

MAZDA CX-6e

OWNER'S MANUAL

A Word to Mazda Owners

Thank you for choosing Mazda. At Mazda, we design and build vehicles with customer satisfaction in mind.

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

Regular servicing by an expert repairer helps to maintain your vehicle's roadworthiness and resale value. A worldwide network of Authorised Mazda Repairers is available to provide professional servicing expertise.

Their specially trained personnel are best qualified to service your Mazda vehicle properly and correctly. They are also supported by a wide range of highly specialised tools and equipment developed specifically for servicing Mazda vehicles.

When maintenance or servicing is required, consult an expert repairer. We recommend an Authorised Mazda Repairer.

We assure you that everyone at Mazda has a continuing interest in your motoring pleasure and in your full satisfaction with your Mazda vehicle.

Mazda Motor Corporation

Hiroshima, Japan

Important Notes about This Manual

Keep this manual in the glovebox as a convenient reference for the safe and enjoyable use of your Mazda. If you sell the vehicle, leave this manual in 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 to specifications at any time without notice or obligation.

Please note that this manual applies to all models, equipment and options. As a result, you may find descriptions of equipment not fitted to your vehicle.

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How to Use This Manual

We want to help you get more driving pleasure from your vehicle. This Owner's Manual, when read from beginning to end, will help you in many ways.

The illustrations supplement the text and help to explain how to use and enjoy your Mazda. By reading this manual, you can learn about your vehicle's features, important safety information, and how to drive under various road conditions.

You will find various WARNINGS, CAUTIONS and NOTES in this manual.

⚠ WARNING

"WARNING" indicates a hazardous situation which, if not heeded, could result in serious injury or death.

⚠ CAUTION

"CAUTION" indicates a situation which, if not heeded, could result in minor injury or damage to the vehicle.

NOTE

"NOTE" provides supplementary information or helpful advice for making better use of your vehicle.

The following symbol means "Do not do this" or "Do not allow this to 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.

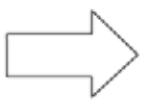


The following symbol indicates the location of parts.

How to Use This Manual



Following symbol indicates to press or turn in the shown direction.



The following symbol, shown on certain components of the vehicle, indicates that this manual contains information relating to that component.

Please refer to this manual for a detailed explanation.



Index: A good place to start is the Index, an alphabetical list of the information contained in this manual.

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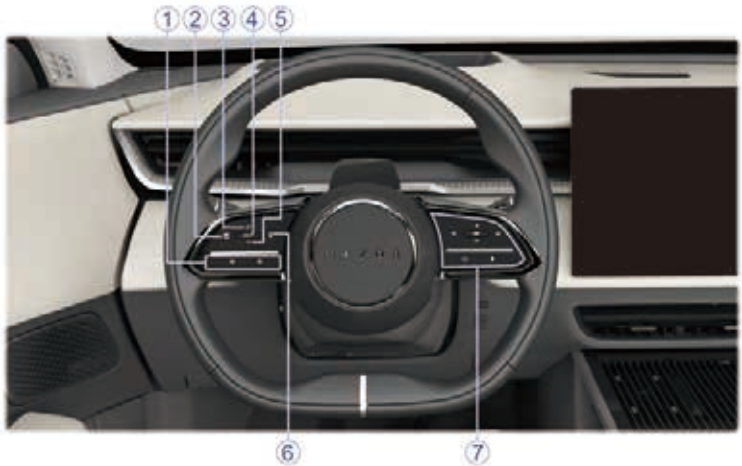
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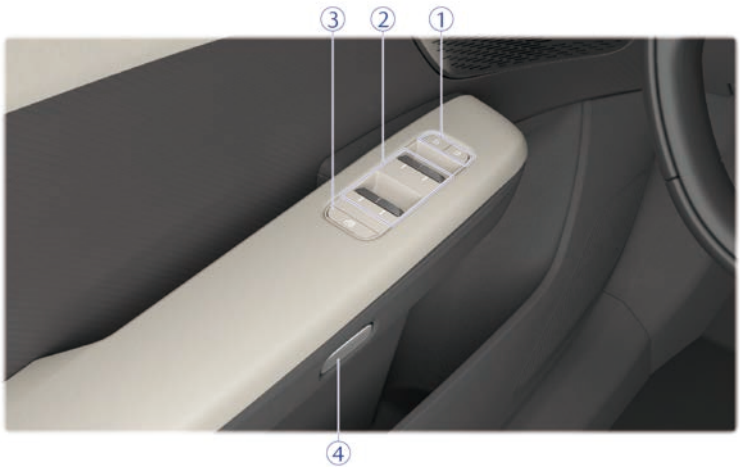
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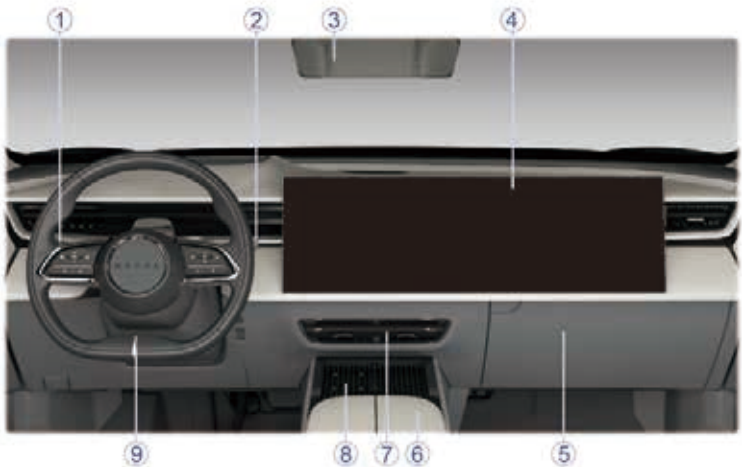


