EV system with an unrecognised key, the EV system 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).

CAUTION

- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the immobilizer system.
- 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, under direct sunlight.

▼Operation

Note

Signals from a TV or radio station, or from a transceiver or mobile phone could interfere with your immobilizer system. If you are using the proper key and the EV system fails to start, check the security indicator light.

Arming

Use the transmitter to lock the vehicle, you can open the immobilizer system.

Disarming

Using the transmitter to unlock the vehicle, you can disarm the immobilizer system.

If the EV system does not start after 3 or more tries, contact an expert repairer (we recommend an Authorised Mazda Repairer).

Theft-Deterrent System

▼Theft-Deterrent System

If the theft-deterrent system detects an inappropriate entry into the vehicle which could result in the vehicle 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.

▼Operation

Siren/horn triggering conditions

When the system is triggered by any of the following, the horn will sound intermittently for approximately 30 seconds and the hazard warning lights will flash for approximately 5 minutes.

- Unlocking a door with the mechanical key, door lock switch, or an inside door-lock knob.
- Forcing open a door, the bonnet or the liftgate.
- Opening the bonnet by operating the bonnet release handle.

If the system is triggered again, the lights and horn will activate until the driver's door or the hatchback liftgate is unlocked with the transmitter.

▼How to Arm the System

1. Close the windows securely.
2. Ensure the bonnet, the doors, and the liftgate are closed.
3. Press the lock switch on the transmitter. The hazard warning lights will flash twice.

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.
- The system will disarm if one of the following operations takes place within 15 seconds after pressing the lock switch:
  - Unlocking any door.
  - Opening any door.
  - Opening the bonnet.
- To rearm the system, do the arming procedure again.
- When the doors are locked by pressing the lock switch on the transmitter while the theft-deterrent system is armed, the hazard warning lights will flash twice to indicate that the 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 switch on the transmitter.

The hazard warning lights will flash twice.

Note

When the doors are unlocked by pressing the unlock switch on the transmitter while the theft-deterrent system is turned off, the hazard warning lights will flash once 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 switch on the transmitter.

The hazard warning lights will flash twice.

Floor Mats

▼Floor Mats

We recommend using genuine Mazda floor mats.

⚠WARNING

Ensure that the floor mats are secured with the retaining clips or pins to prevent them from sliding under the pedals (driver's side): Using unsecured floor mats is dangerous as they can interfere with the operation of the accelerator and brake pedals (-driver's side), potentially causing an accident. Use only floor mats that fit the driver's side floor shape and confirm they are correctly positioned.

Secure the floor mats with the retaining clips or pins.

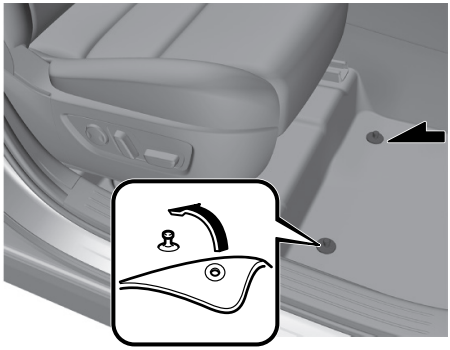
Depending on the type used, there are various methods to secure the floor mats, so secure them accordingly. After installing the floor mats, ensure they do not slide left or right, or forward and backward, and that there is enough space around the accelerator and brake pedals on the driver's side.

If you remove the floor mats for cleaning or other reasons, ensure to reinstall them securely, paying attention to the precautions mentioned earlier.

Do not install two floor mats on the driver's side (one on top of the other):
The retaining clips can only prevent one floor mat from sliding forward, so installing two floor mats on the driver's side (one on top of the other) is extremely dangerous.

Loose floor mats may interfere with the pedals, potentially causing an accident.

If using all-weather floor mats in the winter, be sure to remove the original floor mats.



When installing the floor mats, insert the floor mat's lock rings or pins into the retention clips to secure them.

Rocking the Vehicle

▼Rocking the Vehicle

⚠WARNING

Do not allow the wheels to spin at high speed, and do not let anyone stand behind the wheels when pushing the vehicle:
It is extremely dangerous to let the wheels spin at high speed when the vehicle is stuck. Spinning tyres can overheat and burst, which may cause serious injury.

⚠CAUTION

Excessive rocking of the vehicle may cause the electric drive system overheating, transmission failure, and wheel damage.

If you must rock the vehicle to free it from snow, sand, or mud, press the accelerator pedal lightly, then slowly shift the gear lever from D to R.

Winter Driving

▼Winter Driving

Carry emergency supplies in your vehicle, including tyre chains, a window scraper, flare tools, a small shovel, jumper cables, and a small bag of sand or salt. Have professional service personnel (we recommend an Authorised Mazda Repairer) check the following items:

- Ensure that there is enough antifreeze in the radiator.
- Inspect the battery and cables. Cold weather reduces battery capacity.
- Use a washer fluid that contains antifreeze, but do not use antifreeze coolant for the electric drive system as a washer fluid.

Note

- Clear snow from the vehicle before driving. Snow left on the windscreen is dangerous as it obstructs visibility.
- When removing ice or snow from the windows and windscreen, do not apply excessive force to the scraper.
- Do not use warm or hot water to remove snow or ice from the windows and mirrors as it may cause the glass to crack.
- Drive slowly. Snow and ice on the brakes can negatively affect braking performance. If this

occurs, drive slowly, release the accelerator pedal, and lightly apply the brakes several times until braking performance returns to normal.

▼Snow Tyre

⚠WARNING

All four tyres must be of the same size and type (snow tyres, radial or non-radial tyres).
Using tyres of different sizes or types is very dangerous. It can greatly affect vehicle handling and could result in an accident.

⚠CAUTION

Check local regulations before using snow tyres.

Note

If tyres with reinforced sidewalls are used, the tyre pressure monitoring system may not function properly.

Use Snow Tyre on All Four Wheels

Do not exceed the maximum permissible speed of the snow tyres or the legal speed limit.

▼Tyre Chains

Check local regulations before using tyre chains.

⚠CAUTION

- Chains may affect handling.
- Do not exceed 50 km/h (31 mph) or the chain manufacturer's recommended speed limit, whichever is lower.
- Drive carefully, avoiding bumps, potholes, and sharp turns.
- Avoid locking the wheels when braking.
- Do not use tyre chains on the temporary spare tyre as this may cause damage to the vehicle or tyre.
- Do not use chains on roads without snow or ice. The tyres and chains could be damaged.
- Chains may scratch or damage aluminum wheels.

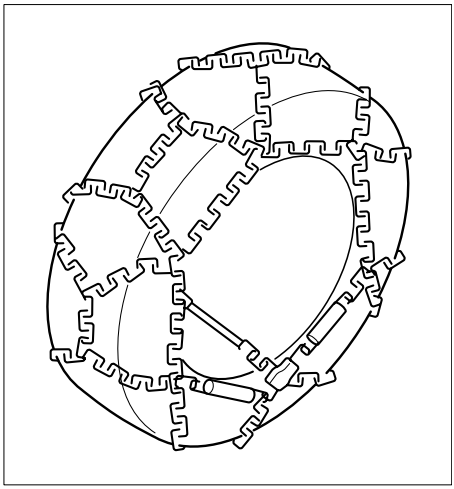
Note

The tyre pressure monitoring system may not function properly when tyre chains are used.

Install tyre chains only on the rear tyres. Do not use tyre chains on the front tyres.

Tyre Chain Selection

Mazda recommends using hexagonal steel ring chains. Select the appropriate type based on your tyre size.



Tyre Size	Tyre Chain
245/45 R19 102Y	Hexagon type

Installing Tyre Chains

1. Install the chains on the rear tyres. Always follow the chain manufacturer's instructions.
2. Retighten the chains after driving 0.5 – 1 km (0.3 – 0.6 mile).

Driving In Flooded Areas

▼Driving In Flooded Areas

WARNING

Drive slowly, release the accelerator pedal, and lightly apply the brakes several times to dry the wet brakes until braking performance returns to normal: Driving with wet brakes is extremely dangerous. Increased stopping distances or pulling to one side while braking can cause serious accidents. Lightly applying the brakes can help you determine if braking performance is affected.

CAUTION

Do not drive through flooded roads, as this can cause electrical/electronic component short circuits, electric drive system damage due to water immersion. If the vehicle becomes submerged, consult an expert repairer (we recommend an Authorised Mazda Repairer).

License Plate Installation

▼License Plate Installation

Install the license plate correctly according to local regulations, ensuring it is clearly visible.

Towing Hook

▼Towing Hook

This vehicle is equipped with a towing function, allowing it to tow items such as caravans or bicycle racks.

▼Towing Hook Installation

If you need to install a tow hook device, please contact an expert repairer (we recommend an Authorised Mazda Repairer).

Note

Towing hook are not available for models in Thailand, Singapore, Malaysia, Indonesia, Hong Kong/ Macau.

CAUTION

For more information, such as the additional weight or load limits, please refer to the detailed instructions in the electric tow hook's manual. Damage caused by using non-Mazda-approved accessories is not covered under warranty.

▼Towing Hook Unfold/Fold

After the tow hook is installed and the circuit is connected, the unfold/fold of the tow hook can be operated in the centre display. In the centre display, click to enter the "Vehicle Centre → Vehicle Settings" interface, and click the unfold/fold icon below the tow hook to control the status of the tow hook.

4 When Driving

Information concerning safer driving and stopping.

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Starting and Stopping the EV System

▼Starting the EV System

After unlocking the vehicle using a key (or Bluetooth key), the vehicle will automatically power on. Press the brake pedal to start the vehicle, and the "READY" indicator light on the dashboard will illuminate. Shift into D position to begin driving.



⚠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.

Note

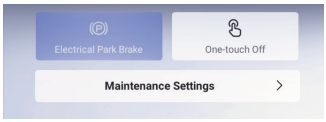
The vehicle cannot be driven while charging.

Note

1. If the vehicle is unlocked and powered on but no door is opened within 30 seconds, the vehicle will automatically lock and power off.
2. If the air conditioner was on before the vehicle was powered off, it will automatically turn on when the vehicle is powered on again.
3. If the light conditions are low, the headlights will automatically turn on when the vehicle is powered on.

▼Stopping the EV System

1. When the vehicle is in P position, the driver's seat is unoccupied, and all doors (including the liftgate) are closed, the vehicle will automatically power off when locked using a key (or Bluetooth® key).
2. When the vehicle is in P position, tap the "Vehicle Centre → Safety → One-touch OFF" icon on the centre display to power off the vehicle.



WARNING

Other than for an emergency situation, do not attempt to stop the EV system while driving the vehicle:
If the EV system is stopped while driving the vehicle, loss of brake power and power steering functions could occur, making it difficult to control the vehicle which could result in an accident.

Note

The "One-Tap PWR OFF" icon on the centre display can only be used when the vehicle is in P position.

After powering off the vehicle using the "One-Tap PWR OFF" icon on the centre display, you can power the vehicle back on using the Bluetooth® key.

▼Vehicle Parking

If the vehicle is parked for more than one month, the 12 V battery may become damaged due to excessive discharge.

When the vehicle needs to be parked for an extended period, keep the tyres away from oil, and as much as possible, away from direct sunlight and rain, to avoid high temperatures and humidity. Clean and preserve the rubber seals, close all doors, and lock the vehicle. If parked indoors, you may slightly open one window.

If stored for a long time, wash the vehicle and park it in a dry, well ventilated place. Inflate the tyres to the maximum pressure value specified on the pressure label, check tyre pressure monthly, and move the vehicle weekly to change the position of the tyres to prevent deformation.

Instrument Cluster

▼Instrument Cluster

The information displayed on the instrument cluster may vary depending on function settings, function usage, and different vehicle configurations. The function descriptions in the images are for reference only, please refer to the actual vehicle for accurate information.



1. Power Gauge: Displays the current output power of the vehicle;
2. Navigation: Displays current navigation information;
3. Indicator Lights: Indicator lights are distributed in different positions on the instrument cluster, reflecting the status of the vehicle's systems;
4. Speedometer: Displays the current driving speed of the vehicle;
5. Gear Position: Displays the current gear position (P/R/N/D);
6. Driving Information: Displays distance, power consumption, energy efficiency, driving time, tyre information, and phone status;
7. Energy Consumption Options: Displays the current method used to estimate the vehicle's energy consumption;
8. Battery Gauge: Displays the remaining battery level of the high voltage battery;
9. Range: Displays the combined range of electric power;

Instrument Cluster

10.Vehicle Warnings and Alerts: Displays alerts for features such as forward collision warning, automatic emergency braking, rear collision warning, blind spot warning, and others;
11.Driving Mode: Displays the current driving mode of the vehicle;
12.Temperature: Displays the current outside temperature;
13.Total Mileage: Displays the total mileage of the vehicle.

▼Instrument Cluster



1. Instrument Cluster
2. INFO switch

The instrument cluster indicates the following information.

- Tyre pressure
- Trip meter
- Residual energy
- Music

Instrument Cluster Indicator

The type of instrument cluster varies depending on your vehicle model and equipment. Please verify your vehicle model and equipment.



▼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
	Advanced Driver-Assistance Systems(ADAS)Status Symbol (Warning/Risk Avoidance Support System)*1
	High Voltage Battery Charging System Warning Indication/Warning Light*1
	EV System Problem Warning Indication/Warning Light*1
	Brake System Warning Indication/Warning Light*1
	Brake Control System Warning Indication/Warning Light*1
	High Beam Control Headlights (HBC) Warning Indication/Warning Light*1
	Seat Belt Indicator Light (Driver's Seat)
	Air Bag/Seat Belt Pretensioner System Warning Indication/Warning Light*1
	Tyre Pressure Monitoring System (TPMS) Warning Indication/Warning Light*1
	Life Detection Malfunction Indication/Warning Light*1

Instrument Cluster

Signal	Warning
	Lane Departure Warning Indicator/Warning Light*1
	Lane Departure Warning Malfunction Indicator/Warning Light*1
	Charging Status Indicator/Warning Light*1
	Output Restriction Warning Indication/Warning Light*1
	Remaining High Voltage Battery Power Warning Indication/Warning Light*1
	Power Steering Malfunction Indication/Indicator Light*1
	ABS Warning Indication/Warning Light*1
	Door-Ajar Warning Light
	Parking Brake Warning Indicator/Warning Light*1

*1. The light turns on when the power switch is switched ON for an operation check, and turns off a few seconds later or when the EV system is started. If the light does not turn on or remains on, have the vehicle inspected by 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
	Charging System Warning Indication/Warning Light*1
	Rear Fog Light Indicator Light
	Towing Hook Indicator Light*1
	Lights-On Indicator Light
	Direction Indicator/Hazard Warning Indicator Lights

Signal	Indicator
	Smart Brake Support OFF Indicator Light*1
	Smart Brake Support Indicator Light*1
	Over-Speed Warning Indication*1
	Warning Sign Indication*1
	Prohibition Sign Indication*1
	Intelligent Cruise Assist Indicator Light*1
	Keyless Start Prompt Indicator Light
	Fatigue Warning Indication*1
	Wrench Indication/Indicator Light*1
	CHARGE Indication*1
	Intelligent Speed Assistance (ISA) Standby Indication*1
	Traffic Light Indication*1
	Shift Position Indication
	Mazda Radar Cruise Control (MRCC) featuring Stop & Go Standby Indication*1
	Cruising & Traffic Support (CTS) Standby Indication*1
	Mazda Radar Cruise Control (MRCC) featuring Stop & Go Set Indication*1
	Cruising & Traffic Support (CTS) Set Indication*1
	Speed Limit Warning Indicator*1

Instrument Cluster

Signal	Indicator
	Low Beam Indicator/Indicator Light
	High Beam Indicator/Indicator Light
	High Beam Control Headlights (HBC) Indicator Light
	Life Detection OFF Indicator Light*1
	Electric Parking Brake (EPB) Indication/ Indicator Light*1*2
	Road Sign Display*1
SET	One-Touch Speed Limiter Indicator*1
	Intelligent Speed Assistance (ISA) OFF Indication*1
	AUTO HOLD Indicator Light*1
	Dynamic Stability Control (DSC) Indicator / Indicator Light*1
	Discharge Status Indicator / Indicator Light*1
	Dynamic Stability Control (DSC) OFF Indicator/Indicator Light*1
READY	READY Indication

*1. The indicator light turns on during a system check when the vehicle power is turned on and turns off after a few seconds or when the EV system is started. If the light does not turn on or remains on, have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

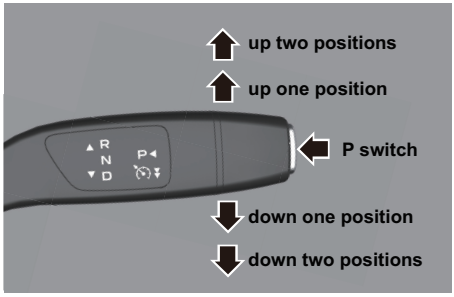
*2. This light remains illuminated when the parking brake is applied.

Electric Column Shift Position Functions

▼Electric Column Shift Position Functions

The gear can be shifted to R, N, or D by moving the steering columnmounted shifter up or down on the right side of the steering wheel. Press the P switch on the right side of the steering columnmounted shifter to shift to P. When shifting is successful, the corresponding gear is displayed on the instrument cluster, and the vehicle enters the selected gear.

If the gear shift fails, the system will provide an audible and text alert, and the vehicle will remain in its current gear.



The vehicle will automatically shift to P under the following conditions:

- The vehicle is powered off;
- The charging plug or discharging plug is inserted;
- The driver leaves the vehicle while it is not in P.

CAUTION

Always set the selector lever to P position and set the parking brake: Only setting the column shifter 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.

▼Gear Position Introduction

The vehicle includes the following four gear positions:

Park (P)

When the vehicle is stationary, press the brake pedal and then press the P switch on the electric column shift. The instrument cluster will display "P" indicating that the vehicle is in Park.

Reverse (R)

When the vehicle is stationary, press the brake pedal and move the electric column shift up two positions. The instrument cluster will display "R" indicating that the vehicle is in Reverse.

Neutral (N)

When the vehicle is stationary, press the brake pedal and move the electric column shift up or down one position. The instrument

cluster will display "N" indicating that the vehicle is in Neutral.

CAUTION

Do not shift into N when driving the vehicle:
Shifting into N while driving is dangerous. Deceleration using the regenerative braking is not possible which could result in an accident.

Drive (D)

When the vehicle is stationary, press the brake pedal and move the electric column shift down two positions. The instrument cluster will display "D", indicating that the vehicle is in Drive.

Note

- While driving, in emergency situations such as brake pedal failure, you can press and hold the P position for dynamic emergency braking.
- When the lead-acid battery is depleted, even if the electric column shift is moved to the P position, the parking lock will not function.

▼Electric Column Shift Operation

Current Gear: R

- When the vehicle is stationary, press the P switch to switch the vehicle to P gear.
- When the vehicle is stationary, move the steering column mounted shifter down one position; or while the vehicle is reversing, move the shifter down one position and hold for 1 second to switch the vehicle to N gear.
- When the vehicle is stationary, move the shifter down two positions to switch the vehicle to D gear.

Current Gear: N

- When the vehicle is stationary, press the P switch to switch the vehicle to P gear.
- When the vehicle is stationary (- brake pedal depressed), move the shifter up one position to switch the vehicle to R gear. While the vehicle is reversing, move the shifter up two positions to switch the vehicle to R gear.
- When the vehicle is stationary (- brake pedal depressed), move the shifter down one position to switch the vehicle to D gear. While the vehicle is moving forward, move the shifter down two positions to switch the vehicle to D gear.

Current Gear: D

- When the vehicle is stationary, press the P switch to switch the vehicle to P gear.
- When the vehicle is stationary, depress the brake pedal and move the shifter up two positions to switch the vehicle to R gear.

- When the vehicle is stationary, move the shifter up one position; or while the vehicle is moving forward, move the shifter up one position and hold for 1 second to switch the vehicle to N gear.

Current Gear: P

- Depress the brake pedal and move the shifter up two positions to switch the vehicle to R gear.
- Depress the brake pedal and move the shifter up or down one position to switch the vehicle to N gear.
- Depress the brake pedal and move the shifter down two positions to switch the vehicle to D gear.

CAUTION

Shifting into P, N or R while the vehicle is moving can damage your transmission.

Note

Apply the parking brake or depress the brake pedal before moving the shifter from N position to prevent the vehicle from moving unexpectedly.

▼Shift Position Indication

The corresponding gear information (P, R, N, D) will be displayed on the instrument cluster at position ①.



Lighting Control

▼Lighting Control Interface



Tap the corresponding icons on the centre display to turn on or off the respective light functions.

Height Adjustment: The vehicle's posture changes with load conditions, acceleration, or deceleration. You can adjust the tilt of the low beam headlight through the light interface on the centre display. Adjusting upwards increases the low beam's distance, while adjusting downwards decreases it.

CAUTION

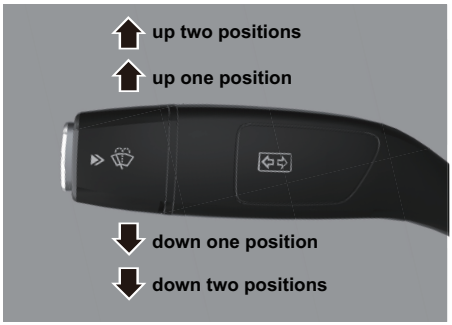
➢ Do not shade the light sensor by adhering a sticker or a label on the windshield. Otherwise the light sensor will not operate correctly.



Note

- Do not leave the headlights and exterior lights on while the EV system is turned off. Otherwise, the 12 V battery power could be depleted.
- 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).

▼Turn and Lane-Change Signals



Lane Change Signal: Move the lighting control lever up/down one position to activate the right/left lane change signal. The corresponding turn signal will flash 3 times and then turn off.

Turn Signal: Move the lighting control lever up/down two positions to activate the right/ left turn signal. The corresponding turn signal will flash. To turn off the turn signal, either allow the steering wheel to return to its original position (which automatically cancels the signal) or move the lighting control lever from its current position to the center (neutral) position by moving it one position in the opposite direction.

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).

High Beam:After turning on the low beams by tapping the low beam switch on the centre display, move the light control lever forward to switch from low beams to high beams. Move the lighting control lever forward again to switch back to low beams.

Full Beam: Pull the lighting control lever towards you to flash the high beams, and release it to turn them off.

High Beam Assist (HBA)

The High Beam Assist (HBA) shares the camera with the Lane Assist System. When the system detects the taillights of a vehicle ahead, the headlights of an oncoming vehicle, or when the ambient light is bright, it automatically dims the high beams (i.e., turns off the high beams). When the ambient light dims and no vehicles are detected ahead, the high beams will be automatically reactivated.

CAUTION

HBA is an assist function and may not be suitable for all driving conditions. You must maintain control of the vehicle, drive cautiously, and take full responsibility for the vehicle's operation.

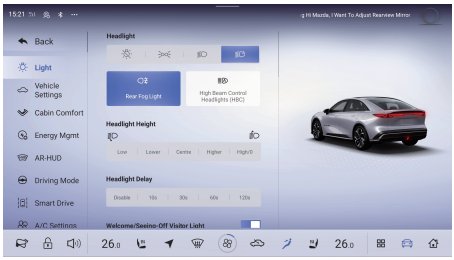
Under certain conditions, HBA will assist in switching the high beams. However, in the following scenarios or on certain roadways, the system may not switch the high beams, and manual control is required:

- When driving in heavy rain, dense fog, heavy snow, or through mud;
- When pedestrians or cyclists are present on or near the road;
- When making sharp turns.

If the lights of oncoming vehicles are blocked (e.g. by a median strip), the system may not turn off the high beams.

The automatic high beam function can be turned on/off through the main menu on the centre display by navigating to "Vehicle Centre→ Light".

When the function is activated, a white icon will appear at the top of the instrument cluster. Set the centre light icon to "AUTO" to put this function in standby mode.



When the function is in standby mode and the vehicle is driving at night at speeds above 30 km/h (19 mph), the system will automatically activate, and a green icon will appear at the top of the instrument cluster.

When the camera detects a vehicle ahead, streetlights, or an increase in ambient light, the system will automatically turn off the high beams.

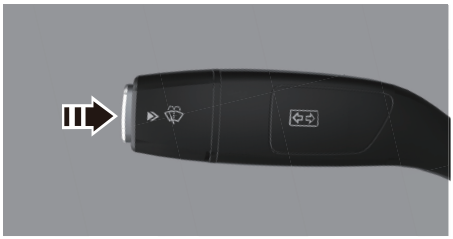
After the camera detects that the vehicle ahead has cleared for approximately 3 seconds, the high beams will be reactivated.

When the centre light icon is set to a position other than "AUTO", the system will remain in standby mode, and the high beams will no longer be automatically turned on and off.

Even when this function is activated, the driver can still manually switch between high and low beams using the centre display light icon.

Wipers and Washer

▼Wiper Control Lever



The wiper switch has two modes: Wiper Intermittent and Wiper Wash.

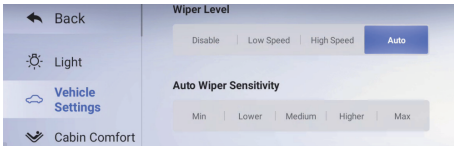
Wiper Intermittent: Lightly press the wiper switch to activate the Wiper Intermittent function.

Wiper Wash: Firmly press the wiper switch to activate the Wiper Wash function.

▼Wiper Control

To make the wiper swipe once, lightly press the wiper switch.

To adjust the wiper mode, tap the wiper option on the "Vehicle Settings" screen of the centre display.



Disable: The wiper is disabled;

Low Speed: The wiper operates continuously at low speed;

High Speed: The wiper operates continuously at high speed;

Auto: The wiper speed adjusts automatically.

CAUTION

- Do not shade the rain sensor by adhering a sticker or a label on the windshield. Otherwise the rain sensor will not operate correctly.



- When the vehicle is powered on and the wiper lever is in the AUTO position, the windshield wipers may operate automatically in the following cases:

- The area of the windshield above the rain sensor is touched or wiped with a cloth.
- The windshield or the rain sensor area in the cabin is hit.

▼Wiper Washer

Press the wiper washing switch firmly to start the washer spray, and the wipers will begin to move.

When the wiper is in the "Off" position, releasing the wiper washing switch will stop the washer spray, but the wipers will continue to move for a short period.

When the wipers are in "Low Speed", "High Speed", or "Auto" mode, releasing the wiper washing switch will stop the washer spray, and the wipers will resume their movement at the set speed.

⚠CAUTION

Do not operate the wiper washing system when the washer fluid is low to avoid damage to the washer motor.

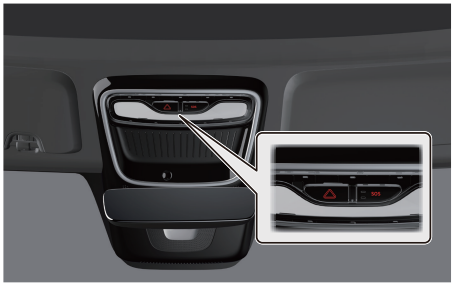
Do not operate the wipers on a dry or frost/ice-covered windshield to avoid damage to both the windshield and the wiper blades

When the temperature is below 0℃, please use antifreeze washer fluid.

Hazard Warning Flasher

▼Hazard Warning Flasher

Be sure to turn on the hazard warning lights when you have to stop urgently on or near the road.



Press the hazard warning light switch ⚠ located on the front map light panel to activate the hazard warning lights. All turn signals will flash. Press the switch again to turn them off. The hazard warning lights can still function after the vehicle is powered off.

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.

Sound Warnings and Alerts

▼Turn Signals

When the vehicle is powered on, and the instrument cluster receives left or right turn signals, the speaker will emit a chime synchronized with the flashing of the turn signals.

▼Door Not Closed

When the vehicle is switched on and the gear selector is in any position other than Park (P), and the vehicle is traveling at a speed exceeding 3 km/h (1.86 mph), if any door remains open, the speaker will emit a continuous audible alert. This alert will cease as soon as all doors are securely closed.

▼Seat Belt Reminder

When the vehicle is powered on, if any occupant's seat belt is unfastened and the driving distance exceeds 300 metres (984.25 feet) at a speed of 10 km/h (6 mph) or greater, an audible reminder will be activated. The warning will automatically cease after two minutes.

Note

- The audible alert operates in conjunction with the seat belt warning light.

▼Unlock Mode Change

When the vehicle is powered on and the unlock mode change is successful, the speaker will emit a chime to notify you.

▼Gear Shift

When the vehicle is powered on, a chime will sound to indicate a successful gear shift.

Brake System

▼Front and Rear Disc Brakes

This vehicle is equipped with hydraulic disc brakes. Pressing or releasing the brake pedal engages or disengages the braking system.

When starting the vehicle by pressing the brake pedal, the brake pedal may suddenly feel soft. This is a normal operation of the brake booster system.

⚠WARNING

Do not coast with the EV system stopped and stop the vehicle in a safe place:
Coasting the vehicle with the EV system stopped 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.

Do not continuously press the brake pedal or steadily apply brakes for long distances 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.

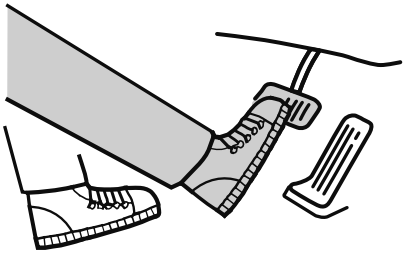
Dry off brakes that have become wet by driving slowly, releasing the accelerator pedal and lightly applying the brakes several times until the brake performance returns to normal:
Driving with wet brakes is dangerous. Increased stopping distance or the vehicle pulling to one side when braking could result in a serious accident. Light braking will indicate whether the brakes have been affected.

⚠CAUTION

- Ensure all brake system indicator lights are functioning properly before driving.
- The brake pads are equipped with a wear indicator. If you hear a metal scraping noise (-spring clip scraping the brake disc) during braking, consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.
- Do not continue driving once the brake pads are worn to their limit, as this can easily lead to accidents.
- 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.

▼Electronic Parking Brake (EPB)

The common functions of the EPB include: static parking, drive away assist, high-temperature reclamping, dynamic parking, and automatic parking on power-off. After the vehicle comes to a complete stop, pressing the P gear switch or tapping the "Electronic Parking Brake" icon on the centre display (Vehicle Centre → Safety→ Electrical Parking Brake (EPB)) will engage the parking brake, and the EPB indicator light (P) will illuminate (red). To release the parking brake, first depress the brake pedal, then shift from P to D/R/N, which will disengage the EPB, and the corresponding indicator light will turn off. It is normal for operational noise to occur when engaging or releasing the parking brake.

⚠WARNING

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 the vehicle, release the parking brake and make sure that the EPB indicator light in the instrument cluster turns off.

Apply the parking brake when leaving the vehicle:
Not applying the parking brake when parking the vehicle is dangerous as the vehicle may move unexpectedly and result in an accident. Before leaving the vehicle, apply the parking brake and make sure that the EPB indicator light in the instrument cluster turns on.

CAUTION

- When leaving the vehicle, please use the P gear for parking to ensure safety and reliability.
- If the rear caliper friction pads need replacement, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Note

- The parking brake cannot be applied or released while the vehicle battery is dead.
- The sound of the parking brake being applied or released can be heard, however, this does not indicate a problem.
- 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.
- The brake pedal may move while applying or releasing the parking brake, however, this does not indicate a problem.
- When using an automatic car wash which moves the vehicle with the front tyres mounted, it is necessary to cancel the parking brake auto operation before the vehicle enters the automatic car wash.
- Release the parking brake and use neutral hold mode (wash mode) when it is necessary to change the shift position to the N position for an automatic car wash.

▼Drive Away Assist (DAA)

DAA is one of the auxiliary functions of EPB. When DAA is working, the EPB can automatically release the parking brake when the conditions are met, so as to improve the convenience of starting.

DAA working conditions: Fasten the driver's seat belt, close the driver's door, gear in D or R gear, moderately press the accelerator pedal.

WARNING

- DAA can be used for reversing, please ensure safety.

▼High Temperature Re-Clamping Function (HTR)

The HTR is one of the electronic parking assistance functions. Multiple braking operations may cause the brake discs to overheat. To ensure parking safety, the HTR automatically activates, reclamping at intervals after parking to ensure parking effectiveness. During this time, a working sound may be heard, which is a normal phenomenon.

⚠WARNING

- After multiple continuous braking operations, try to park the vehicle on a flat surface to ensure parking safety.

▼Dynamic Braking Function (DBF)

The DBF is one of the electronic parking brake assist functions. While driving, holding down the P switch continuously can engage emergency braking. The DBF requires continuous pressing of the P switch to perform emergency braking. If the P switch is released, the brake will no longer be performed.

⚠WARNING

- DBF braking should only be used in emergency situations.

▼Power-Off Auto Parking Function (AUTO APPLY)

After the vehicle powers off, the EPB will automatically engage the parking function.

To ensure safety, please confirm that the auto parking function is engaged before leaving the vehicle. The following indicators show that the power-off auto parking function has been activated:

- The parking "P" light on the instrument cluster will illuminate for about 30 seconds after power-off;
- The rear brakes will emit a motor operation sound for about two seconds.

⚠WARNING

If you need a trailer, please be sure to click [Vehicle Centre] → [-Safety]→ [Trailer Mode] on the centre display to release the electronic parking (for details, see the "If Trouble Arises→Emergency Towing→Trailer Mode" section). If the trailer mode is not enabled for towing, the vehicle will be damaged.

AUTO HOLD

▼AUTO HOLD

AUTO HOLD helps the driver automatically hold the vehicle in place by maintaining brake pressure via the ESC. Even if the driver releases the brake pedal, the vehicle will not roll. Pressing the accelerator pedal under the right conditions will automatically release the parking hold, allowing the vehicle to start smoothly. Alternatively, after releasing the brake pedal, pressing the brake pedal firmly again will also automatically release the parking hold.

AUTO HOLD can assist the driver in the following situations:

- When starting, especially on steep slopes;
- When moving the vehicle on steep slopes;
- When the vehicle needs to wait during road driving.

AUTO HOLD operating conditions:

- The vehicle is completely stationary;
- The instrument cluster displays READY;
- The driver's door is closed;
- The driver's seat belt is fastened,and the driver's seat sensor detects someone sitting;
- The electronic parking brake warning light is off;
- The ESC system is on and functioning properly.
- Press the brake pedal deeply.

If there is a tendency for the vehicle to roll after AUTO HOLD is engaged, AUTO HOLD will automatically increase the brake pressure to prevent vehicle movement, accompanied by the sound of the ESC motor. If the vehicle shows a tendency to slide a second time, AUTO HOLD will automatically switch to the electronic parking brake; this is normal.

When starting the vehicle, if AUTO HOLD is active, pressing the accelerator pedal or pressing the brake pedal firmly again after releasing it will deactivate the auto hold.

⚠WARNING

Do not rely completely on the AUTO HOLD function:
The AUTO HOLD function is only designed to assist the brake operation while the vehicle is stopped. Neglecting to operate the brakes and relying only on the AUTO HOLD 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 AUTO HOLD function, the vehicle may move unexpectedly and result in an accident.

Do not use the AUTO HOLD 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 AUTO HOLD function, the vehicle may move unexpectedly and result in an accident. Operate the accelerator pedal, brakes, or steering wheel appropriately as necessary.

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.

CAUTION

- 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

- AUTO HOLD is factory-set to be enabled;
- When both AUTO HOLD and Hill Launch Assist (HLA) conditions are met, AUTO HOLD will take precedence, and the instrument cluster will illuminate Ⓐ when AUTO HOLD is active;
- AUTO HOLD will automatically switch to the electronic parking brake after approximately 3 minutes of continuous operation;
- When AUTO HOLD is engaged, the ESC operating sound may be heard, which is normal;
- AUTO HOLD is not a substitute for the electronic parking brake; please park safely to ensure the vehicle does not roll;
- If the driver's side door is opened while AUTO HOLD is active, AUTO HOLD will immediately disengage and switch to the electronic parking brake to prevent rolling;

- In the event of an AUTO HOLD malfunction, the instrument cluster will illuminate Ⓐ. Please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

Antilock Brake System (ABS)

In emergency situations or when driving on slippery roads, the ABS system prevents the wheels from locking up, helping the vehicle maintain steering capability and directional stability, thus enhancing vehicle control during braking.

When the ABS is active, the brake pedal may vibrate (pedal pulsation), and the ABS motor in the motor compartment may produce a working sound; this is a normal phenomenon.

Each time the vehicle powers on, the ABS will perform a dynamic self-check the first time the vehicle speed reaches 40 km/h (25 mph), producing a sound, which is normal.

⚠WARNING

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.

Note

- 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.
- You might hear the sound of a motor when starting the EV system or immediately after starting to drive the vehicle. However, it does not indicate a problem.

Traction Control System (TCS)

The TCS system helps maintain traction by detecting wheel slippage and controlling the braking torque and electric drive output torque to prevent or reduce wheel slippage. This enhances vehicle stability, acceleration performance, and climbing ability.

If the vehicle is stuck in snow, mud, or sand, it is recommended to turn off the traction control system to restore motor output torque and increase the power needed to overcome the obstacle.

⚠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.

Dynamic Stability Control (DSC)

The Dynamic Stability Control (DSC) system uses sensors to monitor the vehicle's status and controls the braking torque of the wheels or the output torque of the electric drive when the vehicle is in a critical stability state (such as during sharp turns or sudden lane changes). This enhances vehicle stability, effectively reduces the probability of accidents, and improves driving safety.

When the DSC is operational, the DSC function indicator light will flash, the brake pedal will vibrate slightly, and the sound of the DSC motor working can be heard from the motor compartment; these are all normal phenomena.

To activate or deactivate: Press the ESP OFF (ESC_OFF) icon on the centre display (Vehicle Centre → Driving Mode), the Dynamic Stability Control (DSC) OFF indicator light on the instrument panel will illuminate, and the DSC and TCS systems will be turned off. Press the ESP OFF (ESC_OFF) icon again, the indicator light will turn off, and the DSC and TCS will be activated.

When the DSC function malfunctions,the DSC function indicator on the instrument cluster is always on to remind you that the DSC function is in a fault state, consult an expert repairer (we recommend an Authorised Mazda Repairer).

⚠WARNING

In order to improve driving safety, it is recommended to enable the DSC function.

Hill Launch Assist (HLA)

The Hill Launch Assist (HLA) system facilitates a smoother start-up process on sloped surfaces. Upon releasing the brake pedal, this feature maintains the vehicle's static position momentarily, allowing sufficient time to engage the accelerator and initiate movement without the risk of rollback.

CAUTION

Should the vehicle remain stationary beyond an approximate duration of two seconds postbrake release, or should the driver fail to apply adequate acceleration, the HLA function will cease its operation. This cessation could potentially lead to vehicular rollback, thereby increasing the likelihood of accidents and associated injuries.

In the event that the driverside door is opened during the activation of the HLA mechanism, it will promptly deactivate and transition control to the electronic parking brake system, thus ensuring continued immobilization of the vehicle and prevention of unintended motion.

Note

- HLA is enabled by default.
- Operating sounds from the Dynamic Stability Control (DSC) during HLA activation are normal.
- HLA requires firm brake pedal application to activate.
- In the event of HLA system malfunction, contact an expert repairer (we recommend an Authorised Mazda Repairer) immediately.

Power Steering

▼Power Steering

The steering wheel feels light during low-speed manoeuvres and firm during high-speed driving, enhancing driving comfort and handling stability.

In the following situations, the Electric Power Steering (EPS) warning light does not illuminate, but the driver may feel the steering is heavy. This is a normal condition:

- If the vehicle is stationary and the steering wheel is frequently operated or turned for a long period, the power assist effect of the electric steering system may decrease to prevent the system from overheating. In this case, avoid turning the steering wheel and wait for the system to cool down before operating again.

Note

- Frequent turning of the steering wheel while the vehicle is stationary may damage the Electric Power Steering system.
- When turning the steering wheel, you may hear a sound from the power assist motor (a humming noise), which is normal.
- Do not disassemble or replace the steering gear, steering column, or steering wheel by yourself. If replacement is necessary, consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

⚠CAUTION

➢ Do not hold the steering wheel at the maximum position for more than 10 seconds, as this may damage the power assist motor.

Drive Mode Selection

▼Introduction to Driving Modes

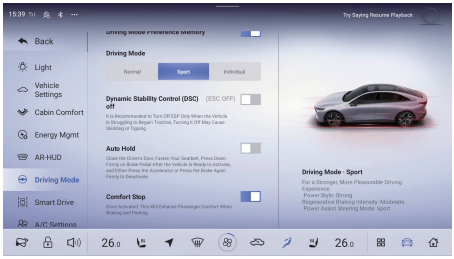
There are three driving modes: Normal Mode, Sport Mode, and Individual Mode. Users can select and configure different driving modes in the "Driving Mode" option on the centre display.

Normal Mode



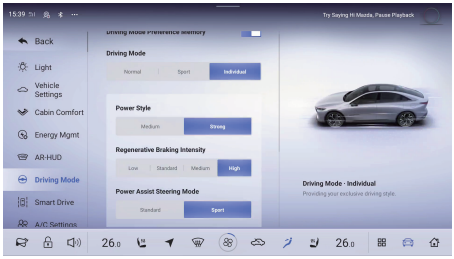
In this mode, the vehicle's acceleration performance is smooth, deceleration when releasing the accelerator pedal is gentle, the steering wheel feels light, and the brake pedal feels light, providing an overall comfortable driving experience.

Sport Mode



In this mode, the vehicle's acceleration performance is stronger, deceleration when releasing the accelerator pedal is medium, the steering wheel feels heavier, and the brake pedal feels firmer, providing an overall sportier driving experience.

Individual Mode



In this mode, users can customize the driving performance to a certain extent:

- Power Style: Medium (balanced power delivery), Strong (–powerful power delivery);
- Energy Recovery Intensity: Low (no energy recovery during coasting), Standard (–comfortable deceleration during coasting), Medium (–moderate deceleration during coasting), Strong (strong deceleration during coasting);
- Steering Power Mode: Standard (moderate power steering assistance, moderate steering feel), Sport (reduced power steering assistance, firmer steering feel);

Note

1. When the high-voltage battery is fully charged or at a higher charge level, the deceleration feeling after releasing the accelerator pedal is reduced in all driving modes. As the battery charge decreases, it will gradually return to normal.
2. When the accelerator pedal is released, if the deceleration generated by energy recovery is significant, the vehicle will activate the brake lights.
3. When a trailer is connected, the system automatically switches to Sport Mode for more stable driving. Users may choose to switch to other modes if preferred.

Driving Tips

▼High-Speed Driving

- Maintain proper tyre pressure.
- The higher the speed, the longer the braking distance. Adjust brake pedal pressure according to the speed.
- Maintain a safe distance from the vehicle ahead.
- Reduce speed and grip the steering wheel firmly when passing through mountain passes, overtaking large vehicles, or driving through tunnel entrances, as crosswinds may affect the vehicle.

⚠WARNING

Avoid high-speed driving at night, in rainy conditions, when crossing water, or on slippery roads.

▼Night Driving

- Avoid high-speed driving and maintain a safe distance from the vehicle ahead
- Adjust the rear-view mirror before driving to reduce glare.
- Ensure the headlights are clean before driving to avoid obstructed vision.
- Check the low beam, high beam, turn signals, horn, and other equipment for proper functionality before driving.

▼Driving in Rainy Conditions

- Drive slowly and maintain a safe distance from the vehicle ahead. Heavy rain can reduce visibility and increase braking distances.
- Check the condition of the wipers before driving.
- Inspect the tyres before driving, as poor tyre condition can lead to skidding or accidents.
- Lightly press the brake pedal several times while driving to remove water from the brake discs and pads, restoring normal braking performance.

⚠WARNING

Always turn on the headlights when driving in the rain to ensure visibility to others.

▼Driving in Waterlogged Areas

- Avoid potholes and waterlogged areas while driving to prevent water from entering high-voltage electrical components.
- Reduce speed as much as possible, and do not press the brake pedal when both the left and right wheels are simultaneously passing through a waterlogged area to avoid skidding.
- Do not exceed the recommended wading depth, as this could damage the electrical system and the reducer.
- After driving through water, lightly press the brake pedal several times to restore the brakes to a dry condition.

▼Mud Driving

- Avoid high-speed driving and sudden acceleration.
- Avoid using heavily worn tyres whenever possible.
- Perform maintenance on the vehicle after long-distance driving in muddy conditions.

▼Hill Driving

When climbing a hill, adjust the depth of accelerator pedal pressure according to the slope gradient and vehicle speed to improve the vehicle's hill-climbing ability.

⚠WARNING

Coasting in neutral is strictly prohibited when driving on hills.

Advanced Driver-Assistance System (ADAS)

▼Advanced Driver-Assistance System (ADAS)

Advanced Driver-Assistance Systems (ADAS) is a collective term covering a series of advanced safety and driver support systems which make use of cameras and sensors. These systems include both active safety features and pre-collision safety systems.

ADAS systems are designed to enhance driving safety by reducing driver workload and either preventing collisions or minimizing their impact. Whilst ADAS provides valuable assistance, it has limitations. Drivers must remain vigilant and not depend entirely on these features.

⚠WARNING

When using the electric tow hook, the following functions will be disabled: Adaptive Cruise Control (ACC), Intelligent Adaptive Cruise Control (Cruising&Traffic Support (CTS)), Lane Keeping Assist (LAS), Emergency Lane Keeping (ELK), Lane Change Assist (LCA), Blind Spot Detection (BSD), Door Open Warning (DOW), Rear Collision Warning (RCW), Rear Cross Traffic Alert (RCTA) and Rear Cross Traffic Braking (RCTB), etc.

Smart Brake Support (SBS)

▼System Overview

The Smart Brake Support (SBS) includes forward obstruction warning and automatic emergency braking.

The forward obstruction warning alerts the driver to brake in time when there is a risk of rear-end collision with the vehicle ahead.

If the driver's braking force is inadequate, Smart Brake Support (SBS) provides additional braking assistance. In the absence of driver response, the system automatically applies full braking force to prevent or reduce collision impact.

Please read carefully and familiarize yourself with all the contents of this chapter.

CAUTION

- Smart Brake Support (SBS) can only assist the driver in specific situations. At all times, the driver has the highest control over the vehicle and is fully responsible for ensuring driving safety.
- Smart Brake Support (SBS) functions only for vehicles ahead in the same lane, whether moving or stationary. It does not work for oncoming vehicles, vehicles crossing laterally, pedestrians (except for models equipped with Cruising&Traffic Support (CTS)), animals, and other objects on the road. It may not work for targets with small radar reflections such as motorcycles and bicycles.
- Due to the system's inherent limitations, false triggers cannot be completely avoided.

Smart Brake Support (SBS) uses the front radar sensors shared with the MRCC system to detect vehicles ahead. On models equipped with Cruising&Traffic Support (CTS), Smart Brake Support (SBS) will integrate the front radar sensors and the front intelligent camera to identify targets ahead. The detection limitations of the radar and camera will similarly affect the performance of the Smart Brake Support (SBS).

CAUTION

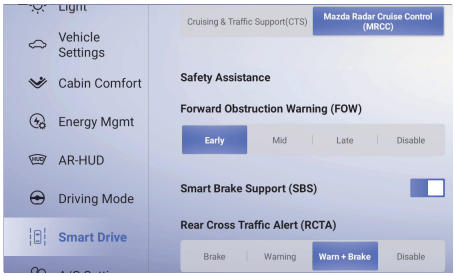
The system's detection capabilities may be affected by complex traffic conditions, road environments, weather conditions and other variables. In (but not limited to) the following situations, Smart Brake Support (SBS) may not trigger or its performance may be degraded.

Please do not rely excessively on Smart Brake Support (SBS), and do not intentionally test or deliberately wait for Smart Brake Support (SBS) to trigger:

- Severe weather (such as heavy rain, heavy snow, hail, etc.) and slippery road surfaces (such as icy, snowy, wet, or waterlogged road sections, etc.).
- For targets cutting in, targets detected only after your vehicle changes lanes, targets in sharp curves, and targets that brake urgently at close range, etc.
- Environments where the radar is interfered with (such as electromagnetic interference, transformer stations, underground parking lots, tunnels, iron bridges, rail tracks, construction areas, width and height restriction gates, etc.).
- When the radar installation position changes, such as when subjected to strong vibrations or minor collisions.
- The camera may not operate in cold, harsh weather conditions. Rain, snow, fog, and low light can affect the camera's recognition of pedestrians, reducing the performance of Smart Brake Support (SBS) for pedestrians.
- When sensors are blocked by bird droppings, mud, ice, insects, etc.
- Structural modifications to the vehicle (such as lowering the chassis height, changing the front license plate mounting plate, etc.) may reduce the performance of Smart Brake Support (SBS) or increase the false trigger rate.
- The driver pressed the accelerator pedal deeply.
- The target is a special vehicle with an irregular shape and no obvious rear profile.

▼To Operate the System

In the centre display, go to "Vehicle Centre → Smart Drive → Safety Assistance" interface to turn on or off the two functions: "Forward Collision Warning" and "-Autonomous Emergency Braking".



CAUTION

The automatic emergency braking assist function must be turned off in the following situations:

- When the vehicle is being towed;
- When the vehicle is on a dynamometer;
- When the radar installation position has changed (such as after a rear-end collision).

▼When the System Operates

If the driver applies insufficient braking force after the forward collision warning alerts, the automatic emergency braking will assist the driver in braking. The instrument cluster will display "-There is a collision risk, please apply automatic emergency braking". This function is effective when the vehicle speed is within the following ranges:

- For stationary vehicles:
  4 km/h (2.5 mph) ~ 85 km/h (52 mph);
- For moving vehicles:
  4 km/h (2.5 mph) ~ 150 km/h (90 mph);
- For pedestrians:
  4 km/h (2.5 mph) ~ 85 km/h (52 mph);
- For lateral cyclists at speeds (10 ~ 30 km/h) (5 ~ 20 mph);
  4 km/h (2.5 mph) ~ 85 km/h (52 mph);

Note

- The Smart Brake Support (SBS) is a background working system that will not be noticed by the driver. Even if a target ahead is detected by the system, it will not trigger an alarm or automatic braking before the danger level reaches a certain threshold.
- To reduce braking response time, when the system detects a collision risk, it will proactively build up brake fluid pressure based on the level of danger. During this process, the ESC's electromagnetic valve and motor will work, and the driver may hear a "ticking" sound. This is a normal phenomenon when the Smart Brake Support (SBS) is working.



The system will not function in the following situations (not limited to):

- Automatic emergency braking function is turned off;
- The driver is not fasten a seat belt;
- The gear is not in D (Drive);
- Vehicle speed is outside the operating speed range;
- The driver is braking or actively steering;
- The driver is sharply pressing the accelerator pedal;
- The vehicle is powered off;
- The system determines that the collision risk has been resolved;
- The vehicle is unstable;
- The system is initializing;
- ESC system malfunction;
- Automatic emergency braking system malfunction;
- Radar is obstructed;
- Camera is obstructed (for pedestrians and cyclists).

Note

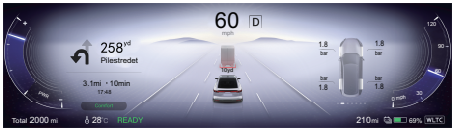
- The Smart Brake Support (SBS) actively brakes the vehicle to a safe stop. Two seconds after the vehicle comes to a complete stop, the system will release the brakes. The driver must promptly take control of the vehicle (such as by pressing the brake pedal).

Forward Obstruction Warning (FOW)

▼Forward Obstruction Warning (FOW)

The vehicle detects objects in front and, when it identifies a collision risk with a front target (vehicle), it alerts the driver through sound and text prompts to ensure driving safety.

When following too closely for an extended period, the instrument cluster will prompt "Please maintain a safe distance". This warning only applies to moving vehicles when the vehicle speed is 60 km/h ~ 150 km/h (40 mph ~ 90 mph).



The forward obstruction warning function will not work in the following situations:

- Forward obstruction warning function is turned off;
- The gear is not in D (Drive);
- Vehicle speed is outside the operating speed range;
- The driver is braking or actively steering;
- The driver is sharply pressing the accelerator pedal;
- The vehicle is powered off;
- The system determines that the collision risk has been resolved;
- The vehicle is unstable;
- The system is initializing;
- ESC system malfunction;
- Instrument cluster malfunction;
- Automatic emergency braking system malfunction;
- Radar is obstructed;
- Camera is obstructed.

The Forward Obstruction Warning (FOW) function's sensitivity is divided into three levels: early, centre, and late. Higher sensitivity triggers warnings earlier and more frequently.

When the vehicle is traveling at medium to high speeds, if there is a risk of collision with a target ahead, the centre display will show a "Collision Risk" warning and emit a continuous sound alarm. Pedestrians can only be recognized by models that have integrated the front-view camera, and the detection limitations of both the camera and radar will affect the performance of the pedestrian automatic emergency braking system. This warning functions when the vehicle speed is in the following range:

- For stationary vehicles: 8 – 150 km/h (5 – 90 mph);
- For moving vehicles: 8 – 150 km/h (5 – 90 mph);

- For crossing pedestrians: 8 - 85 km/h (5 - 52 mph).

High Beam Control Headlights (HBC)

▼System Overview

The High Beam Control Headlights (HBC) system has two functional modes:

1. Automatically controls headlight activation based on external light intensity detected by the front-view camera or light sensor;
2. The High Beam Control Headlights (HBC) system intelligently switches between high and low beams by sensing the lights of oncoming vehicles through the front-view camera.

CAUTION

- 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 High Beam Control Headlights (HBC) and drive the vehicle while paying sufficient attention to safety. Switch the headlights between the high beams and low beams manually if necessary.

▼To Operate the System

There are two ways to turn on the function of high beam control headlights:

1. Access the control centre on the centre display, tap High Beam Control Headlights to turn on/off this function.
2. On the main screen of the central control display, click "-Vehicle Center" → "Lights" in turn, then touch high beam control headlights to turn on/off this function.

After activating the function, a white icon appears above the instrument cluster. At this time, set the central light icon to "AUTO", and the function enters standby mode.



When the function is in standby mode, while driving at night, the function automatically activates when the vehicle speed is above 30 km/h (19 mph), and a green icon is displayed above the instrument cluster.

When the camera detects vehicles ahead, street lights, or increased ambient brightness, the function

automatically turns off the high beams.

The high beams will turn back on about 3 seconds after the camera detects that the vehicles ahead have disappeared.

When the central light icon is set to a position other than "AUTO", the function enters standby mode and no longer automatically turns on and off the high beams.

Even after activating this function, the driver can still manually switch between high and low beams using the light icon on the centre display.

The system will not function in the following situations (not limited to):

1. ABS or ESP is activated (no switching between high and low beams);
2. Fog lights are on and the camera detects heavy fog;
3. The steering wheel angle is too large;
4. The vehicle's lateral acceleration is too high;
5. The vehicle's yaw rate is too high;
6. High-speed wipers: When operating at high speed for more than 60 seconds.

Lane Keeping Assist (LAS) System

▼System Overview

Lane Keeping Assist (LAS) system uses a front-view camera to identify the lane markings of the road being traveled and calculate the relative position of the vehicle to the lane. When the driver unintentionally deviates from the lane, the system issues a warning to alert the driver. When the vehicle is about to drift off the lane line, the system controls the steering system to actively steer and correct the direction, ensuring that the vehicle remains within the lane.

Lane Keeping Assist (LAS) system includes the Lane Departure Warning (LDW) System and the Lane Departure Prevention (LDP) System.

▼Function Selection

If this function is equipped, click [-Vehicle Centre]→[Smart Drive]→[Driving Assistance] in the centre display, and set system auxiliary modes when the vehicle deviates from the lane: Correction, Warning, Corr + Warn and Disable.



If you choose the [Correction] option, when the vehicle deviates from the lane, the system will briefly offer assisted steering to correct the vehicle's path.

If you choose the [Warning] option, when the vehicle deviates from the lane, the system will give a lane departure warning.

For these two choices above, the indicator light of the lane departure warning system in the instrument cluster display turns green.

If you pick the [Correction + Warning] option, when the vehicle deviates from the lane, the system will give a lane departure warning and briefly provide assisted steering to correct the vehicle's path.

If you choose [Disable] option, the indicator light of the lane departure warning system in the instrument cluster display turns orange.

If there's currently an audible or steering wheel vibration alarm, the current status icon will flash.

▼Lane Departure Warning (LDW) System Overview

The Lane Departure Warning (LDW) system is an auxiliary warning system that alerts drivers when they unintentionally deviate from their lane during high speed driving conditions. It uses an intelligent front-view camera installed behind the windscreen to detect lane markings in front of the vehicle. When the vehicle crosses lane markings, it alerts the driver through visual, audio, or steering wheel vibration warnings.

⚠WARNING

- LDW is an auxiliary function and cannot guarantee suitability for all driving situations. You must maintain control of the vehicle, drive cautiously, and take full responsibility for vehicle operation.
- The system will only potentially trigger warnings or corrections (if equipped with correction function) when it is activated and recognizes lane markings that meet relevant regulatory requirements.
- The system may not function normally under adverse weather conditions. Rain, snow, fog, and strong contrast light (such as entering or exiting tunnels) can all affect system functionality.
- The system may not operate or may issue false alarms in the following conditions or road sections:
  1. Temporary construction markings on the road;
  2. Roads with standing water or cracks;
  3. Lane markings covered by dust, snow accumulation, etc.;
  4. Sensors being obstructed;
  5. Sharp turns or narrow roads.
- Windscreen repairs near the sensor (interior rear-view mirror position) are strictly prohibited. Any cracks will affect camera recognition effectiveness, and the entire windscreen must be replaced.

▼To Operate the System

1. Select "Warning" mode in "Lane Departure Switch" on the centre display;
2. Vehicle speed between 60 ~ 150 km/h (40 ~ 90 mph);

3. Both lane markings are visible;
4. Not in a low-speed curve;
5. Lane width is sufficient (vehicle width + 1 m (3.28 ft) < width < 4.5 m (14.76 ft));
6. The vehicle is in a stable state;
7. No obvious lane change operation by the driver;
8. The vehicle is not in the process of changing lanes.

After turning on the LDW function:

- When the vehicle speed is less than 60 km/h (40 mph), the system is in standby mode, and the lane departure warning system status indicator on the instrument cluster is white;
- When the vehicle speed is greater than 60 km/h (40 mph), the system automatically enters the activated state, and the lane departure warning system status indicator on the instrument cluster turns green.

If the sensor recognizes lane markings on both sides, the lane markings are filled in white (if only one side is recognized, only that side is filled; if neither side is recognized, both remain grey).



CAUTION

The driver should always be fully responsible for correctly controlling the vehicle and maintaining safety:

- The system will not continuously warn or correct. When the system issues a departure warning or provides steering assistance, the driver should immediately correct the vehicle's trajectory to ensure driving safety.
- Under system limitations, such as rain, snow, fog, dusty weather, poor visibility, etc., departure warnings or steering assistance may not be issued or may be issued late. Please do not use the system under these limited conditions.
- The corrective steering assistance provided by the system may not be able to prevent the vehicle from departing from the lane, such as on wet and slippery roads, sharp curves, or at excessive speeds.

▼Warning Mode

You can select the lane departure warning method in the centre display under "Vehicle Centre → Smart Drive":

1. Sound warning;
2. Vibration warning;
3. Sound warning + Vibration warning.

The instrument panel visualwarning method is as follows: thelane markings display orangeduring departure warning/ correction. For details, please refer to the "(Cruising Traffic Support (-CTS))→Instrument Cluster Interface" section.

When a lane departure warning occurs, please immediately correct the vehicle's direction.

▼Troubleshooting

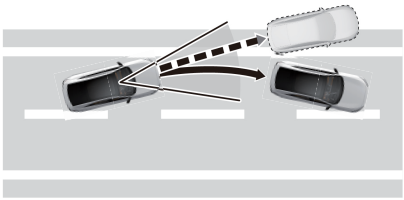
When LDW detects that the camera is obstructed, system malfunction, uncalibrated, or related systems have failed, the LDW indicator on the instrument cluster turns orange , and the instrument cluster displays corresponding prompts:

1. Front intelligent camera obstructed;
2. Lane assistance system malfunction;
3. Lane assistance system communication abnormal.

If the fault prompt does not automatically clear after a long time, and the fault still exists after restarting the vehicle, have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

▼Lane Departure Prevention (LDP) System

When the Lane Departure Prevention (LDP) system is activated, if the vehicle unintentionally deviates from its driving lane, under conditions that meet the function's criteria, the LDP applies a countersteering torque to assist the driver in keeping the vehicle within the normal driving lane. Simultaneously, the lane line on the departure side is highlighted in orange on the instrument cluster, alerting the driver to control the vehicle promptly.



▼Warnings and Precautions When Using the System

WARNING

Do not rely entirely on Lane Departure Prevention (LDP) system.

- LDP is not an autonomous driving system. Overreliance on this system may lead to accidents.
- LDP has limitations. Do not rely completely on this system; always use the steering wheel to maintain your driving lane.

Do not use LDP under these conditions: (Unsafe operation may result in accidents).

- When the vehicle is driving on slippery roads, such as icy, snow-covered, or unpaved roads.
- When using non-specified tyre sizes, such as when using tyre chains or a temporary spare tyre.
- When using tyres with severely worn treads.
- When tyre pressure has not been adjusted to the specified pressure.
- When the vehicle is being used to tow a camping trailer or boat trailer.
- When the vehicle is driving on roads other than highways with white (yellow) lane markings.

CAUTION

- Follow these precautions to ensure LDP functions properly
  - Do not modify the vehicle's suspension.
  - Always use wheels of the specified size for both front and rear wheels. For tyre replacement, consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼To Operate the System

LDP operates to assist steering wheel operation when all of the following conditions are met.

- In the centre display, select "-Correction" mode in the "Lane Departure Switch" settings.
- The vehicle speed is approximately 60 km/h (40 mph) or faster;
- The system detects white (-yellow) lane lines;
- The Cruising & Traffic Support (CTS) steering assist function is not operating;
- The system determines that the vehicle may deviate from its lane.

When steering wheel operation assistance is working, the driver is notified via the screen display.

Additionally, even when steering wheel operation assistance is working, a warning sound will be activated if the driver is not operating the steering wheel.

Note

If the system determines that the driver is driving with hands off the steering wheel while the steering wheel operation assistance is working, and this situation continues repeatedly for a certain period, a warning sound will be activated. The more times the steering wheel operation assistance works, the longer the warning sound will be activated.

- LDP only works on the side where white (yellow) lines are detected.
- LDP may not function normally if any of the following conditions are met.
    - The forward sensing camera (LDP) has difficulty detecting target objects.
    - The visibility of white (-yellow) lane lines is poor.

LDP Temporary Cancellation

LDP is temporarily canceled if any of the following conditions are met. LDP operation automatically resumes when the system's operating conditions are met.

- The turn signal lever is operated.
- The steering wheel is suddenly operated.
- The accelerator pedal is suddenly depressed.
- The brake pedal is depressed.
- TCS/DSC is operating.
- TCS/DSC is turned off.

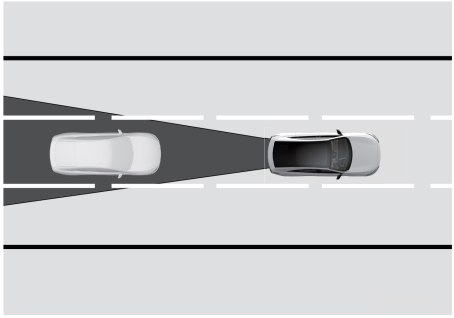
Rear Collision Warning (RCW)

▼Rear Collision Warning

When enabled in Drive (D) gear, the rear collision warning system alerts you through the instrument panel display, warning messages, and audible alerts if it detects a vehicle rapidly approaching from behind with risk of collision. At the same time, the hazard warning lights (double flashing) flash rapidly to remind the vehicle behind.



Detection Zone



Operating Conditions

The rear collision warning system operates only when all of the following conditions are met:

1. The transmission is in Drive (D);
2. Vehicle speed is 0 ~ 150 km/h (90 mph);
3. The system is activated;
4. The vehicle is powered on.

⚠WARNING

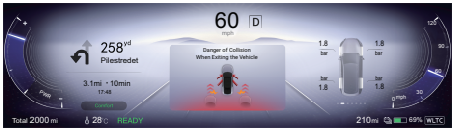
Do not completely rely on rear collision warning system.

- The rear collision warning system has limitations and cannot prevent all collisions. Do not completely rely on this system, as excessive dependence on it may lead to accidents.

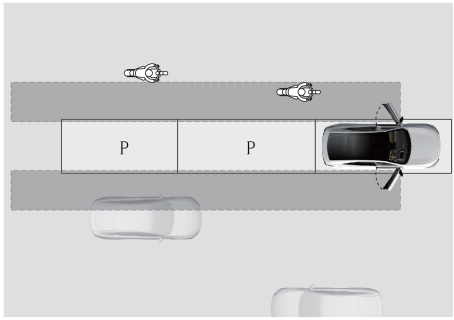
Door Open Warning (DOW)

▼Door Open Warning (DOW)

The Door Open Warning (DOW) system helps protect vehicle occupants by detecting approaching vehicles when parked. If a collision risk is detected while opening doors, the system provides three types of alerts: Flashing indicators on the rear-view mirrors, warning messages on the instrument cluster, and audible alerts (which can be turned off via the settings menu).



Detection Zone



Operating Conditions

The DOW system activates only when all these conditions are met:

1. Vehicle is running and doors are unlocked;
2. Doors are unlocked within 5 minutes of powering off the vehicle;
3. DOW function switch of system is turned on and left/right module functions properly;
4. Approaching vehicle speed difference is 2 km/h (1 mph) or greater;
5. System detects potential collision risk from side or rear traffic.

Troubleshooting

In the following situations, the instrument cluster will display "-Rear Assist Radar Fault", and the warning indicator on the exterior rear-view mirror will remain illuminated.

- The radar sensor malfunctions;
- Malfunction of other related control units;
- The radar sensor's position has been damaged by external forces such as impact, or its installation position exceeds the normal operating range of the radar.

In the following situations, the instrument cluster will display "-Rear Assist Radar Blocked", and the warning indicator on the exterior rear-view mirror will remain illuminated.

- The radar sensor is obstructed by mud, ice, snow, modifications/additional accessories, or stickers.

If the radar is obstructed, please remove any additional accessories or stickers from the radar sensor area. If driving on muddy roads for an extended period, try washing the inner and outer surfaces of the bumper where the radar sensor is located, and always keep the sensor and surrounding area clean.

If the system fault message persists, have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

CAUTION

- Each time the vehicle is powered on, the warning indicator on the rear-view mirror will illuminate. If it turns off after 3 seconds, it indicates that the system is functioning normally.

WARNING

Do not completely rely on Door Open Warning (DOW).

- Door Open Warning (DOW) has limitations. Do not completely rely on this system, as excessive dependence on it may lead to accidents.

Emergency Lane Keeping (ELK)

▼System Overview

The Emergency Lane Keeping (ELK) is a system that intervenes by applying a countersteering force when there is a risk of collision with the roadside barrier at medium to high speeds, when the vehicle deviates from the edge of the road, or when there is a risk of collision with "oncoming traffic" or "rear-approaching traffic". It is designed to avoid or reduce the damage caused by collisions by detecting the lane markings and the edge of the road as well as oncoming traffic using an intelligent front-view camera installed behind the windscreen, and detecting rear-approaching traffic using millimeter wave radars installed on both sides of the rear bumper. ELK consists of Emergency Lane Keeping Based on Road Edge (ELK-re), Emergency Lane Keeping Based on Oncoming Traffic (ELK-O), and Emergency Lane Keeping Based on Rear-Approaching Traffic (ELK-LCS).

Note

ELK is an auxiliary function and cannot guarantee applicability in all driving situations. You must maintain control of the vehicle, drive cautiously, and take full responsibility for vehicle operation.

The system can only potentially trigger the ELK function when it is activated and the lane markings meet relevant regulatory requirements.

The system may not function normally under adverse weather conditions. Rain, snow, fog, strong contrast light (such as entering or exiting tunnels) can all affect system functionality.

The system may not operate or may trigger false corrections in the following conditions or road sections:

- Temporary construction markings on the road;
- Roads with standing water or cracks;
- Lane markings covered by dust, snow accumulation, etc.;
- Sensors being obstructed;
- Sharp turns or narrow roads;
- Towing a vehicle behind your vehicle.

WARNING

Do not rely completely on the ELK.

- The ELK function has limitations. Do not completely rely on this system, as excessive dependence on it may lead to accidents.

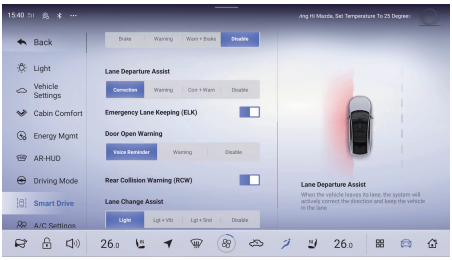
CAUTION

It is strictly prohibited to perform windscreen repairs near the sensor (interior rear-view mirror position). Any cracks will affect the camera's recognition effectiveness, and the entire front windscreen must be replaced.

Slight movement of the radar sensor may cause the system to malfunction. If the sensor or surrounding area is impacted, have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

▼Usage Instructions

After the vehicle is powered on, tap [Vehicle Centre] → [Smart Drive] to enable or disable the "Emergency Lane Keeping" function.



After enabling the Emergency Lane Keeping (ELK) function, when the vehicle speed exceeds the system's operating speed (ELK_LCS: 40 km/h (25 mph), ELK_re: 60 km/h (40 mph)), the system enters standby mode. If the sensors detect lane markings on both sides and there is a risk of collision with "rear-approaching traffic" when the vehicle deviates from the lane, or if there is a risk of collision with road boundary barriers, the system will intervene briefly to correct the vehicle's trajectory.

CAUTION

The driver should always be fully responsible for correctly controlling the vehicle and maintaining safety:

➢ The system will not provide continuous steering assistance. When the system provides steering assistance, the driver should immediately correct the

vehicle's trajectory to ensure driving safety.

- Under system limitations, such as rain, snow, fog, dusty weather or poor visibility, steering assistance may not be triggered or may be falsely triggered. Please do not use the system under these limiting conditions.

▼Troubleshooting

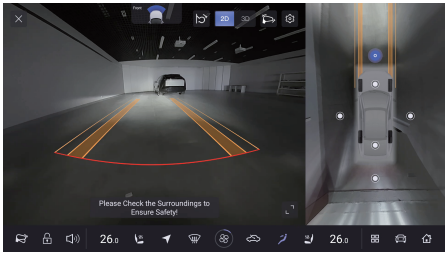
When the front-view camera, side millimeter wave radar, or related systems malfunction, it will result in the corresponding ELK function becoming unavailable. The Emergency Lane Keeping (ELK) system indicator light in the instrument cluster turns orange. Please refer to the troubleshooting methods for the rear warning assistance system and lane departure warning system for inspection and repair. If the fault cannot be eliminated, have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

Rear Cross Traffic Alert (RCTA)

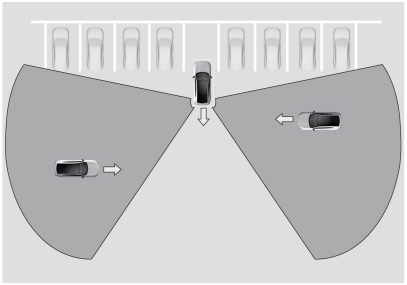
▼Rear Cross Traffic Alert

The Rear Cross Traffic Alert (RCTA) system helps detect approaching vehicles when backing out of parking spaces, particularly in low-visibility conditions (such as complex parking areas, night driving, foggy weather, etc.).

When the function is activated, the vehicle is powered on and in the R gear, there are no faults in the left and right modules, if another vehicle approaches rapidly from the side at the rear and there is a risk of collision with your vehicle, it will alert the driver through flashing warning lights on the exterior rear-view mirrors, audible alerts and flashing warning icon in the centre display.

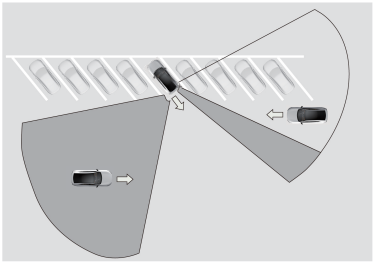


Detection Zone

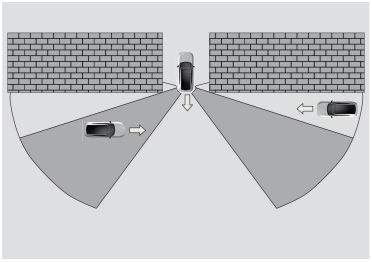


The rear cross traffic alert function cannot issue timely warnings in all reversing environments. In the following situations, due to obstruction of the detection zone by surrounding objects, warnings may only be activated when the target vehicle is very close to your vehicle:

1. The detection zone is obstructed by adjacent vehicles;



2. The detection zone is obstructed by objects such as walls or flowerbeds.



⚠WARNING

Do not completely rely on Rear Cross Traffic Alert (RCTA) system. RCTA is only designed to assist driver in checking the rear of vehicle when reversing the vehicle. 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.

Rear Cross Traffic Braking (RCTB)

▼System Overview

The Rear Cross Traffic Braking (RCTB) system uses side millimeter wave radars mounted on both sides of the rear bumper to realize the related functions.

The Rear Cross Traffic Braking (RCTB) system automatically applies the brakes when it detects a potential collision with vehicles crossing behind while you are reversing. This helps prevent accidents or reduce impact severity.

If the driver's braking force is insufficient, the Rear Cross Traffic Braking (RCTB) function will assist the driver in braking. If the driver fails to react at all, the Rear Cross Traffic Braking (RCTB) function will actively apply the brakes to avoid or mitigate the injuries caused by a collision accident.

Please read carefully and familiarize yourself with all the contents of this chapter.

⚠WARNING

The Rear Cross Traffic Braking (RCTB) system can only assist the driver under certain circumstances. At all times, the driver has supreme control over the vehicle and is fully responsible for ensuring the safety of the vehicle.

The Rear Cross Traffic Braking (RCTB) system only works when the vehicle passes laterally behind the target vehicle. The RCTB system does not work for vehicles in the same direction, whether moving or stationary. It does not work for pedestrians, animals, and other objects on the road. It may not work for targets with small radar reflections such as motorcycles and bicycles.

Due to the system's inherent limitations, false triggers cannot be completely avoided.

▼RCTB Function

The RCTB system shares the rear millimeter wave radar with the rear warning assistance system to detect vehicles behind. The RCTB function is an advanced derivative of the RCTA within the rear warning system. The function's trigger range and limitations are the same as the rear cross traffic alert function. When the conditions for rear cross traffic alert are met and the system determines that there is an unavoidable risk of collision with a crossing vehicle behind based on the current reversing situation, the RCTB function will actively initiate braking.

Function activation conditions:

- The vehicle is in Reverse (R) gear;
- The vehicle speed is less than 15 km/h (9 mph);
- The target is within the monitoring range of the RCTA function.

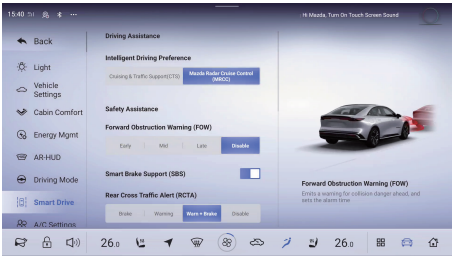
The detection principle limitations of the rear warning assistance system also affect the performance of the RCTB system.

⚠WARNING

- The RCTB system is primarily designed for parking lot reversing scenarios. Due to the complexity of real-time traffic, road, weather, and other driving environments, the system cannot ensure correct detection under all conditions. In (but not limited to) the following situations, the RCTB system may not trigger or may experience reduced performance. Please do not rely excessively on the RCTB system, and do not intentionally test or wait for the system to trigger:
  - Adverse weather conditions (such as heavy rain, heavy snow, hail, etc.) and slippery road surfaces (such as icy, snowy, wet, or waterlogged road sections, etc.);
  - For targets that suddenly cut in after being obscured, targets at angles beyond the function's set range, or targets outside the radar's detection range;
  - Environments where radar is subject to interference (such as electromagnetic interference, underground parking lots, tunnels, iron bridges, rail tracks, construction areas, width or height restriction gates, etc.);
  - Changes in radar installation position, such as when subjected to strong vibrations or minor impacts;
  - When sensors are obstructed by bird droppings, mud, ice, insects, etc.;
  - Structural modifications to the vehicle (such as lowering the chassis height, changing the front license plate mounting bracket, etc.) may reduce the performance of the RCTB system or increase the rate of false triggers.

▼To Operate the System

Enable/disable the "Rear Cross Traffic Alert (RCTA)" function on the centre display under "Vehicle Centre → Smart Drive" interface.



⚠WARNING

- The reversing lateral assist is a background working system that will not be noticed by the driver. If a target in front is detected by the system, braking assistance will not be triggered until the danger level reaches a certain threshold.
- The reversing lateral assist function must be turned off in the following situations:
  - When the vehicle is being towed;
  - When the installation position has changed (such as after a rear-end collision).

Traffic Sign Recognition (TSR) System

▼Function Overview

The Traffic Sign Recognition (TSR) system shares a camera with the lane assist system, detecting speed limit signs on/beside the road and displaying them on the instrument cluster. It helps drivers observe road speed limit signs and alerts drivers through sound and visual warnings when the vehicle speed exceeds the recognized speed limit.



When there are both maximum and minimum speed limit signs, TSR displays the maximum speed limit.

CAUTION

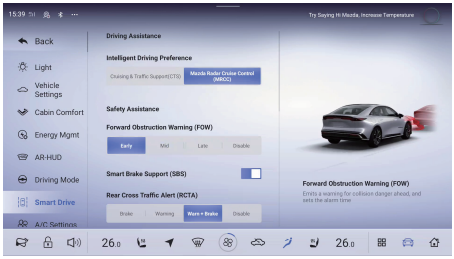
TSR is an assistance function and cannot be applicable to all driving situations. The speed limit recognized by the system may differ from the speed limit provided by your navigation system. You must maintain observation of your driving route, drive cautiously, and take full responsibility for maintaining a safe and legal vehicle speed. The TSR system provides any indications and warnings, but they do not affect the actual speed limits that may apply in specific situations. The driver is ultimately responsible for adhering to the applicable speed limit.

▼Usage Instructions

The TSR system is activated by default when the vehicle is unlocked and powered on. Additionally, you can also enable/disable the "Speed Limit Change Prompt Tone", "Intelligent Speed Control", "Overspeed Warning" on the main page of the centre display under "Vehicle Centre → Smart Drive → Speed Limit Assistant".

"Overspeed Warning" can be linked with the custom steering wheel switch, realizing one-switch ON/OFF.

When "Speed Limit Assistant" is turned off, the instrument cluster displays yellow ISA OFF icon. If only "-Overspeed Warning" is disabled, the yellow part is displayed on the instrument cluster SLWF OFF icon.



After the vehicle passes a speed limit sign, the instrument cluster will continuously display the speed limit information for a certain driving distance, such as "40". After the vehicle passes a speed limit

cancellation sign, the instrument cluster will cancel the display of speed limit information (no specific value shown) "⊘". If both the cancellation sign and the next section's speed limit value appear simultaneously, the speed limit value will be displayed directly.

When the fault performance of the TSR system is limited, the yellow fault icon is displayed in the instrument cluster display.

▼Functional Limitations

TSR detection performance is affected by weather, light conditions, and the position of road signs. TSR detection will be limited in the following situations:

- Tilted or damaged signs;
- Signs on curves;
- Signs that are completely or partially obscured or improperly placed;
- Signs covered by ice, snow, or thick dust;
- Signs outside the camera's field of view;
- Poor visibility conditions such as rain, snow, or fog;
- Insufficient light at night;
- Vehicle driving against the light;
- Maps locate restricted areas.

CAUTION

Improper windscreen repair may cause the camera position to change, affecting TSR functionality. Therefore, have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

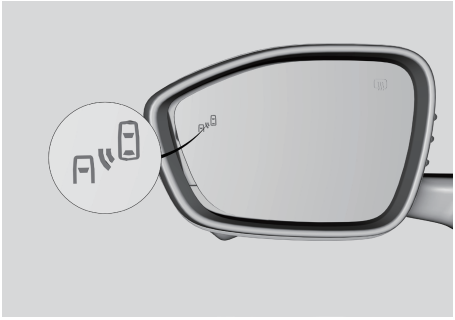
The TSR system can automatically update the map data regularly in the background to ensure the accuracy of speed limit information.

Lane Change Assist (LCA)

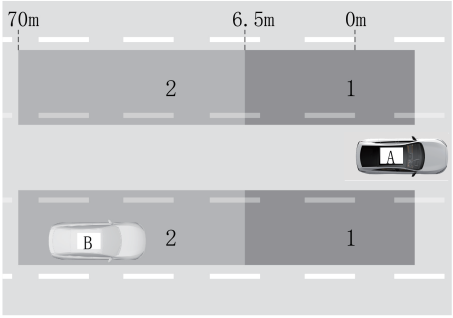
▼Lane Change Assist (LCA)

The Lane Change Assist (LCA) function includes blind spot monitoring and lane change collision warning features.

While driving, especially during turning or lane changing, if a dangerous vehicle is detected in the monitoring area, a warning indicator on the exterior rear-view mirror alerts the driver.



Detection Zone



1. Blind Spot Monitoring Area;
2. Lane Change Collision Warning Area;

A. Your Vehicle;

B. Other Vehicle.

Operating Conditions

When the function is activated and your vehicle's speed exceeds 15 km/h (9 mph), if there is a moving vehicle in the blind spot monitoring area or a rapidly approaching vehicle in the lane change collision warning area, the system illuminates the warning indicator to alert the driver. If the left column shift switch is pushed fully up or down to activate the corresponding turn signal, the warning indicator will flash, and an audible warning will be emitted from the instrument cluster.

At low speeds (vehicle speed less than 15 km/h (9 mph), when the steering wheel is turned sharply in the same direction, or when the left column shift switch is pushed fully up or down to activate the corresponding turn signal, the blind spot monitoring function on the target steering side will issue a normal warning.

WARNING

Do not completely rely on LCA. The LCA function has limitations. Do not completely rely on this system, as excessive dependence on it may lead to accidents.

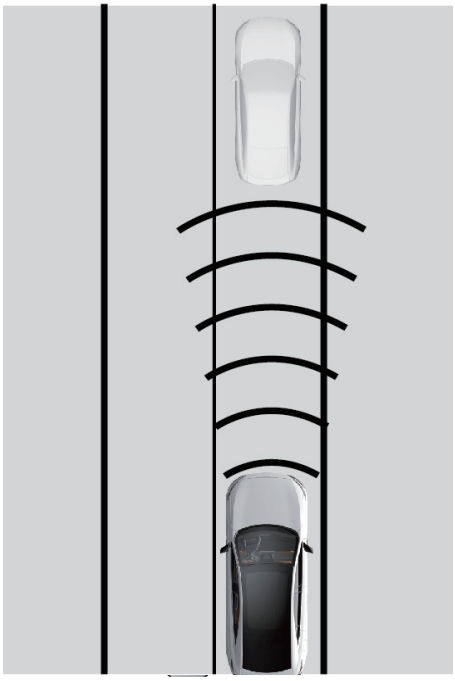
Note

- LCA may not function normally if any of the following conditions are met.
  - The rear side radar sensor cannot detect objects.
  - The road has a steep slope.
  - The road is extremely wide.
  - Changing 2 or more lanes at once.
- LCA may activate when turning at intersections in urban areas, or when there are stationary objects on or beside the road (- such as guardrails, side walls, and parked vehicles).
- If a Mazda genuine trailer hitch is used, LCA automatically turns off.
- When using a non-Mazda original trailer hitch to tow a trailer, or when installing accessories such as a bicycle rack to the rear of the vehicle, turn off LCA. Otherwise, it will interfere with the radar's radio waves, causing LCA to malfunction.

Distance & Speed Alert (DSA)

▼Distance & Speed Alert (DSA)

When driving at high speeds, if the distance to the vehicle ahead is too close, actions such as sudden braking by the vehicle in front could lead to a collision due to the driver's delayed reaction. The safe distance alert function assesses when the current speed and distance to the vehicle ahead are too close and informs the driver in advance, fostering awareness to maintain a safe driving distance.



▼Warnings and Cautions for Distance & Speed Alert (DSA)

WARNING

Do not rely solely on the distance & speed alert.

- The distance & speed alert may not detect the vehicle in front depending on the type and condition of the vehicle ahead, weather conditions, and road conditions. Moreover, this system is not designed to maintain the distance from the vehicle ahead.
- Accidents may occur due to negligence in properly operating the accelerator and brake pedals.
- Always check the surroundings and apply the brake or accelerator pedal, while maintaining a safe distance from the vehicles ahead or behind.

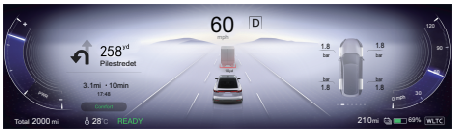
▼How to Use Distance & Speed Alert (DSA)

Operating the Distance & Speed Alert

The distance & speed alert operates when all of the following conditions are met.

1. The gear is in D (Drive);
2. Vehicle speed is 0 ~ 150 km/h (90 mph);
3. The feature is in the ON position.

Instrument Cluster



Note

- The distance & speed alert is designed to target fourwheeled vehicles. However, it may also activate in the presence of motorcycles and bicycles.
- The distance & speed alert does not operate for stationary vehicles.
- If the vehicle ahead is moving extremely slowly, the distance & speed alert may not function properly.

Driver Monitoring System (DMS)

▼Driver Monitoring System (DMS)

The Driver Monitoring System (DMS) uses a camera on the steering wheel to monitor the driver's state, such as fatigue and distraction, in real-time and issues corresponding alerts.



1. Driver monitoring camera

Driver Fatigue Monitoring

While the vehicle is in motion, the system continuously monitors the driver's head position, whether the eyes are closed, and signs of yawning for analysis. If the system detects driver fatigue, it will display an icon and emit an alarm to remind the driver to stay alert and avoid drowsy driving.

Driver Distraction Monitoring

While the vehicle is in motion, the system continuously monitors the driver's line of sight for analysis. When the system determines that the driver is distracted, the vehicle will issue a text and alarm tone stating, "Your line of sight is wandering. Please drive carefully." to remind the driver to pay attention to the road conditions.

Note

- The DMS system may also be affected by other factors. To ensure your safety, you should always remain focused while driving, pay attention to traffic, road conditions, and the vehicle to drive safely.

CAUTION

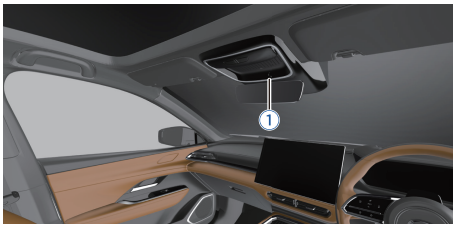
- The system may not issue correct warnings for fatigue or distraction under the following circumstances, including but not limited to:
  - In dim light conditions, such as in dimly lit underground garages;
  - In strong light conditions, such as direct sunlight or surrounding vehicle lights shining on the driver;
  - The DMS camera is obstructed by items like hangings, decorations, or other objects inside the car;
  - The driver is wearing sunglasses, tinted glasses, polarized glasses, or other types of eyewear that significantly reduce light transmission or frames that obstruct the eye area;

- The driver is wearing hats, scarves, headscarves, masks, or other items that cover the facial area;
- The driver has adjusted the seat to an excessive extent.

Child Presence Detection (CPD)

▼Child Presence Detection (CPD)

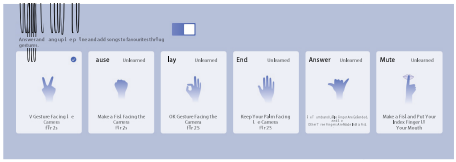
The Child Presence Detection (CPD) uses a camera located behind the interior rear-view mirror to monitor the behaviour and status of passengers, such as the "Gesture Recognition" feature, and provides corresponding prompts/feedback.



1. Camera

Gesture Recognition

Enter the corresponding control interface through "Vehicle Centre → Cab Monitor" on the centre display. After the gesture recognition function is enabled, if you touch an unlearned gesture, the corresponding gesture recognition prompt interface will be popped out. Follow the prompts to complete gesture learning.



Mazda Radar Cruise Control (MRCC) featuring Stop & Go

▼Mazda Radar Cruise Control (MRCC) featuring Stop & Go

CAUTION

Driving assistance systems mainly rely on radar and cameras for real-time perception of the vehicle's surroundings. In order to protect radio astronomy services operating in the same frequency band, radar-mounted vehicles are not allowed to enter the interference protection distance of the relevant local radio observatories.

The Mazda Radar Cruise Control (-MRCC) featuring Stop & Go system detects the vehicle in front through the millimeter wave radar installed behind the front bumper, so that the vehicle travels at the set speed. When the moving vehicle below the set speed appears in the front, it automatically maintains the distance with the front car and stops/starts with the front car.

Before using Mazda Radar Cruise Control (MRCC) featuring Stop & Go, please read and familiarize yourself with the entire content of this chapter.

▼Warnings and Precautions for Using the System

WARNING

- Due to the complexity of real-time traffic, road, and weather conditions, the radar cannot guarantee accurate detection under all conditions. Please disable the Mazda Radar Cruise Control (MRCC) featuring Stop & Go function and drive cautiously in adverse conditions.
- Mazda Radar Cruise Control (-MRCC) featuring Stop & Go is not a substitute for the driver. You must maintain control of the vehicle, drive cautiously, obey speed limits, and follow all traffic regulations while being fully responsible for vehicle operation.
- Mazda Radar Cruise Control (-MRCC) featuring Stop & Go only affects vehicles traveling in the same direction in the same lane. It does not work on vehicles approaching from the opposite direction, crossing from the side, stationary or slow-moving vehicles, pedestrians, animals, or other objects on the road (such as cones, barriers, guardrails, rocks, etc.).
- Mazda Radar Cruise Control (-MRCC) featuring Stop & Go is suitable for use on highways or roads with good conditions. Do not use Mazda Radar Cruise

Control (MRCC) featuring Stop & Go in (but not limited to) the following road and environmental conditions:

- Environments with strong radar signal reflections (-such as multi-story parking garages, tunnels, substations, steel bridges, etc.);
- City streets, mountain roads, or on/off-ramps;
- Extreme weather conditions (such as heavy fog, rain, snow, hail, etc.), slippery roads, steep slopes, or sharp curves.

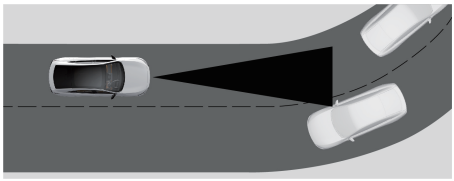
CAUTION

- It is normal for Mazda Radar Cruise Control (MRCC) featuring Stop & Go to make braking noises or for the brake pedal to become firm when Mazda Radar Cruise Control (-MRCC) featuring Stop & Go controls the vehicle's deceleration (but you can still control deceleration by pressing the brake pedal).
- Towing other vehicles may reduce Mazda Radar Cruise Control (MRCC) featuring Stop & Go performance.
- Structural modifications to the vehicle (such as lowering the chassis or altering the front license plate mounting bracket, etc.) may reduce Mazda Radar Cruise Control (MRCC) featuring Stop & Go performance or even render Mazda Radar Cruise Control(-MRCC) featuring Stop & Go unusable.
- Non-structural modification of vehicles (such as vehicle laminating, etc.) may reduce Mazda Radar Cruise Control (-MRCC) featuring Stop & Go performance and even cause Mazda Radar Cruise Control (-MRCC) featuring Stop & Go cannot be used.

In certain situations (including but not limited to those listed below), the radar used by the Mazda Radar Cruise Control (MRCC) featuring Stop & Go system may not accurately detect target vehicles or may detect them too late, preventing the system from assisting you in adjusting speed and distance. Please take control of the vehicle and, if necessary, deactivate Mazda Radar Cruise Control (MRCC) featuring Stop & Go:

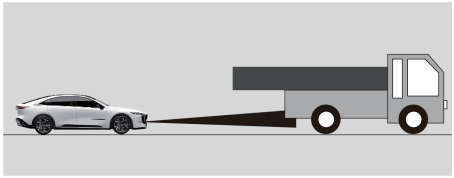
Driving Through Curves

When the vehicle enters or exits a curve, or when driving through a curve, the radar may fail to detect vehicles in your lane or may detect vehicles in adjacent lanes.



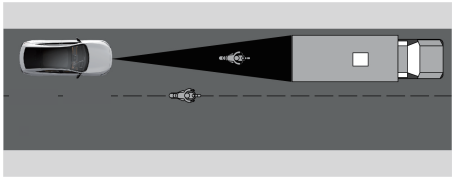
Vehicles with Special Loads/ Equipment

The radar may not detect objects or attachments on vehicles that extend beyond their sides, rear, or roof.



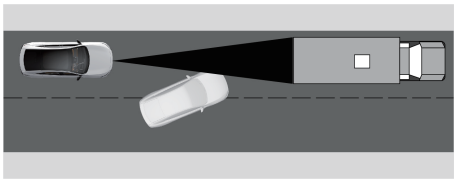
Narrow Vehicles Ahead

The radar may not detect narrow vehicles, such as motorcycles or bicycles, or vehicles with indistinct features.



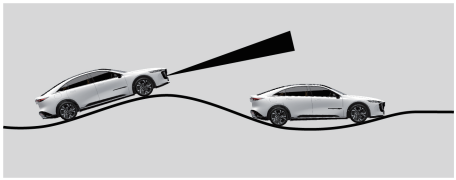
Other Vehicles Changing Lanes

When a vehicle in an adjacent lane cuts into your lane, the radar may not detect it unless it is fully within the detection range.



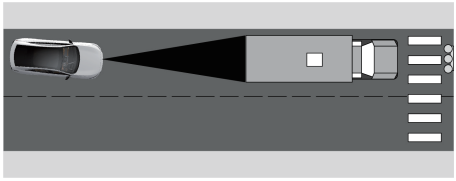
Slopes

When the vehicle enters or exits a slope, the radar may fail to detect vehicles ahead.



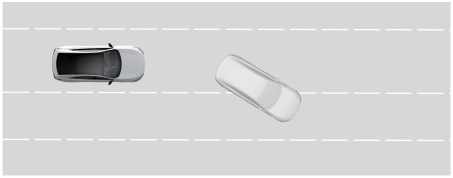
Stationary Objects

The radar cannot recognize stationary or slow-moving vehicles ahead.



Large Heading Deviations

The radar cannot detect vehicles that are angled relative to your vehicle.



Other Devices Equipped with Millimeter Wave Radar

There is the possibility of interference between millimeter wave radars in the same frequency band, and mutual interference may affect target detection.

Overturned or Accident Vehicles

If a vehicle ahead has been in an accident, overturned, or deformed, the system may not detect it.

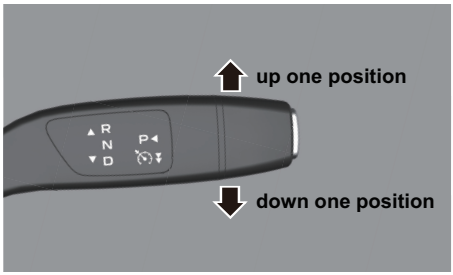


▼Introduction to Mazda Radar Cruise Control (MRCC) featuring Stop & Go

First, select "Adaptive Cruise Control" in [Smart Drive] → [-Driving Assistance] → [Intelligent Driving Preference] on the centre display. The Mazda Radar Cruise Control (MRCC) featuring Stop & Go can only be used after selecting "Adaptive Cruise Control".

Activation: Push the column shifter down once.

Deactivation: Push the column shift up to cancel.





: Adjust following distance;

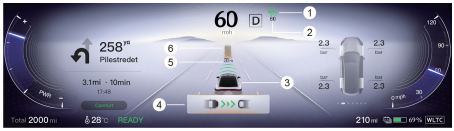
: Resume Mazda Radar Cruise Control (MRCC) featuring Stop & Go or increase cruise speed;

: Set Mazda Radar Cruise Control (MRCC) featuring Stop & Go or reduce cruise speed.

CAUTION

The switch layout varies according to the vehicle you have purchased.

Instrument Cluster Interface



1. Mazda Radar Cruise Control (-MRCC) featuring Stop & Go cruise status indicator;
   - White: System on standby;
   - Green: System activated;
   - Orange: System malfunction;
   - Grey: System overridden.
2. Set cruise speed;
3. Your vehicle;
4. Set following distance;
5. Distance to the vehicle ahead;
6. Vehicle ahead.

WARNING

- The distance to the vehicle ahead and adjacent lane vehicle information displayed on the instrument cluster may differ from actual conditions. You must maintain constant awareness of the vehicle and real-time road conditions, adjusting the cruise speed and following distance as necessary. Take control of the vehicle when required to ensure it can stop safely at any time. You are fully responsible for maintaining safe driving.
- Due to light interference (such as instrument cluster reflections or the driver wearing sunglasses) or environmental noise (such as loud in-car entertainment), the warning information displayed on the instrument cluster may not be easily noticeable. The driver must remain attentive to the vehicle's driving status and road conditions, taking control of the vehicle in a timely manner without waiting for a warning message to appear before taking action.

▼How to Use Mazda Radar Cruise Control (MRCC) featuring Stop & Go

When the cruise status indicator light is white, it means the system has entered standby mode. You can use the cruise function as follows:

Activation

Every time the vehicle is powered on, the first time Mazda Radar Cruise Control (MRCC) featuring Stop & Go is used, it must be activated by pulling down the column shifter. After that, within the same power cycle, it can be activated using the + or − buttons.

After Mazda Radar Cruise Control (MRCC) featuring Stop & Go is activated, the cruise status indicator light turns green.

In some situations, Mazda Radar Cruise Control (MRCC) featuring Stop & Go cannot be activated, such as when the seat belt is not fastened or the vehicle is not in drive gear. Please follow the instrument cluster prompts.

Adjusting Cruise Speed

After activating Mazda Radar Cruise Control (MRCC) featuring Stop & Go, you can actively adjust the cruise speed using the + or − switches. The cruise speed adjustment range is 20 km/h (12 mph) to 160 km/h (100 mph).

Pressing the switch briefly will increase or decrease the cruise speed in increments of 1 km/h (1 mph). Holding the switch down will adjust the cruise speed in increments of 10 km/h (5 mph). The longer the switch is held, the larger the incremental change in speed becomes.

CAUTION

- When Mazda Radar Cruise Control (MRCC) featuring Stop & Go is in driver active acceleration mode, pressing the − switch will set the current speed as the cruise speed.

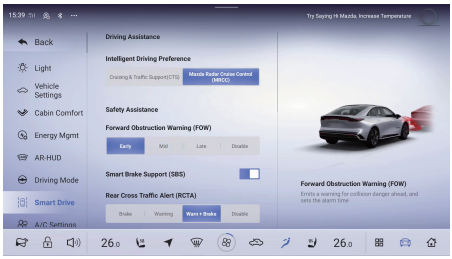
WARNING

- Due to complex road conditions (such as continuous curves, sharp turns) and system detection limitations, Mazda Radar Cruise Control (MRCC) featuring Stop & Go cannot fully guarantee safe passage through curves when slowing down. Please set an appropriate cruise speed according to road conditions and avoid speeding.

Speed Limit Assistant

The system will intelligently control the speed within a certain range in situations such as speed limit signs, curves, tunnels, and speed camera sections to improve driving safety.

Speed Limit Assistant can be turned on or off in the centre display's home screen "Vehicle Centre → Smart Drive → Speed Limit Assistant".



When the function is enabled, the system will set the recognized speed limit as the cruising speed based on the road speed limit conditions.

CAUTION

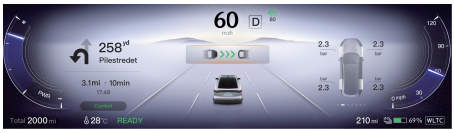
- The Speed Limit Assistant cannot fully guarantee that the vehicle will not exceed the speed limit (for example, if the speed limit sign is too close to the speed camera, there is not enough distance to slow down) or ensure driving safety. You still need to pay attention to road conditions and reasonably adjust the cruise speed.

Adjusting Following Distance

After activating Mazda Radar Cruise Control (MRCC) featuring Stop & Go, press the switch to adjust the following distance;

There are 4 levels of following distance, with the distance increasing from level one to level four. Each time the vehicle is restarted, the following distance defaults to the last set value. The shorter the set following distance, the less reaction time the driver has.

During the following control process, the time gap between your vehicle and the vehicle ahead is displayed in three colors: green (basically consistent with the set value), yellow (following too closely compared to the set value), and red (following too closely compared to the set value). When it displays red, please adjust the cruise speed or following distance promptly, and take control of the vehicle if necessary.