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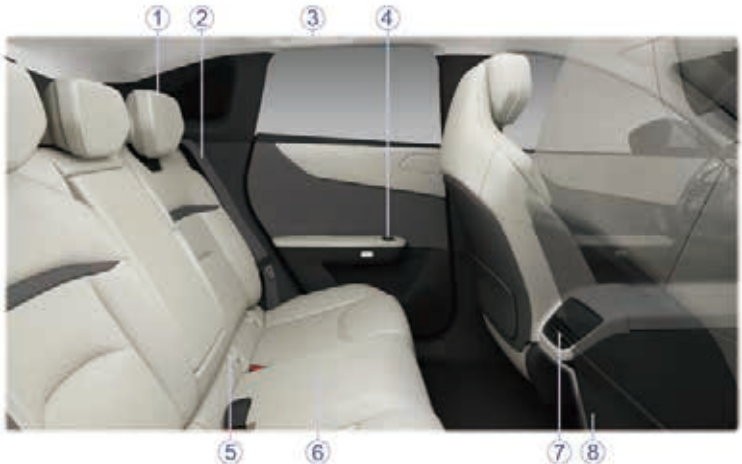


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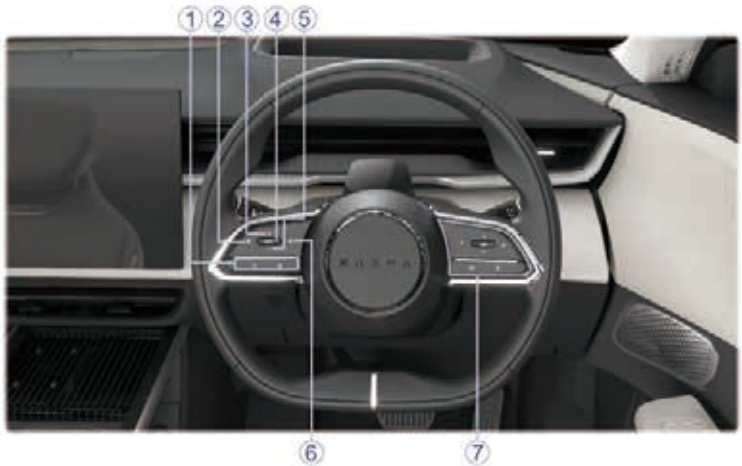