Exiting

After Mazda Radar Cruise Control (MRCC) featuring Stop & Go is activated, performing the following operations or meeting (but not limited to) the following conditions will cause the cruise system to exit to standby mode:

- Pressing the brake pedal while the vehicle is in motion;
- Applying the parking brake;
- Vehicle rolling after stopping while following another vehicle;
- Pushing up the column shifter;
- Opening the driver's door;
- Turning off the ESC function;
- Exiting D (Drive) gear;
- Unfastening the driver's seat belt;
- ABS/Automatic emergency braking function is activated;
- Being in driver active acceleration mode for more than 15 minutes or speed exceeding 160 km/h (100 mph).
- Mazda Radar Cruise Control (-MRCC) featuring Stop & Go will not exit if the brake pedal is pressed after Mazda Radar Cruise Control (MRCC) featuring Stop & Go controls the vehicle to stop due to a related system fault.

CAUTION

➢ In any situation, if you determine that there is a safety risk to the vehicle, please decisively cancel or turn off Mazda Radar Cruise Control (-MRCC) featuring Stop & Go, immediately take over and control the vehicle.

Resuming Mazda Radar Cruise Control (MRCC) featuring Stop & Go

When Mazda Radar Cruise Control (MRCC) featuring Stop & Go exits from activation to standby:

Press the + switch, Mazda Radar Cruise Control (MRCC) featuring Stop & Go will reactivate and resume to the previously set speed.

Press the − switch, Mazda Radar Cruise Control (MRCC) featuring Stop & Go will reactivate and automatically set the current speed as the cruise speed.

CAUTION

➢ When resuming Mazda Radar Cruise Control (MRCC) featuring Stop & Go by tapping the + switch, the resumed set cruise speed may differ significantly from the current driving speed. The driver must ensure that the set cruise speed complies with

the speed limit rules of the current road section, and pay attention to the vehicle's acceleration and deceleration changes, adjusting the cruise speed in a timely manner.

Driver Active Acceleration Mode

After Mazda Radar Cruise Control (MRCC) featuring Stop & Go is activated, when actively pressing the accelerator pedal to accelerate, the system enters driver active acceleration mode (override mode). After releasing the accelerator pedal, Mazda Radar Cruise Control (MRCC) featuring Stop & Go regains control of the vehicle.

CAUTION

- When Mazda Radar Cruise Control (MRCC) featuring Stop & Go is in driver active acceleration mode, the vehicle will be taken over by the driver, and Mazda Radar Cruise Control (MRCC) featuring Stop & Go will not perform acceleration or deceleration control.

Mazda Radar Cruise Control (-MRCC) featuring Stop & Go

If the vehicle in front slowly comes to a stop, Mazda Radar Cruise Control (MRCC) featuring Stop & Go will control your vehicle to stop behind it. Afterwards, if the instrument cluster does not prompt "Cruise parked, press switch to resume, pay attention to safety ahead", the system will control the vehicle to automatically follow the vehicle in front when it starts moving.

If the instrument cluster displays "-Cruise parked, press switch to resume, pay attention to safety ahead", you need to press the switch or lightly press the accelerator pedal to control the vehicle to start moving.

After Mazda Radar Cruise Control (MRCC) featuring Stop & Go controls the vehicle to stop, if the following situations (not limited to) occur, the electronic parking brake will automatically activate and Mazda Radar Cruise Control (-MRCC) featuring Stop & Go will exit:

- Stopped for more than 3 minutes;
- Driver's door is opened;
- Driver's seat belt is unfastened;
- ESC function is turned off;
- Exiting D (Drive) gear.

Takeover Reminder

Mazda Radar Cruise Control (-MRCC) featuring Stop & Go can apply a maximum of about 40% of the vehicle's braking capacity.

If braking is insufficient to maintain an appropriate distance from the vehicle in front, the instrument cluster will continuously issue a "Please take over immediately" warning. At this time, please immediately take over vehicle control and take collision avoidance measures to prevent danger.

Troubleshooting

When the Mazda Radar Cruise Control (MRCC) featuring Stop & Go system detects a fault or blockage of the front radar or front camera, or a related system fault occurs, the cruise status indicator light on the instrument cluster turns orange, and there will be corresponding prompts:

1. Front camera/radar blocked
   If the instrument cluster prompts "Front radar sensors/ front camera blocked", please clean the surface of the bumper where the radar is installed or the windscreen area where the front camera is installed.
   If the fault still cannot be automatically eliminated for a long time after cleaning, please consult an expert repairer (we recommend an Authorised Mazda Repairer) for processing as soon as possible.
2. Function limited
   If the following faults occur and the fault reminder cannot be automatically eliminated for a long time, and the fault still exists after restarting the vehicle, please consult an expert repairer (we recommend an Authorised Mazda Repairer) for inspection and repair as soon as possible:
   - Function temporarily unavailable;
   - Mazda Radar Cruise Control (MRCC) featuring Stop & Go system fault;
   - Mazda Radar Cruise Control (MRCC) featuring Stop & Go system communication abnormality.

In the following situations, please consult an expert repairer (we recommend an Authorised Mazda Repairer) for professional calibration of the radar:

- Removing or reinstalling the radar or front bumper;
- External forces causing the radar or camera to be unstable or positioned abnormally;
- The vehicle has been in a collision;
- Mazda Radar Cruise Control (-MRCC) featuring Stop & Go performance has decreased (-such as abnormally shortened distance to detected targets or frequent incorrect identification of vehicles in adjacent lanes, etc.);
- Automatic emergency braking system malfunctions (such as frequent false alarms or braking, etc.).

CAUTION

Improper maintenance of the front end of the vehicle can result in changes in the radar position, which can affect the functionality of the Mazda Radar Cruise Control (MRCC) featuring Stop & Go, therefore, repair operations must be carried out by an expert repairer (we recommend an Authorised Mazda Repairer).

Cruising&Traffic Support (CTS)

▼Introduction to Cruising&Traffic Support (CTS)

Cruising&Traffic Support(CTS) integrates the radar used by the Mazda Radar Cruise Control(-MRCC) system and the camera used by the Lane Departure Warning System to detect the vehicle ahead and lane markings. By controlling the speed, the system keeps the vehicle moving at the set cruise speed or maintains a preset following distance from the vehicle ahead, while also controlling steering to keep the vehicle within the lane.

Before using Cruising&Traffic Support(CTS), please carefully read the entire chapter to understand the correct usage, limitations, and requirements of this function. At all times, the driver has priority control over the vehicle.

In the following situations, the driver must quickly identify any hazards and cancel Cruising&Traffic Support(CTS) by pressing the brake pedal, pushing up the electric column shift, or taking control of thesteering wheel to ensure driving safety:

1. The vehicle does not maintain a safe distance from the vehicle ahead or vehicles in adjacent lanes;
2. The steering assist is insufficient to safely navigate a curve;
3. The vehicle is in operating conditions where Cruising &-Traffic Support (CTS)'s functionality is limited.

⚠WARNING

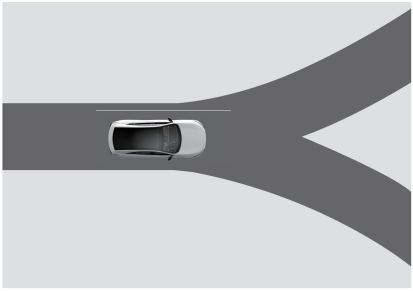
- When using Cruising&Traffic Support(CTS), the driver must keep both hands on the steering wheel and continuously observe the road conditions ahead, behind, and around the vehicle.
- Even when using Cruising&Traffic Support(CTS), the driver remains ultimately responsible for safely and legally controlling the vehicle, maintaining the correct distance and speed.
- Improper use of Cruising&Traffic Support(CTS) could lead to collisions with surrounding objects, vehicles, and other traffic accidents.

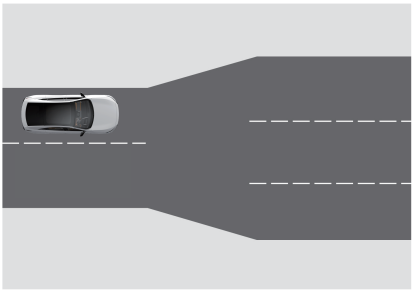
- Cruising&Traffic Support(CTS) is a driver assistance system, and it provides relatively gentle braking and steering control. The system cannot fully prevent collisions and may not provide the steering assistance you expect in all weather, road conditions, or road types. The driver must remain aware and take control of the vehicle promptly, rather than waiting for the system to issue a warning before taking emergency measures.
- Cruising&Traffic Support(CTS) is suitable for use on highways or roads in good condition. Do not use Cruising&Traffic Support(CTS) under the following road or environmental conditions, as the system may not assist in driving the vehicle as expected, may exit abruptly, or could result in a collision with undetected obstacles:

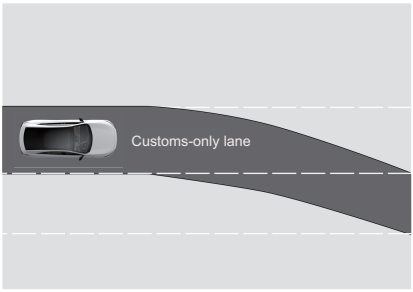
  1. Adverse weather/poor visibility (e.g. rain, snow, fog, dust, low light, glare, bright sunlight, entering/exiting tunnels, tree-shaded roads, etc.).
  2. Rough or slippery roads (e.g. mountain roads, roads with sharp curves, bumpy roads, or roads with standing water, snow, ice, oil, or dust).
  3. Complex road conditions (e.g. traffic congestion, intersections, crosswinds, construction zones, ramps, toll plazas, etc.).

The radar and camera used by the Cruising&Traffic Support(CTS) system may not accurately detect lane markings, the vehicle ahead, or other targets under (but not limited to) the following conditions, potentially preventing the system from assisting you in maintaining the desired trajectory or adjusting speed and distance. Please take control of the vehicle and, if necessary, disable Cruising&Traffic Support(CTS).

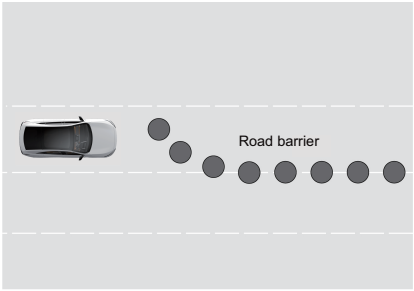
1. When the driving path is not clear, such as at an intersection or when the number of lanes changes, the system may not be able to determine the correct lane and could choose the wrong lane or exit abruptly.

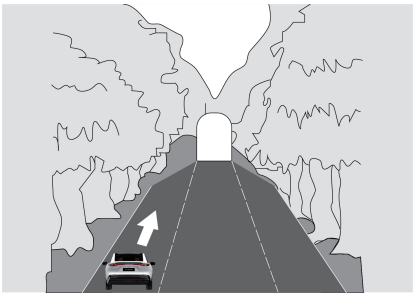




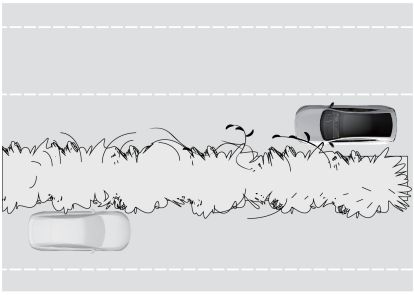


2. Road "closure"
   In situations where the road ahead is blocked by construction or a disabled vehicle and the path forward is not marked by lane markings or the road is impassable, the system cannot intelligently recognize and change lanes.

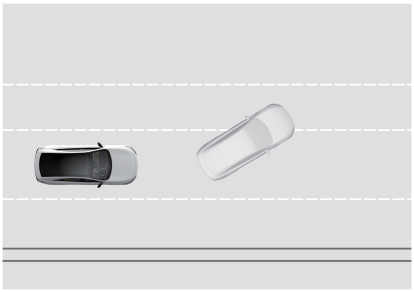




3. Lane driving space is occupied
   The system may not recognize objects that encroach into the lane and are elevated off the ground, posing a collision risk (e.g. plants from the median encroaching into the lane).



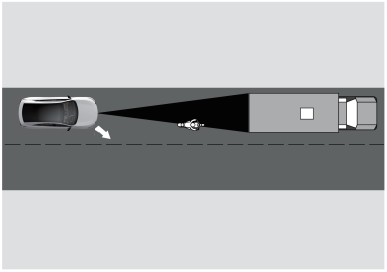
The system may also fail to recognize stationary or slow-moving vehicles ahead or vehicles with indistinct features, especially if your vehicle is traveling at high speed or at an angle to the vehicle ahead, posing a collision risk.



4. Non-standard lane markings
When lane markings are unclear (e.g. worn, missing, reflective, with continuous changes in brightness, or under tree or median shadows), or when lane markings are confusing (e.g. at intersections, diverging or merging lanes, ramps with multiple markings), the system may not predict the correct trajectory, potentially causing unintended steering errors or abrupt system exit.
5. Uneven road surface
When the wheels pass over potholes, rocks, or other road surface irregularities, the vehicle's heading may change suddenly due to road surface interference, potentially causing the vehicle to drift out of the lane. The system may temporarily exit if it cannot detect the lane markings due to vehicle jostling.
6. The system may mistakenly recognize road edges (-especially in tunnels), tyre tracks, road surface cracks, snow, and other line-like features as lane markings, causing the vehicle to drift away from the centre of the lane or experience a temporary change in heading.
7. When entering a curve, passing through consecutive curves, or navigating sharp turns, slippery roads, or at excessive speeds, the system may not assist the driver in keeping the vehicle within the lane and may even exit abruptly.
8. Congested or merging roads
The system may fail to respond to vehicles cutting in at close range, particularly when in following mode during traffic congestion, posing a collision risk.

   In following mode, if the target vehicle changes lanes, your vehicle will follow, potentially causing a collision with vehicles in adjacent lanes.

In following mode, the system may control the vehicle based on a target vehicle close to the lane edge, causing the vehicle to steer towards one side of the lane and increasing the risk of collision with adjacent vehicles.



9. A strong magnetic environment will interfere with the response of the Electric Power Steering (EPS) system. Do not bring objects with strong magnetic properties near the EPS. If the vehicle is exposed to a strong magnetic environment for an extended period (such as at power plants or other areas with high-voltage electromagnetic radiation), monitor the vehicle's EPS steering assist performance. If any abnormalities are detected, do not use Cruising&Traffic Support(CTS) and consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible for inspection.
10. Do not use Cruising&Traffic Support(CTS) when towing another vehicle. Avoid using Cruising&Traffic Support(CTS) in any scenario that may impair the functionality or performance of the adaptive cruise control or lane departure warning system camera.

⚠WARNING

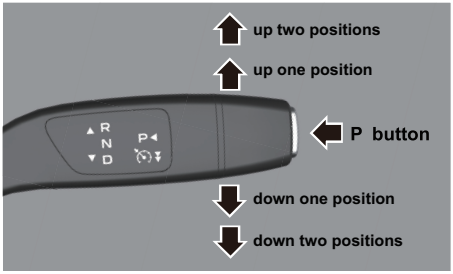
- It is strictly prohibited to perform windscreen repairs near the sensor (interior rear-view mirror position). Any cracks will affect the camera's recognition effectiveness, and the entire front windscreen must be replaced.
- Do not place reflective objects on the central control panel when using the Cruising&Traffic Support(CTS) function, as reflections may interfere with the front-view camera's detection capabilities, affecting Cruising&Traffic Support(CTS) performance.

▼Intelligent Adaptive Cruise Control (Cruising&Traffic Support (CTS))

Cruising&Traffic Support(CTS) function can only be used after selecting "Smart Cruise Asst" in [-Smart Drive] → [Driving Assistance] → [Intelligent Driving Preference].

Activate Cruising&Traffic Support (CTS): Push the column shifter down once.

Cancel Cruising&Traffic Support (CTS): Push the column shifter up to cancel.





: Adjust following distance;

: Increase cruise speed;

: Decrease cruise speed.

Instrument Cluster Interface



1. Cruising&Traffic Support(CTS) status indicator;
   - White: System on standby;
   - Grey: System temporarily disengaged;
   - Green: System activated;
   - Orange: System malfunction.
2. Vehicle ahead;
3. Vehicles in adjacent lanes;
4. Lane line status;
   - Grey: Not recognized;
   - White: Recognized;
   - Orange: Lane departure warning/correction;
   - Green: Cruising&Traffic Support(CTS) in operation.
5. Set following distance;
6. MRCC cruise status indicator;
   - White: System on standby;
   - Green: System activated;
   - Orange: System malfunction;
   - Grey: System override.

7. Road speed limit sign;
8. Set cruise speed;
9. Distance to the vehicle ahead;
10. Your vehicle.

⚠CAUTION

- When Cruising&Traffic Support (CTS) is operating and in vehicle-following control mode, the vehicle ahead is displayed in white.

⚠WARNING

- The distance to the vehicle ahead, adjacent lane vehicle conditions, and lane line conditions displayed on the instrument cluster may differ from actual conditions. You must maintain real-time observation of the vehicle and actual road conditions, reasonably adjust cruise speed and following distance, take control of the vehicle when necessary, ensure the vehicle can stop safely at any time, and take full responsibility for maintaining safe driving.
- Due to light interference (such as instrument cluster reflections or the driver wearing sunglasses) or environmental noise (such as loud in-car entertainment), the warning information displayed on the instrument cluster may not be easily noticeable. The driver must remain attentive to the vehicle's driving status and road conditions, taking control of the vehicle in a timely manner without waiting for a warning message to appear before taking action.

▼How to Use Intelligent Adaptive Cruise Control (Cruising&Traffic Support(CTS))

Cruising&Traffic Support(CTS) operating speed range: 0 km/h (0 mph) to 160 km/h (100 mph).

1. Single lane advanced driver-assistance
   Cruising&Traffic Support(CTS) prioritizes steering assistance control based on clear lane markings detected on both sides of the lane. During this time, Cruising&Traffic Support (CTS) is in lane marking control mode, with the Cruising&Traffic Support(CTS) icon on the centre display showing green, lane markings showing blue, and the vehicle ahead (if detected) showing white.
2. Traffic jam assist
   When the vehicle speed is below 60 km/h (40 mph), if lane markings are not detected, the system can follow a detected target vehicle ahead. At this time, Cruising&Traffic Support (CTS) is in vehicle following control mode, with the Cruising&Traffic Support(CTS) icon on the instrument cluster showing green.

WARNING

- Traffic jam assist is only suitable for situations where vehicles are moving in an orderly queue. Do not use Cruising&Traffic Support(CTS) on roads with toll stations, chaotic traffic flow, random lane changes, or small turning radii.
- When the vehicle ahead turns too quickly, Cruising&Traffic Support(CTS) cannot assist the vehicle in following the turn. The system may lock onto a new target vehicle or exit to Mazda Radar Cruise Control (-MRCC) featuring Stop & Go active state and accelerate according to the set cruise speed. The driver needs to constantly monitor the system status and, if necessary, turn off Cruising&Traffic Support (CTS) and take control of the vehicle.

Enabling Cruising&Traffic Support (CTS)

Conditions for enabling Cruising&Traffic Support(CTS):

- Vehicle is powered on

After the vehicle meets the conditions for enabling Cruising&Traffic Support(CTS), you can enable [Smart Cruise Asst] in the centre display's main page under "Vehicle Centre → Smart Drive → Driving Assistance → Intelligent Driving Preference".



Activating Cruising&Traffic Support(CTS)

After enabling Cruising&Traffic Support(CTS), when activation conditions are met, the Cruising&Traffic Support(CTS) status indicator on the instrument cluster will display white. At this time, pull down the column shifter once to activate Cruising&Traffic Support(CTS). The system will assist the driver with acceleration, deceleration, and steering control.

After activating Cruising&Traffic Support(CTS), the Cruising&Traffic Support(CTS) status indicator on the instrument cluster will display

green. The driver can refer to the Mazda Radar Cruise Control (-MRCC) featuring Stop & Go usage method to set cruise speed, following distance, etc.

In some situations, Cruising&Traffic Support(CTS) cannot be activated, such as when the wipers are on high speed or when lane lines are unclear. Please follow the instructions on the instrument cluster.

⚠CAUTION

- Each time Cruising&Traffic Support(CTS) is activated, the cruise speed will be reset to the current speed, with a minimum of 20 km/h (12 mph) and a maximum of 160 km/h (100 mph).
- After activating Cruising&Traffic Support(CTS), Mazda Radar Cruise Control (-MRCC) featuring Stop & Go is also activated simultaneously. The vehicle's acceleration and deceleration control logic is consistent with when Mazda Radar Cruise Control (MRCC) featuring Stop & Go is activated. When Mazda Radar Cruise Control (MRCC) featuring Stop & Go enters driver-initiated acceleration mode, the vehicle's acceleration and braking will be controlled by the driver, but Cruising&Traffic Support(CTS) will still provide steering assistance.
- When Cruising&Traffic Support (CTS) is working, if the driver quickly presses the accelerator pedal, the sudden increase in speed may affect the stability of Cruising&Traffic Support(CTS)'s steering assistance. The driver must constantly monitor the vehicle's driving status and be ready to take control of the vehicle when necessary.

Quick Switching Between Cruising&Traffic Support(CTS) and MRCC Functions

You can switch between the MRCC and Cruising&Traffic Support(CTS) functions in the centre display's main page under [Vehicle Centre] → [Smart Drive] → [Driving Assistance] → [Intelligent Driving Preference]. Once Cruising&Traffic Support(CTS) is activated, you can quickly switch to MRCC by pushing the column shifter down once. Pushing the column shifter down once more switches back from MRCC to Cruising&Traffic Support (CTS). When Cruising&Traffic Support(CTS) is selected in the Smart Drive Preferences and the function remains enabled, you can quickly toggle between Cruising&Traffic Support(CTS) and MRCC by pushing the column shift down once.

Adjusting Cruise Speed

After activating Cruising&Traffic Support(CTS), you can set the cruise speed according to the Mazda Radar Cruise Control (-MRCC) featuring Stop & Go usage

method. Refer to "Adjusting Cruise Speed".

▼Intelligent Adaptive Cruise Control (Cruising&Traffic Support (CTS)) Sound Alert

Method to enable or disable Intelligent Adaptive Cruise Control (Cruising&Traffic Support(CTS)) sound alert:

1. Access the control centre on the centre display. Tap the Sound Tips icon to toggle the CTS sound notification on or off.
2. On the centre display, go to Vehicle Centre →Smart Drive → Smart Cruise Asst, then tap the icon next to the "Sound Tips" label to enable or disable the alert.



▼Human-Machine Co-driving

When the Cruising&Traffic Support (CTS) is activated, if the driver actively turns the steering wheel, the system will automatically switch to the human-machine co-driving mode.

After entering the human-machine co-driving mode:

1. The system will no longer actively adjust the steering, and the steering will be controlled solely by the driver. The system will still maintain active adjustment of the vehicle's longitudinal movement (-acceleration and deceleration) to ensure smooth driving.
2. When the driver stops actively turning the steering wheel, the system will automatically exit the human-machine co-driving mode and resume active steering adjustment.

Tyre Pressure Monitoring System (TPMS)

▼Tyre Pressure Monitoring System (TPMS)

While the vehicle is in motion, the Tyre Pressure Monitoring System (TPMS) continuously monitors the pressure of all four tyres. If the tyre pressure deviates from the recommended level, the TPMS will issue a warning. Tyre pressure information is shown on the multifunction display. While driving, you can also view tyre pressure data on the centre display, which indicates the current readings. If a tyre's pressure becomes low or otherwise abnormal, the tyre pressure warning lamp will illuminate. If the warning is solely due to low pressure, the tyre pressure warning lamp will automatically turn off once the tyres have been inflated to the recommended cold pressure (as specified on the vehicle's label) and the vehicle has been driven for a few minutes. The TPMS will only function when the corresponding sensors are installed on all wheels.

Set the tyres to the recommended cold pressures appropriate to your driving conditions. Check and calibrate the tyre pressure every month when the tyre is cold. Tyres are considered cold if the vehicle has been parked in the shade for at least three hours or has been driven for no more than 1.6 km (1 mph). When adjusting tyre pressure in a cold state, there may be a difference between a manual gauge reading and the TPMS reading. Rely on the TPMS measurement for accurate inflation pressure. The TPMS cannot alert you to a complete pressure loss, such as when a tyre is punctured by a foreign object. At this time, carefully apply brake and park the vehicle, avoid sudden steering. The displayed pressure values will update after the vehicle has been driven for a short distance following inflation.

In the following situations, the TPMS may experience interference, causing the tyre pressure warning lamp to illuminate unexpectedly: operating the vehicle near high-voltage power lines or radio transmitters (such as airports, broadcast towers, etc.), or using radio-frequency devices (such as wireless headphones, dash cams, etc.) inside or near the vehicle. If the TPMS detects that one or more tyres have low pressure, the tyre pressure warning lamp will illuminate.

In this situation, reduce your speed, brake gently, and park safely. Avoid sudden steering inputs and adjust the tyre pressure when the tyres are cold. (Note: If tyres are adjusted in a warm environment, the tyre pressure warning lamp may illuminate when entering a cold environment due to pressure changes caused by temperature differences. This does

not indicate a system failure. When driving in areas with significantly different temperatures, check and calibrate the tyre pressure as needed.) If the TPMS malfunctions, the tyre pressure warning lamp will illuminate. In this event, visit an Authorised Mazda service centre as soon as possible for inspection and repair.

The TPMS assists the driver in monitoring tyre pressure and can provide very effective warnings, but it cannot completely prevent accidents. Only the tyre pressure displayed while the vehicle is in motion reflects the current actual tyre pressure; when the vehicle is stationary, tyre pressure may not be displayed, or the displayed tyre pressure may only be for reference. When fitting replacement tyres, visit an Authorised Mazda service centre to avoid incorrect operations that could damage the sensors. When rotating the tyres, the TPMS must relearn the tyre positions to prevent mismatched data between the display and the actual tyre positions.

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 tire 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.

Note

- Inspect each tyre (including the spare, if provided) monthly when the tyres are cold, and inflate them to the pressure recommended by the vehicle's manufacturer, as indicated on the vehicle placard or tyre inflation pressure label. (If your vehicle is equipped with tyres of a different size from that indicated on the vehicle placard or tyre inflation pressure label, determine the correct tyre inflation pressure for those tyres.)
  For added safety, your vehicle is equipped with a Tyre Pressure Monitoring System (-TPMS), which illuminates a low tyre pressure warning lamp when one or more of your tyres is significantly underinflated.

  When this warning lamp illuminates, stop and inspect your tyres as soon as practicable, inflating them to the correct pressure as needed. Operating a vehicle with a significantly underinflated tyre causes overheating and can lead to tyre failure. Underinflation also reduces tyre tread life, increases energy consumption, and may affect the vehicle's handling and braking performance.

  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.

▼Tyre Pressure Monitoring System Warning Information

Note

If the tyre pressure is calibrated in a warm environment, the tyre pressure warning lamp may illuminate when entering a cold environment, and vice versa. This is due to pressure changes caused by temperature fluctuations and does not indicate a system malfunction. When driving in areas with varying temperatures, check and calibrate the tyre pressure of all four tyres as needed and reset the tyre pressure monitoring system.

The tyre pressure monitoring system should only be reset after calibrating all four tyres to the specified cold inflation pressure. The system will successfully learn the new settings during normal vehicle operation after the reset.

The tyre pressure monitoring system needs to be reset in the following situations:

1. Adjusting the inflation pressure of one or more tyres;
2. Removing or replacing any tyre/wheel;
3. Inflating the tyres and relearning after one year or 10,000 km (6214 mile) (recommended).

If wheels other than those specified by Mazda are installed, it may affect the normal operation of the tyre pressure monitoring system.

▼Tyre Pressure Monitoring System Warning Information

⚠CAUTION

Inspect each tyre (including the spare, if provided) monthly when the tyres are cold, and inflate them to the pressure recommended by the vehicle's manufacturer, as indicated on the vehicle placard or tyre inflation pressure label. (If your vehicle is equipped with tyres of a different size from that indicated on the vehicle placard or tyre inflation pressure label, determine the correct tyre inflation pressure for those tyres.) For added safety, your vehicle is equipped with a Tyre Pressure Monitoring System (TPMS), which illuminates a low tyre pressure warning lamp when one or more of your tyres is significantly underinflated. When this warning lamp illuminates, stop and inspect your tyres as soon as practicable, inflating them to the correct pressure as needed. Operating a vehicle with a significantly underinflated tyre causes overheating and can lead to tyre failure. Underinflation also reduces tyre tread life, increases energy consumption, and may affect the vehicle's handling and braking performance.

360° View Monitor

▼360° View Monitor System

The 360° view monitor system is a parking assistance system that collects images around the vehicle through four cameras at the front, rear, left, and right, synthesizes a 360° overhead view, and displays it through the vehicle's infotainment system. This system can significantly reduces blind spots, helps users to park in smoothly and improves passability of narrow roads, narrow alleys and other scenarios.

⚠WARNING

- The 360° view monitor may distort object outlines on the screen, so you cannot rely solely on the image to estimate the distance between your vehicle and obstacles (vehicles, pedestrians, etc.). Please make judgments based on actual conditions to ensure safety!
- Due to the resolution limitations of the panoramic system, some objects may not be displayed or may not be clearly displayed, such as thin poles, grilles, and trees.
- The front and rear views of the 360° view monitor still have some blind spots. Always observe your surroundings. The 360° view monitor can only display two-dimensional images on the screen. Due to the lack of spatial depth, it is difficult or impossible to identify protrusions or depressions on the road through the 360° view monitor.

⚠CAUTION

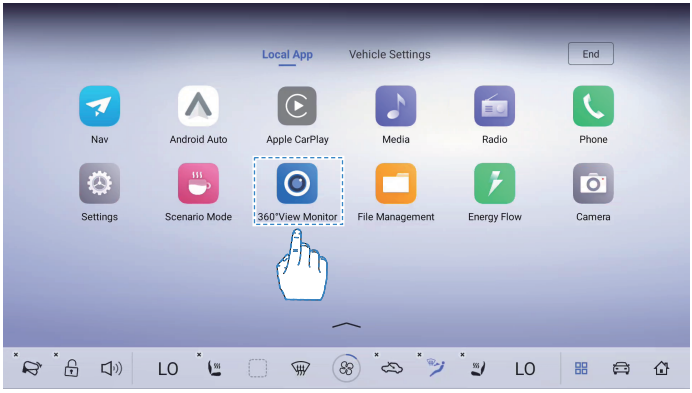
- Always observe the environment around the vehicle. The parking space width should be at least equal to the width of the vehicle's extended lines. Please use the 360° view monitor system when the tailgate is fully closed, the left/right rear-view mirrors are naturally extended, and the front left/right doors are properly closed. The panoramic cameras are installed on the exterior of the vehicle and are easily covered by dirt. If the video is unclear, it is recommended to manually wipe the lens surface with a soft cloth.
- The 360° view monitor will not work or have limited functionality in the following situations:
  - Doors are open;

- Exterior rear-view mirrors are folded;
- Tailgate is not closed;
- Heavy rain, snow, or fog;
- Night or very dark locations;
- Cameras are exposed to strong light;
- The area is illuminated by fluorescent or LED lights (the centre display will flicker);
- Driving into a heated garage in winter with rapid temperature changes;
- Open or connect the electric tow hook.

➢ If vehicle parts where cameras are installed are damaged, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible to check the camera position and calibration.

System Activation Methods:

1. Tap [360° Surround View] in the application centre to open the view;



2. Tap the [360° View Monitor] icon in the control centre to open the 360° View Monitor function;
3. The reverse camera automatically activates when the vehicle is in R (-Reverse) gear;
4. Turn on the [Turn Signal Activated Panoramic] icon in Vehicle Setting. When the speed is below 15 km/h (9 mph) and the left/right turn signals are activated, the 360° view monitor automatically triggers;
5. When the vehicle speed is below 15 km/h (9 mph) and within a certain range of obstacles, the 360° view monitor automatically triggers;

6. Press the [360] switch on the steering wheel to enter the 360° view monitor.

Entering Panoramic View

Operating requirements: Vehicle power is ON and speed is less than 15 km/h (9 mph).

Press the panoramic button switch on the steering wheel, and the centre display automatically switches to 360° view monitor.

After voice-activating the vehicle system and saying the keyword "open 360° view monitor", the centre display automatically switches to 360° view monitor.

The centre display automatically switches to 360° view monitor when shifting to R (Reverse) gear.

When the turn signal triggered 360° view function is enabled and vehicle speed is less than 15 km/h (9 mph), turning on the turn signal causes the centre display to automatically switch to the corresponding 360° view monitor.

When the slope vision assist function is enabled and vehicle speed is less than 27 km/h (17 mph), when the vehicle is traveling on an uphill slope of approximately $\geqslant 9°$, the centre display automatically switches to 360° view monitor.

When the radar triggered 360° view function is enabled, in non-P (Park) gear, non-R (Reverse) gear, and vehicle speed less than 15 km/h (9 mph), when the radar detects an obstacle within the set distance from the vehicle, the centre display will switch to the corresponding 360° View Monitor.

Exiting Panoramic View

When entered by switch press and full-speed 360° view monitor is not enabled, the 360° view monitor will automatically exit at speeds above 30 km/h (19 mph). When the vehicle is not in R (Reverse) gear, tap the close switch on the panoramic interface to close the 360° view monitor and return to the previous display screen.

For turn signal or radar triggered 360° view monitor, it automatically exits 5 seconds after the trigger conditions are no longer met.

View Switching

360° View Monitor

Panoramic + Front/Rear/Front-Left/Front-Right View Switching
In 360° view monitor, tap the front, rear, left, or right areas to switch the single view to the corresponding panoramic + front/rear/front-left/front-right/front-left + front-right/rear-left + rear-right views.



When switching from R (Reverse) gear to non-R gear, the view will automatically switch to panoramic + front view.

Vehicle Wheel Hub View Switching
In panorama + single view mode, tap the white circular icon on the vehicle model to switch between panorama + front left and right view, and panorama + rear left and right view.

Front/Rear Wide-Angle View Switching
In panoramic + front/rear view, tap the single view area to switch to the corresponding direction's large single view. The single overhead large view has a wider viewing angle. Tap the large single view again to switch back to the corresponding panoramic + single view.

Parking Guide Lines
In panoramic + front/rear view, guide lines appear in both the 360° view monitor and single view.



- Warning lines: Approximately 20 cm (1 ft) lateral extension from the vehicle's tyres.
- Wheel trajectory lines: Vehicle tyre movement trajectory.
- Safety lines: Approximately 50 cm (2 ft) from the vehicle body.

When the steering wheel turns, the dynamic guide lines will rotate accordingly. These guide lines estimate the vehicle's driving trajectory. When the steering wheel is centred, the dynamic guide lines will be hidden.

3D View Switching

Tap the 3D view icon to switch to 3D mode. Tap the 3D controls around the vehicle model or slide the model to switch to the corresponding 3D angle.

360° View Monitor

Settings

In panoramic mode or single view, tap the settings icon on the right side of the display to configure the following functions:



1. Lead Wire: When enabled, displays parking assistance wires;
2. Turn Signal Triggers 360° View Monitor: When enabled, activates 360° view monitor when turn signals are used at speeds below 15 km/h (9 mph);
3. Ultrasonic Sensors Triggers 360° View Monitor: When enabled, activates 360° view monitor when radar detects obstacles within the set distance;
4. Ultrasonic Sensors Alarm Tone: When enabled, emits radar alert tone;
5. Hill View Assist: When enabled, system actively enables 360° view monitor when vehicle is on slopes of approximately greater than 9° to help observe front blind spots;
6. Body Transparency: When enabled, allows adjustment of vehicle body transparency using the slider, with a range of 10%–100%.

Full-Speed 360° View Monitor

When the full-speed 360° view monitor switch is on, the panoramic interface can be opened through voice recognition, application page switches, or steering wheel hard switches at any speed. When the full-speed 360° view monitor switch is disabled, the panoramic image cannot be activated when the vehicle speed exceeds 30 km/h (19 mph), and if panoramic image was already enabled before exceeding the speed limit, it will automatically exit.

Transparent Vehicle

The transparent vehicle function refers to the panoramic memory of the video information of the areas that you have driven over. When driving over previously traversed areas, the system dynamically displays the recorded ground surface beneath your vehicle. If the vehicle is in motion, the surface view continuously updates according to vehicle speed. If the vehicle comes to a stop, the saved ground view remains displayed until you exit the panoramic system.

Trailer Mode

- When Trailer Mode is activated, the panoramic camera will display the tow hook's trajectory.
- When a trailer is connected and Reverse (R) gear is engaged, the main view will show the left and right rear-side images, and the reverse radar alert will be disabled.

5 Interior Features

Use of various features for ride comfort, including air-conditioning system and audio system.

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Fully Automatic Climate Control System

▼Fully Automatic Climate Control System

You can control the fully automatic climate control system through the centre display or via voice recognition to provide a comfortable temperature and fresh, clean air inside the vehicle, catering to different driving experiences.

Activation methods: Set through the fully automatic climate control system interface on the centre display or use voice control.

Note

- Set the temperature to the recommended 25°C (77°F), then adjust as needed.
- Setting the temperature to the hottest or coldest setting will not provide the desired temperature more quickly.

⚠CAUTION

Do not obstruct the temperature sensor, otherwise the fully automatic climate control system will not operate properly.

▼Fully Automatic Climate Control System Operation Area

⚠CAUTION

Do not press the screen forcefully or use sharp objects to press the screen. Otherwise, the screen may be damaged.



1. Power Switch: Tap to quickly turn the fully automatic climate control system on/off.

   ### Note

   When the fully automatic climate control system is off, press the power switch to start it.

2. AUTO Switch: Touch the [AUTO] icon to enter the automatic control mode of the air conditioner.
   Once the AUTO mode is activated, you only need to set the temperature (the air volume, internal/external circulation, and air outlet mode will adjust automatically).

   After AUTO mode is activated, operating the air volume, air outlet mode, or state selection icons will exit AUTO mode.

3. Status Selection: Touch to icon in sequence, cooling, heating, ventilation. When in AUTO mode, the icon is displayed as .
4. Fan Speed Selection: Touch or drag the slider to change the volume of the air flow.

5. Air Purification: Tap to activate the air purification function. If the air conditioner is off, it will automatically turn on and activate the ion generator to purify the air.
6. Quick Cooling: Tap to activate maximum airflow, lowest temperature, and switch the circulation to internal recirculation mode.
7. Air PM2.5: Displays the quality of PM2.5 in the car's interior.
8. Operating Mode: Touch to icon between comfort and eco.
9. Front Passenger Seat Temperature Control: Touch to select the front passenger seat's target temperature.
10. One-Touch Defrost: Touch to enter the front defrost mode. The default air volume is level 5, and the air volume will automatically increase to level 5 if the initial air volume is less than level 5.

⚠WARNING

Do not use the front windscreen defroster switch while the temperature control is set to cold position:

It is dangerous to use the front windscreen defroster switch when the temperature control is set to cold position, as this will cause fogging on the outside of the windscreen. Your visibility will be obstructed, which could lead to a serious accident. When using the front windscreen defroster switch, set the temperature control to hot or warm position.

Note

- Fog on windows clears more easily when the fully automatic climate control system is on, but windows are also more likely to fog up after turning off the fully automatic climate control system.
- Be careful not to let windows fog up when performing any of the following operations:
  - Switching to recirculation mode
  - Turning off the fully automatic climate control system
- For maximum defrosting, turn on the fully automatic climate control system, set the temperature to the hottest position, and adjust the airflow to maximum.

11. Fully Automatic Climate Control Switch: Press to enter or exit the air conditioner control screen. Hold down for 0.4s to turn on the air conditioner and hold down for 0.4s to turn off the air conditioner.
12. Air Inlet Switch: Tap to choose between internal air circulation  or external air circulation 

    ⚠WARNING

    Do not use recirculation mode in cold or rainy weather conditions:

    It is very dangerous to use recirculation mode inside the cabin during cold or rainy weather, as this will cause the windows to fog up. Your visibility will be obstructed, which could lead to a serious accident.

13. Airflow Mode Switch: Touch to select different airflow modes, which include 7 modes: face blowing, face and foot blowing, foot blowing, defrosting foot blowing, defrosting, face defrosting, and face and foot blowing while defrosting.
14. Driver Seat Temperature Control: Touch to select the driver's target temperature.
15. SYNC (Synchronized Temperature) icon: Use the SYNC switch to change the mode between the individual operation (driver and passenger) and interconnection (simultaneous) modes.

Air Outlet Operation

▼Adjusting the Vents

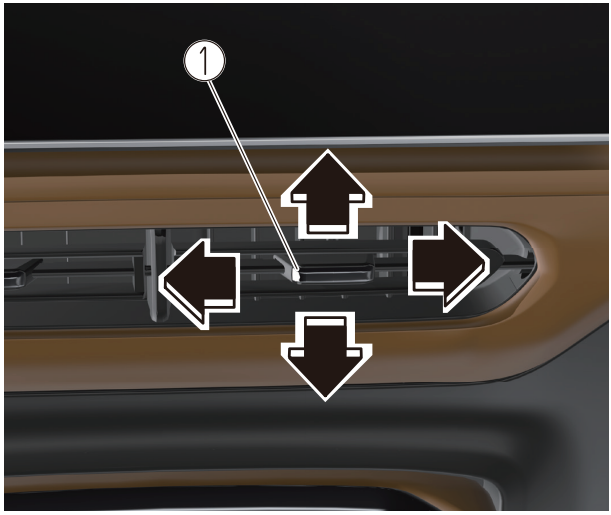
Airflow Direction

To adjust the airflow direction, move the dial.

Note

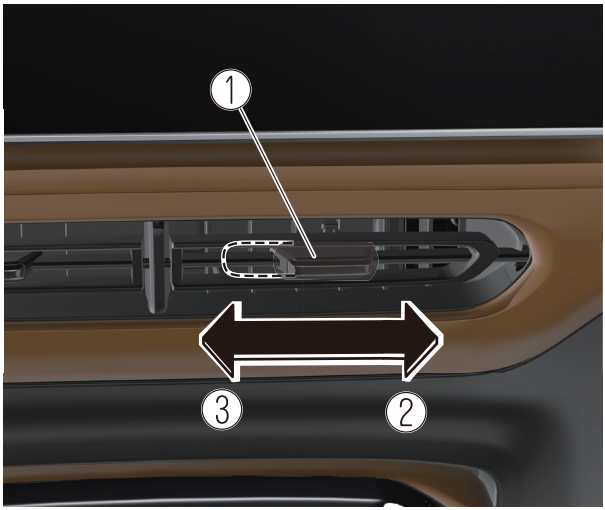
- When using the fully automatic climate control system in a humid environment, the system may blow mist from the vents. This is not a malfunction but is caused by the sudden cooling of humid air.
- The dial can be used to fully open or close the vents.

Airflow direction adjustment



1. Dial

Air vent open/close



1. Dial
2. Open
3. Close

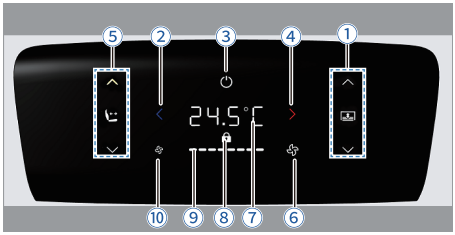
Classification of Fluorinated Agent and Global Warming Potential (GWP):

Item	Content
Presence of Fluorinated Greenhouse Gas (F-gas)	Yes
Type of F-gas	HFC-134a(R-134a)
Global Warming Potential (GWP) of F-gas	0.501/1430
Weight of F-gas	900 g
CO_2 Equivalent of F-gas	1.287 t
Use of Recovered or Recycled F-gas	Yes
Safety Requirements Exemption Note	Not applicable
Leak Checking Requirements	Inspection prior to filling each vehicle
Labelling Requirements	OK

Rear Touchscreen Display

▼Rear Touchscreen Display

The Rear Touchscreen Display allows rear passengers to conveniently adjust the fully automatic climate control system.



1. Power Roof Sunshade Switch*
   Open and close the power roof sunshade.
2. Decrease Temperature
   Tap this icon to lower the temperature. Press and hold for continuous adjustment, with a minimum setting of LO.
3. Fully Automatic Climate Control On/Off
   Tap this icon to turn the vehicle's fully automatic climate control on or off (if defrost is active, the fully automatic climate control cannot be turned off).
4. Increase Temperature
   Tap this icon to raise the temperature. Press and hold for continuous adjustment, with a maximum setting of HI.
5. Front Passenger Electric Seat Adjustment
   Adjust the front passenger seat position.
6. Increase Fan Speed
   Tap this icon to increase the fan speed. Press and hold for continuous adjustment, with a maximum of 8 levels.
7. Temperature Display
   Displays the front passenger's fully automatic climate control temperature.
8. Lock Switch
   When the rear touchscreen display is disabled in the infotainment system, the lock icon is displayed, and the controls are locked.

   When the rear touchscreen display is enabled in the infotainment system, the lock icon is hidden, and the controls are unlocked.
9. Fan Speed Display
   Displays the current fan speed level.
10. Decrease Fan Speed
    Tap this icon to decrease the fan speed. Press and hold for continuous adjustment, with a minimum of 0 level.

*Some models

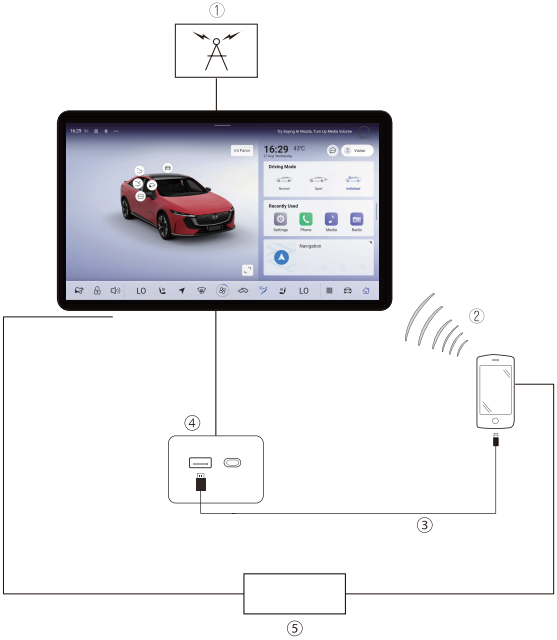
CAUTION

- Avoid unnecessary use of on-screen icons to prevent unintended adjustments to climate control settings, ensuring optimal driving comfort.

What is Connected Service?

▼What is Connected Service?

This manual only indicates a part of the information for Connected Service. For details, check the Web owner's manual at the Mazda site for each country and region.



1. Radio
2. Bluetooth® Audio/Hands-Free Call/SMS (Short Message Service)/Wi-Fi/Apple CarPlay/Android Auto™
3. USB Video/USB Picture/USB Music
4. USB port
5. In-vehicle intelligent application platform

Note

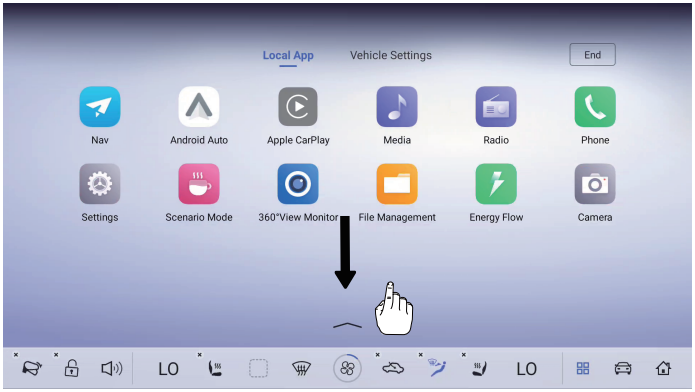
- There are two USB ports, only the left USB port supports USB/Apple CarPlay/Android Auto™ data transfer, and the right USB port only supports phone charging.

After the centre display is activated, the home interface displays the following information:



1. HOME: Tap to return to the home screen from any interface.
2. Vehicle Centre: Includes Vehicle Settings and system settings functions.
3. Task Manager: Tap to display Vehicle Centre.
4. Adjustment of in-car fully automatic climate control, including: driver’ s temperature control, heated front seat switch/front seat ventilation switch, airflow mode switch, and internal/external circulation switch.
5. Fully Automatic Climate Control Switch: A short press can open or close the fully automatic climate control page; a long press of the switch can activate or deactivate the fully automatic climate control function.
6. Interior fully automatic climate control adjustment, including: front defrost switch, rear defrost switch (including external rear-view mirror heating), heated front seat switch/front seat ventilation switch, front passenger temperature adjustment.

7. Volume adjustment switch, including music sound, navigation sound, and phone sound adjustment.
8. Rear Touchscreen Display Lock: Tap to unlock/lock the Rear Touchscreen Display.
9. Rear-view Mirror Folding Switch: Tap to fold/unfold the exterior rear-view mirror.
10. Top Status Bar: Displays the air quality inside and outside the vehicle, current time, mobile data status, WiFi connection status, front passenger airbag deactivation switch status, GPS signal status, Bluetooth® connection status, phone battery status, wireless charging status, and camera activation status.
11. Application Centre: Swipe down with one finger to open the Application Centre.



12. User Account Login: Displays the currently logged-in vehicle system account. Tap to access the vehicle system account application.
13. Message Centre: Displays the number of unread messages, tap to enter the message centre.
14. Application Cards: Includes music shortcut card, phone shortcut card, scene mode shortcut card, and recently used shortcut card. Tap the edit icon to add shortcut cards for other applications.

15.Time and Temperature: Displays the current month, day, week, time, and the temperature of the day.
16.Voice Recognition: The area where the image and voice dialogue of the voice recognition are displayed.
17.Control Centre: Swipe left with one finger to open the Control Centre.



WARNING

Always adjust Connected Service while the vehicle is stopped:
Do not operate the centre display while driving the car. Operating Connected Service while driving the vehicle is dangerous as it could distract your attention from the vehicle operation which could lead to a serious accident.

When using the control switch on the steering wheel, you should 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 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 Connected Service for a long time with the EV system stopped. Otherwise, the 12V 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 Connected Service. However, this does not indicate a problem.

Note

- For navigation system operation, please refer to the navigation manual;
- For Connected Service operation, please refer to the Connected Service Owner's Manual.

Note

When using services such as online navigation and voice control, please complete the following two steps in the Mobile APP in advance:

- Bind the vehicle, refer to the "To Start Connected Service" section for details;
- Scan the QR code to log in to your account when the vehicle's display screen is powered on, and select the network mode to complete the functionality authorization. If the above two steps are not completed, only offline services such as offline voice control and offline navigation will be available, and some online functions will be unavailable.

Connected Service Basic Operations

▼Connected Service Basic Operations

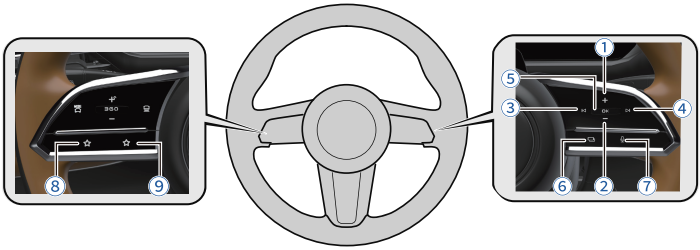
Note

The explanation of functions described in this manual may differ from the actual operation, and the shapes of screens and switches 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.

▼Connected Service Control Switch Operation

The control switch of Connected Service is on the steering wheel. You can operate Connected Service on the steering wheel.



1. + : Increase volume.
2. − : Short press - Decrease Volume/Long Press - Mute.
3. ⏮ : Previous Track/Hang up.
4. ⏭ : Next Track/Pick up.
5. OK : Play/Pause.
6. ▭ : Toggle driving information display on the instrument cluster.

7. : Voice recognition.
8. : Custom function switch 1.
9. : Custom function switch 2.

You can use the steering wheel custom switches to set related convenience features. For details, please refer to the "Steering Wheel Custom Buttons" section.

▼Appendix

Apple CarPlay

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 QUALITY, FITNESS FOR A PARTICULAR PURPOSE, ACCURACY, QUIET ENJOYMENT, AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.
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  IN ADDITION, YOU UNDERSTAND THAT CHANGES IN THIRD PARTY TECHNOLOGY OR GOVERNMENT REGULATION MAY RENDER THE

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- 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 Auto™

CAUTION

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To Start Connected Service

▼Download and Authentication

1. You can download the Mobile APP from the Apple App Store and Google Play.

Note

Please note that this application is only compatible with mobile operating systems iOS 13.0 or later and Android 8.0 or later. The app's control functions are not supported on devices running earlier operating system versions.

▼Vehicle Binding

You can initialize your account information and bind the vehicle at the dealership with the assistance of the service staff. Then complete the vehicle binding process in the App. Once the binding is completed, you can perform operations such as remote vehicle status inquiry and remote control on the vehicle. Follow the steps below to link the App with the vehicle:

1. After logging in to the App, navigate to the available vehicles page and select "Link Vehicle" to view the list of vehicles;
2. Select your vehicle from the list. You will see your vehicle's model, VIN and other details displayed;
3. Click to obtain the verification code, the system will send the vehicle binding verification code to your email;
4. Enter the verification code from your email and click [Confirm Link] to complete the process.

▼Vehicle Unbinding

If you need to cancel your account during use, you can unbind your car in the following ways.

1. After the owner enters the home page, click the nickname of the vehicle in the upper right corner (default nickname: My vehicle or My car) to enter the vehicle management page;
2. Enter the vehicle management page and click the picture of the vehicle to enter the vehicle details page;
3. Click the "Unlink Vehicle" icon to enter the vehicle unbind page, which will indicate the related impact and preconditions after unbind;

4. After clicking "Confirm", the system will automatically judge whether there is a valid vehicle sharing record in the current unstrapped vehicle. If there is, the pop-up window will prompt and provide a icon to go to the vehicle sharing management to end the sharing. If there is no valid vehicle sharing record, the system will enter the account e-mail verification stage;
5. Click to obtain the verification code, the system will send the e-mail verification code to the owner's mailbox;
6. Enter the verification code obtained from the e-mail address, and click "Confirm unbinding" to complete vehicle unbinding.

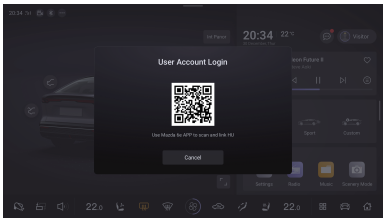
CAUTION

- The management rights of the Mobile APP account belong to the user. Please refer to the Mobile APP for the User Agreement and Privacy Policy. If the user needs to clear the data of the MAZDA on the mobile device, please perform the operation on the mobile side. If it is necessary to clear the data on the platform side, please bring the relevant identification documents to the dealership for verification and processing.

▼Account Login

Account Login

1. QR Code Login
   You can tap "Visitor landing" in the personal centre to bring up the QR code login interface, and use the mobile app to scan the code to log into your personal account.



▼Mobile Control



1. Tap the [Remote Control] icon to switch to remote vehicle control mode.
2. Tap the [Bluetooth®] icon to switch to Bluetooth® control mode.
   Note: Please ensure your phone's Bluetooth® is turned on before use.



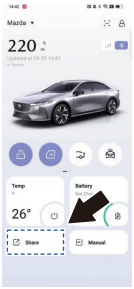
3. After entering remote control mode, the following controls can be carried out:
   - Tap the [Car Lock] icon to lock/unlock the vehicle.
   - Tap the [Window] icon to ventilate/close the windows.
   - Tap the [Liftgate] icon to open/close the vehicle's liftgate.
   - Tap the [Whistle and Flash] icon ,the vehicle will whistle and the lights will flash.
   - Tap the [Flash] icon and the vehicle lights will flash.

   After entering Bluetooth® control mode, the following controls can be carried out:

- Tap the [Car Lock] icon to lock/unlock the vehicle.
- Tap the [Window] icon to open/close the windows.
- Tap the [Liftgate] icon to open/close the vehicle's liftgate.
- Tap the [Electric Rear Spoiler] icon to toggle the open/close state of the vehicle's spoiler;
- Tap the [Whistle and Flash] icon ,the vehicle will whistle and the lights will flash.

▼Sharing Management

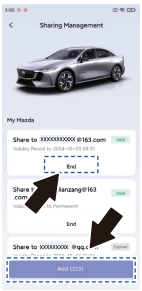
In the APP vehicle control main interface, tap the [Share] icon to manage vehicle digital key sharing.



Tap the [Share] icon on this interface to add shared user information.

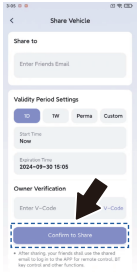
Remarks: Sharing is limited to 3 people.

Tap the [End] icon on this interface to cancel active sharing permissions.



After completing the shared user information, tap the [Confirm to Share] icon to finish adding the shared user information.

After successful sharing, the shared user must log into the APP using the email address you shared to use functions such as remote vehicle control and Bluetooth® key vehicle control.

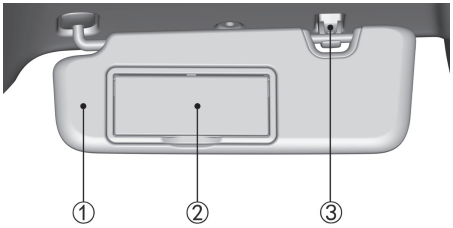


▼Privacy

Mazda maintains a Privacy Statement which describes how we collect, use, share store and secure data from your vehicle equipped with connected services. We provide you with connected services by collecting and using your personal information and vehicle location, health and driving data. To learn more about our Privacy Statement, please check the privacy agreement on each local Mazda official website.

Sun Visor

▼Sun Visor



1. Sun visor
2. Vanity mirror
3. Mounting bracket

The sun visor can prevent glare from affecting the driver and passengers.

Flip down the sun visor, pull the free end of the sun visor out of the mounting bracket, and then flip the sun visor to the side to block glare from the side.

Note

- Please close the vanity mirror cover before closing the sun visor.

Interior Lights

▼Interior Lights

Front Map Lights



1. Lens

Control the front map lights by touching the lens to turn them on and off.

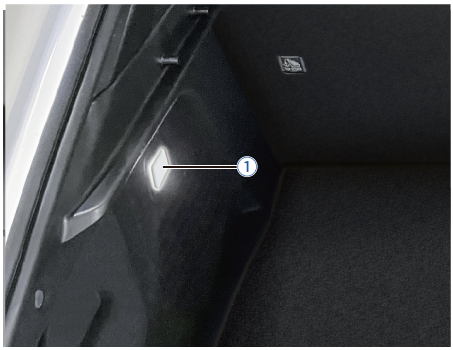
Rear Map Lights



1. Lens

Control the rear map lights by pressing the lens to turn them on and off.

Luggage compartment light
The luggage compartment light is on when the liftgate is open and off when it is closed.



1. Luggage compartment light

Note

Do not leave the liftgate open for extended periods while the EV system is stopped. Otherwise the lead-acid battery power could be depleted.

Accessory Sockets

▼Accessory Sockets



The front row accessory socket provides 12V DC power. The power consumption of electrical devices should be ⩽ 120 W.

⚠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.

- 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 ensure that the problem is resolved. If the problem is resolved, disconnect the device from the socket and power off. If the problem is not resolved, consult an expert repairer, we recommend an Authorised Mazda Repairer.

Cup Holder

▼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

The front cup holder is on the sub instrument panel.



1. Front cup holder

▼Rear

The rear cup holder is on the rear centre armrest.



1. Rear cup holder

Bottle Holder

▼Bottle Holder

Bottle holders are on the inside of the doors.



1. Bottle holder

CAUTION

Do not use the bottle holders for containers without caps. The contents may spill when opening/closing the door or while driving the vehicle.

Assist Grips

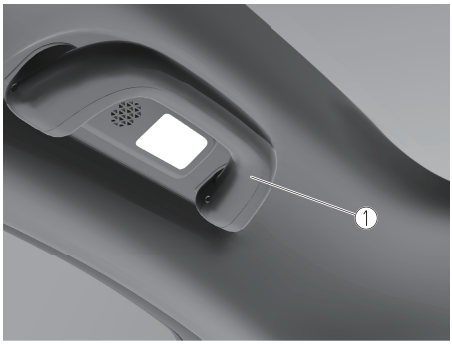
▼Assist Grips

WARNING

Never hang heavy or sharp objects on the assist grips:
Hanging heavy or sharp-ended objects such as a coat hanger from the assist grips is dangerous as they can fly off and hit an occupant in the cabin if a curtain airbag was to deploy, which could result in serious injury or death.

Do not use the assist grips when getting in and out of the vehicle or getting out of a seat:
An assist grip could break under a heavy load resulting in injury.

Use the assist grips to support your body while seated in the vehicle and while the vehicle is moving.



1. Assist Grip

Storage Compartments

▼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 during sudden braking, manoeuvring, or acceleration and cause an accident depending on how the article is stored.

CAUTION

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.

▼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



Press the switch button on the side of the centre console, and the lid will automatically pop open.

▼Luggage Compartment

You can store large goods and luggage in the luggage compartment.



Cargo Sub-Compartment

1. Lift the luggage mat.



1. Luggage mat

▼Boot

When the boot is opening, you can use the boot storage space to load items. The boot storage space is divided into upper and lower layers.

CAUTION

- The loading weight of the boot should not exceed 25 kg (55 lb), otherwise damage may occur.
- Do not load flammable, explosive, or sharp items to avoid damage or injury.

WARNING

- When storing liquid items, ensure proper sealing to prevent liquid leakage that may damage the vehicle. If leakage occurs, clean up promptly.
- Never allow people or animals to enter the boot. Always check interior before closing.

Wireless Phone Charger (Qi)

▼Wireless Phone Charger (Qi)

This vehicle can charge phones with wireless charging capability. The output power adapts to the phone's receiving power for energy efficiency, with a maximum output of 50W. The charging speed is affected by factors such as the phone's receiving power and its distance from the charging pad.

Using Wireless Charging

1. The phone placement area is on the left side of the storage tray at the front of the centre console. Charging begins when the phone indicates it is charging.
2. For better heat dissipation, please place the phone with its back covering the panel's air outlet.



The centre display screen in the vehicle shows a wireless charging status indicator. When the wireless charging icon is

and flashing green, it indicates that wireless charging is in progress. When the green light is steady, it indicates that charging is complete. If the wireless charging icon is red, it indicates that the wireless charging function is currently unavailable. Please refer to the following scenarios for the specific reasons.

Before using the wireless charging function, please remove any foreign objects from the charging pad surface. Do not place metal objects or magnetic cards in the charging area. Also, avoid using thick phone cases or metal phone cases (charging may not be possible when using thick or metal phone cases).

If the centre display shows the message "Wireless charging temperature too high", please remove the phone and try again later.

Charging stops automatically when the phone is fully charged. If some phones fail to charge, please turn off the phone, restart it, and place it back in the charging area.

The wireless phone charging function requires cooperation between the vehicle and the phone. Faults in either the vehicle or phone may result in charging failure. On bumpy roads, wireless phone charging may intermittently stop and resume. If the phone moves out of the effective charging area, it needs to be placed back into the effective charging area.

⚠WARNING

Radio waves from the wireless phone charger (Qi) may affect the operation of medical devices such as implanted-type cardiac pacemakers or defibrillators.

- Before using the wireless phone charger (Qi) near people who use medical devices, ask the medical device manufacturer or your physician if radio waves from the wireless phone charger (Qi) will affect the device.
- The wireless phone 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 phone 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 phone charger (Qi). If the wireless phone charger (Qi) needs to be installed or removed, consult an expert repairer, we recommend an Authorised Mazda Repairer.
- Do not use the wireless phone charger (Qi) when it is

malfunctioning. In addition, if smoke, abnormal noise, or abnormal smell is emitted from the wireless phone 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 phone charger (Qi) to store items on, turn off the wireless phone 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 phone charger (Qi).
- When charging, do not place any item other than the mobile device to be charged on the wireless phone 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 phone charger (Qi) or get it wet.
- Use only mobile devices which support the wireless phone charger (Qi).

CAUTION

- While a mobile device is placed on the charging area, keep the vehicle key away from the wireless phone charger (Qi). The vehicle key may not be detected due to radio wave interference by the wireless phone 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 phone charger (Qi), ensure to back up the data stored on the mobile device. The data on the mobile device could be deleted.

➢ Do not wipe the wireless phone 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.
- 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 phone 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 phone charger (Qi), applications using

the Near Field Communication (NFC) function may activate, but this does not indicate a problem with the Wireless Charger (Qi).

6 Maintenance and Care

How to keep your Mazda in top condition.

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Introduction

▼Introduction

The maintenance tasks outlined in the "Maintenance Table" section should be carried out by qualified service technicians (we recommend an Authorised Mazda Repairer).

Vehicle owners may carry out the maintenance tasks outlined in the "Owner Maintenance" and "-Appearance Care" sections, where clear stepby-step instructions are provided.

All other maintenance tasks that do not have specific instructions must be carried out by qualified service technicians.

Exercise caution to avoid injury when inspecting the vehicle, replacing tyres, or performing maintenance tasks (such as washing the car). Pay particular attention when handling areas that are hard to see while inspecting or working on the vehicle. Always wear thick protective gloves, such as cotton gloves. Handling inspections or tasks with bare hands may lead to injury.

If you are uncertain about any procedure outlined in this manual, we strongly advise you to have a reliable and qualified technician carry out the task. Consult a professional service technician; we recommend an Authorised Mazda Repairer.

Mazda Authorised technicians and genuine Mazda parts are specifically engineered for your vehicle. Without professional knowledge and parts specifically engineered and manufactured for Mazda, inadequate, incomplete, or improper servicing may lead to malfunctions. This could result in vehicle damage, accidents, or injuries.

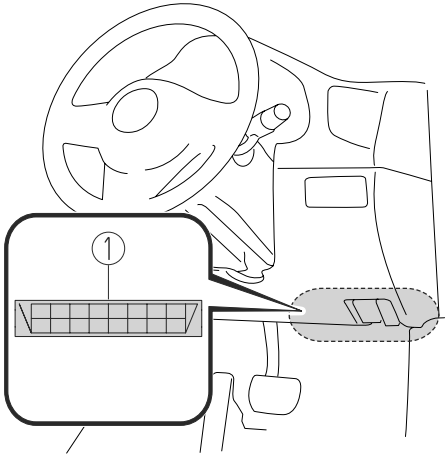
For expert advice and highquality service, please consult a professional service technician; we recommend an Authorised Mazda Repairer.

Owners should retain proof that the required maintenance has been carried out as prescribed.

Warranty claims arising from lack of maintenance, as opposed to defective materials or Authorised workmanship, will not be honoured.

For expert advice and high-quality service, consult an expert repairer (we recommend an Authorised Mazda Repairer).
The diagnostic connector is specifically designed for on-board diagnostic equipment.

Do not connect any devices other than the specialised diagnostic equipment for servicing. If any device other than the diagnosis device is connected, it may affect the vehicle's electrical devices or lead to damage such as 12 V battery depletion.



1. Diagnostic connector

CAUTION

When using the diagnostic connector, please note the following:

- Strictly follow the instructions for the diagnostic connector to avoid incorrect operations that may further damage the vehicle or equipment.
- Keep the diagnostic connector and interface cables clean and dry to avoid water ingress or contamination by external substances.
- Regularly update and upgrade the software of the diagnostic connector to ensure the accuracy and currency of diagnostic functions.

Scheduled Maintenance

▼Scheduled Maintenance

After the prescribed period, continue to follow the described maintenance at the recommended intervals.

Maintenance Table

▼Maintenance Table

Note

- After the prescribed period, continue to follow the described maintenance at the recommended intervals.
- As the result of visual examination or functional measurement of a system's operation (performance), correct, clean, or replace as required.

Normal Driving Scheduled Maintenance:

Vehicles utilizing the vehicle scheduled maintenance reminder function (My Mazda Service):
The vehicle scheduled maintenance reminder function alerts you of maintenance needs by turning on the wrench indicator light on the instrument panel and displaying a pop-up message on the centre display.

Every maintenance must be done when the display/wrench indication comes on. The display/wrench indication will come on before reaching the maximum interval, 20,000 km (12427 mile) or 12 months, whichever comes first. (After the previous maintenance)

Reset Service Interval when the maintenance was performed regardless of the message/wrench indicator light display.

Scheduled Maintenance

Maintenance Item	Number of months or kilometres (miles),whichever comes first.												
	Months	12	24	36	48	60	72	84	96	108	120	132	144
	×1,000 km	20	40	60	80	100	120	140	160	180	200	220	240
	×1000 miles	12.5	25	37.5	50	62.5	75	87.5	100	112.5	125	137.5	150
Electric Drive System Assembly													
◇Electric drive system assembly connectors (looseness, damage)		I	I	I	I	I	I	I	I	I	I	I	I
◇Electric drive system assembly grounding bolts and wire harness terminals		I	I	I	I	I	I	I	I	I	I	I	I
◇Electric drive system assembly mounting bolts (looseness, damage)		I	I	I	I	I	I	I	I	I	I	I	I
◇Electric drive system assembly cooling system (leakage, damage, loose water pipe connections)		I	I	I	I	I	I	I	I	I	I	I	I
◇Electric drive system assembly reducer housing surface, half-shaft oil seal, fill plug, drain plug, vent plug (oil leakage, damage)		I	I	I	I	I	I	I	I	I	I	I	I
◇Electric drive system assembly surface (clean, no attached dirt)		I	I	I	I	I	I	I	I	I	I	I	I
◇Electric drive system reducer lubricant		–	–	R	–	–	R	–	–	R	–	–	R
High Voltage Wiring System													
◇High voltage wiring surface (damage,visual inspection)		I	I	I	I	I	I	I	I	I	I	I	I
High Voltage Battery System													
◇High voltage battery assembly surface damage		I	I	I	I	I	I	I	I	I	I	I	I
◇High voltage battery assembly		I	I	I	I	I	I	I	I	I	I	I	I

Maintenance Item	Number of months or kilometres (miles),whichever comes first.											
Months	12	24	36	48	60	72	84	96	108	120	132	144
×1,000 km	20	40	60	80	100	120	140	160	180	200	220	240
×1000 miles	12.5	25	37.5	50	62.5	75	87.5	100	112.5	125	137.5	150
mounting bolts (looseness, damage)												
Chassis and Body												
◇Brake fluid*1	I	R	I	R	I	R	I	R	I	R	I	R
◇Front: Brake discs and calliper pads	I	I	I	I	I	I	I	I	I	I	I	I
◇Rear: Brake discs and calliper pads	I	I	I	I	I	I	I	I	I	I	I	I
◇Brake hoses and pipes	I	I	I	I	I	I	I	I	I	I	I	I
◇Tyres*2*3*4	I	I	I	I	I	I	I	I	I	I	I	I
◇Wheels and wheel nuts	I	I	I	I	I	I	I	I	I	I	I	I
◇Bolts and nuts	I	I	I	I	I	I	I	I	I	I	I	I
◇Steering mechanism (clearance, tightness)	I	I	I	I	I	I	I	I	I	I	I	I
Body condition (for rust, corrosion and perforation)	Inspect annually.											
Electrical												
◇Electrical wiring, connections and lights	–	I	–	I	–	I	–	I	–	I	–	I
Air conditioning system												
◇Refrigerant amount	–	I	–	I	–	I	–	I	–	I	–	I
◇Refrigeration system	–	I	–	I	–	I	–	I	–	I	–	I
◇Compressor	–	I	–	I	–	I	–	I	–	I	–	I
◇Cabin air filter*5	R	R	R	R	R	R	R	R	R	R	R	R
◇Receiver drier	–	I	–	I	–	I	–	I	–	I	–	I
◇Refrigerant lines	–	I	–	I	–	I	–	I	–	I	–	I
Cooling system												
◇Coolant	–	–	R	–	–	R	–	–	R	–	–	R
◇Hoses and connections	–	I	–	I	–	I	–	I	–	I	–	I

Scheduled Maintenance

Chart symbols:

I: Inspect: Inspect and clean, repair, adjust, fill up, or replace if necessary;

R: Replace;

Remarks:

1. Replace the brake fluid every two years.
2. Inspect a spare tyre if equipped.
3. Check the tyre repair fluid expiration date every year when performing the periodic maintenance. Replace the tyre repair fluid bottle with new one before expiration date.
4. Tyre rotation is recommended every 10,000 km (6214 mile).
5. According to the severity of the pollution situation, replace the cabin air filter at every 20,000 km (12427 mile).

▼Maintenance Schedule for Severe Driving Conditions

Component Name	Maintenance Type	Maintenance Interval	Driving Conditions
Drive shaft and dust cover	I	Every 10,000 km (6214 mile) or 6 months	B.C.D.E
Chassis bolts and nuts	I	Every 10,000 km (6214 mile) or 6 months	A.B.D.E
Brake discs and brake pads	I	Every 10,000 km (6214 mile) or 6 months	A.B.C.D.E
Tie rod ends, tie rod dust covers	I	Every 10,000 km (6214 mile) or 6 months	B.C.D
Parking brake	I	Every 10,000 km (6214 mile) or 6 months	A.B.C.D.E
Front suspension ball joints	I	Every 10,000 km (6214 mile) or 6 months	A.B.D.E

Chart symbols:

I: Inspect: Inspect and clean, repair, adjust, fill up, or replace if necessary;

Driving Conditions:

A: Repeated short trips;

B: Driving on rough and muddy roads;

C: Driving on dusty roads;

D: Driving in extremely cold or on salted roads;

E: Repeated short trips in extremely cold weather such as snow conditions.

Owner Maintenance Precautions

▼Owner Maintenance Precautions

⚠WARNING

Do not use a match or live flame in the motor compartment. DO NOT ADD COOLANT WHEN THE EV SYSTEM IS HOT:
A hot EV system is dangerous. If the EV system has been running, parts of the motor compartment can become very hot. You could be burned. Carefully inspect the EV system coolant in the coolant reservoir, but do not open it.

When performing any new vehicle inspection, adjustment, or maintenance work on your vehicle, please note the following to reduce the risk of personal injury or vehicle damage:

1. When using a jack, do not use the high-voltage battery as a support point, and never go under the vehicle. If work underneath the vehicle is necessary, use safety stands to support the vehicle;
2. Keep smoking materials, open flames, and sparks away from the battery, high-voltage battery, and high-voltage components;
3. When the vehicle is unlocked and powered on, never approach or dismantle the 12 V battery or any electrical components;
4. When connecting 12 V battery cables, pay special attention to polarity. Never connect the positive cable to the negative terminal, or the negative cable to the positive terminal;
5. Be aware that the high-voltage battery and vehicle circuits carry high current or high voltage. Be careful not to cause a short circuit;
6. Keep used coolant and other fluids away from children and pets, and do not store them in any easily accessible place.

When inspecting, repairing, or maintaining a battery electric vehicle, pay special attention to safety to prevent accidents. Please be particularly aware of the following situations:

⚠WARNING

1. After the vehicle is powered on, do not touch high-voltage lines and high-voltage components with warning labels;
2. Non-professional maintenance personnel are strictly prohibited from disassembling high-voltage lines and high-voltage components with warning labels;
3. When servicing and maintaining the vehicle, ensure that the vehicle's power is off and disconnect the negative terminal of the 12 V battery cables;
4. When the motor are running, keep hands, feet, clothing, tools, and other objects away;

5. Do not touch heat-dissipating components such as batteries, motors, exhaust pipes, coolant, etc., to avoid burns;
6. Be careful not to approach the positive and negative terminals of the high-voltage battery to avoid accidental short circuits;
7. When cleaning the surface of high-voltage components, use a dry cloth to clean foreign objects. Never wash directly with water. When washing and maintaining the vehicle, prevent water from entering the control units;
8. Do not install equipment that may cause radio interference on the vehicle to avoid interference;
9. Whether the vehicle is running or not, it is prohibited to dismantle high-voltage components, sensors, or other sensitive elements when the vehicle is unlocked and powered on.

▼High-Voltage Battery Maintenance

This high-voltage battery, composed of multiple battery cells connected in series and parallel, should be able to store energy input from devices or motors, and provide energy to motors or other loads.

To help the battery management system accurately calibrate the state of charge and ensure the accurate subsequent power display, perform a complete "full charge and discharge" cycle after the vehicle is delivered: use the battery power to less than 15%, then use the slow charging pile (AC charging) to fully charge it to 100% at one time and wait for the charging pile to automatically end charging. Avoid manually terminating charging early to allow the battery management system to complete self-calibration.

During frequent use, to keep the high-voltage battery in optimal condition, it is recommended to fully charge the vehicle at least once a week.

To ensure the performance and normal power supply of the high-voltage battery during vehicle transportation or storage, it is recommended that the vehicle's displayed charge level be at 40% or above before transportation or storage.

When it is clear that the vehicle will not be used for an extended period

(over 3 months), ensure that the high-voltage battery pack is stored with a charge level above 40%. Do not leave the vehicle parked for more than 7 days with the high-voltage battery pack charge level below 20%. If the required time limit is exceeded, please use the vehicle's built-in charging equipment to charge the battery to above 40%.

▼Monthly Inspection

Monthly inspections are not mandatory and the schedule may be adjusted according to the vehicle's condition. If you are unable to carry it out yourself, we recommend an Authorised Mazda Repairer.

- Check for any coolant leaks.
- Check for leaks in pipes, hoses, and fluid reservoirs.
- Air conditioning condensate drain tube
  Check if the air conditioning condensate tube is damaged or blocked (if blocked or damaged, condensate will flow onto the passenger floor).
- Parking brake operation
  Check if the parking brake can engage and release properly.
- Horn operation
- Wheel nut tightness
  Ensure nuts and bolts are tightened to the specified torque.
- Windshield wipers
  Check if the wiper arms and blades are in good condition.
- Steering
  Check if the steering wheel is not too loose.
- Pedals
  Check if the brake pedal travel is appropriate.
- High-voltage components

Check if the battery, electric drive, and high-voltage wiring harness are normal.

▼Daily Inspection

Routine inspections are not mandatory and the schedule may be adjusted according to the vehicle's condition. If you are unable to carry it out yourself, we recommend an Authorised Mazda Repairer.

- Warning lights and indicators
  Check if all instruments, controls, and warning lights are functioning normally.
- Rear-view mirror
  Ensure that the reflective surfaces of the rear-view mirror are clean and can be adjusted normally.
- All doors, liftgate, and bonnet.
  Check if all doors and the liftgate lid open and close smoothly and lock securely.
- Vehicle exterior
  Check the vehicle's exterior for any paint chips or scratches. If found, repair immediately to prevent corrosion of the exposed metal.
- Lights
  Check if all driving lights (- headlights, taillights, position lights, daytime running light, turn signals, brake lights, and fog lights) are working properly.
- High-voltage components
  Check if the battery, motor, and high-voltage wiring harness are normal.

Bonnet

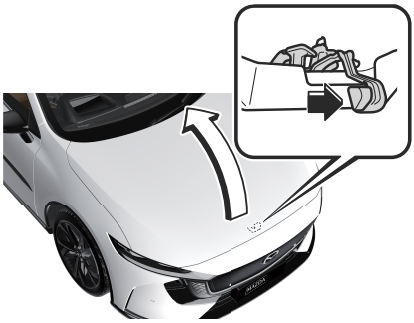
▼Bonnet

Opening the Bonnet

1. To open the bonnet, pull the bonnet release handle located on the lower right side of the dashboard. The bonnet will be released and partially open.



2. Gently lift the bonnet and move the release handle, located slightly to the right of centre at the front of the bonnet (– indicated area), to the right until the bonnet can be raised. The support rod will automatically prop up the bonnet.

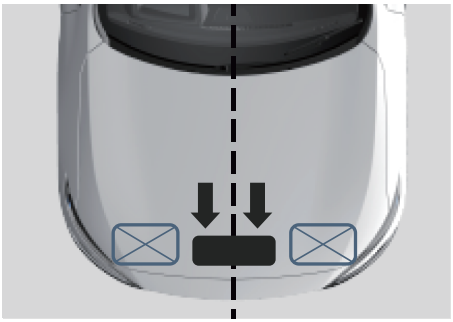


⚠WARNING

Ensure the vehicle is in P position before opening the bonnet.

Before opening the bonnet, ensure that the windscreen wipers are positioned against the windscreen, otherwise the wipers or the bonnet may be damaged.

Closing the Bonnet



1. When closing the bonnet, lower it and let it drop freely from a height of about 30 cm (1 ft.).
2. Place both hands on the arrow-marked areas of the bonnet. Within approximately 15 cm (0.82 ft) from the centreline (do not press other areas), firmly press with your palm (do not use your fingers) to ensure it is securely closed. Then, pull the front edge of the bonnet to confirm it is locked.

⚠WARNING

Before driving, always ensure that the bonnet is completely locked to prevent it from unexpectedly opening and obstructing your view, which could lead to an accident.

Do not pull the Bonnet release handle while the vehicle is in motion.

Coolant

▼Coolant

WARNING

Do not use a match or live flame in the motor compartment. DO NOT ADD COOLANT WHEN THE EV SYSTEM IS HOT:
A hot EV system is dangerous. If the EV system has been running, parts of the motor compartment can become very hot. You could be burned. Carefully inspect the EV system coolant in the coolant reservoir, but do not open it.

Check if the coolant level in the reservoir of the vehicle's cooling system is maintained between the MIN (minimum) and MAX (-maximum) lines. If the level is below the MIN line, add coolant up to the MAX line. When adding coolant, allow the vehicle to cool down to prevent splashing and potential burns from the antifreeze. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

Note

When adding coolant, please use genuine Mazda coolant with a freezing point of -40°C (do not mix with other coolants).

Do not use tap water, river water, well water, or mineral water or any hard water or water with impurities as coolant.

If coolant accidentally splashes into your eyes, immediately rinse with plenty of clean water. In severe cases, seek medical attention promptly.

▼Inspecting Coolant Level

If the coolant level becomes too low, the vehicle's speed will be restricted and the temporary power-limitation warning lamp on the instrument cluster will illuminate. When this occurs, check the coolant level immediately. If the fluid level is abnormally low, please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

Inspection procedure:

1. Pull the bonnet release lever located on the lower right side of the driver's area;
2. At the front of the vehicle, release the bonnet latch while simultaneously lifting the bonnet. The bonnet will be supported by gas-filled struts;
3. If an inspection hatch is present, remove it to perform the inspection. If there is no inspection hatch, remove the bay trim to perform the inspection.

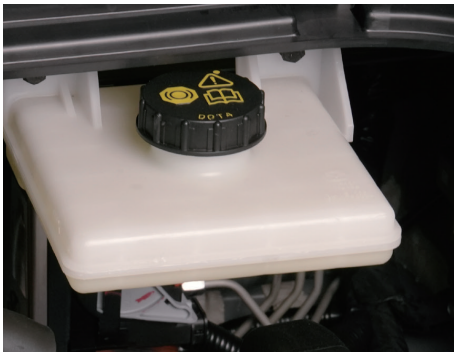
Brake Fluid

▼Brake Fluid

⚠WARNING

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.

Brake wear can cause the brake fluid level to fall gradually. The brake fluid level must therefore be checked at the intervals specified in the maintenance schedule. Please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.



▼Checking Brake Fluid Level in the Reservoir

The fluid level will decrease as the mileage increases. This is a normal phenomenon related to the wear of brake linings. When the fluid level is too low, system performance may be affected. If the brake system fault indicator light on the instrument panel illuminates, the brake fluid level needs to be checked for being too low. If the fluid level is abnormally low, please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.



Note

Before removing the reservoir cap and adding brake fluid, thoroughly clean the area around the reservoir to prevent contamination. After each brake fluid change, be sure to bleed air from the brake line system.

CAUTION

- Use only anhydrous, clean brake fluid. Contamination by dust, water, petroleum products, or other materials may cause damage to the brake system and lead to malfunctions.
- When replacing or adding brake fluid, use only the specified brake fluid. Do not mix different types of fluids, as this may reduce braking performance.

WARNING

Do not allow fluid to come into contact with skin or eyes. If this occurs accidentally, immediately rinse the affected area with plenty of clean water. In severe cases, seek medical attention as soon as possible.

Window and Headlight Washer Fluid

▼Window and Headlight Washer Fluid

Please regularly check the fluid level in the windscreen washer fluid reservoir and refill promptly. When the ambient temperature is below 0°C, use antifreeze washer fluid to prevent freezing.

Please use qualified washer fluid purchased through regular channels. Unqualified washer fluid may cause motor damage, clogged nozzles, and other malfunctions. If the washer system malfunctions, please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

Note

Do not add tap water, coolant, soapy water, or similar solutions to the washer fluid reservoir. Tap water and soapy water may cause pipe blockages, while coolant sprayed on the windscreen can impair visibility and lead to loss of vehicle control. Additionally, splashed coolant can damage paint and vehicle trim.

⚠WARNING

Keep sparks away from the washer fluid reservoir (washer fluid is flammable).

Do not add washer fluid when the motor is overheated or operating.

Do not touch or ingest washer fluid.

Lubrication System

▼Lubrication System

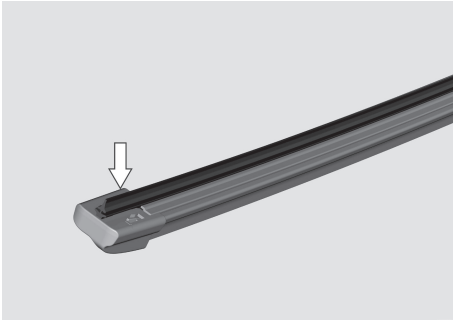
Every time the oil is changed, all moving parts of the vehicle body should be lubricated. For example: the hinges and locks of doors and the bonnet. In cold weather, use antifreeze lubricant on the locks.

Ensure that after releasing the main bonnet latch, the secondary latch can prevent the bonnet from opening.

Wiper Blades

▼Checking Wiper Blades

Run your fingertip along the rubber edge of the wiper blade to check for roughness.



If the wiper blades are not cleaning properly, use a soft sponge dampened with water to clean the rubber strip of the wiper blades. First, use a specialized cleaner to wash the windscreen and wiper blades, then rinse with clean water. If the windscreen still cannot be adequately cleaned after washing the wiper blades and glass, replace the wiper blades immediately.

Note

When there is visible foreign matter on the windscreen or wiper blades, it must be cleaned off before using the wipers to avoid damaging the rubber strip of the wiper blades.

In winter, before activating the wipers, completely clear any ice and snow from the windscreen and wipers.

Never use gasoline, petroleum, paint thinner, or other similar solvents to clean the wiper blades.

To avoid damaging the wiper arms or other components, do not manually bend or twist the wiper arms and blades.

▼Replacing Wiper Blades

If your wipers are leaving streaks or not cleaning effectively, the blades may be worn or cracked and should be replaced. Replace it.

⚠CAUTION

- To prevent damaging a windscreen wiper blade, wiper arm, or the bonnet, perform the following procedure.
  - Always set the wipers to the service position before lifting them from the windscreen.
  - When returning the wiper blades to the windscreen, ensure they are in the maintenance position. After placing them back, manually deactivate the wiper maintenance mode, and then operate the windscreen wipers as usual.
- Use only Mazda Genuine wiper blades for replacement. Nongenuine parts may not provide the same cleaning performance and reliability.

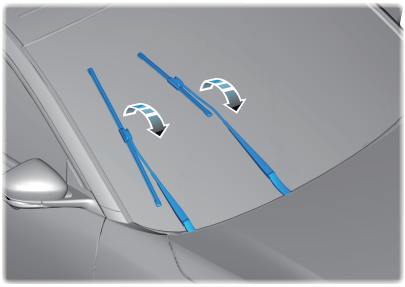
- Never force the wiper arms by hand, as this may damage the wiper mechanism.
- Avoid bending the rubber blade during replacement, as this can deform the internal metal support and reduce wiping effectiveness.
- Do not hold a wiper blade by its end when raising the wiper arm. Otherwise, the part may deform and the wiping performance may lower.
- Forcefully lowering the wiper arms could damage the wiper arm and blade, and may scratch or crack the windshield.

Note

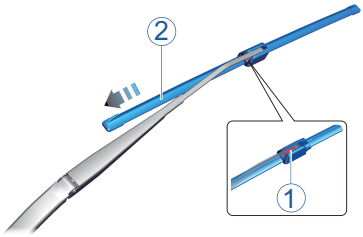
Wiper blades can be replaced by owners, but wiper arm replacement must be performed by a professional.

If you want to replace the wiper arms, consult an expert repairer (we recommend an Authorised Mazda Repairer). Replace the wiper blades using the following procedure.

1. Shift to Park and turn off the wipers.
2. On the centre display, tap "– Vehicle Centre → Safety → Wiper Repair Mode", the wipers will automatically move to the maintenance position.



3. Lift the wiper arm, press the front wiper blade locking clip ①, and simultaneously pull out the front wiper blade ② in the direction of the arrow, and remove the blade assembly from the wiper arm.



4. Install in the reverse order of removal.
5. Exit the wiper repair mode, and the wiper blades will automatically return to their original position.

▼Wiper Maintenance Tips

Due to prolonged disuse, wiper blades may become deformed from pressure. It is normal to experience shaking, unusual noises, or ineffective wiping during the first few operating cycles. These issues typically disappear after continuous use.

If the vehicle has been parked for an extended period, it is recommended to lift the wiper arms once before driving to restore the wiper blades to their original position (wiper blades should be nearly perpendicular to the glass). This can reduce the likelihood of rubber strip deformation.

Air Conditioning Filter

▼Air Conditioning Filter

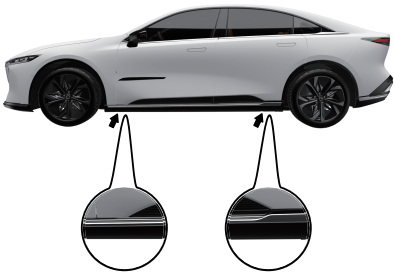
The replacement interval is annually or every 20,000 kilometres (12427 mile) (please consult an expert repairer (we recommend an Authorised Mazda Repairer) for replacement to reduce the likelihood of air conditioning odours).

Jacking and Lifting

▼Jacking and Lifting

Follow these steps to lift the vehicle.

1. Position the vehicle in the centre of the lift.
2. Place the lift arm pad beneath the designated body lifting area. The front lifting area is beneath the body metal threshold protrusion (as shown in the figure below), and the rear lifting area is in front of the body metal threshold indentation near the power battery fixing point (as shown in the figure below). Do not place the lift arm contact pad beneath the battery.



3. Adjust the height and position of the lift arm pads to ensure correct placement.
4. Raise the lift to the desired height, ensuring that the lift arm pads remain in the proper position.
5. Engage all lift safety locks according to the lift manufacturer's instructions.

CAUTION

Do not lift the vehicle when the charging cable is connected, even if it is not charging.

WARNING

Never work on a vehicle that is not properly supported. Doing so may result in severe damage, personal injury, or death.

CAUTION

Never lift from under the battery. Only place the lift arm pads under the designated body lifting points. The locations shown are the only approved lifting points for this vehicle.

Lifting at any other point may cause damage.

Damage caused by improper lifting is not covered by the warranty.

12 V Battery

▼12 V Battery

WARNING



Before using or inspecting the 12 V battery, carefully read the following precautions to ensure safe and correct operation:



Always wear eye protection when working near the 12 V battery:
Working without eye protection is dangerous. 12 V battery acid contains sulphuric acid, which can cause blindness if splashed into your eyes. Also, hydrogen gas produced during normal 12 V battery operation can ignite and cause the 12 V battery to explode.



Wear eye protection and protective gloves to avoid contact with 12 V battery acid:
Spilled lead-acid battery fluid is dangerous.

12 V battery acid contains sulphuric acid, which could cause serious injuries if it comes into contact with your eyes, skin, or clothing. If this occurs, immediately flush your eyes with water for 15 minutes or thoroughly wash your skin, then seek medical attention.



Always keep 12 V batteries out of the reach of children:
Allowing children to play near 12 V batteries is dangerous.

12 V battery acid can cause severe injuries if it splashes into eyes or onto skin.



When working near 12 V battery, ensure there are no flames or sparks nearby, and do not touch the positive (+) or negative (−) terminals with metal tools. Do not allow the positive (+) terminal to contact the 12 V battery body:
Flames and sparks near the 12 V battery are dangerous. Hydrogen gas, produced during normal 12 V battery operation, can ignite and cause the 12 V battery to explode. An exploding 12 V battery can cause severe burns and injuries. Keep all flames, including cigarettes and sparks, away from the 12 V battery.


Keep all flames and sparks away from 12 V battery, as hydrogen gas is produced when charging the 12 V battery or adding 12 V battery acid:
Flames and sparks near open 12 V battery are dangerous. Hydrogen gas, produced during normal 12 V battery operation, can ignite and cause the 12 V battery to explode. An exploding 12 V battery can cause severe burns and injuries. Keep all flames, including cigarettes and sparks, away from the 12 V battery.

▼Self-discharge of 12 V Battery

The 12 V battery self discharges, meaning that even when disconnected and stored, its charge will significantly deplete over a period exceeding two months. The self-discharge of the 12 V battery is influenced by factors such as temperature and storage conditions.

- Higher temperatures result in a higher self-discharge rate.
- Storage areas with high humidity and dust will accelerate the self-discharge of the 12 V battery.

▼Methods to Reduce 12 V Battery Self-Discharge

- Ensure the positive and negative terminals of the 12 V battery are securely connected.
- Keep the surface of the 12 V battery clean.
- If not using the vehicle for an extended period, remove the 12 V battery and store it in a moderate temperature and dry environment.
- When the high-voltage system is not activated, avoid using the vehicle's electrical accessories for prolonged periods.

▼Power Loss of 12 V Battery

The main causes of power loss in the 12 V battery are:

- Power consumption by continuous electrical devices, such as anti-theft alarm systems.
- Electrical leakage due to poor insulation performance of vehicle components.
- Power loss caused by static current and leakage current in the circuit when the negative terminal is not disconnected.
- Using electrical accessories in the vehicle when the high-voltage system is not activated.

▼12 V Battery Charge Check

Using headlights as a load and a voltmeter for checking:

Connect the voltmeter to the 12 V battery and read the voltage. Then turn on the headlights. If the 12 V battery voltage remains above 11.5 volts and doesn't drop rapidly, you can start the vehicle after idle charging. If the 12 V battery voltage drops rapidly after turning on the headlights, the battery needs to be charged.

▼12 V Battery Replacement

Contact an expert repairer (we recommend an Authorised Mazda Repairer) for battery replacement.

Key Battery Replacement

▼Key Battery Replacement

If the switches on the transmitter do not operate, the battery may be dead.

Replace the transmitter with a new battery before it can no longer be used.

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.

Tyre

▼Tyre Repair Kit

The tyre repair kit is designed solely for repairing tyre punctures of up to 6 mm (0.2 in) in the tread area. For all other situations, please contact roadside assistance.

Refer to the operating instructions included with the tyre repair kit for detailed usage information.

Note

- Avoid sudden acceleration and abrupt turns after completing the tyre repair with the sealant.
- The tyre sealant is a provisional repair measure for damaged tyres. Have the tyre replaced at a professional repair centre as soon as possible, and advise the technician that the tyre contains sealant. (We recommend an Authorised Mazda Repairer.)
- After using the sealant, consult an expert repairer (we recommend an Authorised Mazda Repairer) to obtain a replacement bottle of sealant.
- When the sealant is approaching its expiry date, replace it with a new bottle. The date of manufacture and the expiry date are displayed on the sealant bottle.

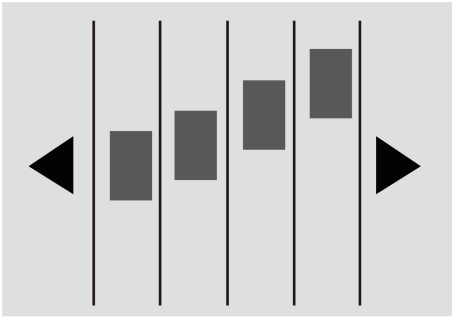
CAUTION

- Avoid contact with skin, eyes, or clothing.
- In the event of sealant contact with skin, rinse thoroughly with water immediately.
- If an allergic reaction develops, seek medical attention immediately.
- If the sealant is ingested, rinse your mouth thoroughly with water and drink plenty of water. Do not induce vomiting; seek medical attention immediately.

▼Tyre Maintenance

Avoid driving over large obstacles such as potholes and kerbs. Do not scuff the tyre sidewalls, and regularly inspect the tyres for damage, foreign objects, or uneven wear. Irregular tread wear may indicate improper wheel alignment.

Routinely remove any foreign objects lodged in the tyre treads. Inspect the tyre wear indicators at least once a month, and replace the tyres once the tread has worn down to the indicator level.



If you notice any uneven wear or damage – such as cuts or bulges in the tread or sidewall – replace the tyre immediately.

Check the tyre pressure at least once a month to achieve the best mileage. The pressure difference between the tyres on the left and right sides should not exceed 5kpa (0.05 kgf/cm, 0.05 bar, 0.725 psi).

Promptly check the tyre pressure after any significant changes in environmental conditions.

Any tyre that has been in use for over six years must be replaced, regardless of visible damage.

⚠WARNING

Do not use excessively worn tyres; doing so is extremely dangerous, as tyre wear reduces braking performance, steering response, and traction.

Use only tyres and wheels of the same size and type as the original equipment. Failure to do so may compromise vehicle safety and performance, increasing the risk of accidents and injury.

▼Tyre Pressure Checking Procedure

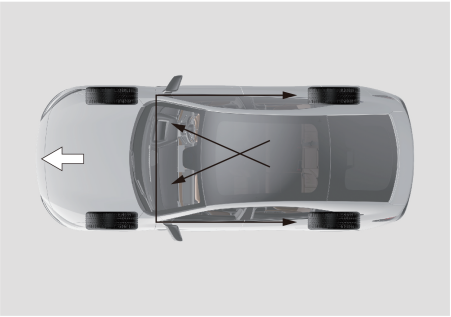
1. Remove the valve cap from the tyre valve stem.
2. Measure the tyre pressure with a tyre pressure gauge. If the tyre pressure when cold does not meet the recommended pressure, adjust it accordingly.
3. Check the tyre pressure, and if overinflated, press the valve core inside the tyre valve to release air.
4. After ensuring the pressure is correct, reinstall the valve cap onto the valve stem to prevent dust and moisture from entering and causing tyre leakage.

⚠WARNING

When towing a trailer, the tyre pressure must be adjusted to accommodate the additional load.

▼Tyre Rotation

For consistent tread wear and extended tyre life, it is recommended to rotate the tyres every 10,000 km (6214 mile) following the first scheduled service. Adhere to the rotation pattern depicted in the accompanying illustration. If any uneven wear is observed, rotate the tyres sooner.



After rotating the tyres, confirm that both front and rear tyre pressures and wheel nut torques conform to the specified values. Recalibrate the tyre pressure sensors afterwards to maintain proper function of the Tyre Pressure Monitoring System (-TPMS). Please consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

▼Tyre Replacement

The original tyres on this vehicle were chosen to maximise overall performance, delivering an optimal balance of handling, ride comfort, and durability. For more details, contact professional service personnel (we recommend an Authorised Mazda Repairer).

If you replace the tyres with radial tyres of different sizes, load capacities, speed ratings, or maximum cold tyre pressures, or if you mix radial tyres with biasply tyres, this may compromise braking performance, traction, and steering precision. It is recommended to replace all four tyres simultaneously. If that is not feasible or required, replace the two front or two rear tyres as a matched pair.

Replacing only one tyre significantly impacts the vehicle’s handling.

The ABS (Anti-lock Brake System) relies on comparing wheel speeds. Therefore, when fitting replacement tyres, you must select tyres that match the original size and construction, as these factors can influence wheel speed and may lead to system fault.

CAUTION

- Fitting unsuitable tyres can compromise the vehicle’s manoeuvrability and stability, potentially resulting in accidents.

▼Winter Tyre

It is recommended to use winter tyres on icy and snowy roads. Installing winter tyres can significantly improve vehicle handling stability on such surfaces. It is advisable to switch to winter tyres when the ambient temperature drops below 7°C. When using winter tyres, ensure they have the same model, structure, and load capacity as the original tyres. The permitted speed and tyre pressure must meet the requirements of the winter tyre dealer; otherwise, it may affect vehicle safety and handling performance, posing a risk of accidents and injury.

When the ambient temperature rises above 7°C, promptly switch to summer tyres or all-season tyres.

▼Wheel Replacement

If a wheel is bent, cracked, or severely corroded, the tyre may separate from the vehicle. Replace the wheel promptly.

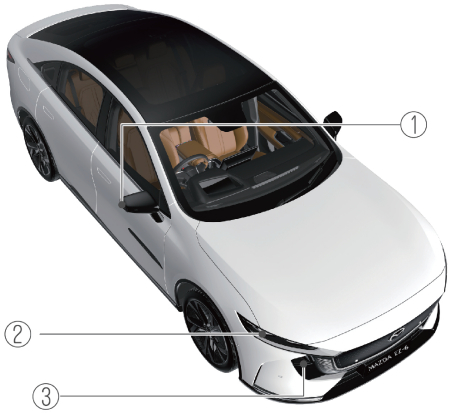
▼Aluminium Wheel Precautions

- Be sure to use the lug nuts specifically designed for these wheels.
- After installing or replacing the wheels, check and confirm that the lug nuts remain tight after driving 1,600 km (994 mile).