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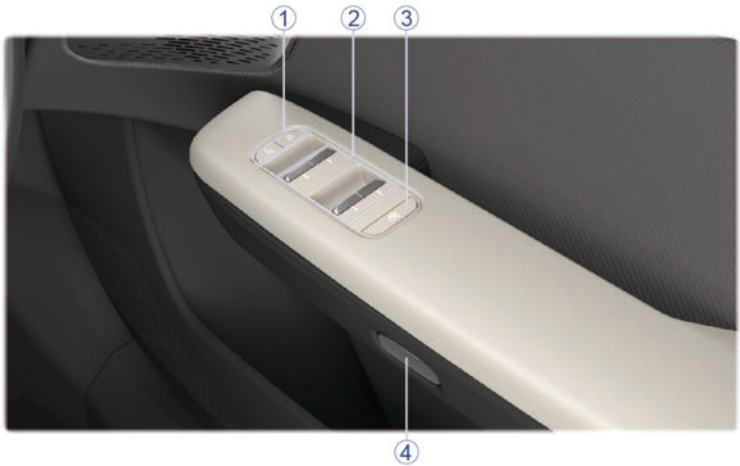
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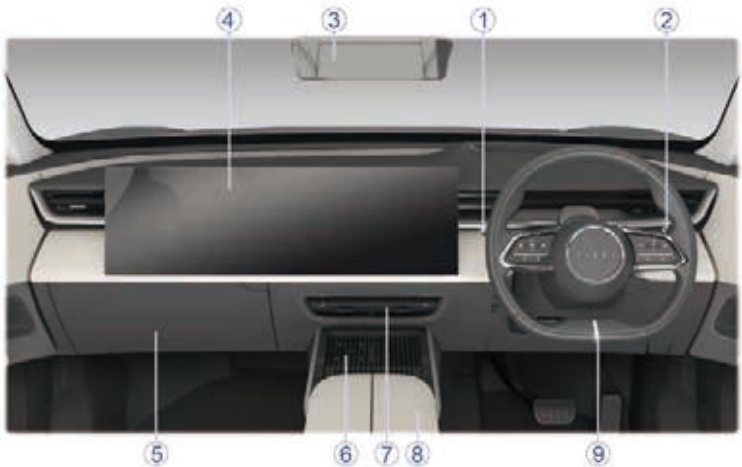


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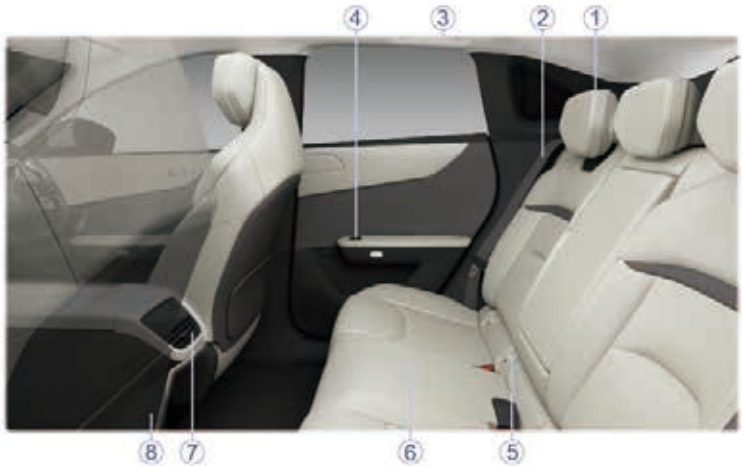


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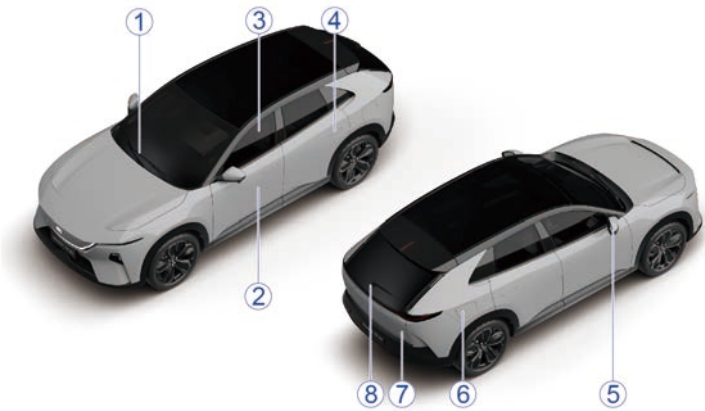
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▼Exterior Equipment



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Seat Precautions

▼Seat Precautions

⚠ WARNING

Ensure that all adjustable seat components are securely locked:
If an adjustable seat or seatback is not securely locked, it may move during sudden braking or a collision and cause injury.

Check that the seat is locked by trying to slide it forwards and backwards and by rocking the seatback.

Never allow children to adjust the seat:
Children could trap hands or feet in moving parts and be seriously injured.

Do not drive unless the seatback is securely locked:
Seatbacks are integral to occupant protection.

If a seatback is not securely locked, occupants may be thrown around or ejected, and luggage may strike them during sudden braking or a collision, causing serious injury. After adjustment, rock the seatback to confirm it is locked, even if no passengers are seated behind.

Adjust the seat only when the vehicle is stationary:
Adjusting the seat while driving may cause you to lose your seating position or control of the vehicle, resulting in injury.