Light Bulbs

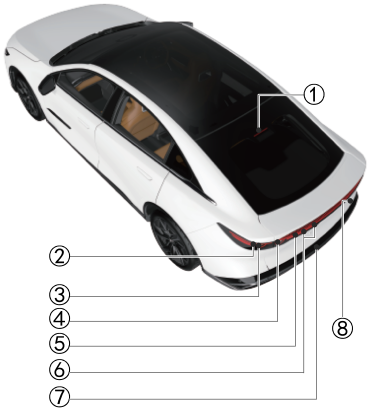
▼Light Bulbs

Front



1. Side direction indicator light
2. Daytime running light / Front position light / Front turn signals
3. Headlight (High beam / Low beam)

Rear



1. High-mounted brake light
2. Brake light / Rear position light
3. Rear turn signal lights
4. Reversing light
5. Rear position light
6. License plate lights
7. Rear fog light
8. Reflector

▼Replacing Light Bulbs

All the light bulbs are the 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.

Fuse Block

▼Fuses

Fuse distribution is shown on the fuse block upper cover.

Your vehicle's electrical system is protected by fuses.

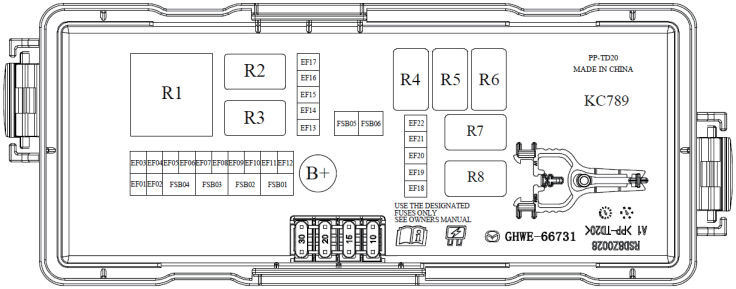
If any lights, accessories, or controls do not work, inspect the appropriate circuit protector. If a fuse has blown, the inside element will be melted.

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 Block in the Motor Compartment

Located on the left side in the powertrain compartment.

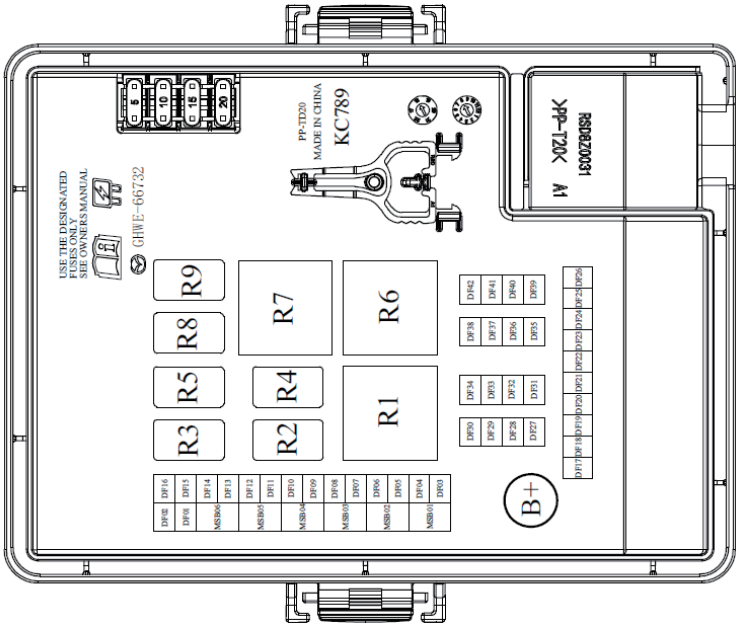




▼Fuse Block in the Cabin

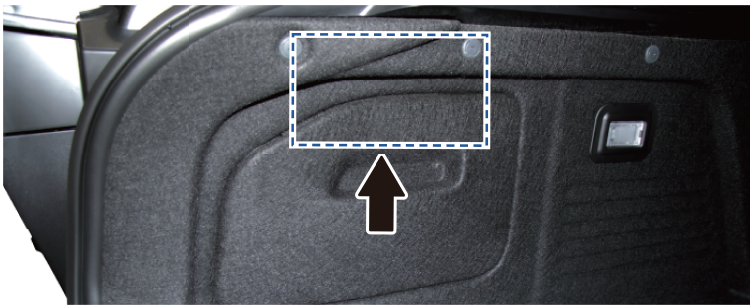
Located on the driver's side, under the dashboard crossmember.

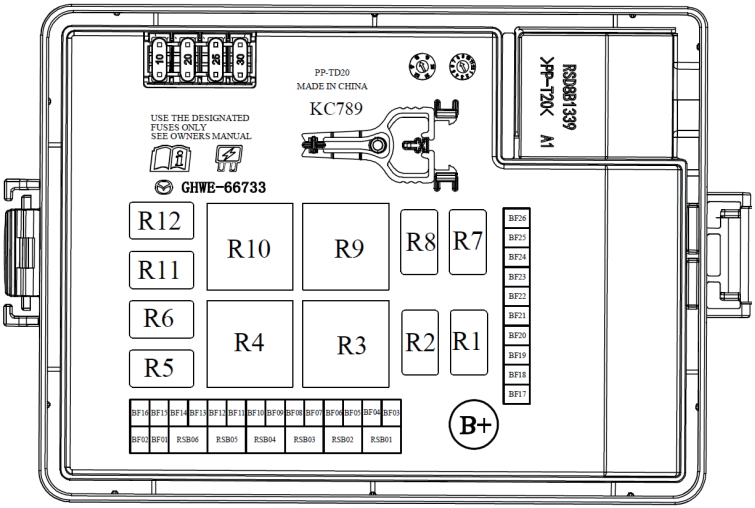




▼Fuse Block in the Luggage Compartment

Located in the Luggage compartment, above the battery.





CAUTION

Do not modify the vehicle's electrical system in any way. Electrical system repairs or replacements and high-current fuse replacements must be performed by an expert repairer (we recommend an Authorised Mazda Repairer).

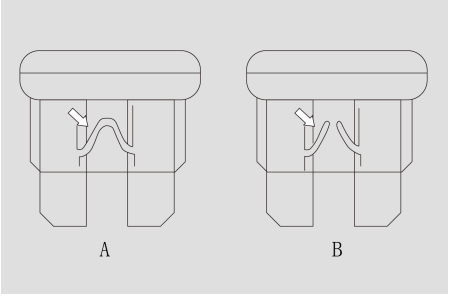
Before replacing a fuse, the entire vehicle must be powered down and all electrical equipment turned off.

The replacement fuse should be of the same specification as the original fuse, otherwise damage to the electrical system may occur.

If a newly replaced fuse blows immediately, turn off all electrical devices and consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect the vehicle.

▼Fuse Replacement

1. Open the fuse block upper cover.
2. The fuse puller is located inside the fuse box. Remove the corresponding fuse according to the fuse distribution diagram.
3. Determine if the fuse has blown by inspecting its integrity.
4. Inspect the fuse and replace it if it is blown.



A: Normal fuse

B: Blown fuse

5. Insert a new fuse of the same amperage rating, and ensure 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 accessory socket circuit.

⚠WARNING

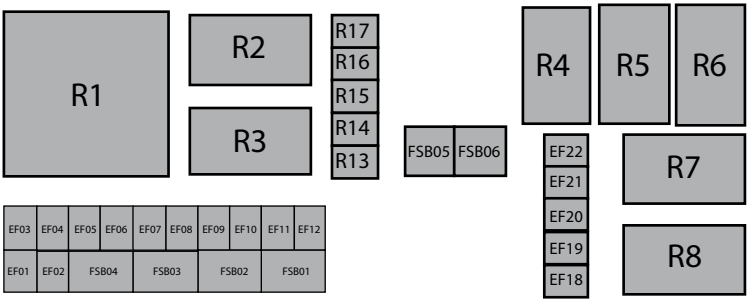
Do not replace the main fuse by yourself. Have an expert repairer (we recommend an Authorised Mazda Repairer) perform the replacement:

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 fire.

6. Reinstall the cover and make sure that it is securely installed.

▼Fuse Panel Description

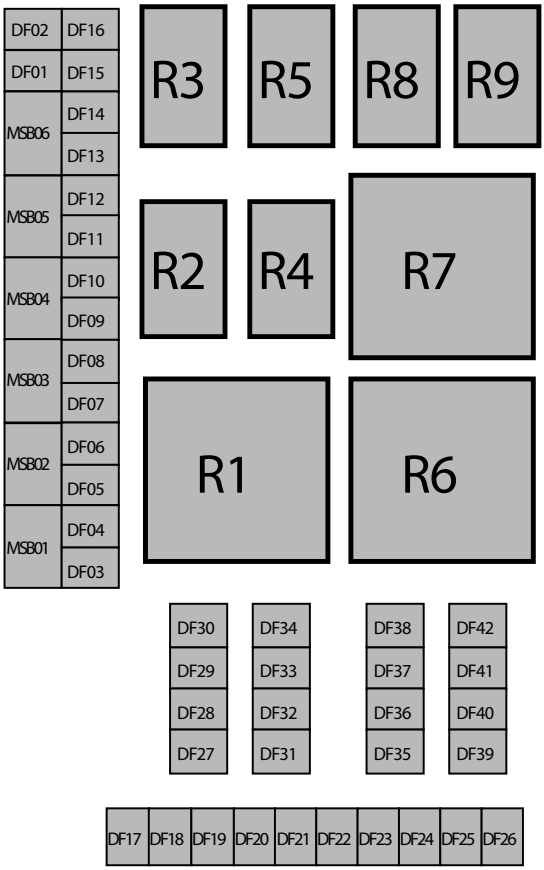
Fuse Block in the Motor Compartment



No.	FUSE RATING	PROTECTED COMPONENT
FSB01	60A	Integrated Brake Control Module 1
FSB02	—	—
FSB03	40A	Heat Pump
FSB04	—	—
FSB05	70A	Brushless Fan
FSB06	60A	Integrated Brake Module 2
EF01	—	—
EF02	—	—
EF03	—	—
EF04	—	—
EF05	—	—
EF06	—	—
EF07	10A	Battery Pack
EF08	—	—
EF09	—	—
EF10	15A	Horn Relay Power
EF11	25A	Wiper Relay Power

No.	FUSE RATING	PROTECTED COMPONENT
EF12	—	—
EF13	—	—
EF14	—	—
EF15	—	—
EF16	—	—
EF17	—	—
EF18	—	—
EF19	—	—
EF20	—	—
EF21	—	—
EF22	—	—
R1	—	—
R2	—	—
R3	30A	Front Washer Motor Relay
R4	—	—
R5	30A	Horn Relay
R6	—	—
R7	30A	Wiper High Speed Relay
R8	30A	Wiper Power Relay

Fuse Block in the Cabin

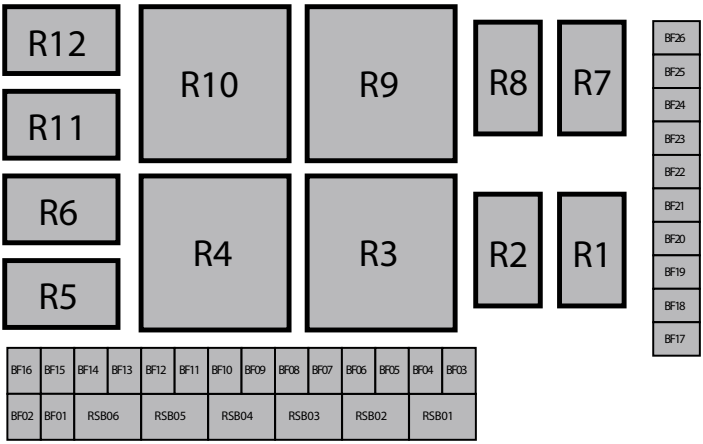


No.	FUSE RATING	PROTECTED COMPONENT
MSB01	30A	EPB Controller 1
MSB02	30A	EPB Controller 2
MSB03	40A	Blower
MSB04	40A	ON/ACC Position Relay Power
MSB05	30A	Seat Controller
MSB06	—	—

No.	FUSE RATING	PROTECTED COMPONENT
DF01	10A	Alcohol Interlock
DF02	—	—
DF03	15A	PCU Relay Power
DF04	—	—
DF05	10A	PCU
DF06	—	—
DF07	10A	Radar Sensors
DF08	10A	PM2.5 / Ion Generator
DF09	10A	Bluetooth® Controller / HUD
DF10	10A	Rain Sensor Ambient Light / Life Detection Radar
DF11	20A	Smart Cabin Domain Controller
DF12	10A	Instrument Cluster / Centre Display
DF13	10A	OBD Diagnostic Port
DF14	15A	Sunshade
DF15	10A	T-BOX
DF16	—	—
DF17	15A	Power Outlet
DF18	5A	Rear USB
DF19	10A	Wireless Charging
DF20	10A	CDC/BDC_ACC Feedback
DF21	—	—
DF22	—	—
DF23	—	—
DF24	—	—
DF25	—	—
DF26	—	—

No.	FUSE RATING	PROTECTED COMPONENT
DF27	10A	Ambient Light
DF28	10A	Driver's Seat Ventilation
DF29	10A	IG Feedback / Main Window Switch
DF30	10A	PCU
DF31	—	—
DF32	10A	Washer Relay Power
DF33	5A	Central Control Panel III
DF34	10A	mADC / Amplifier
DF35	10A	Alcohol Interlock
DF36	5A	SRS
DF37	10A	EPB/EPS/IBCU
DF38	10A	CDC / Interior Rear-view mirror / PM2.5 / T-BOX
DF39	—	—
DF40	—	—
DF41	—	—
DF42	—	—
R1	—	—
R2	30A	ACC Position Relay
R3	30A	PCU Relay
R4	30A	IG Relay
R5	—	—
R6	40A	Blower Relay
R7	—	—
R8	—	—
R9	—	—

Fuse Block in the Luggage Compartment



No.	FUSE RATING	PROTECTED COMPONENT
RSB01	30A	Rear Defroster 1
RSB02	30A	Rear Defroster 2
RSB03	30A	Liftgate Controller
RSB04	30A	BDC Power 3 (Window Left)
RSB05	30A	BDC Power 4 (Window Right)
RSB06	30A	Electric Tow Hook
BF01	10A	RF/Corner Radar
BF02	5A	Battery Sensor
BF03	30A	External Amplifier 1
BF04	—	—
BF05	10A	EVCC
BF06	20A	Electronic Oil Pump
BF07	10A	EDS2-1
BF08	10A	EDS2-2
BF09	10A	Liftgate Controller

No.	FUSE RATING	PROTECTED COMPONENT
BF10	20A	BDC Power 1
BF11	20A	BDC Power 2
BF12	25A	BDC Power 5
BF13	15A	BDC Power 6
BF14	20A	BDC Power 7
BF15	25A	BDC Power 8
BF16	10A	BDC Power 9
BF17	10A	Rear-view mirror Heating
BF18	—	—
BF19	—	—
BF20	—	—
BF21	—	—
BF22	—	—
BF23	—	—
BF24	—	—
BF25	—	—
BF26	—	—
R1	—	—
R2	—	—
R3	—	—
R4	—	—
R5	30A	Rear Defroster Relay 1
R6	30A	Rear Defroster Relay 2
R7	—	—
R8	—	—
R9	—	—

No.	FUSE RATING	PROTECTED COMPONENT
R10	—	—
R11	—	—
R12	—	—

Exterior 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 color 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 scrape off the sap after it has hardened, some vehicle paint could come off with it.

Prevention

It is necessary to wash and wax your Mazda vehicle 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 traveling 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 available chemical cleaner.

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.

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 traveling at 90 km/h (54 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.

▼Paint Maintenance

Washing

CAUTION

- Before lifting the windshield wiper blades off the windshield, always follow the procedure for moving the windshield wiper blades. Otherwise, a wiper blade, wiper arm, or the bonnet could be damaged.
  For steps on how to move the windscreen wiper blades to the service position, refer to the "- Replacing Windscreen Wiper Blades" section.
- When the vehicle is powered on and the wiper control lever is in the AUTO position, the windshield wipers may operate automatically in the following situations:
  - If the windscreen area above the rain sensor is touched or wiped with a cloth.
  - If the windscreen or rain sensor area inside the vehicle is struck.
- When the vehicle is in the ON position and the wiper control lever is in the AUTO position, do not touch the windshield or the windshield wipers. Otherwise, the windshield wipers will operate automatically, which could result in fingers being pinched or the windscreen wipers being damaged.
  When deicing, de-snowing, or cleaning the windscreen, always ensure that the wiper control lever is in the OFF position.
- Do not spray water directly into motor compartment. Otherwise, it could lead to an electrical shock resulting in an accident.
- When washing and waxing the vehicle, be careful not to apply excessive force to any single area of the vehicle roof. Doing so could dent the vehicle.
- Make sure that the charge lid is closed and the doors are locked. Otherwise, the charge lid may be forcefully opened by water pressure causing damage to the vehicle or the charge lid.

To 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 of the paint surface may 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.

CAUTION

➢ Do not use steel wool, abrasive cleaners, or strong detergents containing highly alkaline or caustic agents on chrome-plated or anodized aluminum parts. This may damage the protective coating; also, cleaners and detergents may discolor or deteriorate the paint.

Pay special attention to removing salt, dirt, mud, and other foreign material from the underside of the fenders, and ensure 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.

WARNING

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 rear-view mirror.
- The automatic car wash brushes could reduce the paint luster or hasten paint deterioration.

When using a high-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 (1 ft.) 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.

1. 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 colors.
3. When waxing, coat evenly with the sponge supplied or a soft cloth.
4. Wipe off the wax with a soft cloth.

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.

▼Repairing Paint Damage

Before rust begins to form, use Mazda touch-up paint to repair damage to the paint caused by rock chips, parking lot scratches, etc. First, remove 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 the primer dries, apply appropriate top coat paint to the area.

Of course, there will be no problem if you assign the work to a professional repair shop. We recommend an Authorised Mazda Repairer.

▼Underbody Protection

The vehicle's underbody has been treated at the factory, but additional protection after the vehicle is put into use will extend the life of the body.

For additional precautions, consult a professional repair shop. We recommend an Authorised Mazda Repairer.

▼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 luster.
- During cold weather or in coastal areas, cover brightmetal parts with a heavier coating of wax or preservative than usual. It may also be helpful to coat the parts with noncorrosive petroleum jelly or some other protective compound.

⚠CAUTION

Do not use steel wool, abrasive cleaners, or strong detergents containing highly alkaline or caustic agents on chrome-plated or anodized aluminum 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 underneath the vehicle to protect it from chemical or stone damage. This coating is susceptible to damage over time. Check this coating periodically.

If repairs are needed, consult a professional repair shop. We recommend an Authorised Mazda Repairer. They are well informed on how to perform repairs.

▼Aluminum Wheel Maintenance*

A protective coating is applied to the surface of the aluminium wheels. Special care is needed to protect this coating.

CAUTION

Do not use any detergent other than mild detergent. Before using any detergent, verify the ingredients. Otherwise, the product could discolour or stain the aluminum wheels.

Note

- Do not use a wire brush or any abrasive cleaner, polishing compound, or solvent on aluminum 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 aluminum wheels lose luster, apply wax which contains no polishing powder.

▼Plastic Part Maintenance

- When cleaning the plastic lenses of the lights, do not use gasoline, kerosene, 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 of functionality. If plastic parts accidentally come into contact with 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 gasoline, oil, coolant, or 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.

* Some models

- 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.

Interior Care

▼Interior Care

⚠WARNING

Do not spray water in the cabin:
Spraying water in the cabin is dangerous as electrical devices such as the audio and switches could get wet causing a malfunction or vehicle fire.

Note

- Do not wipe the interior using alcohol, chlorine bleach, or organic solvents such as thinner, benzene, and gasoline. 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

1. Clean the dirty area by lightly dabbing it with a soft cloth soaked in a mild detergent (-approx 5%) diluted with water.
2. 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 ensure there is no remaining moisture.

⚠WARNING

If a seat belt is worn or frayed, have it replaced by a professional 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.

▼Plastic Part Maintenance

1. Use a vacuum cleaner to remove dust and sand.
2. 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.

▼Trim Maintenance

1. Clean the dirty area by lightly dabbing it with a soft cloth soaked in a mild detergent (-approx. 5%) diluted with water.
2. Remove any remaining cleaning solution by wiping with a cloth dampened with clean water and thoroughly wrung out.

▼Leather Upholstery Maintenance*

1. Use a vacuum cleaner to remove dust and sand.
2. Wipe off the soiled area with a soft cloth and a suitable, special cleaner or a soft cloth soaked in a mild detergent (approx. 5%) diluted with water.

* Some models

3. 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.

▼Plastic Part Maintenance

⚠CAUTION

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.

1. Wipe the soiled area with a soft cloth soaked in a mild detergent (approx. 5%) diluted with water.
2. Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.

▼AR-HUD Driving Display Maintenance

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 AR-HUD 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.

▼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:

1. Wipe the soiled area with a soft cloth soaked in a mild detergent (approx. 5%) 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.

⚠CAUTION

- Do not scrape or scratch the inside of the window glass. It could damage the thermal filaments and the antenna lines.
- When washing the inside of the window glass, use a soft cloth dampened in lukewarm water, gently wiping the thermal filaments and the antenna lines. Use of glass cleaning products could damage the thermal filaments and the antenna lines.

Disposal of Discarded Parts

▼Disposal of Discarded Parts

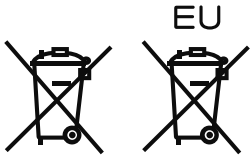
Proper disposal of discarded parts is required. Dispose of discarded parts in accordance with local regulations.

- Burning tyres produces toxic gases. Do not burn old tyres as a method of disposal. Consult an expert repairer (we recommend an Authorised Mazda Repairer).
- The 12 V lead-acid battery contains lead and sulphuric acid. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for your new 12 V lead-acid battery purchase for proper disposal of the old 12 V battery.
- If oil (such as oil, coolant, etc.) leaks into the ground or rivers, it can harm the environment. Consult an expert repairer (we recommend an Authorised Mazda Repairer) for your new oil purchase for proper disposal of used oil. Additionally, consult an expert repairer (we recommend an Authorised Mazda Repairer) for coolant replacement.
- The refrigerant used in the fully automatic climate control system is a substitute freon gas that does not deplete the ozone layer. However, substitute freon gas still contributes to global warming. Consult an expert repairer (we recommend an Authorised Mazda Repairer) to inspect and repair the fully automatic climate control system to prevent refrigerant from being released into the atmosphere.
- If you are unsure how to dispose of other discarded parts, consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼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.

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.

7 If Trouble Arises

Helpful information on what to do if a problem arises with the vehicle.

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Parking in an Emergency 7-2

Flat Tyre 7-3

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When Liftgate Cannot be Opened 7-24

Parking in an Emergency

▼Parking in an Emergency

Always switch on the hazard warning lights when stopping on or near a carriageway in an emergency. They alert other road users that your vehicle poses a hazard, prompting them to exercise heightened caution in its vicinity.

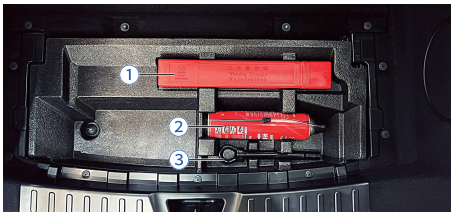
The hazard warning indicator lights in the instrument cluster will flash in unison.

Note

- The direction indicators (turn signals) are disabled while the hazard warning lights are operating.
- Consult local regulations regarding the use of hazard warning lights while the vehicle is being towed to ensure legal compliance.

Tool Storage

▼Tool Storage



1. Warning triangle
2. Emergency tyre repair kit
3. Towing eye

On-board tools are typically stored in the toolbox located behind the boot carpet. Simply lift the carpet to access the tools. In some models, the tools may be placed directly on the carpet. Refer to your vehicle's handbook for further details.

Emergency Flat Tyre Repair

▼Emergency Flat Tyre Repair

The Mazda-supplied tyre sealant is designed for the temporary repair of tyres that have been slightly damaged by nails or similar sharp objects.

Conduct emergency tyre repairs without removing the nail or other sharp object that punctured the tyre.

⚠WARNING

Keep Tyre Sealant Out of the Reach of Children:

- Ingesting tyre sealant is hazardous. If swallowed accidentally, drink plenty of water immediately and seek medical attention.
- Contact with tyre sealant is harmful to the eyes and skin. If it enters your eyes or touches your skin, rinse thoroughly with plenty of water and seek medical attention.

Note

- Tyre sealant cannot be reused. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).
- Do not use the tyre sealant under the following conditions. Please consult an expert repairer (we recommend an Authorised Mazda Repairer).

- The tyre sealant has expired. (The expiry date is shown on the bottle label.)
- The tear or puncture exceeds approximately 6 mm (0.2 in) in size.
- The damage is situated outside the tyre's tread area.
- The vehicle was operated with a tyre that was nearly flat.
- The tyre has detached from the wheel rim.
- The wheel rim is damaged.
- There are two or more punctures in the tyre.

▼About the Emergency Flat Tyre Repair Kit

Parking Preparations

If a tyre is punctured by a nail or foreign object, and the puncture hole is 6 mm (0.2 in) or less in diameter, drive slowly to a safe location for emergency tyre repair. Pay attention to the following points:

1. Turn on the hazard warning lights.
2. Drive slowly away from the road and traffic.
3. Engage the electronic parking brake.
4. Shift the gear to the "P" position.
5. Switch off the vehicle's power.
6. Place a triangular warning sign at the required distance behind the vehicle.
7. Keep yourself safe by wearing reflective vests.

Tool Preparations

Remove the tyre repair kit and triangular warning sign from the luggage compartment.

▼Using the Emergency Flat Tyre Repair Kit

⚠CAUTION

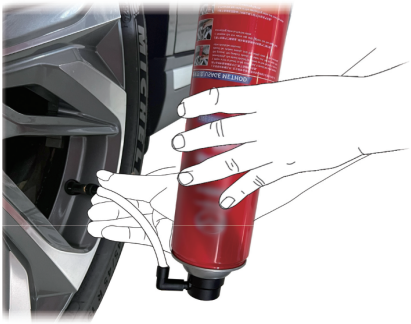
If the bottle is shaken once the injection hose has been attached, the tyre sealant may spray out. If it contacts clothing or other objects, it may be impossible to be removed. Ensure the bottle is thoroughly shaken before attaching the injection hose.

If there is residual air in the tyre when removing the valve core, it could be ejected with force. Remove the valve core carefully.

1. Thoroughly shake the tyre sealant before use, then remove the safety cap from the tyre sealant container;



2. Align the tyre repair tool's connector with the tyre valve stem, then secure it firmly;



3. Press the switch, and once the sealant is fully injected, remove the tyre repair tool;



4. Drive the vehicle immediately for a short distance to allow the sealant to distribute and complete the repair. For optimal results, drive over 10 km (6 mile).

Note

If you have used tyre sealant for an emergency repair, Mazda recommends replacing the tyre as soon as practicable. If you plan to repair or reuse the tyre, consult an expert repairer (we recommend an Authorised Mazda Repairer).

⚠WARNING

Emergency tyre repair is intended solely as a temporary measure in urgent situations. After completing an emergency repair, do not exceed 80 km/h (50 mph).

Flat Tyre

CAUTION

When using tyre sealant, air is also introduced into the tyre. If the tyre pressure remains too low after driving a certain distance, this indicates that the sealant cannot fully seal the leak. Pull over safely and contact an expert repairer (we recommend an Authorised Mazda Repairer).

Jump-Starting

▼Jump-Starting

Jump-starting can be hazardous if performed incorrectly. Follow the procedure meticulously. If you are unsure about any aspect of jump-starting, we strongly advise you to have it carried out by a qualified service technician.

⚠WARNING



Observe the following safety precautions carefully:



Always wear protective goggles when working near the battery.
Failure to wear protective goggles is extremely hazardous. The battery contains sulphuric acid, which can cause blindness if it contacts your eyes. In addition, hydrogen gas generated during normal battery operation can ignite, causing the battery to explode.



Always wear protective goggles and gloves to avoid contact with battery acid:
Spilt battery acid is extremely hazardous. It contains sulphuric acid, which can cause severe injury if it contacts your eyes, skin, or clothing. If this happens, immediately rinse your eyes with water for at least 15 minutes or thoroughly wash your skin and seek medical attention.

Depleted lead-acid battery



Keep the battery out of the reach of children.
Allowing children to play near the battery is extremely hazardous. Battery acid can cause serious harm if it contacts their eyes or skin.



When working near the battery, ensure there are no open flames or sparks in the vicinity. Do not allow metal tools to contact the battery's positive (+) or negative (−) terminals. And never allow the positive (+) terminal to touch the vehicle body:
Exposing the battery pack to open flames or sparks is extremely hazardous. Hydrogen gas generated during normal battery operation can ignite, causing the battery to explode. An exploding battery can cause severe burns and injuries. Keep all flames (including cigarettes) and sparks away from the battery pack.



Keep all flames and sparks away from the battery pack, as it may produce hydrogen gas while charging or when adding acid to a lead-acid battery.
Exposing the battery pack to open flames or sparks is extremely hazardous. Hydrogen gas generated during normal battery operation can ignite, causing the battery to explode. An exploding battery can cause severe burns and injuries. Keep all flames (including cigarettes) and sparks away from the battery pack.

Never jump-start a frozen battery or one with low acid levels.
Jump-starting a frozen battery or one with low acid levels is extremely hazardous. The battery may rupture or explode, causing severe injury.

Connect the negative cable to a suitable earth point away from the battery.
Connecting the second jump lead to the negative (-) terminal of the depleted battery is extremely hazardous. Sparks could ignite the gases around the battery, causing injury.

Keep the jump leads away from any moving parts.
Connecting a jumper lead near or to a moving part is dangerous. The lead could get caught when the EV system starts and cause serious injury.

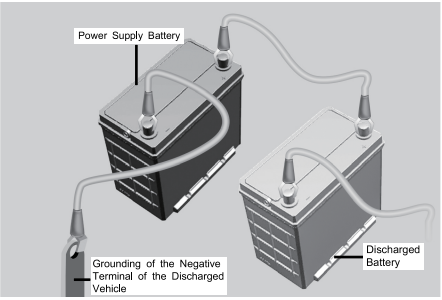
⚠CAUTION

Use only a 12V booster battery. If a 24V supply (two 12V batteries connected in series) is used, it may cause irreparable damage to the electrical components.

- Connect the bridging cables carefully.
- Do not jump-start the vehicle while the charging cable is still connected to your vehicle. Otherwise, the vehicle may be damaged.
- Do not use your vehicle as the donor (booster) vehicle to avoid damage.

1. Position the donor 12V battery close to the vehicle. If you are using another vehicle's 12V battery, park the donor vehicle near the boot of the depleted vehicle without allowing them to touch, and ensure the parking brakes are applied on both vehicles.
2. Before connecting the 12V battery cables, inspect all 12V battery terminals and remove any excessive corrosion.
3. Switch off all accessories except for essential safety indicators (e.g. headlights, hazard warning lights).
4. The first cable is connected to the positive (+) terminal of the power 12V battery and the positive (+) terminal of the discharged 12V battery. Attach the second lead to the negative (-) terminal of the power 12V battery and a suitable earth point on the discharged vehicle, away from the battery's positive (+) terminal.

Depleted lead-acid battery



5. If you are using a rescue vehicle, start its engine or high-voltage battery.
6. Start the vehicle with the discharged battery.
7. Remove the jump leads in the reverse order of connection. Ensure the leads do not contact any metal parts of either vehicle during removal.

Note

During jump-starting, keep your hands and jump leads away from the surrounding moving parts.

If the 12V battery frequently becomes discharged and the cause is not evident, please consult an expert repairer (we recommend an Authorised Mazda Repairer) to have it inspected and repaired.

Towing Description

▼Towing Description

If towing is necessary, we recommend that you contact an Authorised service centre or a professional towing service company.

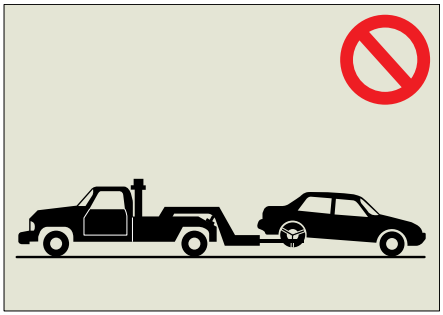
It is advisable to use wheel-lift equipment and flatbed/platform equipment. If a flatbed truck is not available, a rigid towing connection must be used; do not use a rope-type towing vehicle. When using a rigid connection for towing, it must be done at low speeds and for short distances only. Ensure that the parking system is in the released state.

Rear-wheel-drive vehicles should not be towed with the rear wheels on the ground for long distances.

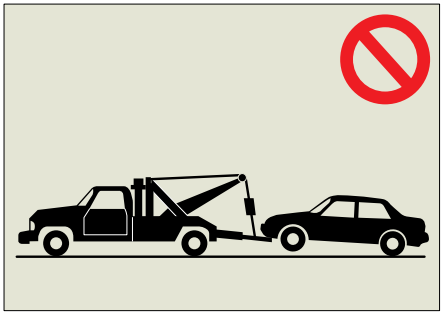
The following towing methods are prohibited for long-distance towing.

CAUTION

Do not tow the vehicle pointed backward with driving wheels on the ground. This may cause internal damage to the vehicle.

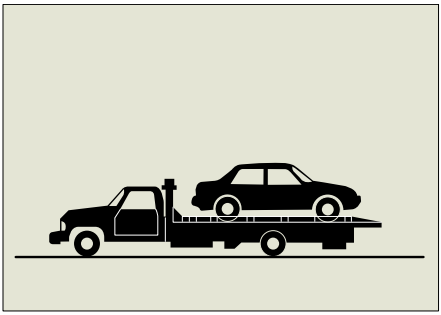


Do not tow with sling-type equipment. This could damage your vehicle. Use wheel-lift or flatbed equipment.



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 may be damaged.

Emergency Towing



Long-distance towing should only be performed using a flatbed truck.

▼Trailer Mode

In the centre display, tap "Vehicle Centre → Vehicle Settings→ Trailer Mode" to enable or disable trailer mode.

Trailer Mode can only be activated when the following conditions are met:

- The vehicle is powered on;
- The gear is in the P position;
- The brake pedal is repressed.

Once the conditions for enabling Trailer Mode are met, tap the "- Trailer Mode" icon, and a confirmation dialog box will appear as shown below:



After tapping the confirmation icon in the dialog box, the vehicle will enter trailer mode.

Note

When trailer mode is enabled, the gear will shift from P to N, and the electronic parking brake will be released. To prevent the vehicle from rolling, only enable trailer mode on flat surfaces without steep slopes.

Towing Precautions

Do not tow the vehicle with the rear axle raised, as this may cause the steering system to misalign.

If the vehicle power is off, the power assist systems will not operate, and greater effort will be required for braking and steering.

Use tow hooks, vehicle body, and chassis components as the load points to tow the vehicle, otherwise damage may occur.

Do not tow the vehicle with the front wheels on the ground; this may cause damage to the vehicle.

Avoid sudden starts or unstable driving, as this may put excessive stress on the tow hooks, tow cable, or chains, leading to their failure, which could result in vehicle damage or personal injury.

If the vehicle cannot be moved due to a malfunction, do not continue towing it forcibly.

When towing the vehicle, proceed as straight as possible.

Note

Towing from parts of the vehicle other than the towing hooks may damage your vehicle. Securely fasten the tow cable or chain to the tow hooks.

When towing the vehicle, apply a steady and even force without jerking the hooks.

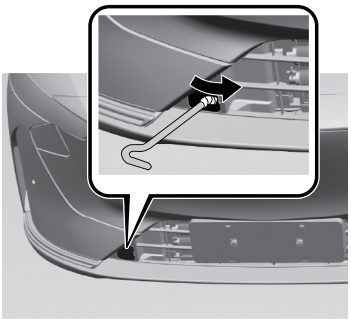
Towing Point

▼Front Towing Point

CAUTION

- In emergency situations (for example, pulling the vehicle out of a ditch or a snowbank), use the tow hook.
- When using the tow hook, always pull the cable or chain in a straight line with the hook. Do not apply lateral force.

1. Remove the tow hook from the boot.
2. Using a flat-blade screwdriver or a similar tool, remove the tow hook hole cover.



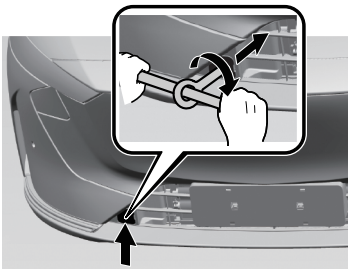
CAUTION

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 tow hook using a metal rod or a similar tool.



CAUTION

- If the towing hook is not properly tightened, it may loosen or detach from the bumper while towing. Always ensure it is securely fastened to the bumper.
- Take care not to damage the towing hook and the vehicle body when towing under the following circumstances.
  - Do not tow a vehicle that is heavier than your own.
  - Do not suddenly accelerate this vehicle, as it will cause a severe impact on the tow hook or towing line.
  - Do not attach any other ropes to the tow hook.

▼Rear Towing Point

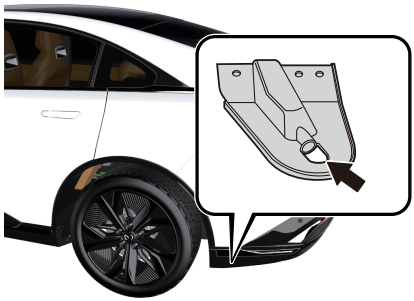
CAUTION

- In emergency situations (for example, pulling the vehicle out

of a ditch or a snowbank), use the tow hook.

- When using the tow hook, always pull the tow rope, cable, or chain in a straight line with the hook. Do not apply lateral force.

1. The rear tow hook is fixed to the vehicle body, so no installation is required.
2. Secure the tow rope to the rear tow hook for towing.



CAUTION

- Using the rear tow hook may result in damage to the rear bumper.
- Do not perform the following operations during towing; otherwise, the vehicle may be damaged.
  - Do not tow a vehicle that is heavier than your own.
  - Do not suddenly accelerate this vehicle, as it will cause a severe impact on the rear tow hook or towing line.
  - Do not attach any other ropes to the rear tow hook.

Other Precautions

▼Other Precautions

Precautions for Towing a Vehicle with All Wheels on the Ground:

- Only perform short-distance, low-speed towing on hardsurfaced roads. Ensure the vehicle has been safely inspected to confirm the powertrain, high-voltage system, wheels, axles, transmission system, steering wheel, and brakes are in good condition.
- The towing vehicle must not be lighter than the towed vehicle, as this could result in loss of control.
- Check and ensure that the towing cables, chains, and hooks are not broken or damaged.
- Secure the towing cables or chains to the hooks.
- Do not jerk the hooks; apply steady and even force.
- Before towing, confirm that the towed vehicle is in Neutral (N) and is in a drivable condition, and turn on the hazard warning lights.
- To avoid damage to the tow hooks, only tow the vehicle from the front, and ensure the speed does not exceed 40 km/h (25 mph) and the towing distance does not exceed 25 km (16 mile).
- The towing strap should be less than 5 meters (16 ft) in length and should be fitted with visible flags for identification.
- Drive cautiously to prevent the towing strap from slackening during the tow.
- Both drivers should communicate frequently with each other.
- If driving downhill for an extended period, the brakes may overheat, reducing braking performance. Stop frequently to allow the brakes to cool.
- If the brakes have failed, the vehicle must be towed using a flatbed truck for full vehicle transport.

If a Warning Lamp Turns On or Flashes

▼If a Warning Lamp Turns On or Flashes

If any warning lamp 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 center display or multi-information display in the instrument cluster.

▼ABS Warning Indication/Warning Light



If the ABS warning lamp remains illuminated while you are driving, the ABS control unit has detected a system fault.

If this occurs, your brakes will function normally as though the vehicle were not equipped with ABS. In this event, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

Note

- The brake assist system will not function while the ABS warning lamp remains illuminated.

▼EV System Problem Warning Indication/Warning Light



The indication/light displays/turns on if the system has a problem.

Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

▼Remaining High Voltage Battery Power Warning Lamp



The indication displays when the remaining high voltage battery power is low.

Check the information displayed on the centre display or instrument cluster and take the necessary actions.

▼Output Restriction Warning Indication/Warning Light



The warning lamp or indicator illuminates to indicate that the motor output is restricted.

Please contact a professional repairer, we recommend an Authorised Mazda technician.

If the warning lamp or indicator remains illuminated, have the vehicle inspected as soon as possible.

WARNING

When the output restriction warning lamp or indicator illuminates or flashes, ensure the surrounding area is safe:
Motor output and vehicle speed may be reduced, potentially leading to an accident. If the vehicle cannot be driven safely, stop in a safe location.

▼Brake System Warning Indicator/ Signal Light



If a system fault occurs, the warning signal light will illuminate. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

WARNING

Do not drive with the brake system warning light illuminated. Contact an expert repairer (we recommend an Authorised Mazda Repairer) to have the brakes inspected as soon as possible:
Driving with the brake system warning lamp 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.

▼Air Bag/Seat Belt Pretensioner System Warning Lamp



A system fault is indicated if the warning light constantly flashes, constantly turns on or does not turn on at all when the power switch is switched ON. If any of these conditions occurs, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible. The system may not operate in an accident.

⚠WARNING

Never tamper with the airbag/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 airbag/pretensioner could accidentally activate or become disabled causing serious injury or death.

▼Tyre Pressure Monitoring System (TPMS) Warning Indication/Warning Lamp (Flashing)



If the Tyre Pressure Monitoring System (TPMS) malfunctions or the battery voltage of a tyre pressure sensor is low, the TPMS warning lamp will flash and a message will appear on the multiinformation display. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

⚠WARNING

Never ignore the TPMS warning lamp when illuminated or flashing, and avoid driving at high speeds under such circumstances.
Driving at high speeds while the TPMS warning lamp is illuminated or flashing is dangerous because braking performance and steering control may be compromised. If the vehicle is driven at high speeds or the brakes are suddenly applied, it could lead to an accident. Slowly apply the brakes to reduce the vehicle's speed.

▼Tyre Pressure Monitoring System (TPMS) Warning Indication/ Warning Light (Turns on)



If the tyre pressure falls below the recommended value, the TPMS warning lamp will illuminate.

Simultaneously, a message and the pressure for each tyre will alternate on the multi-information display. Furthermore, the tyre(s) with low pressure will be highlighted in yellow.

⚠WARNING

Avoid driving at high speeds if the TPMS warning lamp illuminates or flashes:
Driving at high speeds while the TPMS warning lamp is illuminated or flashing is dangerous because braking performance and steering control may be compromised. If the vehicle is driven at high speeds or the brakes are suddenly applied, it could lead to an accident. Slowly apply the brakes to reduce the vehicle's speed.

Never ignore the TPMS warning lamp when illuminated or flashing:
Continuing to drive while the TPMS light is on or flashing could lead to a tyre blowout and result in an accident. Take immediate action to address the issue.

Note

- When the TPMS is learning the tyre positions (e.g., after a tyre position has been changed), the previous tyre pressures will be displayed until the system has completed the update. As a result, the displayed tyre pressures may differ from the actual pressures until the learning process is completed.

⚠CAUTION

➢ Always adjust tyre pressures when the tyres are cool. As tyre pressure fluctuates with temperature, ensure the vehicle has been stationary for at least an hour or driven no more than 1.6 km (1 mile) before adjusting the pressures. Adjusting tyre pressures while the tyres are warm may result in the pressure dropping below the recommended level once they cool, potentially triggering the TPMS warning light. Additionally, tyre pressure naturally decreases in cold temperatures, and an illuminated TPMS warning lamp may extinguish if the temperature rises. Always ensure tyre pressures are

adjusted when the tyres are cool, regardless of the circumstances.

- Once the tyre pressures are correctly adjusted, the TPMS warning lamp will switch off. If the warning lamp remains illuminated, drive the vehicle at 25 km/h (16 mile) or faster for at least 3 minutes to reset the system.

If the TPMS warning lamp stays on after adjusting the pressures, one or more tyres may be punctured.

▼Electric Parking Brake (EPB) Indication/Indicator Light



This warning has the following functions:

Parking brake warning/Indicator light inspection

This indicator light illuminates when the parking brake is applied while the vehicle is stationary. It turns off when the parking brake is released.

Illuminated

If the Electric Parking Brake (EPB) switch is off but the light remains on, the system may be malfunctioning. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

When the light is flashing

If there is a system fault, this light will flash. 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.

▼Power Steering Malfunction Indication/Indicator Light



The electric power steering malfunction indicator light illuminates if there is a fault in the electric power steering system.

If the electric power steering malfunction indicator light illuminates, stop the vehicle in a safe location and turn off the power. If the electric power steering malfunction indicator light turns off after restarting the EV system, there is no issue. If the electric power steering malfunction indicator light remains on after restarting the EV system, contact a qualified technician (we recommend an Authorised Mazda Repairer).

Note

- If the indicator light is on, the power steering will not function properly. The steering wheel will still be operable, but it may feel heavier than usual, or it may vibrate during turns.

- Jerking the steering wheel back and forth while the vehicle is stationary or moving very slowly will activate the power steering system's protective mode, making the steering feel heavy. This is not a fault. If this happens, park the vehicle safely and wait a few minutes for the system to reset.

▼Seat Belt Warning Indication/Warning Light (Front seat)



If the driver's or front passenger's seat is occupied and the seatbelt is not fastened when the vehicle is started, the seatbelt warning light will illuminate. If the driver's or front passenger's seatbelt is unfastened (with the front passenger seat occupied) and the vehicle speed reaches approximately 10 km/h (6 mph) or above, the warning light will flash temporarily. After a brief period, the warning light will stop flashing but will remain illuminated.

Note

- If heavy objects are placed on the front passenger seat, the seat belt warning system may be activated depending on the weight of the items.
- To ensure proper operation of the occupant detection sensor, do not sit on the front passenger seat with seat cushions or other items on the seat. Additional cushions may interfere with the sensor, preventing it from working correctly.
- The warning light may not operate if a small child is seated in the front passenger seat.

▼Seat Belt Warning Lamp (Rear Seat)



If there are passengers in the rear seats and the seat belts are not fastened when the vehicle is powered on, the warning light will illuminate.

Note

If the rear seat belts are not fastened within a certain period after the vehicle is started, the warning lamp will turn off.

▼High Beam Control Headlights (HBC) Warning Indication/Warning Light



The warning light will remain illuminated if a fault is detected in the system. Have your vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

▼DSC Indication/Indicator Light (Turns on)



If the light remains illuminated, 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).

▼Door-Ajar Warning Indication/ Warning Light



The light illuminates if any door/ liftgate is not closed securely.

Action to be taken

Close the door/liftgate securely.

▼Generator Charging Warning Indication/Warning Light



If there is a system fault, this light will turn on/ flash. Park the vehicle in a safe place immediately and contact an expert repairer (we recommend an Authorised Mazda Repairer).

WARNING

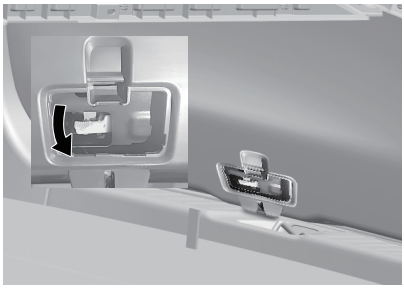
Do not drive the vehicle with the generator charging warning light illuminated:

Otherwise, the powertrain may stop, which could result in an accident.

When Liftgate Cannot be Opened

▼When Liftgate Cannot be Opened

When the liftgate locked. If the release switch fails, fold the rear seat back and enter the luggage compartment. Find the cover plate in the position shown on the interior trim plate of the liftgate and remove it. The operating handle of the liftgate lock body behind the cover hole is pushed to the limit in the direction indicated by the arrow, and then push the liftgate upward at the same time to open it. (In case of sudden power failure during the process of electric lock suction, you need to flip the green lock rod to the left and then press the white lock rod down to unlock the liftgate.)



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 Warning 8-4

Event Data Recorder System 8-5

Event Data Recorder (EDR) 8-5

Declaration of Conformity 8-6

Declaration of Conformity 8-6

Electromagnetic Compatibility 8-45

Registering Your Vehicle in A Foreign Country

▼Registering Your Vehicle in A Foreign Country

Registering your vehicle in a foreign country can be challenging, particularly if it does not comply with the emission and safety standards required by the destination country. As a result, your vehicle may need to be modified at your own expense to meet the local regulations.

Furthermore, you should be aware of the following considerations:

Finding satisfactory vehicle servicing in another country may prove difficult or even impossible.

Parts, servicing techniques, and tools required for the maintenance and repair of your vehicle may not be readily available.

There may not be an authorised Mazda repairer or expert service provider in the country you plan to visit.

The Mazda warranty is only valid in select countries.

Add-On Non-Genuine Parts and Accessories

▼Add-On Non-Genuine Parts and Accessories

Please note that any technical modifications from your Mazda vehicle's original condition can compromise its safety. These modifications include not only the use of unsuitable spare parts but also accessories, fittings or attachments, including wheels and tyres.

Genuine Mazda Parts and Genuine Mazda Accessories are specifically developed for Mazda vehicles. Parts and accessories other than those specified above have not been evaluated or approved by Mazda, unless explicitly stated otherwise. We cannot confirm their suitability, and Mazda cannot accept liability for any damage resulting from the use of such products.

⚠WARNING

Exercise utmost caution when choosing and fitting additional electrical accessories (e.g. mobile phones, two-way radios, audio systems, and vehicle alarm systems):
Selecting unsuitable accessories or employing improper installation, including the use of an unqualified installer, is highly dangerous. It may damage critical systems, potentially resulting in electric drive system failure, unintended SRS airbag deployment, ABS/TCS/DSC malfunctions, or even a vehicle fire. Mazda accepts no liability for any fatalities, injuries, or costs arising from the installation of non-Mazda parts or accessories.

Cell Phones Warning

▼Cell Phones Warning

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.

Event Data Recorder (EDR)

▼Event Data Recorder (EDR)

This vehicle is equipped with an Event Data Recorder, referred to as EDR.

The EDR controller is located within the airbag control unit.

To read the data recorded by the EDR, physical access to the vehicle or the EDR controller is required.

Our company will not disclose data recorded by the EDR to third parties, except in the following situations:

- With the consent of the vehicle owner or lessee;
- Upon official request from the police department, courts, or government agencies;
- For use by our company in legal proceedings.

If necessary, data recorded by the EDR will be used for:

- Vehicle safety performance research and development;
- Disclosing data to third parties for research and development purposes without revealing information about the vehicle owner or their vehicle.

There are the following methods available for reading EDR data:

When Authorised to use the vehicle or EDR, professional service personnel (we recommend an Authorised Mazda Repairer) use a dedicated diagnostic device or a third party with professional equipment (such as law enforcement) to connect to the standard vehicle on-board diagnostic system (OBD) for reading. In this case, data is provided through standardized data retrieval records; if access through OBD is not possible, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Declaration of Conformity

Declaration of Conformity

▼Vehicle Definition

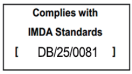
The "e" in the model designation indicates that the vehicle has an electrified powertrain.

▼RF Identification

Thailand:



Singapore:



Malaysia:



▼Bluetooth® Key

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission

แบบหนังสือ "แบบรับรองตนเองของผู้ประกอบการ (Supplier's Declaration of Conformity : SDoC)"
เลขที่ (SDoC No.) : SD01347-26 ลงวันที่ 24 กุมภาพันธ์ 2569

สำนักงาน กสทช. ได้รับแบบรับรองตนเองของผู้ประกอบการ (SDoC)
ของ บริษัท มาสด้า เซลส์ (ประเทศไทย) จำกัด
ซึ่งได้ ทำการยื่นขอรับรองตนเองเครื่องโทรคมนาคมและอุปกรณ์ ดังนี้

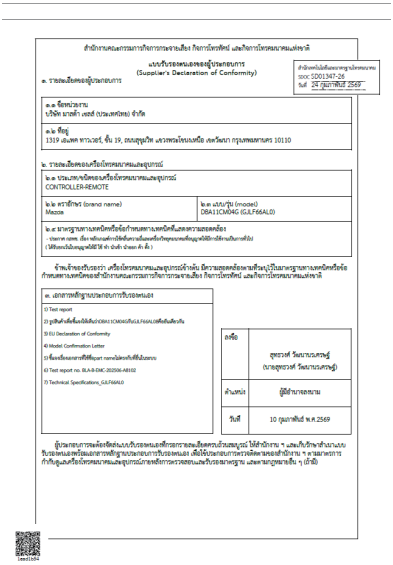
รายการที่ขอรับรองตนเอง	
ประเภท	CONTROLLER-REMOTE
ตราสินค้า	Mazda
แบบรุ่น	DBA11CM04G (GJLF66AL0)

ลงชื่อ _____
(นายธีรพร ศิลิลเจริญ)
ผู้ช่วยเลขาธิการสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

เงื่อนไขการออกหนังสือแบบรับรองตนเองของผู้ประกอบการ

1. แบบรับรองฉบับนี้แสดงว่าผู้ประกอบการได้ทำการรับรองตนเองว่าเครื่องโทรคมนาคมและอุปกรณ์ ตราสินค้าและแบบรุ่นดังกล่าวมีความสอดคล้องกับการขอคุณวุฒิของ กสทช.
2. ผู้ประกอบการต้องไม่ดัดแปลงเครื่องโทรคมนาคมและอุปกรณ์นี้ให้คลาดเคลื่อนไปจากที่ระบุไว้ในเอกสารแสดงลักษณะทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ ที่ได้ยื่นขอรับรองตนเองไว้กับสำนักงาน กสทช.
3. ผู้ประกอบการจะต้องปฏิบัติตามประกาศ กสทช. เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์และเครื่องวิทยุคมนาคม





สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

แบบรับรองตนเองของผู้ประกอบการ
(Supplier's Declaration of Conformity)

สำนักงานได้รับแบบรายงานนี้ไว้ในระบบ
เมื่อ SD01347-26
วันที่ 24 กุมภาพันธ์ 2569

๑. รายละเอียดของผู้ประกอบการ

๑.๑ ชื่อหน่วยงาน
บริษัท มาสด้า เซลส์ (ประเทศไทย) จำกัด

๑.๒ ที่อยู่
1319 เอ็มเพค ทาวเวอร์, ชั้น 19, ถนนสุขุมวิท แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110

๒. รายละเอียดของเครื่องโทรคมนาคมและอุปกรณ์

๒.๑ ประเภทหรือชนิดของเครื่องโทรคมนาคมและอุปกรณ์ CONTROLLER-REMOTE	
๒.๒ ตราสินค้า (brand name) Mazda	๒.๓ แบบรุ่น (models) DBA11CM04G (GJLF66AL0)

๒.๔ มาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคที่แสดงความสอดคล้อง
- ประกาศ กสทช. เรื่อง หลักเกณฑ์การมีข้อยกเว้นของเครื่องวิทยุคมนาคมที่ต้องรับใบอนุญาตหรือได้รับการยกเว้นไม่ต้องรับใบอนุญาตประจำสถานีวิทยุคมนาคม พ.ศ. ๒๕๕๓ ข้อ ๕ (๑) และ ข้อ ๕ (๒)

ข้าพเจ้าขอรับรองว่า เครื่องโทรคมนาคมและอุปกรณ์ข้างต้น มีความสอดคล้องตามหลักเกณฑ์ในมาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคของสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

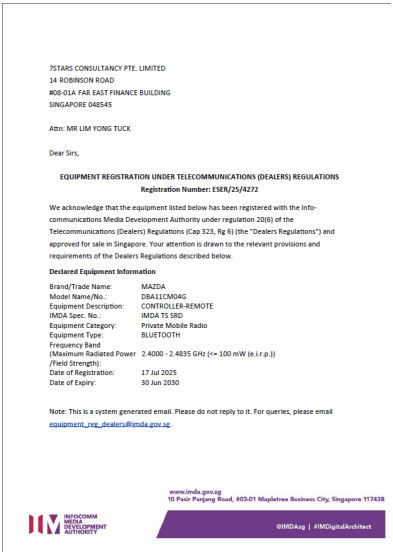
๓. เอกสารที่ใช้ในการประกอบการรับรองตนเอง
1) Test report
2) ลูกค้าเพื่อขอยื่นให้กับ(1)DBA11CM04G/GJLF66AL0หรือที่เทียบเท่ากัน
3) EU Declaration of Conformity
4) Model Confirmation Letter
5) ชื่อและชื่อเอกสารที่ใช้ที่ออก name ให้ตรงกับที่ยื่นในระบบ
6) Test report no. ILA-R-EMC-202506-A8102
7) Technical Specifications_GJLF66AL0

ลงชื่อ	สุพรรงศ์ วัฒนานนศรษฐ์ (นายสุพรรงศ์ วัฒนานนศรษฐ์)
ตำแหน่ง	ผู้มีอำนาจลงนาม
วันที่	10 กุมภาพันธ์ พ.ศ.2569

ผู้ประกอบการจะต้องปิดผนึกแบบรับรองตนเองที่ออกการออกเลขที่ตรงกับรายงานฉบับนี้ ให้สำนักงาน ฯ และเก็บรักษาสำเนาแบบรับรองตนเองพร้อมเอกสารหลักฐานประกอบการรับรองตนเอง เพื่อให้ประกอบการตรวจพิสูจน์ของสำนักงาน ฯ ตามหลักการกำกับดูแลเครื่องโทรคมนาคมและอุปกรณ์ภายหลังการตรวจสอบและรับรองมาตรฐาน และตามกฎหมายอื่น ๆ (ถ้ามี)

Declaration of Conformity

Singapore:



7STARS CONSULTANCY PTE. LIMITED
14 ROBINSON ROAD
#08-01A FAR EAST FINANCE BUILDING
SINGAPORE 048545

Attn: MR LIM YONG TUCK

Dear Sirs,

EQUIPMENT REGISTRATION UNDER TELECOMMUNICATIONS (DEALERS) REGULATIONS
Registration Number: ESER/25/4272

We acknowledge that the equipment listed below has been registered with the Info-communications Media Development Authority under regulation 20(6) of the Telecommunications (Dealers) Regulations (Cap 323, Rg 6) (the "Dealers Regulations") and approved for sale in Singapore. Your attention is drawn to the relevant provisions and requirements of the Dealers Regulations described below.

Declared Equipment Information

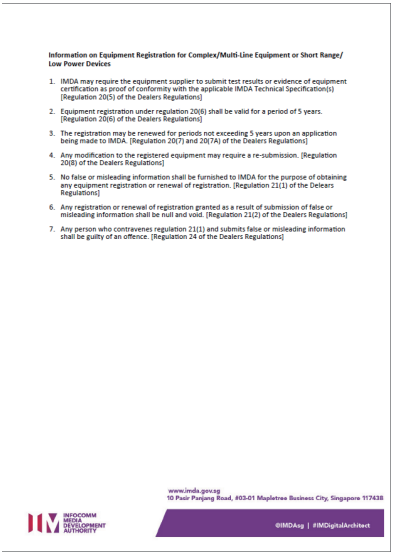
Brand/Trade Name:	MAZDA
Model Name/No.:	DBA11CM04G
Equipment Description:	CONTROLLER-REMOTE
IMDA Spec. No.:	IMDA TS SRD
Equipment Category:	Private Mobile Radio
Equipment Type:	BLUETOOTH
Frequency Band (Maximum Radiated Power /Field Strength):	2.4000 - 2.4835 GHz (<= 100 mW (e.i.r.p.))
Date of Registration:	17 Jul 2025
Date of Expiry:	30 Jun 2030

Note: This is a system generated email. Please do not reply to it. For queries, please email equipment_reg_dealers@imda.gov.sg

www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

INFOCOMM MEDIA DEVELOPMENT AUTHORITY

@IMDAsg | #IMDigitalArchitect



Information on Equipment Registration for Complex/Multi-Line Equipment or Short Range/ Low Power Devices

1. IMDA may require the equipment supplier to submit test results or evidence of equipment certification as proof of conformity with the applicable IMDA Technical Specification(s) [Regulation 20(5) of the Dealers Regulations]
2. Equipment registration under regulation 20(6) shall be valid for a period of 5 years. [Regulation 20(6) of the Dealers Regulations]
3. The registration may be renewed for periods not exceeding 5 years upon an application being made to IMDA. [Regulation 20(7) and 20(7A) of the Dealers Regulations]
4. Any modification to the registered equipment may require a re-submission. [Regulation 20(8) of the Dealers Regulations]
5. No false or misleading information shall be furnished to IMDA for the purpose of obtaining any equipment registration or renewal of registration. [Regulation 21(1) of the Delears Regulations]
6. Any registration or renewal of registration granted as a result of submission of false or misleading information shall be null and void. [Regulation 21(2) of the Dealers Regulations]
7. Any person who contravenes regulation 21(1) and submits false or misleading information shall be guilty of an offence. [Regulation 24 of the Dealers Regulations]

www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

INFOCOMM MEDIA DEVELOPMENT AUTHORITY

@IMDAsg | #IMDigitalArchitect

Declaration of Conformity

7STARS CONSULTANCY PTE. LIMITED
14 ROBINSON ROAD
#08-01A FAR EAST FINANCE BUILDING
SINGAPORE 048545

Attn: MR LIM YONG TUCK

Dear Sirs,

EQUIPMENT REGISTRATION UNDER TELECOMMUNICATIONS (DEALERS) REGULATIONS
Registration Number: ESER/25/4273

We acknowledge that the equipment listed below has been registered with the Info-communications Media Development Authority under regulation 20(6) of the Telecommunications (Dealers) Regulations (Cap 323, Rg 6) (the "Dealers Regulations") and approved for sale in Singapore. Your attention is drawn to the relevant provisions and requirements of the Dealers Regulations described below.

Declared Equipment Information

Brand/Trade Name:	MAZDA
Model Name/No.:	DBA11CM04J
Equipment Description:	CONTROLLER-REMOTE
IMDA Spec. No.:	IMDA TS SRD
Equipment Category:	Private Mobile Radio
Equipment Type:	BLUETOOTH
Frequency Band (Maximum Radiated Power /Field Strength):	2.4000 - 2.4835 GHz (<= 100 mW (e.i.r.p.))
Date of Registration:	17 Jul 2025
Date of Expiry:	30 Jun 2030

Note: This is a system generated email. Please do not reply to it. For queries, please email equipment_reg_dealers@imda.gov.sg.

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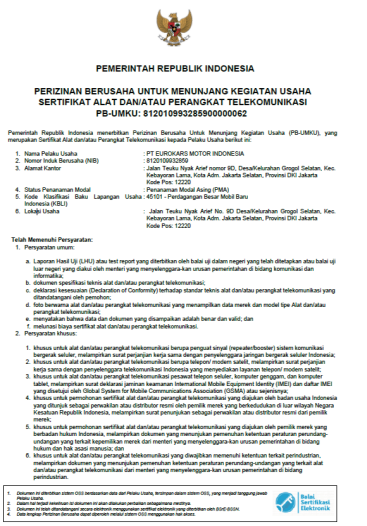
www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438
INFOCOMM MEDIA DEVELOPMENT AUTHORITY
@IMDAsg | #IMDigitalArchitect

Declaration of Conformity

Indonesia:



PEMERINTAH REPUBLIK INDONESIA

PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT DAN/ATAU PERANGKAT TELEKOMUNIKASI
PB-UMKU: 81201099328590000062

Pemerintah Republik Indonesia menerbitkan Perizinan Berusaha Untuk Menunjang Kegiatan Usaha (PB-UMKU), yang merupakan Sertifikat Alat dan/atau Perangkat Telekomunikasi kepada Pelaku Usaha berikut ini:

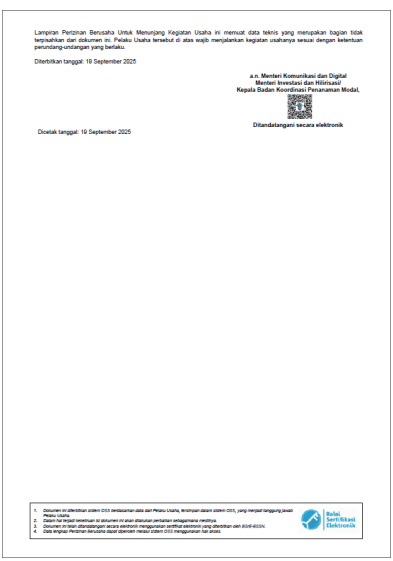
1. Nama Pelaku Usaha : PT EUROKARS MOTOR INDONESIA
2. Nomor Induk Berusaha (NIB) : 8120109932859
3. Alamat Kantor : Jalan Teuku Nyak Arief nomor 9D, Desa/Kelurahan Greges Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta Kode Pos: 12220
4. Status Penanaman Modal : Penanaman Modal Asing (PMA)
5. Kode Klasifikasi Baku Lapangan Usaha Indonesia (KBLI) : 45101 - Perdagangan Besar Mobil Baru
6. Lokasi Usaha : Jalan Teuku Nyak Arief No. 9D Desa/Kelurahan Greges Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta Kode Pos: 12220

Telah Memenuhi Persyaratan:

1. Persyaratan umum:
   a. Laporan Hasil Uji (LHU) atau test report yang diterbitkan oleh balai uji dalam negeri yang telah ditetapkan atau balai uji luar negeri yang diakui oleh menteri yang menyelenggara-kan urusan pemerintahan di bidang komunikasi dan informatika;
   b. dokumen spesifikasi teknis alat dan/atau perangkat telekomunikasi;
   c. deklarasi kesesuaian (Declaration of Conformity) terhadap standar teknis alat dan/atau perangkat telekomunikasi yang ditandatangani oleh pemohon;
   d. foto bersama alat dan/atau perangkat telekomunikasi yang menampilkan data merek dan model tipe Alat dan/atau perangkat telekomunikasi;
   e. menyatakan bahwa data dan dokumen yang disampaikan adalah benar dan valid; dan
   f. melunasi biaya sertifikat alat dan/atau perangkat telekomunikasi.
2. Persyaratan khusus:
   1. khusus untuk alat dan/atau perangkat telekomunikasi berupa penguat sinyal (repeater/booster) sistem komunikasi bergerak seluler, melampirkan surat perjanjian kerja sama dengan penyelenggara jaringan bergerak seluler Indonesia;
   2. khusus untuk alat dan/atau perangkat telekomunikasi berupa telepon/ modem satelit, melampirkan surat perjanjian kerja sama dengan penyelenggara telekomunikasi Indonesia yang menyediakan layanan telepon/ modem satelit;
   3. khusus untuk alat dan/atau perangkat telekomunikasi pesawat telepon seluler, komputer genggam, dan komputer tablet, melampirkan surat deklarasi jaminan keamanan International Mobile Equipment Identity (IMEI) dan daftar IMEI yang disetujui oleh Global System for Mobile Communications Association (GSMA) atau sejenisnya;
   4. khusus untuk permohonan sertifikat alat dan/atau perangkat telekomunikasi yang diajukan oleh badan usaha Indonesia yang ditunjuk sebagai penerakan atau distributor resmi oleh pemilik merek yang berkedudukan di luar wilayah Negara Kesatuan Republik Indonesia, melampirkan surat penunjukan sebagai penerakan atau distributor resmi dari pemilik merek;
   5. khusus untuk permohonan sertifikat alat dan/atau perangkat telekomunikasi yang diajukan oleh pemilik merek yang berbadan hukum Indonesia, melampirkan dokumen yang menunjukan pemenuhan ketentuan peraturan perundang-undangan yang terkait kepemilikan merek dari menteri yang menyelenggara-kan urusan pemerintahan di bidang hukum dan hak asasi manusia; dan
   6. khusus untuk alat dan/atau perangkat telekomunikasi yang diwajibkan memenuhi ketentuan terkait pembuktian, melampirkan dokumen yang menunjukan pemenuhan ketentuan peraturan perundang-undangan yang terkait alat dan/atau perangkat telekomunikasi dari menteri yang menyelenggara-kan urusan pemerintahan di bidang pembuktian.

1. *Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tercirikan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.*
2. *Dalam hal terjadi ketertiruan isi dokumen ini akan ditanukan pertalanan sebagaimana mestinya.*
3. *Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSrE-BSSN.*
4. *Data lengkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.*

Balai Sertifikasi Elektronik



Lampiran Perizinan Berusaha Untuk Menunjang Kegiatan Usaha ini memuat data teknis yang merupakan bagian tidak terpisahkan dari dokumen ini. Pelaku Usaha tersebut di atas wajib menjalankan kegiatan usahanya sesuai dengan ketentuan perundang-undangan yang berlaku.

Diterbitkan tanggal: 19 September 2025

a.n. Menteri Komunikasi dan Digital
Menteri Investasi dan Hilirisasi/
Kepala Badan Koordinasi Penanaman Modal,

Ditandatangani secara elektronik

Dicetak tanggal: 19 September 2025

1. *Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tercirikan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.*
2. *Dalam hal terjadi ketertiruan isi dokumen ini akan ditanukan pertalanan sebagaimana mestinya.*
3. *Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSrE-BSSN.*
4. *Data lengkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.*

Balai Sertifikasi Elektronik



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-UMKU : 01291995220590000000Z

Lampiran di bawah ini memuat data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

SERTIFIKAT / *CERTIFICATE*

NOMOR / *NUMBER* : 114349/DJID/2025

Nama Perangkat *Name of Equipment*	: CONTROLLER-REMOTE	Diajukan Oleh *Applied by*	: PT EUROKARS MOTOR INDONESIA
Merek *Trade Mark*	: MAZDA	Alamat *Address*	: Jalan Teuku Nyak Arief nomor 80, Desa/Kelurahan Grogol Selatan, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta, Kode Pos: 12220
Tipe *Type*	: DBA11CM04G	PLG ID *Client's ID*	: 8032
Buatan *Country of Origin*	: China	Tanggal Terbit *Date of Issue*	: 19 September 2025

Referensi
Reference : KEPMEN KOMINFO NOMOR 260 TAHUN 2024

Frekuensi Kerja
Operating Frequencies : Bluetooth 2.4 GHz - 2.4835 GHz
Bluetooth
Frekuensi
Daya Pancar : < 100 mWatt

Direktorat Layanan Infrastruktur Digital
Menara Danareksa Lt. 10
Jl. Medan Merdeka Selatan No. 7A, Jakarta Pusat 10110
https://sertifikat.postel.go.id/

1. Dokumen ini diterbitkan oleh OSS berdasarkan data dari Pelaku Usaha, bertanggal dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dalam hal terdapat kesalahan di dokumen ini akan dilakukan perbaikan sebagaimana mestinya.
3. Untuk memastikan keaslian dokumen ini dapat menghubungi Kementerian Komunikasi dan Digital melalui email: helpdesk@postel.go.id
4. Data lengkap Perizinan Berusaha dapatnya melalui sistem OSS menggunakan nib dan/atau.

Declaration of Conformity

Malaysia:



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RICA/09A/ I025/S(25-5223)

Application Number: SQAS/TA/25/5223

This certificate is granted to

BERMAZ MOTOR TRADING SDN. BHD.

NO 7, JALAN PELUKIS U1/46 TEMASYA INDUSTRIAL PARK SEKSYEN U1 40150 S.ALAM, SELANGOR

It is hereby certified that

MODEL: DBA11CM04G
MARKETING NAME: DBA11CM04G
BRAND: MAZDA

For device category

VEHICLE CONTROLLER (HYBRID AUTOMOTIVE)

Product Features:
Bluetooth [2400 MHz - 2483.5 MHz]

Approval Date: 09 October 2025 **Expiry Date:** 08 October 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.

Certificate Number: 221390

Ts. Md. Adha bin Kabri @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED
ACB 001

SIRIM QAS International Sdn. Bhd. (Company No. 414334-X) 1, Persiaran Dato' Menteri Section 2, P.O Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603 5544 6400 Fax: 603 5544 6610

Page 1 of 2



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RICA/09A/ I025/S(25-5223)

Application Number: SQAS/TA/25/5223

MODEL: DBA11CM04G
MARKETING NAME: DBA11CM04G
BRAND: MAZDA

Complies to

TECHNICAL CODE
MCMC MTSFB TC T007:2020

Approval Date: 09 October 2025 **Expiry Date:** 08 October 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.

Certificate Number: 221390

Ts. Md. Adha bin Kabri @ Rahmat
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STANDARDS MALAYSIA ACCREDITED
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Telephone: 603 5544 6400 Fax: 603 5544 6610

Page 2 of 2

▼Front Radar Sensor System

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์และกิจการโทรคมนาคมแห่งชาติ
The Office of National Broadcasting and Telecommunications Commission

หมายเลขการรองทะเบียน (Registration Number): A57008-22

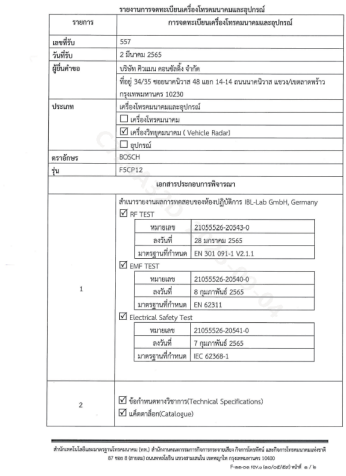
เครื่องโทรคมนาคมและอุปกรณ์ดังมีรายละเอียดต่อไปนี้ ได้รับการรองทะเบียนเครื่องโทรคมนาคม
และอุปกรณ์ จากสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์และกิจการ โทรคมนาคมแห่งชาติ แล้ว

ตราที่ห้อ (Brand Name) : BOSCH

รุ่นแบบ (Model) : FSCP12

ผู้ยื่นขอจดทะเบียน : บริษัท ห้วแอน ดอนช์ลิ่ง จำกัด

วันที่ 2 มีนาคม 2565 ลงชื่อ (Signature)
(Date of Registration) (นันทพุทิตย บุญโยคุณนี้)
ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม
หมายเหตุ : ให้ปฏิบัติตามข้อกำหนดท้ายนี้



รายงานการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์

รายการ	การจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์	
เลขที่รับ	557	
วันที่รับ	2 มีนาคม 2565	
ผู้ยื่นคำขอ	บริษัท ห้วแอน ดอนช์ลิ่ง จำกัด	
	ที่อยู่ 34/35 ซอยนาคนิวาส 48 แยก 14-14 ถนนนาคนิวาส แขวง/ตลาดพร้าว กรุงเทพมหานคร 10230	
ประเภท	เครื่องโทรคมนาคมและอุปกรณ์	
	☐ เครื่องโทรคมนาคม	
	☑ เครื่องวิทยุคมนาคม (Vehicle Radar)	
	☐ อุปกรณ์	
ตราอักษร	BOSCH	
รุ่น	FSCP12	
เอกสารประกอบการพิจารณา		
1	สำนมารถงานผลการทดสอบของห้องปฏิบัติการ IBL-Lab GmbH, Germany	
	☑ RF TEST	
	หมายเลข	21055526-20543-0
	ลงวันที่	28 มกราคม 2565
	มาตรฐานที่กำหนด	EN 301 091-1 V2.1.1
	☑ EMF TEST	
	หมายเลข	21055526-20540-0
	ลงวันที่	8 กุมภาพันธ์ 2565
	มาตรฐานที่กำหนด	EN 62311
	☑ Electrical Safety Test	
	หมายเลข	21055526-20541-0
	ลงวันที่	7 กุมภาพันธ์ 2565
	มาตรฐานที่กำหนด	IEC 62368-1
2	☑ ข้อกำหนดทางวิชาการ(Technical Specifications)	
	☑ แค็ตตาล็อก(Catalogue)	

สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
87 ซอย 8 (ราชวดี) ถนนพหลโยธิน แขวงสามเสนใน เขตพญาไท กรุงเทพมหานคร 10400

Declaration of Conformity

กฎ ระเบียบ ที่เกี่ยวข้อง	
พ.ร.บ.	☑ มาตรา 95 แห่ง พ.ร.บ.องค์กรจัดสรรคลื่นความถี่และกำกับการประกอบกิจการวิทยุกระจายเสียง วิทยุโทรทัศน์ และกิจการโทรคมนาคม พ.ศ. 2553
มาตรฐาน	☑ กสทช.มท.1011-2560 ลงวันที่ 28 มีนาคม พ.ศ. 2560 ☑ กสทช.มท.5001-2550 ลงวันที่ 29 มีนาคม พ.ศ. 2550
ประกาศ	☑ ประกาศ กสทช. เรื่อง หลักเกณฑ์การอนุญาตให้ใช้เครื่องวิทยุคมนาคมระบบเรดาร์ที่ติดตั้งในรถยนต์ (Vehicle Radar) ลงวันที่ 28 มีนาคม พ.ศ. 2560 ☑ ประกาศ กสทช. เรื่อง มาตรฐานควบคุมประเภทกิจต่ออุปกรณ์จำกัดการใช้เครื่องวิทยุคมนาคมลงวันที่ 29 มีนาคม 2550
ผลการพิจารณา	1. ผลการพิจารณาเครื่องวิทยุคมนาคม ตราอักษร BOSCH รุ่น FSCP12 2. สอดคล้องตามมาตรฐานทางเทคนิคและประการศที่เกี่ยวข้อง 3. เป็นเครื่องวิทยุคมนาคมระบบเรดาร์ที่ใช้ติดตั้งในรถยนต์ (Vehicle Radar) ได้รับอนุโลมให้ต้องมีใบอนุญาตฯ ใช้ ป้ายกำกับเครื่องวิทยุคมนาคม และใบอนุญาตตั้งสถานีวิทยุคมนาคม แต่ไม่ได้รับการเว้นใบอนุญาตฯ นำเข้า ค้าซื้อเครื่องวิทยุคมนาคม (กรณีมีการค้าซื้อเครื่องวิทยุคมนาคม)
สรุปผล	
ประเภท	Vehicle Radar
ตราอักษร	BOSCH
รุ่น	FSCP12
ลักษณะ	Radar Sensor (Automotive Radar)
ชนิด	เคลื่อนที่
รายละเอียดเครื่องวิทยุคมนาคม	
ย่านความถี่วิทยุ	Tx. /Rx. 76 – 77 GHz
กำลังส่งสูงสุด (Peak e.i.r.p.)	30.16 dBm หรือ 1.038 W
	(นายชูเกียรติ ลงพน) หน้าที่ผู้ตรวจสอบ (นายสมศักดิ์ หล้าศรี) รก. ผอก.

สำนักเทคโนโลยีและมาตรฐานโทรคมนาคม (ทม.) สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
87 ซอย 8 (ประชา) ถนนเทพลีลา แขวงสามเสนใน เขตพญาไท กรุงเทพมหานคร 10400
F-ผอก-008 ปรับปรุง (ออก/แก้ไข) ครั้งที่ 1x / 1x

ที่ สทช ๒๕๐๗/ ๑๒๘๑๐

สำนักงาน กสทช.
๘๗ ซอยวิภาวดี ๘ ถนนวิภาวดีรังสิต แขวงสามเสนใน เขตพญาไท กรุงเทพฯ ๑๐๔๐๐

๒ มีนาคม ๒๕๖๔

เรื่อง การตรวจสอบและรับรองมาตรฐานเครื่องโทรคมนาคมและอุปกรณ์ ตราอักษร BOSCH รุ่น FSCP12

เรียน กรรมการผู้จัดการ บริษัท ดิจแอล คอมปิงค์ จำกัด

อ้างถึง ๑. แบบคำขอรับบริการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ ลงวันที่ ๒ มีนาคม ๒๕๖๔
๒. ประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์ ประกาศ ณ วันที่ ๒ กรกฎาคม ๒๕๖๓
๓. ประกาศคณะกรรมการกิจการโทรคมนาคมแห่งชาติ เรื่อง หลักเกณฑ์และวิธีการกำกับดูแลความปลอดภัยต่อผู้ใช้บริการหรือเครื่องวิทยุคมนาคม ประกาศ ณ วันที่ ๑๙ มีนาคม ๒๕๕๐

สิ่งที่ส่งมาด้วย เอกสารการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ จำนวน ๑ ชุดบับ

ตามหนังสือที่อ้างถึง ๑ ท่านได้ยื่นขอรับบริการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ (แบบ 7R.06) ตราอักษร BOSCH รุ่น FSCP12 ต่อสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ (สำนักงาน กสทช.) ความละเอียดแจ้งแล้ว นั้น

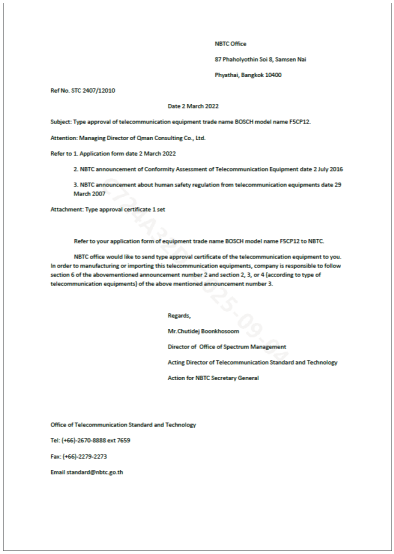
สำนักงาน กสทช. ขอเรียนว่า เครื่องวิทยุคมนาคม ตราอักษร แบบ/รุ่น ดังกล่าวผ่านการรับรองมาตรฐานจากสำนักงาน กสทช. รายละเอียดปรากฏตามเอกสารการทดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ ตามสิ่งที่ส่งมาด้วย ทั้งนี้ การผลิตครั้งต่อๆไปเครื่องวิทยุคมนาคมจำนำเข้าหน่ายภายในประเทศ ผู้ประกอบการมีหน้าที่และความรับผิดชอบ ตามหมวด ๒ ของประกาศที่อ้างถึง ๒ และต้องผลิตตรงตามต้นแบบตามมาตรฐานความปลอดภัย ตามหมวด ๒ หมวด ๓ หรือหมวด ๔ แล้วแต่กรณีตามประเภทของเครื่องวิทยุคมนาคมว่า ของประกาศที่อ้างถึง ๓

จึงเรียนมาเพื่อโปรดพิจารณาและถือปฏิบัติต่อไป

ขอแสดงความนับถือ

(นายชูเกียรติ บุญโกสุมภ์)
ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม
ปฏิบัติการแทน เลขาธิการ กสทช.

สำนักเทคโนโลยีและมาตรฐานโทรคมนาคม
โทร. ๐-๒๖๗๓-๓๘๘๘ ต่อ ๓๓๐๕
โทรสาร ๐-๒๖๗๓-๓๗๗๗
ไปรษณีย์อิเล็กทรอนิกส์ standard@nbtc.go.th



NBTC Office

87 Phaholyothin Soi 8, Samsen Nai

Phyathai, Bangkok 10400

Ref No. STC 2407/12010

Date 2 March 2022

Subject: Type approval of telecommunication equipment trade name BOSCH model name FSCP12.

Attention: Managing Director of Qman Consulting Co., Ltd.

Refer to 1. Application form date 2 March 2022

2. NBTC announcement of Conformity Assessment of Telecommunication Equipment date 2 July 2016

3. NBTC announcement about human safety regulation from telecommunication equipments date 29 March 2007

Attachment: Type approval certificate 1 set

Refer to your application form of equipment trade name BOSCH model name FSCP12 to NBTC.

NBTC office would like to send type approval certificate of the telecommunication equipment to you. In order to manufacturing or importing this telecommunication equipments, company is responsible to follow section 6 of the abovementioned announcement number 2 and section 2, 3, or 4 (according to type of telecommunication equipments) of the above mentioned announcement number 3.

Regards,

Mr.Chutidej Boonkhosoom

Director of Office of Spectrum Management

Acting Director of Telecommunication Standard and Technology

Action for NBTC Secretary General

Office of Telecommunication Standard and Technology

Tel: (+66)-2670-8888 ext 7659

Fax: (+66)-2279-2273

Email standard@nbtc.go.th

Declaration of Conformity

Singapore:



TRANS EUROKARS PTE LTD
11 KUNG CHONG ROAD
EUROKARS CENTRE
SINGAPORE 159147

Attn: MR LOK KENG HOE

Dear Sirs,

EQUIPMENT REGISTRATION UNDER TELECOMMUNICATIONS (DEALERS) REGULATIONS
Registration Number: ESER/25/4465

We acknowledge that the equipment listed below has been registered with the Info-communications Media Development Authority under regulation 20(6) of the Telecommunications (Dealers) Regulations (Cap 323, Rg 6) (the "Dealers Regulations") and approved for sale in Singapore. Your attention is drawn to the relevant provisions and requirements of the Dealers Regulations described below.

Declared Equipment Information

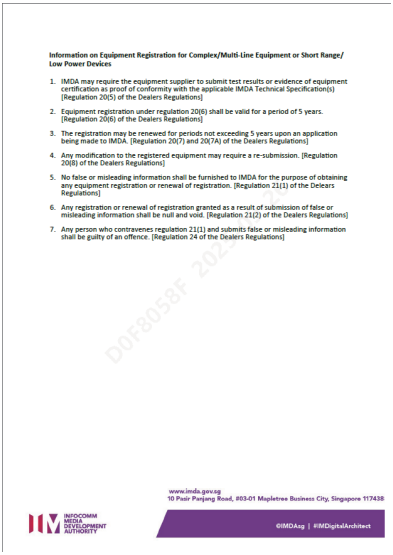
Brand/Trade Name:	Bosch
Model Name/No.:	F5CP12
Equipment Description:	Radar sensor
IMDA Spec. No.:	IMDA TS SRD
Equipment Category:	Low Power Radio Equipment
Equipment Type:	Radar
Frequency Band (Maximum Radiated Power /Field Strength):	76 - 77 GHz (<= 55 dBm pk/50 dBm avg (e.i.r.p.) non-pulse radar)
Date of Registration:	28 Jul 2025
Date of Expiry:	30 Jun 2030

Note: This is a system generated email. Please do not reply to it. For queries, please email equipment_reg_dealers@imda.gov.sg.

www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

INFOCOMM MEDIA DEVELOPMENT AUTHORITY

©IMDAsg | #IMDigitalArchitect



Information on Equipment Registration for Complex/Multi-Line Equipment or Short Range/ Low Power Devices

1. IMDA may require the equipment supplier to submit test results or evidence of equipment certification as proof of conformity with the applicable IMDA Technical Specification(s) [Regulation 20(5) of the Dealers Regulations]
2. Equipment registration under regulation 20(6) shall be valid for a period of 5 years. [Regulation 20(6) of the Dealers Regulations]
3. The registration may be renewed for periods not exceeding 5 years upon an application being made to IMDA. [Regulation 20(7) and 20(7A) of the Dealers Regulations]
4. Any modification to the registered equipment may require a re-submission. [Regulation 20(8) of the Dealers Regulations]
5. No false or misleading information shall be furnished to IMDA for the purpose of obtaining any equipment registration or renewal of registration. [Regulation 21(1) of the Delears Regulations]
6. Any registration or renewal of registration granted as a result of submission of false or misleading information shall be null and void. [Regulation 21(2) of the Dealers Regulations]
7. Any person who contravenes regulation 21(1) and submits false or misleading information shall be guilty of an offence. [Regulation 24 of the Dealers Regulations]

www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

INFOCOMM MEDIA DEVELOPMENT AUTHORITY

©IMDAsg | #IMDigitalArchitect

Malaysia:



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RGLN/77A/0825/S(25-4563)

Application Number: SQAS/TA/25/4563

This certificate is granted to

BERMAZ MOTOR TRADING SDN. BHD.

NO 7, JALAN PELUKIS U1/46 TEMASYA INDUSTRIAL PARK SEKSYEN U1 40150 S.ALAM, SELANGOR

It is hereby certified that

MODEL: F5CP12
MARKETING NAME: F5CP12
BRAND: BOSCH

For device category

LONG RANGE RADAR EQUIPMENT (HYBRID AUTOMOTIVE)

Product Features:
Frequency [76 GHz - 77 GHz]

Approval Date: 29 August 2025 Expiry Date: 28 August 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.

Certificate Number: 218685

Ts. Md. Adha bin Kutni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED ACB 001

SIRIM QAS International Sdn. Bhd. (Company No. 413334-K) 1, Persiaran Dato' Menteri Section 2, P.O Box 7036, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603 5544 6400 Fax: 603 5544 6610

Page 1 of 2 eTACFORM04-1 Issue No. 2 Rev. 0



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RGLN/77A/0825/S(25-4563)

Application Number: SQAS/TA/25/4563

MODEL: F5CP12
MARKETING NAME: F5CP12
BRAND: BOSCH

Complies to

TECHNICAL CODE
MCMC MTSFB TC T007:2020

Approval Date: 29 August 2025 Expiry Date: 28 August 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.

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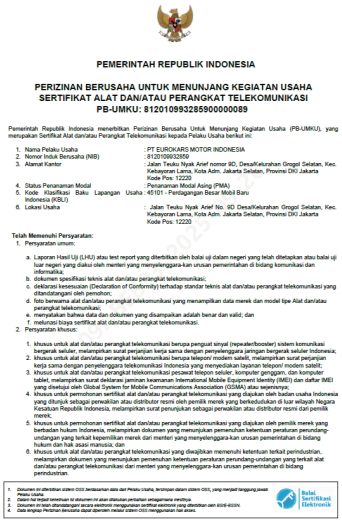
Telephone: 603 5544 6400 Fax: 603 5544 6610

Page 2 of 2 eTACFORM04-1 Issue No. 2 Rev. 0

Declaration of Conformity

Indonesia:



PEMERINTAH REPUBLIK INDONESIA

PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT DAN/ATAU PERANGKAT TELEKOMUNIKASI
PB-UMKU: 81201099328590000089

Pemerintah Republik Indonesia menerbitkan Perizinan Berusaha Untuk Menunjang Kegiatan Usaha (PB-UMKU), yang merupakan Sertifikat Alat dan/atau Perangkat Telekomunikasi kepada Pelaku Usaha berikut ini:

1. Nama Pelaku Usaha : PT EUROKARS MOTOR INDONESIA
2. Nomor Induk Berusaha (NIB) : 8120108632959
3. Alamat Kantor : Jalan Teuku Nyak Arief nomor 9D, Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta Kode Pos: 12220
4. Status Penanaman Modal : Penanaman Modal Asing (PMA)
5. Kode Klasifikasi Baku Lapangan Usaha Indonesia (KBLI) : 45101 - Perdagangan Besar Mobil Baru
6. Lokasi Usaha : Jalan Teuku Nyak Arief No. 9D Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta Kode Pos: 12220

Telah Memenuhi Persyaratan:

1. Persyaratan umum:
   a. Laporan Hasil Uji (LHU) atau test report yang diterbitkan oleh balai uji dalam negeri yang telah ditetapkan atau balai uji luar negeri yang diakui oleh menteri yang menyelenggara-kan urusan pemerintahan di bidang komunikasi dan informatika;
   b. dokumen spesifikasi teknis alat dan/atau perangkat telekomunikasi;
   c. deklarasi kesesuaian (Declaration of Conformity) terhadap standar teknis alat dan/atau perangkat telekomunikasi yang ditandatangani oleh pemohon;
   d. foto berwarna alat dan/atau perangkat telekomunikasi yang menampilkan data merek dan model tipe Alat dan/atau perangkat telekomunikasi;
   e. menyatakan bahwa data dan dokumen yang disampaikan adalah benar dan valid; dan
   f. melunasi biaya sertifikat alat dan/atau perangkat telekomunikasi.
2. Persyaratan khusus:
   1. khusus untuk alat dan/atau perangkat telekomunikasi berupa penguat sinyal (repeater/booster) sistem komunikasi bergerak seluler, melampirkan surat perjanjian kerja sama dengan penyelenggara jaringan bergerak seluler Indonesia;
   2. khusus untuk alat dan/atau perangkat telekomunikasi berupa telepon/ modem satelit, melampirkan surat perjanjian kerja sama dengan penyelenggara telekomunikasi Indonesia yang menyediakan layanan telepon/ modem satelit;
   3. khusus untuk alat dan/atau perangkat telekomunikasi pesawat telepon seluler, komputer genggam, dan komputer tablet, melampirkan surat deklarasi jaminan kewenangan International Mobile Equipment Identity (IMEI) dan daftar IMEI yang diwakili oleh Global System for Mobile Communications Association (GSMA) atau sejenisnya;
   4. khusus untuk permohonan sertifikat alat dan/atau perangkat telekomunikasi yang diajukan oleh badan usaha Indonesia yang ditunjuk sebagai perwakilan atau distributor resmi oleh pemilik merek yang berkedudukan di luar wilayah Negara Kesatuan Republik Indonesia, melampirkan surat penunjukan sebagai perwakilan atau distributor resmi dari pemilik merek;
   5. khusus untuk permohonan sertifikat alat dan/atau perangkat telekomunikasi yang diajukan oleh pemilik merek yang berbadan hukum Indonesia, melampirkan dokumen yang menunjukan pemenuhan ketentuan peraturan perundang-undangan yang terkait kepemilikan merek dari menteri yang menyelenggara-kan urusan pemerintahan di bidang hukum dan hak asasi manusia; dan
   6. khusus untuk alat dan/atau perangkat telekomunikasi yang diwajibkan memenuhi ketentuan terkait perindustrian, melampirkan dokumen yang menunjukan pemenuhan ketentuan peraturan perundang-undangan yang terkait alat dan/atau perangkat telekomunikasi dari menteri yang menyelenggara-kan urusan pemerintahan di bidang perindustrian.

1. *Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tanpinan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.*
2. *Dalam hal terjadi ketethuan isi dokumen ini akan dilakukan pentalian sebagaimana mestinya.*
3. *Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSrE-BSSN.*
4. *Data lengkap Perizinan Berusaha dapat dipercetak melalui sistem OSS menggunakan hak akses.*

Balai Sertifikasi Elektronik

Lampiran Perizinan Berusaha Untuk Menunjang Kegiatan Usaha ini memuat data teknis yang merupakan bagian tidak terpisahkan dari dokumen ini. Pelaku Usaha tersebut di atas wajib menjalankan kegiatan usahanya sesuai dengan ketentuan perundang-undangan yang berlaku.

Diterbitkan tanggal: 01 Agustus 2025

a.n. Menteri Komunikasi dan Digital
Menteri Investasi dan Hilirisasi/
Kepala Badan Koordinasi Penanaman Modal,

Ditandatangani secara elektronik

Dicetak tanggal: 01 Agustus 2025

1. *Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tanpinan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.*
2. *Dalam hal terjadi ketethuan isi dokumen ini akan dilakukan pentalian sebagaimana mestinya.*
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4. *Data lengkap Perizinan Berusaha dapat dipercetak melalui sistem OSS menggunakan hak akses.*

Balai Sertifikasi Elektronik



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-UMKU : 01291095225090000003

Lampiran di bawah ini memuat data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

SERTIFIKAT / *CERTIFICATE*

NOMOR / *NUMBER* : 112995/DJID/2025

Nama Perangkat *Name of Equipment*	: Radar sensor	Diajukan Oleh *Applied by*	: PT EUROKARS MOTOR INDONESIA
Merek *Trade Mark*	: Bosch	Alamat *Address*	: Jalan Teuku Nyak Arief nomor 80, Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta, Kode Pos: 12220
Tipe *Type*	: F5CP12	PLG ID *Client's ID*	: 8032
Buatan *Country of Origin*	: China	Tanggal Terbit *Date of Issue*	: 01 Agustus 2025
Referensi *Reference*	: KEPMEN KOMINFO NOMOR 260 TAHUN 2024		

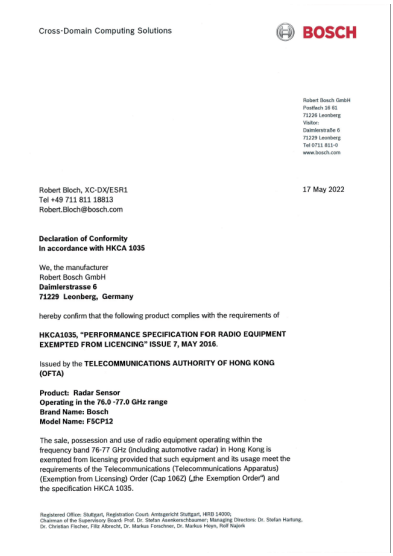
Frekuensi Kerja / *Operating Frequencies*: Radar SRD / Radar SRD — Frekuensi / *Frequency*: 76 GHz - 77 GHz; Daya Pancar / *Power*: < 55 dBm

Direktorat Layanan Infrastruktur Digital
Ditjen Ekosistem Digital
Jl. Medan Merdeka Selatan No. 1A, Jakarta Pusat 10110
https://bantuan.postelsiar.go.id

1. Dokumen ini diterbitkan oleh OSS berdasarkan data dari Pelaku Usaha, termasuk dalam oleh OSS, yang tersedia langsung dalam Pelaku Usaha.
2. Dalam hal terjadi kesalahan di dokumen ini akan dilakukan perbaikan sebagaimana mestinya.
3. Untuk informasi lebih lanjut, silahkan menghubungi Kementerian Komunikasi dan Digital di nomor telp 0804-1-60000.
4. Kata kunci Pelaporan Ekosistem dapat digunakan melalui sistem OSS menggunakan web browser.

Declaration of Conformity

Hong Kong:



Cross-Domain Computing Solutions

BOSCH

Robert Bosch GmbH
Postfach 10 61
71226 Leonberg
Visitor:
Daimlerstraße 6
71229 Leonberg
Tel 0711 811-0
www.bosch.com

17 May 2022

Robert Bloch, XC-DX/ESR1
Tel +49 711 811 18813
Robert.Bloch@bosch.com

Declaration of Conformity
In accordance with HKCA 1035

We, the manufacturer
Robert Bosch GmbH
Daimlerstrasse 6
71229 Leonberg, Germany

hereby confirm that the following product complies with the requirements of

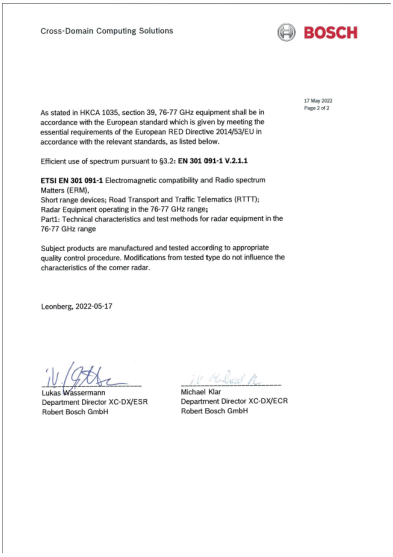
HKCA1035, "PERFORMANCE SPECIFICATION FOR RADIO EQUIPMENT EXEMPTED FROM LICENCING" ISSUE 7, MAY 2016.

Issued by the **TELECOMMUNICATIONS AUTHORITY OF HONG KONG (OFTA)**

Product: Radar Sensor
Operating in the 76.0 -77.0 GHz range
Brand Name: Bosch
Model Name: F5CP12

The sale, possession and use of radio equipment operating within the frequency band 76-77 GHz (including automotive radar) in Hong Kong is exempted from licensing provided that such equipment and its usage meet the requirements of the Telecommunications (Telecommunications Apparatus) (Exemption from Licensing) Order (Cap 106Z) ("the Exemption Order") and the specification HKCA 1035.

Registered Office: Stuttgart, Registration Court: Amtsgericht Stuttgart, HRB 14000;
Chairman of the Supervisory Board: Prof. Dr. Stefan Asenkerschbaumer; Managing Directors: Dr. Stefan Hartung, Dr. Christian Fischer, Filiz Albrecht, Dr. Markus Forschner, Dr. Markus Heyn, Rolf Najork



Cross-Domain Computing Solutions

BOSCH

As stated in HKCA 1035, section 39, 76-77 GHz equipment shall be in accordance with the European standard which is given by meeting the essential requirements of the European RED Directive 2014/53/EU in accordance with the relevant standards, as listed below.

Efficient use of spectrum pursuant to §3.2: **EN 301 091-1 V.2.1.1**

ETSI EN 301 091-1 Electromagnetic compatibility and Radio spectrum Matters (ERM);
Short range devices; Road Transport and Traffic Telematics (RTTT);
Radar Equipment operating in the 76-77 GHz range;
Part1: Technical characteristics and test methods for radar equipment in the 76-77 GHz range

Subject products are manufactured and tested according to appropriate quality control procedure. Modifications from tested type do not influence the characteristics of the corner radar.

Leonberg, 2022-05-17

Lukas Wassermann
Department Director XC-DX/ESR
Robert Bosch GmbH

Michael Klar
Department Director XC-DX/ECR
Robert Bosch GmbH

Macau:



1 of 3

INGENIEURBÜRO LENHARDT

TYPE APPROVAL EXEMPTION INFORMATION

Date: 2022-02-28
Project number: 21055526

MACAU

According to official Type Approval Rules of

Macau Special Administrative Region
Office of the Executive Chief

By virtue of the authority conferred by article 50 of the basic law of the Macau Special Administrative Region and pursuant to article 7 of Decree-Law no. 18/83/M, of March 12th, 1983 the Chief Executive decided to exempt specific RF-Equipment from Radio Type Approval obligation in Executive Order No. 468/2015 issued on 2015-12-28.