Do not modify or replace the front seats except by an authorised Mazda Dealer:
Alterations (e. g. trimming changes or loosening bolts) are hazardous. The front seats contain airbag components that are critical to the Supplementary Restraint System (SRS). Modification may impair the SRS and cause serious injury.

If removal or refitting is required, consult an Authorised Mazda Dealer.

Do not drive with damaged front seats:
Damage such as torn cushions or exposed foam is hazardous. A collision, even one that does not cause the airbags to deploy, may damage airbag components in the front seats. In a subsequent collision, an airbag may fail to deploy, increasing the risk of injury. After any collision, have an Authorised Mazda Dealer inspect the front seats, front seat belt pre-tensioners and airbags.

Never drive with either front seat reclined:
A reclined position reduces seat belt protection. You may slide

under the lap belt during sudden braking or a collision, causing serious internal injuries. For maximum protection, sit well back in the seat with the seatback upright.

Never place objects (e. g. a cushion) between your back and the seatback:
Objects reduce support and may affect seat belt performance in a collision, increasing the risk of serious injury or death.

Do not place objects under the seat:
Items may jam the mechanism and prevent the seat from locking securely, increasing the risk of injury in a sudden stop or collision.

Never stack cargo higher than the seatbacks:
Stacking luggage above seatback height is hazardous.

In sudden braking or a collision, unsecured items can become projectiles and injure occupants.

Ensure that all luggage and cargo are securely stowed before driving:
Unsecured cargo may shift or be crushed during sudden braking or a collision, causing damage or injury.

If the airbags deploy, cargo may scatter, leading to serious injury or death.

Never allow any passenger to sit or stand on a folded seatback while the vehicle is moving:
This is extremely dangerous, especially for children. In a sudden stop or even a minor collision, a child who is not properly secured in an appropriate child restraint or with a seat belt may be thrown forwards, backwards or out of the vehicle, causing serious injury or death. A child in the luggage area could be thrown into other occupants and cause serious injury.

⚠ CAUTION

- Keep hands clear of moving parts and side trim when operating the seat to avoid injury.
- Before moving a seat, check that the surrounding area is clear of cargo. Trapped items may be damaged or may damage the seat.
- Take care when reaching under the seat to clean or retrieve items. Avoid contact with moving parts, seat rails, the seat frame, and components beneath the seat.
- When returning a rear seat to its original position, make sure

that the seat belt is correctly routed. Check that the belt pulls out and retracts correctly.

- Power adjustment of the seat base is motor-driven. Avoid prolonged operation of the switch to prevent motor damage.
  - To prevent the battery from running down, avoid using the power adjustment when the EV system is off. The power seat adjuster uses a large amount of electrical power.
  - Operate only one adjustment at a time.

▼Seats Overview

Left-hand drive models



Right-hand drive models



The front seat fore-and-aft adjustment range and seatback angle for this model are as follows:

- Fore-and-aft adjustment range: 260 mm (10.236 in) (180 mm (7.087 in) forwards, 80 mm (3.15 in) rearwards)
- Seatback angle — the angle between the vertical and the occupant's torso when correctly seated — is 25° for this model.

▼Correct Seating Posture

Only proper use of the seats, head restraints, seat belts, and airbags can provide maximum protection in the event of a vehicle collision. Before driving, we recommend that you do the following:

- Adjust the seat correctly and make sure the seat base and seatback are locked in the desired position. Do not recline the seatback excessively.
- Maintain a safe distance from the steering wheel. If the steering wheel is adjustable, tilt it downwards so that the airbag is directed towards your chest.
- Adopt the correct driving posture: sit as upright as practicable with your back fully against the seatback.
- Wear the seat belt correctly (see "Seat Belts" for details).

⚠ WARNING

Do not drive until all occupants are correctly seated.

Never allow passengers to sit on folded seatbacks, in the luggage compartment, or on luggage. Occupants must not stand or move between seats while the

vehicle is in motion; sudden braking or a collision may cause serious injury or death.

Do not place uneven or sharp objects (e. g. needles, nails) on the seats.

Do not modify or replace seats equipped with side airbags, or fit non-approved seat covers, as this may interfere with normal deployment of the side airbag system or cause unintended deployment, creating a risk of injury.

Incorrect seating position or an improperly fastened seat belt increases the risk of injury during heavy braking or a collision.

When adjusting the seat, keep hands clear of the underside and moving mechanisms to avoid pinching injuries.

Do not recline the seatback excessively. If the seatback is reclined excessively, the lap belt may press directly against the abdomen and the shoulder belt may come into contact with the neck, increasing the risk of serious injury in the event of a collision.