1. Radio authorization equipment, referred to in article 7 of Decree-Law no. 18/81/M, of reduced power and small scope included in the following categories is exempted:

2. Categories	Authorized frequency band	max. EIRP
1.16	76.00 – 77.00 GHz	320 W

In this context, the following product

Name:	Radar sensor
Brand:	Bosch
Model:	PSCP12

falls under the definition of Short Range Device
As a result, currently it is not necessary to pursue any Type Approval process for this product.

Annex:
Page 2: Excerpt of Decree Law18/83/M
Page 3: Excerpt of Executive Order 468/2015

- This information may be subject to change without prior notice from IB-Lenhardt AG -

IB-Lenhardt AG · Heinrich-Hertz-Allee 7 · 66386 St. Ingbert · [GERMANY] · CEO: Daniel Lenhardt
HRB 102685 Amtsgericht Saarbrücken · Sales tax identification nr.: DE 301 588 230 · D-U-N-S® Nr: 312931547
URL: www.ib-lenhardt.de/en · Phone: +49 6894 38938-0 · Fax: +49 6894 38938-99

2 of 3

INGENIEURBÜRO LENHARDT

TYPE APPROVAL EXEMPTION INFORMATION

Date: 2022-02-28
Project number: 21055526

MACAU

EXCERPT OF DECREE-LAW NO. 18/83/M

12 DE MARÇO DE 1983 — BOLETIM OFICIAL DE MACAU — N.º 11 327

Artigo 7.º

(Dispensa da autorização governamental)

1. Estão dispensados da autorização governamental, indicada no artigo 6.º, os equipamentos de radiocomunicações:

a) De reduzida potência e pequeno alcance, incluídos em categorias a fixar por despacho governamental;
b) Receptores do serviço de radiodifusão sonora e televisiva.

2. Também não carecem da autorização os equipamentos de radiocomunicações utilizados pelas Forças de Segurança e Polícia Judiciária, para satisfação das necessidades colectivas de segurança e ordem pública.

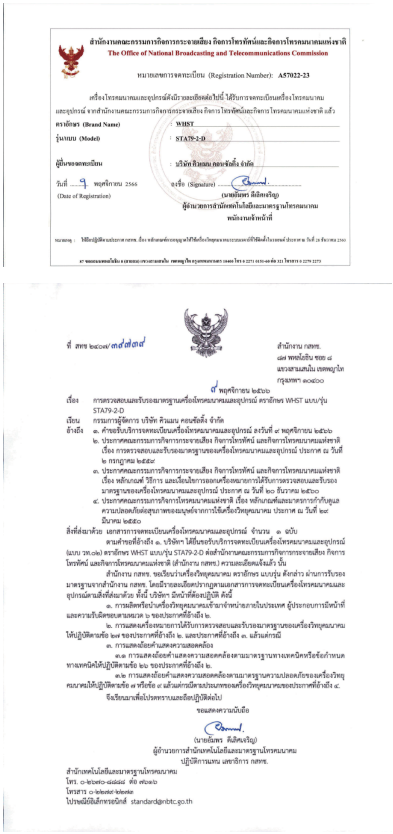
- This information may be subject to change without prior notice from IB-Lenhardt AG -

IB-Lenhardt AG · Heinrich-Hertz-Allee 7 · 66386 St. Ingbert · [GERMANY] · CEO: Daniel Lenhardt
HRB 102685 Amtsgericht Saarbrücken · Sales tax identification nr.: DE 301 588 230 · D-U-N-S® Nr: 312931547
URL: www.ib-lenhardt.de/en · Phone: +49 6894 38938-0 · Fax: +49 6894 38938-99

Declaration of Conformity

▼Corner Radar

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์และกิจการโทรคมนาคมแห่งชาติ
The Office of National Broadcasting and Telecommunications Commission

หมายเลขการจดทะเบียน (Registration Number): A57022-23

เครื่องโทรคมนาคมและอุปกรณ์ดังมีรายละเอียดต่อไปนี้ ได้รับการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ จากสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์และกิจการโทรคมนาคมแห่งชาติ แล้ว

ตราสักษร (Brand Name) : WHST
รุ่นแบบ (Model) : STA79-2-D
ผู้ยื่นขอจดทะเบียน : บริษัท ทิวแมน คอนซัลติ้ง จำกัด
วันที่ 9 พฤศจิกายน 2566 (Date of Registration)
ลงชื่อ (Signature) (นายอัมพร ดีเลิศเจริญ)
ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม
พนักงานเจ้าหน้าที่

หมายเหตุ : ให้ถือปฏิบัติตามประกาศ กสทช. เรื่อง หลักเกณฑ์ประกาศมูลฐานให้ใช้เครื่องโทรคมนาคมประเภทเครื่องวิทยุคมนาคม ประกาศ ณ วันที่ 28 ธันวาคม 2560

ที่ สทช ๒๔๐๗/๓๙๗๓๙

สำนักงาน กสทช.
๔๙ พหลโยธิน ซอย ๔
แขวงสามเสนใน เขตพญาไท
กรุงเทพฯ ๑๐๔๐๐

๙ พฤศจิกายน ๒๕๖๖

เรื่อง การตรวจสอบและรับรองมาตรฐานเครื่องโทรคมนาคมและอุปกรณ์ ตราสักษร WHST แบบรุ่น STA79-2-D

เรียน กรรมการผู้จัดการ บริษัท ทิวแมน คอนซัลติ้ง จำกัด

อ้างถึง ๑. คำขอรับบริการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ ลงวันที่ ๙ พฤศจิกายน ๒๕๖๖
๒. ประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์ ประกาศ ณ วันที่ ๒ กรกฎาคม ๒๕๕๙
๓. ประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง หลักเกณฑ์ วิธีการ และเงื่อนไขการออกเครื่องหมายการได้รับการตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์ ประกาศ ณ วันที่ ๒๐ ธันวาคม ๒๕๖๐
๔. ประกาศคณะกรรมการกิจการโทรคมนาคมแห่งชาติ เรื่อง หลักเกณฑ์และมาตรการกำกับดูแลความปลอดภัยต่อสุขภาพของมนุษย์จากการใช้เครื่องวิทยุคมนาคม ประกาศ ณ วันที่ ๒๙ มีนาคม ๒๕๕๐

สิ่งที่ส่งมาด้วย เอกสารการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ จำนวน ๑ ฉบับ

ตามคำขอที่อ้างถึง ๑. บริษัทฯ ได้ยื่นขอรับบริการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ (แบบ ๓๔๐๒) ตราสักษร WHST แบบรุ่น STA79-2-D ต่อสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ (สำนักงาน กสทช.) ความละเอียดแจ้งแล้ว นั้น

สำนักงาน กสทช. ขอเรียนว่าเครื่องวิทยุคมนาคม ตราสักษร แบบรุ่น ดังกล่าว ผ่านการรับรองมาตรฐานจากสำนักงาน กสทช. โดยมีรายละเอียดปรากฏตามเอกสารการจดทะเบียนเครื่องโทรคมนาคมและอุปกรณ์ตามสิ่งที่ส่งมาด้วย ทั้งนี้ บริษัทฯ มีหน้าที่ต้องปฏิบัติ ดังนี้

๑. การผลิตหรือนำเครื่องวิทยุคมนาคมเข้ามาจำหน่ายภายในประเทศ ผู้ประกอบการมีหน้าที่และความรับผิดชอบตามคณะฯ ๖ ของประกาศที่อ้างถึง ๒.

๒. การแสดงเครื่องหมายการได้รับการตรวจสอบและรับรองมาตรฐานของเครื่องวิทยุคมนาคม ให้ปฏิบัติตามข้อ ๒๗ ของประกาศที่อ้างถึง ๒. และประกาศที่อ้างถึง ๓. แล้วแต่กรณี

๓. การแสดงข้อความคงความสอดคล้อง

๓.๑ การแสดงข้อความคงความสอดคล้องตามมาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคให้ปฏิบัติตามข้อ ๒๖ ของประกาศที่อ้างถึง ๒.

๓.๒ การแสดงข้อความคงความสอดคล้องตามมาตรฐานความปลอดภัยของเครื่องวิทยุคมนาคมให้ปฏิบัติตามข้อ ๗ หรือข้อ ๙ แล้วแต่กรณีตามประเภทของเครื่องวิทยุคมนาคมของประกาศที่อ้างถึง ๔.

จึงเรียนมาเพื่อโปรดทราบและถือปฏิบัติต่อไป

ขอแสดงความนับถือ

(นายอัมพร ดีเลิศเจริญ)
ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม
ปฏิบัติการแทน เลขาธิการ กสทช.

สำนักเทคโนโลยีและมาตรฐานโทรคมนาคม
โทร. ๐-๒๒๗๐-๔๘๘๘ ที่ ๗๖๑๖
โทรสาร ๐-๒๒๗๘-๒๒๗๘
ไปรษณีย์อิเล็กทรอนิกส์ standard@nbtc.go.th

Singapore:

WIDEMINDS PTE. LTD.
39 WOODLANDS CLOSE
#08-06 MEGA@WOODLANDS
SINGAPORE 737856

Attn: LOW WEI YAP

Dear Sirs,

EQUIPMENT REGISTRATION UNDER TELECOMMUNICATIONS (DEALERS) REGULATIONS
Registration Number: ESER/25/4845

We acknowledge that the equipment listed below has been registered with the Info-communications Media Development Authority under regulation 20(6) of the Telecommunications (Dealers) Regulations (Cap 323, Rg 6) (the "Dealers Regulations") and approved for sale in Singapore. Your attention is drawn to the relevant provisions and requirements of the Dealers Regulations described below.

Declared Equipment Information

Brand/Trade Name:	WHST
Model Name/No.:	STA79-2-D
Equipment Description:	Corner radar
IMDA Spec. No.:	IMDA TS SRD
Equipment Category:	Low Power Radio Equipment
Equipment Type:	Radar
Frequency Band (Maximum Radiated Power /Field Strength):	76 - 77 GHz (<= 55 dBm pk/50 dBm avg (e.i.r.p.) non-pulse radar)
Date of Registration:	12 Aug 2025
Date of Expiry:	31 Jul 2030

Note: This is a system generated email. Please do not reply to it. For queries, please email equipment_reg_dealers@imda.gov.sg.

Information on Equipment Registration for Complex/Multi-Line Equipment or Short Range/ Low Power Devices

1. IMDA may require the equipment supplier to submit test results or evidence of equipment certification as proof of conformity with the applicable IMDA Technical Specification(s) [Regulation 20(5) of the Dealers Regulations]
2. Equipment registration under regulation 20(6) shall be valid for a period of 5 years. [Regulation 20(6) of the Dealers Regulations]
3. The registration may be renewed for periods not exceeding 5 years upon an application being made to IMDA. [Regulation 20(7) and 20(7A) of the Dealers Regulations]
4. Any modification to the registered equipment may require a re-submission. [Regulation 20(8) of the Dealers Regulations]
5. No false or misleading information shall be furnished to IMDA for the purpose of obtaining any equipment registration or renewal of registration. [Regulation 21(1) of the Delears Regulations]
6. Any registration or renewal of registration granted as a result of submission of false or misleading information shall be null and void. [Regulation 21(2) of the Dealers Regulations]
7. Any person who contravenes regulation 21(1) and submits false or misleading information shall be guilty of an offence. [Regulation 24 of the Dealers Regulations]

www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438
INFOCOMM MEDIA DEVELOPMENT AUTHORITY
@IMDAsg | #IMDigitalArchitect

Declaration of Conformity

Malaysia:



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RALM/88C/0825/S(25-4629)

Application Number: SQAS/TA/25/4629

This certificate is granted to

BERMAZ MOTOR TRADING SDN. BHD.

NO 7, JALAN PELUKIS U1/46 TEMASYA INDUSTRIAL PARK SEKSYEN U1 40150 S ALAM, SELANGOR

It is hereby certified that

MODEL: STA79-2-D

MARKETING NAME: STA79-2-D

BRAND: WHST

For device category

SHORT RANGE RADAR EQUIPMENT (HYBRID AUTOMOTIVE)

Product Features:

Frequency [76 GHz - 77 GHz]

Approval Date: 25 August 2025 Expiry Date: 24 August 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.

Certificate Number: 218312

Ts. Md. Adha bin Kabri @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED ACB 001

SIRIM QAS International Sdn. Bhd. (Company No. 413354-X) 1, Persiaran Dato' Menteri Section 2, P.O Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603 5544 6400 Fax: 603 5544 6610

Page 1 of 2 eTACFORM4-1 Issue No. 2 Rev. 0



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RALM/88C/0825/S(25-4629)

Application Number: SQAS/TA/25/4629

MODEL: STA79-2-D

MARKETING NAME: STA79-2-D

BRAND: WHST

Complies to

TECHNICAL CODE

ACMC MTSFB TC T007:2020

Approval Date: 25 August 2025 Expiry Date: 24 August 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.

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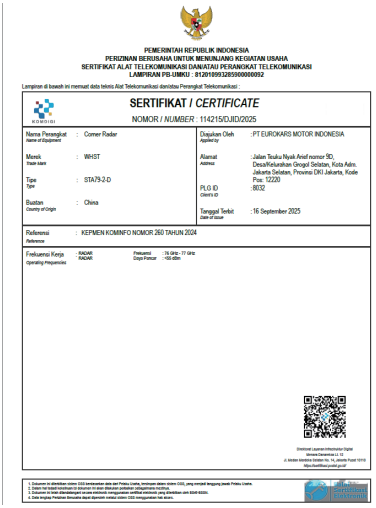
Telephone: 603 5544 6400 Fax: 603 5544 6610

Page 2 of 2 eTACFORM4-1 Issue No. 2 Rev. 0

Indonesia:



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-UMKU : 812019593285900000092

Lampiran di bawah ini memuat data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

KOMOIDI

SERTIFIKAT / *CERTIFICATE*

NOMOR / *NUMBER* : 114215/DJID/2025

Nama Perangkat *Name of Equipment*	: Corner Radar	Diajukan Oleh *Applicant*	: PT EUROKARS MOTOR INDONESIA
Merek *Trade Mark*	: WHST	Alamat *Address*	: Jalan Teuku Nyak Arief nomor 5D, Desa/Kelurahan Grogol Selatan, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta, Kode Pos: 12220
Tipe *Type*	: STA79-2-D	PLG ID *Client's ID*	: 8032
Buatan *Country of Origin*	: China	Tanggal Terbit *Date of Issue*	: 16 September 2025
Referensi *Reference*	: KEPMEN KOMINFO NOMOR 260 TAHUN 2024		
Frekuensi Kerja *Operating Frequencies*	- RADAR - RADAR	Frekuensi *Daya Pancar*	: 76 GHz - 77 GHz : +55 dBm

Direktorat Jaleran Infrastruktur Digital
Gedung Sarwanda Lt. 10
Jl. Medan Merdeka Selatan No. 14, Jakarta Pusat 10110
https://sertifikat.postel.go.id/

1. Dokumen ini dikeluarkan oleh DJID berdasarkan data dari Pelaku Usaha, lembaran dalam sistem DJID, yang mengikat lengkap pada Pelaku Usaha.
2. Dokumen ini tidak dikeluarkan di ruang-ruang tertutup dan dikeluarkan pada pelaku usaha.
3. Dokumen ini tidak dikeluarkan di ruang-ruang tertutup dan dikeluarkan pada pelaku usaha.
4. Data lengkap Perjalan Berusaha dapat diperoleh melalui sistem DJID menggunakan hak akses.

Declaration of Conformity

▼High-voltage Battery

CALB
中创新航

No. CALB-EU- 190K EU -01

EU Declaration of Conformity

We, CALB Group Co., Ltd., located at No. 1 Jiangdong Avenue, Jintan District, Changzhou City, Jiangsu Province, P. R. China, declare under our sole responsibility that the product:

Product Name	**PACK ASSEMBLY**
Product Model	**XLBA5J**
Product Classification	**Electric vehicle battery（Lithium ion Battery）**
Product traceability information	**"Reflected in the battery traceability barcode label, Please refer to the technical document 2.1.3"**
Product Image	

to which this declaration relates, conforms to the provisions of the following EU Directives and Regulations:

Regulation (EU) 2023/1542 on Batteries and Waste Batteries
Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment
Regulation (EC) No 1907/2006 (REACH) concerning the registration, evaluation, authorization, and restriction of chemicals
ELV Directive 2000/53/EC as amended by Commission Delegated Directive (EU) 2023/544 on end-of life vehicles & regards the exemptions for the use of lead in aluminum alloys for machining purposes, in copper alloys and in certain batteries

The following harmonized standards and technical specifications have been applied:

UN 38.3 Rev.8-2023 Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8, 38.3
UN ECE Regulation No. 100 (R100.03) Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train

This declaration is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of:

Company Name: CALB Group Co., Ltd.

Authorized Representative (if applicable): N/A

Name: Xiang Zheng, Ph.D.

Position: Director of Strategy & Branding

Place of Issue: Changzhou, Jiangsu, P.R.C

Date of Issue: 2024. 11. 04

Signature:

▼Connectivity Assy

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง
กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
The Office of National Broadcasting and Telecommunications Commission

ใบรับรองเครื่องโทรคมนาคมและอุปกรณ์
(Approval Certificate for Telecommunication Equipment)

ที่ (No.) : B38687-25

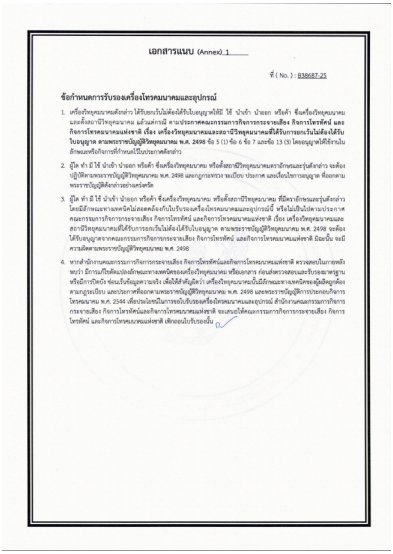
ใบรับรองนี้แสดงว่าเครื่องโทรคมนาคมและอุปกรณ์ดังรายละเอียดต่อไปนี้ได้ผ่านการตรวจสอบและรับรองมาตรฐานแล้ว โดยมีเงื่อนไขปรากฏตามรายละเอียดท้ายนี้จำนวน 2 ฉบับ

This is to certify that the telecommunication equipment appeared hereunder has been approved with condition(s) specified in 2 Annex(es).

ตรายี่ห้อ (Brand Name)	: MAZDA
รุ่น/แบบ (Model)	: CMAG2A2
ชนิด (Type of equipment)	: เคลื่อนที่
ประเภทเครื่องโทรคมนาคมและอุปกรณ์ (Product Description)	: Cellular Mobile (GSM/WCDMA/LTE Data Connectivity Unit)
ย่านความถี่วิทยุ (Frequency Range)	: Tx: See Annex(es) Rx: See Annex(es)
กำลังส่ง (Output Power)	: See Annex(es)
ผู้ผลิต (Manufacturer) และบริษัทในเครือประเทศอื่นๆ	: Megatronix(Beijing) Technology Co.,Ltd., P.R. China
ผู้ยื่นขอตรวจสอบและรับรอง (Applicant)	: บริษัท มิวเมน กอนซัลติ้ง จำกัด

ลงวันที่ 24 กันยายน 2568 (Date of Issue)

ลงชื่อ (Signature) (นายสโรพร สิลีสะอาด)
ผู้อำนวยการสำนักบริหารโทรคมนาคม
หมายเหตุ: ที่ตั้งและที่อยู่ของผู้ยื่นขอตรวจสอบและรับรอง



เอกสารแนบ (Annex) 1

ที่ (No.) : B38687-25

ข้อกำหนดการรับรองเครื่องโทรคมนาคมและอุปกรณ์

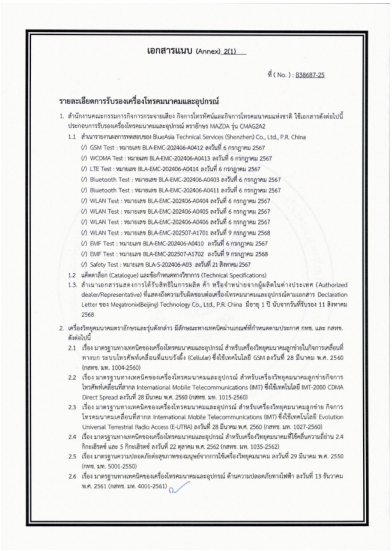
1. เครื่องวิทยุคมนาคมดังกล่าว ได้รับยกเว้นไม่ต้องได้รับใบอนุญาตให้มี ให้ นำเข้า นำออก หรือดำ ซึ่งเครื่องวิทยุคมนาคม และสิ่งอุปกรณ์วิทยุคมนาคม ตามประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง เครื่องวิทยุคมนาคมและสถานีวิทยุคมนาคมที่ได้รับการยกเว้นไม่ต้องได้รับใบอนุญาต ตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498 ข้อ 5 (1) ข้อ 6 ข้อ 7 และข้อ 13 (3) โดยอนุญาตให้ใช้งานในลักษณะหรือกิจการที่กำหนดไว้ในประกาศดังกล่าว

2. ผู้ใด ห้าม มิให้ นำเข้า นำออก หรือดำ ซึ่งเครื่องวิทยุคมนาคม หรือสิ่งสถานีวิทยุคมนาคมตราลักษณะและรุ่นดังกล่าว เว้นแต่จะปฏิบัติตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498 และกฎกระทรวง ระเบียบ ประกาศ และเงื่อนไขการอนุญาต ที่ออกตามพระราชบัญญัติดังกล่าวอย่างเคร่งครัด

3. ผู้ใด ห้าม มิให้ นำเข้า นำออก หรือดำ ซึ่งเครื่องวิทยุคมนาคม หรือสิ่งสถานีวิทยุคมนาคม ที่มีหมายลักษณะรุ่นดังกล่าว โดยมิได้รับหมายเลขหรือสัญลักษณ์เรียกขานดังกล่าวจากสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ ตามประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง เครื่องวิทยุคมนาคมและสถานีวิทยุคมนาคมที่ได้รับการยกเว้นไม่ต้องได้รับใบอนุญาต ตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498 ข้อ 6 ข้อ 7 และข้อ 13 (3) โดยอนุญาตให้ใช้งานในลักษณะหรือกิจการที่กำหนดไว้ในประกาศดังกล่าว ตามประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง เครื่องวิทยุคมนาคมและสถานีวิทยุคมนาคมที่ได้รับการยกเว้นไม่ต้องได้รับใบอนุญาต ตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498 ข้อ 6 ข้อ 7 และข้อ 13 (3) โดยอนุญาตให้ใช้งานในลักษณะหรือกิจการที่กำหนดไว้ในประกาศดังกล่าว และต้องปฏิบัติตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498 และกฎกระทรวง ระเบียบ ประกาศ และเงื่อนไขการอนุญาต ที่ออกตามพระราชบัญญัติดังกล่าวอย่างเคร่งครัด

4. หากสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์และกิจการโทรคมนาคมแห่งชาติ ตรวจสอบในภายหลังพบว่า มีการแก้ไขดัดแปลงลักษณะทางเทคนิคของเครื่องวิทยุคมนาคม หรือฉลาก ก่อนส่งตรวจสอบและรับรองมาตรฐาน หรือมีการปิดบัง ซ่อนเร้นข้อมูลความจริง เพื่อให้เข้าใจผิดว่าเครื่องวิทยุคมนาคมนี้มีลักษณะทางเทคนิคอยู่ในข้อกำหนดตามกฎระเบียบ และประกาศที่ออกตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498 และพระราชบัญญัติการประกอบกิจการโทรคมนาคม พ.ศ. 2544 เพื่อประโยชน์ในการขอรับใบรับรองเครื่องโทรคมนาคมและอุปกรณ์ สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์และกิจการโทรคมนาคมแห่งชาติ จะเพิกถอนใบอนุญาตการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เพิกถอนใบรับรองนี้

Declaration of Conformity

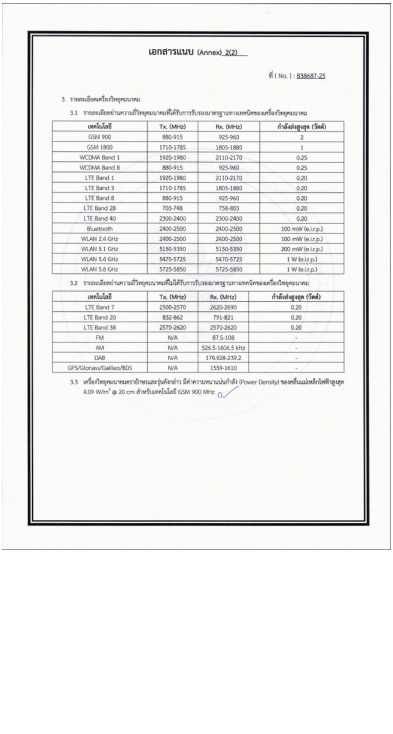


เอกสารแนบ (Annex) 2(1)

ที่ (No.) : B38687-25

รายละเอียดการรับรองเครื่องโทรคมนาคมและอุปกรณ์

1. สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์และกิจการโทรคมนาคมแห่งชาติ ใช้เอกสารตัดต่อไปนี้ ประกอบการรับรองเครื่องโทรคมนาคมและอุปกรณ์ ตราสักษร MAZDA รุ่น CMAG2A2
   1.1 สำนักงานทดสอบทดสอบของ BlueAsia Technical Services (Shenzhen) Co., Ltd., P.R. China
   (/) GSM Test : หมายเลข BLA-EMC-202406-A0412 ลงวันที่ 6 กรกฎาคม 2567
   (/) WCDMA Test : หมายเลข BLA-EMC-202406-A0413 ลงวันที่ 6 กรกฎาคม 2567
   (/) LTE Test : หมายเลข BLA-EMC-202406-A0414 ลงวันที่ 6 กรกฎาคม 2567
   (/) Bluetooth Test : หมายเลข BLA-EMC-202406-A0403 ลงวันที่ 6 กรกฎาคม 2567
   (/) Bluetooth Test : หมายเลข BLA-EMC-202406-A0411 ลงวันที่ 6 กรกฎาคม 2567
   (/) WLAN Test : หมายเลข BLA-EMC-202406-A0404 ลงวันที่ 6 กรกฎาคม 2567
   (/) WLAN Test : หมายเลข BLA-EMC-202406-A0405 ลงวันที่ 6 กรกฎาคม 2567
   (/) WLAN Test : หมายเลข BLA-EMC-202406-A0406 ลงวันที่ 6 กรกฎาคม 2567
   (/) WLAN Test : หมายเลข BLA-EMC-202507-A1701 ลงวันที่ 9 กรกฎาคม 2568
   (/) EMF Test : หมายเลข BLA-EMC-202406-A0410 ลงวันที่ 6 กรกฎาคม 2567
   (/) EMF Test : หมายเลข BLA-EMC-202507-A1702 ลงวันที่ 9 กรกฎาคม 2568
   (/) Safety Test : หมายเลข BLA-S-202406-A03 ลงวันที่ 21 สิงหาคม 2567
   1.2 แค็ตตาล็อก (Catalogue) และข้อกำหนดทางวิชาการ (Technical Specifications)
   1.3. สำนักงานเอกสารและสถาบันที่รับสิทธิในการแล้ว ค้า หรือจำหน่ายจากผู้ผลิตในต่างประเทศ (Authorized dealer/Representative) ที่แสดงถึงความรับผิดชอบต่อเครื่องโทรคมนาคมและอุปกรณ์ตามเอกสาร Declaration Letter ของ MegatronixBeijing) Technology Co., Ltd., P.R. China ลือทุ 1 ปี นับจากวันที่รับรอง 11 สิงหาคม 2568
2. เครื่องโทรคมนาคมตราสักษรและรุ่นดังกล่าว มีลักษณะทางเทคนิคผ่านเกณฑ์ที่กำหนดตามประกาศ กทช. และ กสทช. ดังต่อไปนี้
   2.1 เรื่อง มาตรฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ สำหรับเครื่องโทรคมนาคมลูกข่ายในกิจการเครื่องที่ทำงานบ ระบบโทรศัพท์เคลื่อนที่แบบรวิเดี้ย (Cellular) ซึ่งใช้เทคโนโลยี GSM ลงวันที่ 28 มีนาคม พ.ศ. 2540 (กสทช. มท. 1004-2560)
   2.2 เรื่อง มาตรฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ สำหรับเครื่องโทรคมนาคมลูกข่ายกิจการโทรศัพท์เคลื่อนที่สากล International Mobile Telecommunications (IMT) ซึ่งใช้เทคโนโลยี IMT-2000 CDMA Direct Spread ลงวันที่ 28 มีนาคม พ.ศ. 2560 (กสทช. มท. 1015-2560)
   2.3 เรื่อง มาตรฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ สำหรับเครื่องโทรคมนาคมลูกข่าย กิจการโทรคมนาคมเคลื่อนที่สากล International Mobile Telecommunications (IMT) ซึ่งใช้เทคโนโลยี Evolution Universal Terrestrial Radio Access (E-UTRA) ลงวันที่ 28 มีนาคม พ.ศ. 2560 (กสทช. มท. 1027-2560)
   2.4 เรื่อง มาตรฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ สำหรับเครื่องโทรคมนาคมที่ใช้คลื่นความถี่ย่าน 2.4 กิกะเฮิรตซ์ และ 5 กิกะเฮิรตซ์ ลงวันที่ 22 ตุลาคม พ.ศ. 2562 (กสทช. มท. 1035-2562)
   2.5 เรื่อง มาตรฐานความปลอดภัยต่อสุขภาพของมนุษย์จากการใช้เครื่องโทรคมนาคม ลงวันที่ 29 มีนาคม พ.ศ. 2550 (กสท. มท. 5001-2550)
   2.6 เรื่อง มาตรฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ ด้านความปลอดภัยทางไฟฟ้า ลงวันที่ 13 ธันวาคม พ.ศ. 2561 (กสทช. มท. 4001-2561)



เอกสารแนบ (Annex) 2(2)

ที่ (No.) : B38687-25

3. รายละเอียดเครื่องโทรคมนาคม
   3.1 รายละเอียดด้านความถี่วิทยุคมนาคมที่ได้รับการรับรองมาตรฐานทางเทคนิคของเครื่องโทรคมนาคม

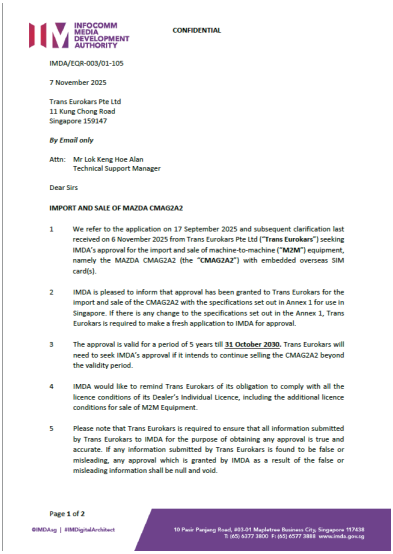
เทคโนโลยี	Tx. (MHz)	Rx. (MHz)	กำลังส่งสูงสุด (วัตต์)
GSM 900	880-915	925-960	2
GSM 1800	1710-1785	1805-1880	1
WCDMA Band 1	1920-1980	2110-2170	0.25
WCDMA Band 8	880-915	925-960	0.25
LTE Band 1	1920-1980	2110-2170	0.20
LTE Band 3	1710-1785	1805-1880	0.20
LTE Band 8	880-915	925-960	0.20
LTE Band 28	703-748	758-803	0.20
LTE Band 40	2300-2400	2300-2400	0.20
Bluetooth	2400-2500	2400-2500	100 mW (e.i.r.p.)
WLAN 2.4 GHz	2400-2500	2400-2500	100 mW (e.i.r.p.)
WLAN 5.1 GHz	5150-5350	5150-5350	200 mW (e.i.r.p.)
WLAN 5.6 GHz	5470-5725	5470-5725	1 W (e.i.r.p.)
WLAN 5.8 GHz	5725-5850	5725-5850	1 W (e.i.r.p.)

   3.2 รายละเอียดด้านความถี่วิทยุคมนาคมที่ไม่ได้รับการรับรองมาตรฐานทางเทคนิคของเครื่องโทรคมนาคม

เทคโนโลยี	Tx. (MHz)	Rx. (MHz)	กำลังส่งสูงสุด (วัตต์)
LTE Band 7	2500-2570	2620-2690	0.20
LTE Band 20	832-862	791-821	0.20
LTE Band 38	2570-2620	2570-2620	0.20
FM	N/A	87.5-108	-
AM	N/A	526.5-1606.5 kHz	-
DAB	N/A	174.928-239.2	-
GPS/Glonass/Galileo/BDS	N/A	1559-1610	-

   3.3 เครื่องโทรคมนาคมตราสักษรและรุ่นดังกล่าว มีค่าความหนาแน่นกำลัง (Power Density) ของพื้นแม่เหล็กไฟฟ้าสูงสุด 4.09 W/m² @ 20 cm สำหรับเทคโนโลยี GSM 900 MHz

Singapore:



INFOCOMM MEDIA DEVELOPMENT AUTHORITY

CONFIDENTIAL

IMDA/EQR-003/01-105

7 November 2025

Trans Eurokars Pte Ltd
11 Kung Chong Road
Singapore 159147

By Email only

Attn: Mr Lok Keng Hoe Alan
Technical Support Manager

Dear Sirs

IMPORT AND SALE OF MAZDA CMAG2A2

1 We refer to the application on 17 September 2025 and subsequent clarification last received on 6 November 2025 from Trans Eurokars Pte Ltd ("**Trans Eurokars**") seeking IMDA's approval for the import and sale of machine-to-machine ("**M2M**") equipment, namely the MAZDA CMAG2A2 (the "**CMAG2A2**") with embedded overseas SIM card(s).

2 IMDA is pleased to inform that approval has been granted to Trans Eurokars for the import and sale of the CMAG2A2 with the specifications set out in Annex 1 for use in Singapore. If there is any change to the specifications set out in the Annex 1, Trans Eurokars is required to make a fresh application to IMDA for approval.

3 The approval is valid for a period of 5 years till **31 October 2030**. Trans Eurokars will need to seek IMDA's approval if it intends to continue selling the CMAG2A2 beyond the validity period.

4 IMDA would like to remind Trans Eurokars of its obligation to comply with all the licence conditions of its Dealer's Individual Licence, including the additional licence conditions for sale of M2M Equipment.

5 Please note that Trans Eurokars is required to ensure that all information submitted by Trans Eurokars to IMDA for the purpose of obtaining any approval is true and accurate. If any information submitted by Trans Eurokars is found to be false or misleading, any approval which is granted by IMDA as a result of the false or misleading information shall be null and void.

Page 1 of 2

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10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438
T: (65) 6377 3800 F: (65) 6577 3888 www.imda.gov.sg

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6 For the avoidance of doubt, where IMDA grants any approval for the importation for local sale of any M2M equipment, this shall not be construed as an IMDA guarantee for the proper functioning, performance or quality of the equipment. Suppliers must ensure that the equipment inter-works properly with the public telecommunication network. IMDA shall not be liable for any interference caused to any other equipment, injury, loss of life and/or damages to property whatsoever, whether as the direct or indirect result of the use of any such M2M equipment.

7 Please acknowledge receipt by signing on the acknowledgement portion of this letter and returning the same to our office.

8 If you have further queries, please email equipment_reg_dealers@imda.gov.sg.

Yours faithfully

Eileen Boo (Ms)
Assistant Director, Licensing

This is a computer-generated letter.
No signature is required.

Encl./

Page 2 of 2

Declaration of Conformity

INFOCOMM MEDIA DEVELOPMENT AUTHORITY

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Annex 1

Brand/Trade Name	:	MAZDA
Model No.	:	CMAG2A2 (c/w Quectel AG35-E)
Equipment Description	:	Connectivity Assy
Frequency Range (Tx/Rx)	:	703 – 748 MHz / 758 – 803 MHz 880 – 915 MHz / 925 – 960 MHz 1710 – 1785 MHz / 1805 – 1880 MHz 1920 – 1980 MHz / 2110 – 2170 MHz 2500 – 2570 MHz / 2620 – 2690 MHz 2300 - 2400 MHz (TDD) 2570 - 2620 MHz (TDD) 2402 – 2480 MHz, 2400 – 2483.5 MHz 5150 - 5350 MHz, 5470 - 5725 MHz 5725 - 5850 MHz
RF Output Power	:	23 dBm (LTE B1,3,7,8,28,38,40) 2.85 dBm (BT) <= 23 dBm (2.4 GHz and 5.2 GHz WLAN) <= 30 dBm (5.4 GHz and 5.8 GHz WLAN
Technical Specification	:	IMDA TS CMT and IMDA TS SRD
Overseas SIM Card Provider	:	Vodafone
M2M Service Provider	:	Vodafone Enterprise Singapore Pte Ltd

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Purpose of use	:	(1) OTA (Chang'an Cloud), such as Vehicle VIN, ECU Software Version after updating for Vehicle ECU Software upgrade. (2) Account (Chang'an Cloud), Remote Vehicle Control (Chang'an Cloud), such as Vehicle Motion Technical Data, Vehicle condition data, User usage behavior data etc., for Remote Control Service function. (3) Voice (Meijia Cloud), Navigation (Taiwei Cloud), such as User's voice record/original speak after wakeup, Identification Code (VehicleID).

Malaysia:



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RGWQ/50B/1125/S(25-6055)

Application Number: SQAS/TA/25/6055

This certificate is granted to

BERMAZ MOTOR TRADING SDN. BHD.

NO 7, JALAN PELUKIS U1/46 TEMASYA INDUSTRIAL PARK SEKSYEN U1, 40150 S.ALAM, SELANGOR

It is hereby certified that

MODEL: CMAG2A2

MARKETING NAME: CMAG2A2

BRAND: MAZDA

For device category

CAR INFOTAINMENT (HYBRID AUTOMOTIVE)

Product Features:

LTE [B20 (820), B03 (B6), 1800 (B5), 2100 (B1), 2300 (B40), 2600 (B7), 2600 (B38)]
GSM [900, 1800]
IPv6 [RFC 8200]
WLAN [802.11b/g/n, 2400 MHz - 2483.5 MHz; 802.11a/n/ac 5150 MHz - 5350 MHz; 5725 MHz - 5875 MHz]
Bluetooth [2400 MHz - 2483.5 MHz]

Approval Date: 24 November 2025 **Expiry Date:** 23 November 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.

Certificate Number: 224575

Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED ACB 001

SIRIM QAS International Sdn. Bhd. (Company No. 410134-X) 1, Persiaran Dato' Menteri Section 2, P.O Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603-5544 6400 Fax: 603-5544 6610

Page 1 of 2



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RGWQ/50B/1125/S(25-6055)

Application Number: SQAS/TA/25/6055

MODEL: CMAG2A2

MARKETING NAME: CMAG2A2

BRAND: MAZDA

Consists: 1 SIM, 1 IMEI

Complies to

TECHNICAL CODE

MCMC MTSFB TC T015:2022

MCMC MTSFB TC T013:2019

TECHNICAL SPECIFICATION

SKAM WTS GSM-MT REV. 1.01:2007

Approval Date: 24 November 2025 **Expiry Date:** 23 November 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.

Certificate Number: 224575

Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

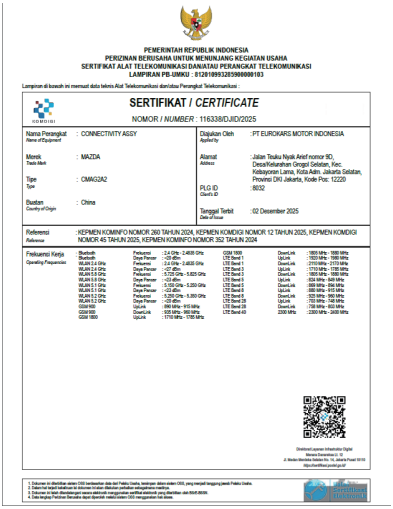
STANDARDS MALAYSIA ACCREDITED ACB 001

SIRIM QAS International Sdn. Bhd. (Company No. 410134-X) 1, Persiaran Dato' Menteri Section 2, P.O Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603-5544 6400 Fax: 603-5544 6610

Page 2 of 2

Declaration of Conformity

Indonesia:



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-UMKU : 0120109323059000103

Lampiran di bawah ini memuat data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi

KOMDIGI

SERTIFIKAT / *CERTIFICATE*

NOMOR / *NUMBER* : 116338/DJID/2025

Nama Perangkat *Name of Equipment*	: CONNECTIVITY ASSY	Diajukan Oleh *Applied by*	: PT EUROKARS MOTOR INDONESIA
Merek *Trade Mark*	: MAZDA	Alamat *Address*	: Jalan Teuku Nyak Arief nomor 9D, Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta, Kode Pos: 12220
Tipe *Type*	: CMAG3A2	PLG ID *Client's ID*	: 8032
Buatan *Country of Origin*	: China	Tanggal Terbit *Date of Issue*	: 02 Desember 2025

Referensi *Reference*	: KEPMEN KOMINFO NOMOR 260 TAHUN 2024, KEPMEN KOMDIGI NOMOR 12 TAHUN 2025, KEPMEN KOMDIGI NOMOR 45 TAHUN 2025, KEPMEN KOMINFO NOMOR 352 TAHUN 2024

Frekuensi Kerja *Operating Frequencies*	Bluetooth	Perkuasi	: 2.4 GHz - 2.4835 GHz	GSM 1800	DownLink	: 1805 MHz - 1880 MHz
	Bluetooth	Daya Pancar	: -20 dBm	LTE Band 1	UpLink	: 1920 MHz - 1980 MHz
	WLAN 2.4 GHz	Perkuasi	: 2.4 GHz - 2.4835 GHz	LTE Band 1	DownLink	: 2110 MHz - 2170 MHz
	WLAN 2.4 GHz	Daya Pancar	: -27 dBm	LTE Band 3	UpLink	: 1710 MHz - 1785 MHz
	WLAN 5.0 GHz	Perkuasi	: 5.725 GHz - 5.825 GHz	LTE Band 3	DownLink	: 1805 MHz - 1880 MHz
	WLAN 5.0 GHz	Daya Pancar	: -23 dBm	LTE Band 3	UpLink	: 1710 MHz - 1785 MHz
	WLAN 5.1 GHz	Perkuasi	: 5.150 GHz - 5.250 GHz	LTE Band 5	DownLink	: 869 MHz - 894 MHz
	WLAN 5.1 GHz	Daya Pancar	: -23 dBm	LTE Band 5	UpLink	: 880 MHz - 915 MHz
	WLAN 5.2 GHz	Perkuasi	: 5.250 GHz - 5.350 GHz	LTE Band 8	DownLink	: 925 MHz - 960 MHz
	WLAN 5.2 GHz	Daya Pancar	: -23 dBm	LTE Band 28	UpLink	: 703 MHz - 748 MHz
	GSM 900	UpLink	: 880 MHz - 915 MHz	LTE Band 28	DownLink	: 758 MHz - 803 MHz
	GSM 900	DownLink	: 935 MHz - 960 MHz	LTE Band 40	2300 MHz	: 2300 MHz - 2400 MHz
	GSM 1800	UpLink	: 1710 MHz - 1785 MHz			

Direktorat Layanan Infrastruktur Digital
Menara Cemerlang Lt. 10
Jl. Medan Merdeka Selatan No. 10, Jakarta Pusat 10110
https://sertifikat.postel.go.id/

1. Dokumen ini diterbitkan sebelum OSS berdasarkan data dari Pelaku Usaha, kesimpan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dokumen ini tidak dikeluarkan ini dapat dibatalkan jika dikemudian hari terdapat kesalahan pemberian.
3. Dokumen ini tidak dikeluarkan ini dapat dibatalkan jika dikemudian hari terdapat kesalahan pemberian dan KEMENTERIAN.
4. Data tanggal Perkuasi Berusaha dapat dipantah melalui sistem OSS menggunakan risk-based.

Hong Kong:

intertek
Total Quality. Assured.

Date: 01 Sep 2025

Megatronix(Beijing) Technology Co.,Ltd
Room 1101, 11th Floor, Building 6, No.34 Courtyard Chuangyuan Road, Chaoyang District, Beijing, China

Attn: Wang Rui

Dear Wang Rui,

Type Approval / Conformance of Equipment
2.4 / 5 GHz Wireless LAN Equipment;
Radio Equipment Exempted from Licensing
MAZDA CMAG2A2

I am pleased to inform you that the above equipment is found to comply with the technical standards laid down by the Communications Authority. The LCB equipment certification arrangement is referred to OFCA LCB Scheme. The LCB Scheme is a Type 1a product certification scheme in accordance with ISO/IEC 17067:2013.

I enclose the Certificate of Type Approval/Conformance of the equipment for your retention.

For your information, Telecommunications Apparatus, which has been certified by the Local Certification Body, is eligible to be affixed with a label for consumers' information. You are encouraged to affix the label on the equipment or its package before putting it to the market.

Please refer to Attachment 1 for the format of the label.

Yours sincerely,

Digitally signed by Ho Wai Kin, Ben
DN: C=CN, O=Intertek Testing Services Hong Kong Ltd.

Ho Wai Kin, Ben
Senior Technical Supervisor

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong SAR, China.
Tel: (852) 2173 8888 Fax: (852) 2785 5457 Website: http://www.intertek.com

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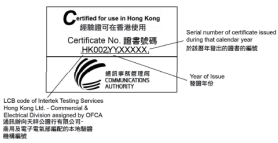
Attachment 1 - Label Format



The Certificate No. assigned for MAZDA CMAG2A2 will be:

HK002250116.

Notes:
1) For detailed requirement on the label formats, please refer to HKCA 3211 - Standardisation Guide for Labelling of Telecommunications Equipment.
2) The label template can be obtained from http://www.intertek.com.hk/electronics/lcb/.

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong SAR, China.
Tel: (852) 2173 8888 Fax: (852) 2785 5457 Website: http://www.intertek.com

Declaration of Conformity



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Certificate of Type Approval

This is to certify that the equipment below has been evaluated and found to comply with the HKCA 1039 (Issue 7) performance specification(s) issued by the Communications Authority under Scheme on Certification of Telecommunications Equipment and Industrial, Scientific and Medical (ISM) Equipment by the Local Certification Bodies ("LCB Scheme") (OFCA I 426(22) Issue 5, April 2022)

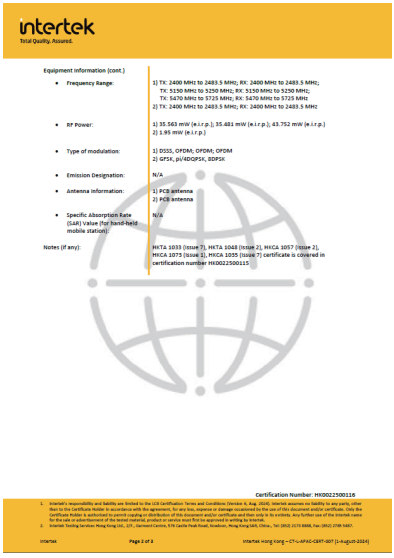
Name & Address of Certificate Holder:	Megatronic(Beijing) Technology Co.,Ltd Room 1101, 11th Floor, Building 6, No.34 Courtyard Chuangyuan Road, Chaoyang District, Beijing, China
Name & Address of Manufacturer:	Megatronic(Beijing) Technology Co.,Ltd Room 1101, 11th Floor, Building 6, No.34 Courtyard Chuangyuan Road, Chaoyang District, Beijing, China
Equipment information	
• Type of Equipment:	1) 2.4 / 5 GHz Wireless LAN Equipment 2) Radio Equipment Exempted from Licensing
• Brand name:	MAZDA
• Model number:	CMAG2A2
• Trade name:	CONNECTIVITY A557
HKCA Specification/ Issue date:	HKCA 1039 Issue 7 (August 2024)
Certification issuing Office Name & Address:	Intertek Testing Services Hong Kong Ltd. 2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong SAR, China.
Certification Number:	HK0022500116
File Reference Number:	HK25079412

Equipment information and conditions of certificate can be found on page 2 & 3.

Digitally signed by Ho Wai Kin, Ben
Location: Intertek Testing Services Hong Kong Ltd.

Signature
Name: Ho Wai Kin, Ben
Position: Senior Technical Supervisor
Date: 01 Sep 2025

1. Intertek's responsibility and liability are limited to the LCB Certification Terms and Conditions (Version 6, Aug. 2024). Intertek assumes no liability to any party, other than to the Certificate Holder in accordance with the agreement, for any loss, expense or damage occasioned by the use of this document and/or certificate. Only the Certificate Holder is authorized to permit copying or distribution of this document and/or certificate and then only in its entirety. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.
2. Intertek Testing Services Hong Kong Ltd., 2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong SAR, China., Tel: (852) 2173 8888, Fax: (852) 2788 5487.



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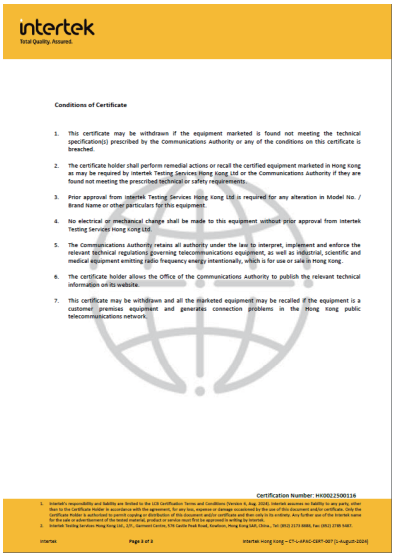
Equipment information (cont.)

• Frequency Range:	1) TX: 2400 MHz to 2483.5 MHz; RX: 2400 MHz to 2483.5 MHz; TX: 5150 MHz to 5250 MHz; RX: 5150 MHz to 5250 MHz; TX: 5470 MHz to 5725 MHz; RX: 5470 MHz to 5725 MHz 2) TX: 2400 MHz to 2483.5 MHz; RX: 2400 MHz to 2483.5 MHz
• RF Power:	1) 35.563 mW (e.i.r.p.); 35.481 mW (e.i.r.p.); 43.752 mW (e.i.r.p.) 2) 1.95 mW (e.i.r.p.)
• Type of modulation:	1) DSSS, OFDM; OFDM; OFDM 2) GFSK, pi/4DQPSK, 8DPSK
• Emission Designation:	N/A
• Antenna information:	1) PCB antenna 2) PCB antenna
• Specific Absorption Rate (SAR) value (for hand-held mobile station):	N/A
Notes (if any):	HKTA 1033 (Issue 7), HKTA 1048 (Issue 2), HKCA 1057 (Issue 2), HKCA 1073 (Issue 2), HKCA 1055 (Issue 7) certificate is covered in certification number HK0022500115

Certification Number: HK0022500116

1. Intertek's responsibility and liability are limited to the LCB Certification Terms and Conditions (Version 6, Aug. 2024). Intertek assumes no liability to any party, other than to the Certificate Holder in accordance with the agreement, for any loss, expense or damage occasioned by the use of this document and/or certificate. Only the Certificate Holder is authorized to permit copying or distribution of this document and/or certificate and then only in its entirety. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.
2. Intertek Testing Services Hong Kong Ltd., 2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong SAR, China., Tel: (852) 2173 8888, Fax: (852) 2788 5487.



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Conditions of Certificate

1. This certificate may be withdrawn if the equipment marketed is found not meeting the technical specification(s) prescribed by the Communications Authority or any of the conditions on this certificate is breached.
2. The certificate holder shall perform remedial actions or recall the certified equipment marketed in Hong Kong as may be required by Intertek Testing Services Hong Kong Ltd or the Communications Authority if they are found not meeting the prescribed technical or safety requirements.
3. Prior approval from Intertek Testing Services Hong Kong Ltd is required for any alteration in Model No. / Brand Name or other particulars for this equipment.
4. No electrical or mechanical change shall be made to this equipment without prior approval from Intertek Testing Services Hong Kong Ltd.
5. The Communications Authority retains all authority under the law to interpret, implement and enforce the relevant technical regulations governing telecommunications equipment, as well as industrial, scientific and medical equipment emitting radio frequency energy intentionally, which is for use or sale in Hong Kong.
6. The certificate holder allows the Office of the Communications Authority to publish the relevant technical information on its website.
7. This certificate may be withdrawn and all the marketed equipment may be recalled if the equipment is a customer premises equipment and generates connection problems in the Hong Kong public telecommunications network.

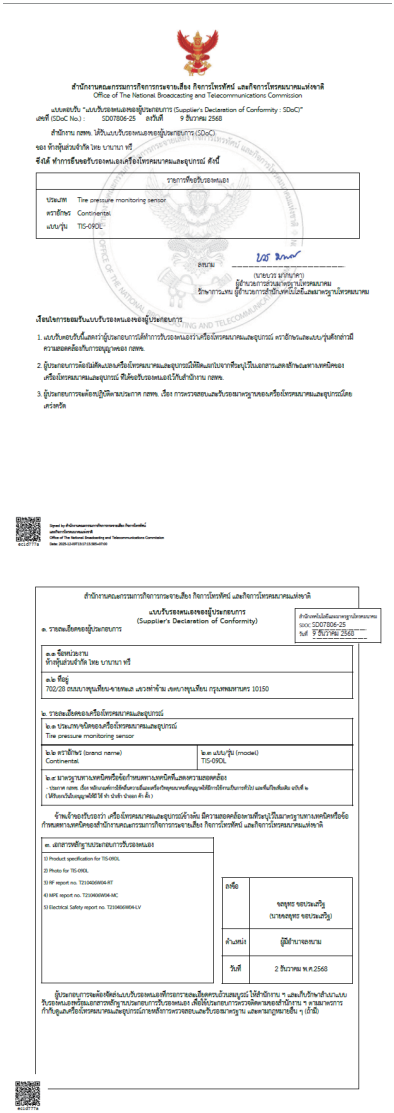
Certification Number: HK0022500116

1. Intertek's responsibility and liability are limited to the LCS Certification Terms and Conditions (Version 6, Aug. 2024). Intertek assumes no liability to any party, other than to the Certificate Holder in accordance with the agreement, for any loss, expense or damage occurrence by the use of this document and/or certificate. Only the Certificate Holder is authorized to permit copying or distribution of this document and/or certificate and then only in its entirety. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.
2. Intertek Testing Services Hong Kong Ltd., 17/F, Harmony Centre, 978 Castle Peak Road, Kowloon, Hong Kong SAR, China., Tel: (852) 2173 8888, Fax: (852) 2798 5487.

Declaration of Conformity

▼Tyre Pressure Monitoring System (TPMS)

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission

แบบหลักปี "แบบรับรองตนเองของผู้ประกอบการ (Supplier's Declaration of Conformity : SDoC)"
เลขที่ (SDoC No.) : SD07806-25 ลงวันที่ 9 มีนาคม 2568

สำนักงาน กสทช. ได้รับแบบรับรองตนเองของผู้ประกอบการ (SDoC)

ของ บริษัทผู้แทนจำหน่าย ไทย บางนา พรี

ซึ่งได้ ทำการยื่นขอรับรองตนเองเครื่องโทรคมนาคมและอุปกรณ์ ดังนี้

รายการที่ขอรับรองตนเอง
ประเภท Tire pressure monitoring sensor ยี่ห้อการค้า Continental แบบรุ่น TIS-09DL

ลงนาม _____
(นายบวร มาลัยทอง)
ผู้อำนวยการสำนักงานคณะกรรมการ กสทช.
รักษาการแทน ผู้อำนวยการสำนักงานคณะกรรมการโทรคมนาคม

เงื่อนไขการออกใบรับรองตนเองของผู้ประกอบการ

1. แบบรับรองตนเองฉบับนี้แสดงว่าผู้ประกอบการได้ทำการรับรองตนเองว่าเครื่องโทรคมนาคมและอุปกรณ์ ดังกล่าวมีลักษณะและรุ่นที่ระบุข้างต้นมีความสอดคล้องกับการกฎหมาย กสทช.
2. ผู้ประกอบการต้องไม่ดัดแปลงเครื่องโทรคมนาคมและอุปกรณ์ที่ได้ผ่านการรับรองตนเองไปแล้วจากที่ระบุไว้ในเอกสารแสดงลักษณะทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ ที่ได้ยื่นขอรับรองตนเองไว้กับสำนักงาน กสทช.
3. ผู้ประกอบการจะต้องปฏิบัติตามประกาศ กสทช. เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์ฉบับล่าสุด

สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

แบบรับรองตนเองของผู้ประกอบการ
(Supplier's Declaration of Conformity)

สำนักงานได้เลื่อนมาตรฐานโทรคมนาคม
ของ SD07806-25
ในที่ 9 มีนาคม 2568

๑. รายละเอียดของผู้ประกอบการ

๑.๑ ชื่อหน่วยงาน
บริษัทผู้แทนจำหน่าย ไทย บางนา พรี

๑.๒ ที่อยู่
702/28 ถนนบรมราชชนนี แขวงฉิมพลี เขตตลิ่งชัน กรุงเทพมหานคร 10150

๒. รายละเอียดของเครื่องโทรคมนาคมและอุปกรณ์

๒.๑ ประเภทของเครื่องโทรคมนาคมและอุปกรณ์
Tire pressure monitoring sensor

๒.๒ ตราสินค้า (brand name)	๒.๓ แบบ/รุ่น (model)
Continental	TIS-09DL

๒.๔ มาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคที่แสดงความสอดคล้อง
(ระบุชื่อ เลข หมายเลข หรือข้อกำหนดอื่นที่ชัดเจนเพื่อระบุมาตรฐานทางเทคนิคที่ระบุอย่างชัดเจน เช่น ชื่อ หมายเลข หรือข้อกำหนดอื่นที่ชัดเจนเพื่อระบุมาตรฐานทางเทคนิคที่ระบุอย่างชัดเจน เช่น ETSI EN 300 328 V2.2.2 (2019-07) ในกรณีที่มีมากกว่าหนึ่งมาตรฐานให้ใช้ 1 แถว ต่อ 1 มาตรฐาน)

ข้าพเจ้าขอยืนยันว่า เครื่องโทรคมนาคมและอุปกรณ์ข้างต้น มีความสอดคล้องตามที่ระบุไว้ในมาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคของสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

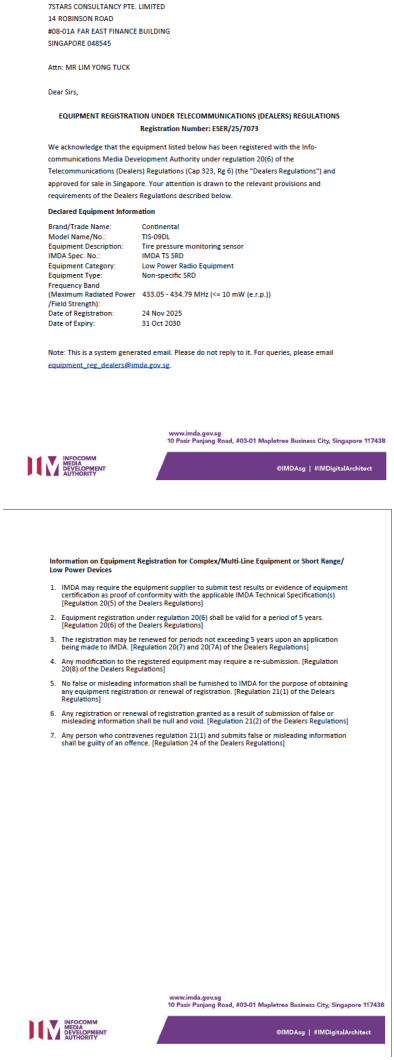
๓. เอกสารหรือฐานประกอบการรับรองตนเอง

1) Product specification for TIS-09DL
2) Photo for TIS-09DL
3) RF report no. T210406W04-RT
4) MPE report no. T210406W04-MC
5) Electrical Safety report no. T210406W04-LV

ลงชื่อ	ระบุชื่อ ระบบ/ตำแหน่ง (บางองค์กร ระบบ/ตำแหน่ง)
ตำแหน่ง	ผู้มีอำนาจลงนาม
วันที่	2 กันยายน พ.ศ.2568

ผู้ประกอบการจะต้องจัดส่งแบบรับรองตนเองที่ออกระดับเลขหมายถัดไปยังสำนักงาน ฯ และแจ้งสำนักงานว่าแบบรับรองตนเองที่ระบุเอกสารหรือฐานประกอบการรับรองตนเอง เพื่อให้ประกอบการตรวจพิสูจน์ของสำนักงาน ฯ สามารถการกำหนดเครื่องโทรคมนาคมและอุปกรณ์ภายหลังการตรวจสอบและรับรองมาตรฐาน และหลักฐานอื่น ๆ (ถ้ามี)

Singapore:



7STARS CONSULTANCY PTE. LIMITED
14 ROBINSON ROAD
#08-01A FAR EAST FINANCE BUILDING
SINGAPORE 048545

Attn: MR LIM YONG TUCK

Dear Sirs,

EQUIPMENT REGISTRATION UNDER TELECOMMUNICATIONS (DEALERS) REGULATIONS
Registration Number: ESER/25/7073

We acknowledge that the equipment listed below has been registered with the Info-communications Media Development Authority under regulation 20(6) of the Telecommunications (Dealers) Regulations (Cap 323, Rg 6) (the "Dealers Regulations") and approved for sale in Singapore. Your attention is drawn to the relevant provisions and requirements of the Dealers Regulations described below.

Declared Equipment Information

Brand/Trade Name:	Continental
Model Name/No.:	TIS-09DL
Equipment Description:	Tire pressure monitoring sensor
IMDA Spec. No.:	IMDA TS SRD
Equipment Category:	Low Power Radio Equipment
Equipment Type:	Non-specific SRD
Frequency Band (Maximum Radiated Power /Field Strength):	433.05 - 434.79 MHz (<= 10 mW (e.r.p.))
Date of Registration:	24 Nov 2025
Date of Expiry:	31 Oct 2030

Note: This is a system generated email. Please do not reply to it. For queries, please email equipment_reg_dealers@imda.gov.sg.

www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

INFOCOMM MEDIA DEVELOPMENT AUTHORITY

@IMDAsg | #IMDigitalArchitect

Information on Equipment Registration for Complex/Multi-Line Equipment or Short Range/ Low Power Devices

1. IMDA may require the equipment supplier to submit test results or evidence of equipment certification as proof of conformity with the applicable IMDA Technical Specification(s) [Regulation 20(5) of the Dealers Regulations]
2. Equipment registration under regulation 20(6) shall be valid for a period of 5 years. [Regulation 20(6) of the Dealers Regulations]
3. The registration may be renewed for periods not exceeding 5 years upon an application being made to IMDA. [Regulation 20(7) and 20(7A) of the Dealers Regulations]
4. Any modification to the registered equipment may require a re-submission. [Regulation 20(8) of the Dealers Regulations]
5. No false or misleading information shall be furnished to IMDA for the purpose of obtaining any equipment registration or renewal of registration. [Regulation 21(1) of the Delears Regulations]
6. Any registration or renewal of registration granted as a result of submission of false or misleading information shall be null and void. [Regulation 21(2) of the Dealers Regulations]
7. Any person who contravenes regulation 21(1) and submits false or misleading information shall be guilty of an offence. [Regulation 24 of the Dealers Regulations]

www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

INFOCOMM MEDIA DEVELOPMENT AUTHORITY

@IMDAsg | #IMDigitalArchitect

Declaration of Conformity

Indonesia:

PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
PB UMKU: 8120109932859000000106

Berdasarkan Undang-Undang Nomor 6 Tahun 2023 tentang Penetapan Peraturan Pemerintah Penggantii Undang-Undang Nomor 2 Tahun 2022 tentang Cipta Kerja Menjadi Undang-Undang, Pemerintah Republik Indonesia menerbitkan Perizinan Berusaha Untuk Menunjang Kegiatan Usaha (PB/UMKU) yang merupakan Sertifikat Alat Telekomunikasi dan/atau Perangkat Telekomunikasi kepada pelaku Usaha berikut ini:

Nama Pelaku Usaha	: PT EUROKARS MOTOR INDONESIA
Nomor Induk Berusaha (NIB)	: 8120109932859
Alamat Kantor	: Jalan Teuku Nyak Arief nomor 9D, Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta Kode Pos: 12220
Status Penanaman Modal	: Penanaman Modal Asing (PMA)
Nomor Telepon	: 02127932838
Kode Klasifikasi Baku Lapangan Usaha Indonesia (KBLI)	: 45101 - Perdagangan Besar Mobil Baru
Lokasi Usaha	: Jalan Teuku Nyak Arief No. 9D Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta Kode Pos: 12220

Telah Memenuhi Persyaratan:

Lampiran Perizinan Berusaha Untuk Menunjang Kegiatan Usaha ini memuat data teknis yang merupakan bagian tidak terpisahkan dari dokumen ini. Pelaku Usaha tersebut di atas wajib menjalankan kegiatan usahanya sesuai dengan ketentuan peraturan perundang-undangan.

Diterbitkan di Jakarta, tanggal: 14 Januari 2026

a.n. Menteri Komunikasi dan Digital
Menteri Investasi dan Hilirisasi/
Kepala Badan Koordinasi Penanaman Modal,

Ditandatangani secara elektronik

1. *Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tersimpan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.*
2. *Dalam hal terjadi ketentuan ini dokumen ini atau dilakukan pertahan sebagaimana mestinya.*
3. *Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSrE-BSSN.*
4. *Data lengkap Perizinan berusaha dapat diperoleh melalui sistem OSS menggunakan hak aksesi.*

Bukti Sertifikasi Elektronik

PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-UMKU : 8120109932859000000106

Lampiran di bawah ini memuat data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

KOMINFO

SERTIFIKAT / *CERTIFICATE*

NOMOR / *NUMBER* : 117596/DJID/2026

Nama Perangkat *Name of Equipment*	: Tire pressure monitoring sensor	Diajukan Oleh *Applied by*	: PT EUROKARS MOTOR INDONESIA
Merek *Trade Mark*	: Continental	Alamat *Address*	: Jalan Teuku Nyak Arief nomor 9D, Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta, Kode Pos: 12220
Tipe *Type*	: TIS-09DL	PLG ID *Client's ID*	: 8032
Buatan *Country of Origin*	: China	Tanggal Terbit *Date of Issue*	: 14 Januari 2026
Referensi *Reference*	: KEPMEN KOMINFO NOMOR 260 TAHUN 2024		
Frekuensi Kerja *Operating Frequencies*	Low Power Low Power	Perkuensi Daya Pancar	: 433.05 MHz - 434.79 MHz : < 10 mWatt

Dokumen Layanan Infrastruktur Digital
Kementerian Komunikasi Dan Digital
Jl. Medan Merdeka Selatan No. 14, Jakarta Pusat 10110
https://sertifikat.pusat.go.id/

1. Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tersimpan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dalam hal terjadi ketentuan ini dokumen ini atau dilakukan pertahan sebagaimana mestinya.
3. Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSrE-BSSN.
4. Data lengkap Perizinan berusaha dapat diperoleh melalui sistem OSS menggunakan hak aksesi.

Bukti Sertifikasi Elektronik

Malaysia:



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RAQP/71B/1225/S(25-6626)

Application Number: SQAS/TA/25/6626

This certificate is granted to

BERMAZ MOTOR TRADING SDN. BHD.

NO 7, JALAN PELUKIS U1/46 TEMASYA INDUSTRIAL PARK SEKSYEN U1 40150 S.ALAM, SELANGOR

It is hereby certified that

MODEL: TIS-09DL
MARKETING NAME: TIS-09DL
BRAND: Continental

For device category

TIRE PRESSURE MONITORING SYSTEM (HYBRID AUTOMOTIVE)

Product Features:
Frequency [433 MHz - 435 MHz]

Approval Date: 02 December 2025 Expiry Date: 01 December 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.

Certificate Number: 225166

Ts. Md. Adha bin Kabri @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED ACB 001

SIRIM QAS International Sdn. Bhd. (Company No. 410594-U) 1, Persiaran Dato' Menteri Section 2, P.O Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603 5544 6400 Fax: 603 5544 6610

Page 1 of 2



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RAQP/71B/1225/S(25-6626)

Application Number: SQAS/TA/25/6626

MODEL: TIS-09DL
MARKETING NAME: TIS-09DL
BRAND: Continental

Complies to

TECHNICAL CODE
MCMC MTSFB TC T007:2020

Approval Date: 02 December 2025 Expiry Date: 01 December 2030

This device has been granted Type Approval for its communication and wireless features pursuant to the Communications and Multimedia Act 1998 and the Technical Standards Regulations 2000. Compliance with all other applicable Malaysian regulations is mandatory, where relevant.

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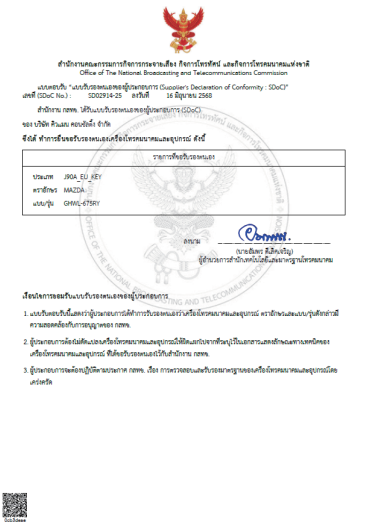
Telephone: 603 5544 6400 Fax: 603 5544 6610

Page 2 of 2

Declaration of Conformity

▼Remote Control Key

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission

แบบคอบปี "แบบรับรองคนเองของผู้ประกอบการ (Supplier's Declaration of Conformity : SDoC)"
เลขที่ (SDoC No.) : SD02914-25 ลงวันที่ 16 มิถุนายน 2568

สำนักงาน กสทช. ได้รับแบบรับรองคนเองของผู้ประกอบการ (SDoC)

ของ บริษัท ศิวเมย คอนซัลติ้ง จำกัด

ซึ่งได้ ทำการยื่นขอรับรองคนเองเครื่องโทรคมนาคมและอุปกรณ์ ดังนี้

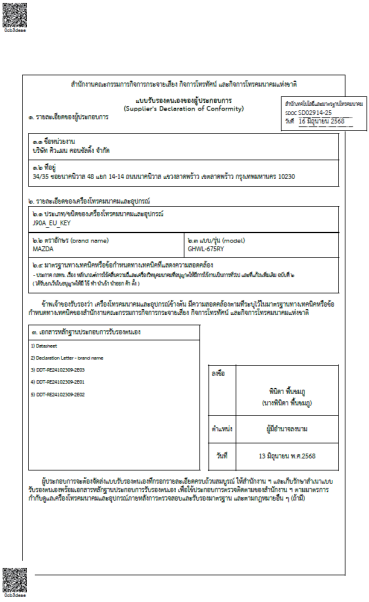
รายการที่ขอรับรองคนเอง
ประเภท JIGA_EU_KEY ตราสัญญา MAZDA แบบ/รุ่น GHWL-675RY

ลงนาม _____
(นายพิมพ์ ลิมิตเจริญ)
ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม

เงื่อนไขการออกเว็บแบบรับรองคนเองของผู้ประกอบการ

1. แบบรับคอบปีนี้แสดงว่าผู้ประกอบการได้ทำการรับรองคนเองว่าเครื่องโทรคมนาคมและอุปกรณ์ ตราสัญญาและแบบ/รุ่นดังกล่าวมีความถอดคล้องกับการอนุญาตของ กสทช.
2. ผู้ประกอบการต้องนำเสนอเครื่องโทรคมนาคมและอุปกรณ์ที่ได้ผลเกณฑ์ทางทัวนุปรับแอกสารแสดงถ้าคณะทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ ที่ได้ขอรับรองคนเองไว้กับสำนักงาน กสทช.
3. ผู้ประกอบการจะต้องปฏิบัติตามประกาศ กสทช. เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์ต่อเครื่องวัด

Sub-Scheme



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

แบบรับรองคนเองของผู้ประกอบการ
(Supplier's Declaration of Conformity)

สำนักเทคโนโลยีและมาตรฐานโทรคมนาคม
SDoC SD02914-25
วันที่ 16 มิถุนายน 2568

๑. รายละเอียดของผู้ประกอบการ

๑.๑ ชื่อหน่วยงาน บริษัท ศิวเมย คอนซัลติ้ง จำกัด
๑.๒ ที่อยู่ 34/35 ซอยเทศบาล 48 แยก 14-14 อบเมนาคบิวาส แขวงลาดพร้าว เขตลาดพร้าว กรุงเทพมหานคร 10230

๒. รายละเอียดของเครื่องโทรคมนาคมและอุปกรณ์

๒.๑ ประเภทเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ JIGA_EU_KEY	
๒.๒ ตราสัญญา (brand name) MAZDA	๒.๓ แบบ/รุ่น (model) GHWL-675RY
๒.๔ มาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคที่แสดงความถอดคล้อง - ประกาศ กสทช. เรื่อง หลักเกณฑ์การใช้คลื่นความถี่และเงื่อนไขของเครื่องวิทยุคมนาคมที่ได้ผู้ประกอบการที่ระบบ และที่เป็นเงื่อนไข ฉบับที่ ๒ (ได้รับเครื่องวิทยุคมนาคมที่ได้ 16 ต่างกันกับ ข้อมูล ดิ้ง)	

จ้าพเจ้าของรับรองว่า เครื่องโทรคมนาคมและอุปกรณ์ข้างต้น มีความถอดคล้องตามที่ระบุไว้ในมาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคของสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

๓. เอกสารหลักฐานประกอบการรับรองคนเอง

1) Datasheet 2) Declaration Letter - brand name 3) DOT-R8241102309-2830 4) DOT-R8241102309-2831 5) DOT-R8241102309-2832	ลงชื่อ พิมพ์ ขึ้นหมู่ (นางพิมพ์ ขึ้นหมู่) ตำแหน่ง ผู้มีอำนาจลงนาม วันที่ 13 มิถุนายน พ.ศ.2568

ผู้ประกอบการจะต้องจัดส่งแบบรับรองคนเองที่ทรอกรายละเอียดครบถ้วนสมบูรณ์ ให้สำนักงาน ฯ และเก็บรักษาสำเนาแบบรับรองคนเองพร้อมเอกสารหลักฐานประกอบการรับรองคนเอง เพื่อให้ประกอบการตรวจติดตามของสำนักงาน ฯ ตามมาตรการกำกับดูแลเครื่องโทรคมนาคมและอุปกรณ์ภายหลังการตรวจสอบและรับรองมาตรฐาน และตามกฎหมายอื่น ๆ (ถ้ามี)

Sub-Scheme

Singapore:

PROXUS COMMUNICATIONS PTE. LTD.
124 BISHAN STREET 12
#08-121 NIL
SINGAPORE 570124

Attn: CLEMENCE SIM

Dear Sirs,

EQUIPMENT REGISTRATION UNDER TELECOMMUNICATIONS (DEALERS) REGULATIONS
Registration Number: ESER/25/3624

We acknowledge that the equipment listed below has been registered with the Info-communications Media Development Authority under regulation 20(6) of the Telecommunications (Dealers) Regulations (Cap 323, Rg 6) (the "Dealers Regulations") and approved for sale in Singapore. Your attention is drawn to the relevant provisions and requirements of the Dealers Regulations described below.

Declared Equipment Information

Brand/Trade Name:	MAZDA
Model Name/No.:	GHWL-675RY
Equipment Description:	JMA_EU_KEY
IMDA Spec. No.:	IMDA TS SRD
Equipment Category:	Low Power Radio Equipment
Equipment Type:	Non-specific SRD
Frequency Band (Maximum Radiated Power /Field Strength):	16 - 150 kHz (<= 66 dBuA/m @ 10m) 433.05 - 434.79 MHz (<= 10 mW (e.r.p.))
Date of Registration:	10 Jun 2025
Date of Expiry:	31 May 2030

Note: This is a system generated email. Please do not reply to it. For queries, please email equipment_reg_dealers@imda.gov.sg.

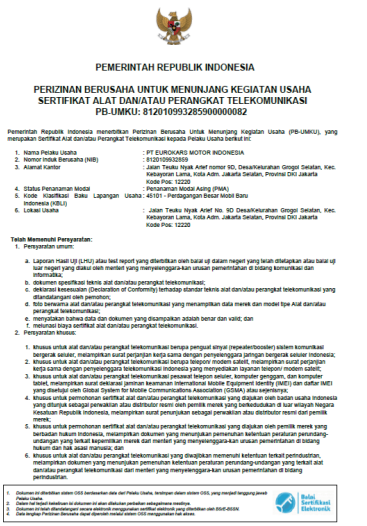
Information on Equipment Registration for Complex/Multi-Line Equipment or Short Range/ Low Power Devices

1. IMDA may require the equipment supplier to submit test results or evidence of equipment certification as proof of conformity with the applicable IMDA Technical Specification(s) [Regulation 20(5) of the Dealers Regulations]
2. Equipment registration under regulation 20(6) shall be valid for a period of 5 years. [Regulation 20(6) of the Dealers Regulations]
3. The registration may be renewed for periods not exceeding 5 years upon an application being made to IMDA. [Regulation 20(7) and 20(7A) of the Dealers Regulations]
4. Any modification to the registered equipment may require a re-submission. [Regulation 20(8) of the Dealers Regulations]
5. No false or misleading information shall be furnished to IMDA for the purpose of obtaining any equipment registration or renewal of registration. [Regulation 21(1) of the Delears Regulations]
6. Any registration or renewal of registration granted as a result of submission of false or misleading information shall be null and void. [Regulation 21(2) of the Dealers Regulations]
7. Any person who contravenes regulation 21(1) and submits false or misleading information shall be guilty of an offence. [Regulation 24 of the Dealers Regulations]

www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438
INFOCOMM MEDIA DEVELOPMENT AUTHORITY
©IMDAsg | #IMDigitalArchitect

Declaration of Conformity

Indonesia:



PEMERINTAH REPUBLIK INDONESIA

PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT DAN/ATAU PERANGKAT TELEKOMUNIKASI
PB-UMKU: 81201099328590000082

Pemerintah Republik Indonesia menerbitkan Perizinan Berusaha Untuk Menunjang Kegiatan Usaha (PB-UMKU), yang merupakan Sertifikat Alat dan/atau Perangkat Telekomunikasi kepada Pelaku Usaha berikut ini:

1. Nama Pelaku Usaha : PT EUROKARS MOTOR INDONESIA
2. Nomor Induk Berusaha (NIB) : 8120109932859
3. Alamat Kantor : Jalan Teuku Nyak Arief nomor 9D, Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta Kode Pos: 12220
4. Status Penanaman Modal : Penanaman Modal Asing (PMA)
5. Kode Klasifikasi Baku Lapangan Usaha Indonesia (KBLI) : 45101 - Perdagangan Besar Mobil Baru
6. Lokasi Usaha : Jalan Teuku Nyak Arief No. 9D Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta Kode Pos: 12220

Telah Memenuhi Persyaratan:

1. Persyaratan umum:
   a. Laporan Hasil Uji (LHU) atau test report yang diterbitkan oleh balai uji dalam negeri yang telah ditetapkan atau balai uji luar negeri yang diakui oleh menteri yang menyelenggara-kan urusan pemerintahan di bidang komunikasi dan informatika;
   b. dokumen spesifikasi teknis alat dan/atau perangkat telekomunikasi;
   c. deklarasi kesesuaian (Declaration of Conformity) terhadap standar teknis alat dan/atau perangkat telekomunikasi yang ditandatangani oleh pemohon;
   d. foto berwarna alat dan/atau perangkat telekomunikasi yang menampilkan data merek dan model tipe Alat dan/atau perangkat telekomunikasi;
   e. menyatakan bahwa data dan dokumen yang disampaikan adalah benar dan valid; dan
   f. melunasi biaya sertifikat alat dan/atau perangkat telekomunikasi.
2. Persyaratan khusus:
   1. khusus untuk alat dan/atau perangkat telekomunikasi berupa penguat sinyal (repeater/booster) sistem komunikasi bergerak seluler, melampirkan surat perjanjian kerja sama dengan penyelenggara jaringan bergerak seluler Indonesia;
   2. khusus untuk alat dan/atau perangkat telekomunikasi berupa telepon/ modem satelit, melampirkan surat perjanjian kerja-sama dengan penyelenggara telekomunikasi Indonesia yang menyediakan layanan telepon/ modem satelit;
   3. khusus untuk alat dan/atau perangkat telekomunikasi pesawat telepon seluler, komputer genggam, dan komputer tablet, melampirkan surat deklarasi jaminan kesamaan International Mobile Equipment Identity (IMEI) dan daftar IMEI yang diserahjui oleh Global System for Mobile Communications Association (GSMA) atau sejenisnya;
   4. khusus untuk permohonan sertifikat alat dan/atau perangkat telekomunikasi yang diajukan oleh badan usaha Indonesia yang ditunjuk sebagai perwakilan atau distributor resmi oleh pemilik merek yang berkedudukan di luar wilayah Negara Kesatuan Republik Indonesia, melampirkan surat penunjukan sebagai perwakilan atau distributor resmi dari pemilik merek;
   5. khusus untuk permohonan sertifikat alat dan/atau perangkat telekomunikasi yang diajukan oleh pemilik merek yang berbadan hukum Indonesia, melampirkan dokumen yang menunjukan pemenuhan kelentuan peraturan perundang-undangan yang terkait kepemilikan merek dari menteri yang menyelenggara-kan urusan pemerintahan di bidang hukum dan hak asasi manusia; dan
   6. khusus untuk alat dan/atau perangkat telekomunikasi yang diwajibkan memenuhi ketentuan terkait pemboatiron, melampirkan dokumen yang menunjukan pemenuhan ketentuan peraturan perundang-undangan yang terkait alat dan/atau perangkat telekomunikasi dari menteri yang menyelenggara-kan urusan pemerintahan di bidang pemboatiron.

1. *Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tersimpan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha*
2. *Dalam hal terjadi ketidaksesuaian isi dokumen ini akan dilakukan perbaikan sebagaimana mestinya.*
3. *Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSrE-BSSN.*
4. *Data lengkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.*

Balai Sertifikasi Elektronik

Lampiran Perizinan Berusaha Untuk Menunjang Kegiatan Usaha ini memuat data teknis yang merupakan bagian tidak terpisahkan dari dokumen ini. Pelaku Usaha tersebut di atas wajib menjalankan kegiatan usahanya sesuai dengan ketentuan perundang-undangan yang berlaku.

Diterbitkan tanggal: 02 Juli 2025

a.n. Menteri Komunikasi dan Digital
Menteri Investasi dan Hilirisasi/
Kepala Badan Koordinasi Penanaman Modal,

Ditandatangani secara elektronik

Diwakili tanggal: 02 Juli 2025

1. *Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tersimpan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha*
2. *Dalam hal terjadi ketidakSesuaian isi dokumen ini akan dilakukan perbaikan sebagaimana mestinya.*
3. *Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSrE-BSSN.*
4. *Data lengkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.*

Balai Sertifikasi Elektronik



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-UMKU : 8120109532059000082

Lampiran di bawah ini memuat data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

SERTIFIKAT / *CERTIFICATE*

NOMOR / *NUMBER* : 111884/DJID/2025

Nama Perangkat Name of Equipment	: JIKIA_EU_KEY	Diajukan Oleh Applied by	: PT EUROKARS MOTOR INDONESIA
Merek Trade Mark	: MAZDA	Alamat Address	: Jalan Teuku Nyak Arief nomor 80, Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta, Kode Pos: 12220
Tipe Type	: GHWL-67SRY	PLG ID Client's ID	: 8032
Buatan Country of Origin	: China	Tanggal Terbit Date of Issue	: 02 Juli 2025
Referensi Reference	: KEPMEN KOMINFO NOMOR 260 TAHUN 2024		

Frekuensi Kerja : GRO
Operating Frequencies GRO

Frekuensi : 433 MHz - 434.79 MHz
Daya Pancar : <= 10 mW/E

Direktorat Layanan Infrastruktur Digital
Moeis Diseminasi Lt. 10
Jl. Medan Merdeka Selatan No. 1A, Jakarta Pusat 10110
https://bantuan.postel.go.id

1. Dokumen ini diterbitkan dalam OSS berdasarkan data dari Pelaku Usaha, tercetakan dalam dokumen OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dalam hal terjadi inkonsistensi di dokumen ini akan diberlakukan ketentuan yang berlaku.
3. Dokumen ini merupakan bukti Perizinan Berusaha yang diterbitkan oleh Sistem OSS sesuai dengan PP No. 5 Tahun 2021 dan PP No. 28 Tahun 2025 tentang Perubahan atas PP No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko dan PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko sebagaimana telah diubah dengan PERMEN KOMINFO No. 8 Tahun 2021 dan PERMEN KOMINFO No. 11 Tahun 2021 serta PERMEN KOMINFO No. 5 Tahun 2024 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Pos dan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2024 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2024 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2024 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2024 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2024 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2025 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2025 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2025 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2025 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2025 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2026 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2026 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2026 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2026 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2026 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2027 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2027 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2027 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2027 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2027 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2028 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2028 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2028 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2028 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2028 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2029 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2029 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2029 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2029 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2029 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2030 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2030 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2030 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2030 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2030 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2031 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2031 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2031 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2031 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2031 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2032 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2032 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2032 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2032 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2032 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2033 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2033 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2033 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2033 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2033 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2034 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2034 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2034 tentang Perubahan atas 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Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2036 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2036 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2037 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2037 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2037 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2037 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2037 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2038 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2038 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2038 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2038 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2038 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2039 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2039 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2039 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2039 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2039 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2040 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2040 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2040 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2040 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2040 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2041 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2041 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2041 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2041 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2041 tentang Perubahan atas 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Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2043 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2043 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2043 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2043 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2043 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2044 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2044 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2044 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2044 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2044 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 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dan PERMEN KOMINFO No. 6 Tahun 2048 tentang Perubahan atas PERMEN KOMINFO No. 6 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyiaran dan PERMEN KOMINFO No. 7 Tahun 2048 tentang Perubahan atas PERMEN KOMINFO No. 7 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Pos dan Informatika dan PERMEN KOMINFO No. 8 Tahun 2048 tentang Perubahan atas PERMEN KOMINFO No. 8 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 11 Tahun 2048 tentang Perubahan atas PERMEN KOMINFO No. 11 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 5 Tahun 2049 tentang Perubahan atas PERMEN KOMINFO No. 5 Tahun 2021 tentang Penyelenggaraan Perizinan Berusaha Berbasis Risiko di Bidang Penyelenggaraan Telekomunikasi dan PERMEN KOMINFO No. 6 Tahun 2049 tentang Perubahan atas 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Declaration of Conformity

▼Receiver

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission

แบบคำชี้แจง "แบบรับรองตนเองของผู้ประกอบการ (Supplier's Declaration of Conformity : SDoC)"
เลขที่ (SDoC No.) : SD01192-26 ลงวันที่ 17 กุมภาพันธ์ 2569

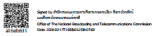
สำนักงาน กสทช. ได้รับแบบรับรองตนเองของผู้ประกอบการ (SDoC)
ของ บริษัท มาสด้า เซลส์ (ประเทศไทย) จำกัด
ซึ่งได้ ทำการยื่นขอรับรองตนเองเครื่องโทรคมนาคมและอุปกรณ์ ดังนี้

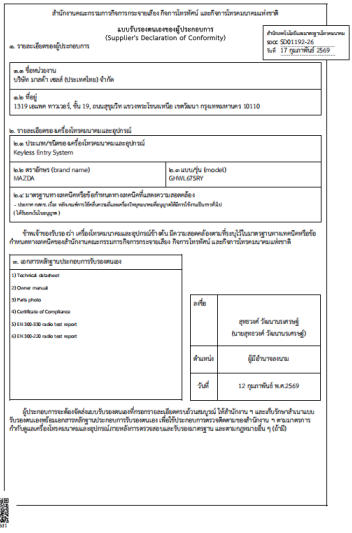
รายการที่ขอรับรองตนเอง
ประเภท Keyless Entry System ตราสินค้า MAZDA แบบรุ่น GHWL675RY

ลงชื่อ .....
(นายสมิทธ ลิมิศรัยวิญญ์)
ผู้ช่วยเลขาธิการสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคม

เงื่อนไขการออกใบรับรองตนเองของผู้ประกอบการ

1. แบบรับรองตนเองนี้แสดงว่าผู้ประกอบการได้ทำการรับรองตนเองว่าเครื่องโทรคมนาคมและอุปกรณ์ สอดคล้องกับมาตรฐานและข้อกำหนดทางเทคนิคที่ กสทช. กำหนด โดยมีความถูกต้องครบถ้วนตามข้อมูลที่ผู้ประกอบการได้ยื่นต่อสำนักงาน กสทช. และผู้ประกอบการจะต้องมีเอกสารหลักฐานที่เกี่ยวข้องกับการทดสอบเครื่องโทรคมนาคมและอุปกรณ์ ที่ได้ทดสอบโดยห้องปฏิบัติการที่ได้รับการรับรองตามมาตรฐาน ISO/IEC 17025 หรือมาตรฐานอื่นที่ กสทช. ให้การยอมรับ ไว้ที่สำนักงาน กสทช. เพื่อการตรวจสอบ
2. ผู้ประกอบการต้องไม่ดัดแปลงเครื่องโทรคมนาคมและอุปกรณ์ที่ได้ผ่านการรับรองตนเองไปจากที่ระบุไว้ในเอกสารและหลักฐานการรับรองตนเอง เว้นแต่เป็นการดัดแปลงเครื่องโทรคมนาคมและอุปกรณ์ ที่ได้ขอรับรองตนเองไว้กับสำนักงาน กสทช.
3. ผู้ประกอบการจะต้องปฏิบัติตามประกาศ กสทช. เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์ฯ ฉบับล่าสุด





สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

แบบรับรองตนเองของผู้ประกอบการ
(Supplier's Declaration of Conformity)

สำนักงานได้รับแล้วเมื่อวันที่ 17 กุมภาพันธ์ 2569
เลขที่ SD01192-26

๑. รายละเอียดของผู้ประกอบการ

๑.๑ ชื่อหน่วยงาน
บริษัท มาสด้า เซลส์ (ประเทศไทย) จำกัด

๑.๒ ที่อยู่
1319 เพลทนัม ทาวเวอร์ ชั้น 19, ถนนสุขุมวิท แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110

๒. รายละเอียดของเครื่องโทรคมนาคมและอุปกรณ์

๒.๑ ประเภทผลิตภัณฑ์เครื่องโทรคมนาคมและอุปกรณ์
Keyless Entry System

๒.๒ ตราสินค้า (brand name)	๒.๓ แบบรุ่น (model)
MAZDA	GHWL675RY

๒.๔ มาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคที่แสดงความสอดคล้อง
- ประกาศ กสทช. เรื่อง หลักเกณฑ์การใช้เครื่องโทรคมนาคมหรืออุปกรณ์ที่มีการใช้งานเป็นการทั่วไป
(ให้ใส่เครื่องหมาย)

ข้าพเจ้าขอยืนยันว่า เครื่องโทรคมนาคมและอุปกรณ์ข้างต้น มีความสอดคล้องตามที่ระบุไว้ในมาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคของสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

๓. เอกสารหลักฐานประกอบการรับรองตนเอง

1) Technical datasheet
2) Owner manual
3) Parts photo
4) Certificate of Compliance
5) EN 300-330 radio test report
6) EN 300-220 radio test report

ลงชื่อ	สุชาวดี วัฒนานเศรษฐ์ (นายสุชาวดี วัฒนานเศรษฐ์)
ตำแหน่ง	ผู้มีอำนาจลงนาม
วันที่	12 กุมภาพันธ์ พ.ศ.2569

ผู้ประกอบการจะต้องจัดส่งแบบรับรองตนเองที่การยอมรับตามข้อกำหนดแล้ว ให้สำนักงาน ฯ และเก็บรักษาสำเนาแบบรับรองตนเองพร้อมเอกสารหลักฐานประกอบการรับรองตนเอง เพื่อให้ประกอบการตรวจพิสูจน์ตามอำนาจหน้าที่ของสำนักงาน ฯ ตามกฎหมายกำหนดต่อไป



Electromagnetic Compatibility

▼Electromagnetic Compatibility

Your Mazda has been tested and certified to the UN-R*1 10 regulation as related to electromagnetic compatibility.

*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.

CAUTION

- Do not mount any transceiver, microphones, speakers, or any other item in the deployment path of the airbag system.
- Do not fasten aerial lead to original vehicle wiring or brake pipes.
- Keep the aerial and power leads at least 100 mm (3.9 in) from any electronic modules and the airbags.
- Avoid using the cigar lighter or accessory socket as a power source for the RF-transmitting equipment.

9 Specification

Technical information about your Mazda.

Identification Numbers 9-2

Vehicle Information Labels 9-2

Specification 9-4

Specification 9-4

Identification Numbers

Vehicle Information Labels

▼Vehicle Information Labels

Various vehicle information labels and inscriptions are located as shown in the figure below, therefore, do not affix labels or apply paint to these areas.

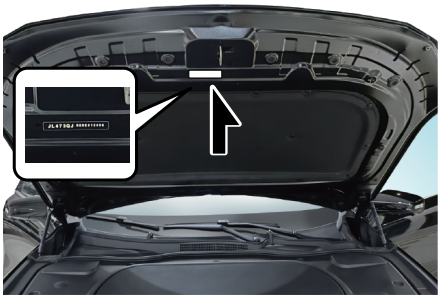
▼ Vehicle Identification Number

The vehicle identification number legally identifies your vehicle. The number is on a plate attached to the cowl panel located on the left corner of the dashboard. This plate can be directly seen from the windshield.



▼Electric Drive Model

Electric drive model and number plates are located on the bonnet.



▼Model Plate



▼Chassis Number

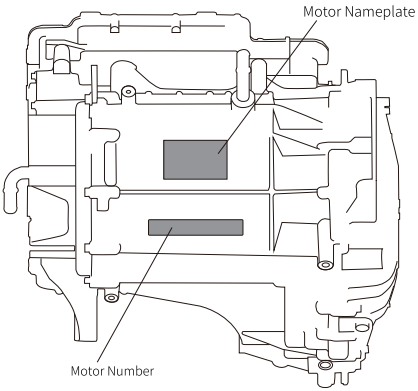
Open the cover shown in the figure to check the chassis number.



▼Tyre Pressure Label



▼Motor Number



Specification

Vehicle Weight

Item		Parameter Value
Seating Capacity		5
Maximum Permissible Total Mass (kg)		2440 (5379 lb)
Maximum Permissible Total Mass Allocation	Front Axle Load (kg)	1050 (2315 lb)
	Rear Axle Load (kg)	1390 (3064 lb)
Curb Weight (kg)		2015 (4442 lb)
Curb Weight Distribution	Front Axle Load (kg)	938 (2068 lb)
	Rear Axle Load (kg)	1077 (2374 lb)

Vehicle Performance

Item		Parameter Value
Maximum Design Speed (km/h)		175
Trafficability	Minimum Turning Radius (m)	5.6 (18.4 ft)
	Approach Angle (°)	⩾13
	Departure Angle (°)	⩾20
	Minimum Ground Clearance (Fully Loaded) (mm)	⩾120 (4.72 in)
Performance	Top Speed	175
Driving Range	WLTC Range (km)	560 (348 mile)
	NEDC Range (km)	654 (406 mile)
Economy	WLTC Energy Consumption (kW·h/100km)	16.1
	NEDC Energy Consumption (kW·h/100km)	14.0

Note: Actual driving range may vary due to different operating conditions compared to the above.

Specification

Drive Motor Assembly Parameters

Item	Parameter Value
Motor Type	Permanent Magnet Synchronous
Motor Maximum Power (kW)	190
Motor Rated Power (kW)	100
Motor Maximum Torque (N·m)	290 (30 kgf·m, 214 ft·lbf)
Motor Rated Torque (N·m)	120 (12 kgf·m, 89 ft·lbf)
Motor Maximum Speed (r/min)	22000
Charger Power (kW)	11
DCDC Power (kW)	2.8
DCAC Power (kW)	3.5

High-Voltage Battery Assembly Parameters

Item	Specification
Battery Type	Lithium Iron Phosphate Battery (LFP)
Total Battery Energy (kWh)	77.94
Battery Rated Voltage (V)	364.24
Battery Capacity (Ah)	214
Battery Pack Weight (kg)	⩽ 550 (1212.54 lb)
Dimensions (L/W/H) (mm)	2053*1486*142 (80.83*58.5*5.59 in)
Number of Battery Cells	116
Cell Type	Prismatic lithium iron phosphate
Battery Cooling Method	Liquid Cooling

Vehicle Fluids

Item	Specification	Rated Capacity
Reducer Lubricant	BOT 805 CEV	1.1 ± 0.05L
Brake Fluid	Mazda Genuine Brake Fluid or equivalent	1L
Coolant	L433	10L
Fully Automatic Climate Control System Refrigerant	HFC-134a (R-134a)	900g
Fully Automatic Climate Control System Lubricant	PVE (FVC56EA)	220g

Vehicle dimensions

Item		Parameter Value
Overall Length (mm)		4921 (193.7 in)
Overall Width (mm)		1890 (74.4 in)
Overall Height (mm)		1485 (58.5 in)
Wheelbase (mm)		2895 (114 in)
Front Overhang (mm)		986 (38.8 in)
Rear Overhang (mm)		1040 (40.9 in)
Track Width (Unladen)	Front Track (mm)	1620 (63.8 in)
	Rear Track (mm)	1630 (64.2 in)

Specification

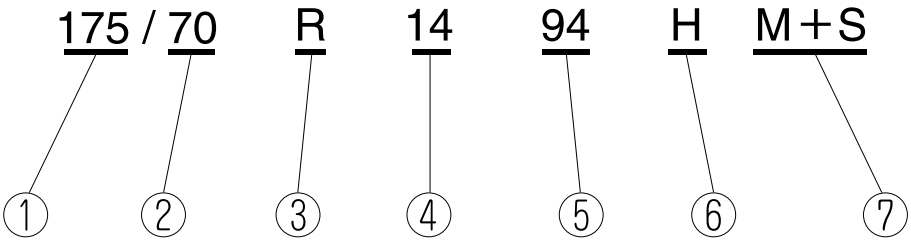
Wheel Tyre Pressure

Note

The vehicle's tyres have been optimally matched to the chassis. When replacing tyres, Mazda recommends that you choose tyres consistent with the original tyres specifications. For more details, please consult an expert repairer (we recommend an Authorised Mazda Repairer). Please refer to the tyre pressure label to confirm the tyre size and standard inflation pressure.

Type	Tyre size	Tyre Pressure (kpa) (kgf/cm, bar, psi)	
		Front	Rear
Unladen	245/45 R19 102Y	260kpa (2.7 kgf/cm, 2.6 bar, 38 psi)	260kpa (2.7 kgf/cm, 2.6 bar, 38 psi)
Fully Laden		270kpa (2.8 kgf/cm, 2.7 bar, 39 psi)	310kpa (3.2 kgf/cm, 3.1 bar, 45 psi)

Sample Tyre Mark and Its Meaning



1. Nominal Section Width
2. Nominal Aspect Ratio (%)
3. Construction Code
4. Nominal Rim Diameter (inches)
5. Load Index (not present on ZR tyres)
6. Speed Symbol
7. Mud and Snow

Tyre Mark Information

Choose the proper tyres for your vehicle using the following tyre mark information.

Speed Symbol	Maximum Allowed Speed
Q	Up to 160 km/h (99 mph)
R	Up to 170 km/h (106 mph)
S	Up to 180 km/h (112 mph)
T	Up to 190 km/h (118 mph)
U	Up to 200 km/h (124 mph)
H	Up to 210 km/h (130 mph)
V	Up to 240 km/h (149 mph)
W	Up to 270 km/h (168 mph)
Y	Up to 300 km/h (186 mph)
ZR	Up to 240 km/h (149 mph)

Electrical System

Item	Parameter Value
Lead-Acid Battery	6-QW-45 (325)

Wheel Alignment (Unladen)

Item	Specification	Parameter Value
Front Wheels	Kingpin Inclination	12.97° ± 0.75°
	Caster Angle	5.17° ± 0.75°
	Camber Angle	-0.4° ± 0.75°
	Toe Angle	0.16° ± 0.16° (Total Toe)
Rear Wheels	Camber Angle	-1.2° ± 0.75°
	Toe Angle	0.2° ± 0.2° (Total Toe)

Specification

Wheel Balancing

Wheel	Outer Side (Adhesive Type) Balance Weight	Inner Side (Clip-on Type) Balance Weight
245/45 R19 102Y	12g	7 kg

Braking System

Item		Specification
Brake Pedal Free Play		⩽5.0mm (0.2 inch)
Reasonable Usage Range of Brake Friction Pads	Front	3 – 10 mm (0.1 – 0.4 inch)
	Rear	2 – 10 mm (0.1 – 0.4 inch)

Drive System

Item	Parameter Value
Drive System	Rear-Wheel Drive

10 Index

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