Airbags inflate with considerable force. Incorrect seat belt use or abnormal seating posture can injure the head and neck, which are particularly vulnerable. Such injuries can be fatal, especially for children.

Do not adjust the seat while the vehicle is in motion, as unexpected seat movement may cause loss of vehicle control and personal injury.

Do not store any objects beneath the seat, as they may obstruct seat adjustment or damage the seat mechanism.

⚠ CAUTION

Do not place cushions on the seat. Cushions of an unsuitable size, shape or position may cause the front seat seat belt reminder (SBR) system to malfunction.

Front Seats

▼Front Seats Adjustment

Electric Seat Adjustment

Left-hand drive models



①**Height Adjustment (driver's seat only)**
Raise or lower the seat by moving the height-adjustment switch up or down.

②**Seat Slide**
Push the seat-adjustment switch on the outboard side of the seat forwards or rearwards to move the seat. Release the switch to set the position.

③**Seatback Recline**
Adjust the seatback angle by pushing the upper part of the recline switch forwards or rearwards. Release the switch when the desired position is reached.

④**Lumbar Support Adjustment (driver's seat only)**
Increase lumbar support by pressing and holding the front of the switch until comfortable, then release. Press the rear of the switch to reduce support.

Right-hand drive models



①**Lumbar Support Adjustment (driver's seat only)***
Increase lumbar support by pressing and holding the front of the switch until comfortable, then release. Press the rear of the switch to reduce support.

②**Seatback Recline**
Adjust the seatback angle by pushing the upper part of the recline switch forwards or rearwards. Release the switch when the desired position is reached.

③**Seat Slide**
Push the seat-adjustment switch on the outboard side of the seat forwards or rearwards to move the seat.

* Some models

Release the switch to set the position.

④**Height Adjustment (driver's seat only)***
Raise or lower the seat by moving the height-adjustment switch up or down.

Front Seat Adjustment via the Centre Display

Access the relevant seat control screen via the centre display: “Vehicle Menu → Vehicle → Seats/\nDr/Win. → Driver Seating Position”. Tap the corresponding buttons to adjust the seatback recline, height (driver only), and fore-and-aft position.

NOTE

- Fore-aft adjustment range: 260 mm (10.236 in) (180 mm (7.087 in) forwards, 80 mm (3.15 in) rearwards)
- Seatback angle: 25° reclined from the vertical.

▼Driving Position Memory

On the centre display, select "Vehicle Menu → Vehicle → Seats/\nDr/Win. → Driver Seating Position" to open the driver's seat control screen.

Adjust the driver's seat to the desired position and touch "Save". When "Position Saved Successfully" is displayed, the current position is saved to the current user profile.

Touch "Preset" to recall the current user's saved driver's seat position. The seat will then move automatically to the saved position.

⚠ CAUTION

Keep hands and fingers clear of the seat base while the seat memory function is operating. The seat moves automatically, and entrapment could cause injury.

▼Driver Seat Comfort Entry/Exit

Switch Driver Seat Comfort Entry/Exit on or off by selecting "Vehicle Menu → Vehicle → Seats/\nDr/Win. → Driver Seat Comfort Entry/Exit" on the centre display.

Once configured:

- Bring the vehicle to a stop and select P (Park). Unfasten the driver's seat belt and open the driver's door. The driver's seat moves automatically to the easy-exit position.
- Unlock the vehicle and open the driver's door. Sit in the driver's seat and close the door. The seat returns automatically to the preset driving position.

* Some models

Rear Seats

▼Rear Seats

NOTE

- The rear seats are fixed and cannot be adjusted.

Folding down the rear seatbacks increases luggage compartment capacity.

⚠ WARNING

Never drive with anyone seated on a folded seatback or in the luggage compartment.
Carrying anyone in the luggage compartment is dangerous because seat belts cannot be worn there, increasing the risk of serious injury or death during sudden braking or a collision.

Never allow children to play inside the vehicle with the seatbacks folded down.
Allowing children to play in the vehicle with the seatbacks folded down is dangerous. If a child enters the luggage compartment and the seatbacks are then raised, the child may become trapped, which could lead to an accident.

Secure all cargo firmly in the luggage compartment when transporting items with the seatbacks folded down.
Driving with unsecured cargo is dangerous. It may move during emergency braking or in a collision, interfere with vehicle control and cause an accident.

When transporting cargo, do not stack items higher than the seatbacks.
Loads stacked higher than the seatbacks reduce rear and side visibility, which may impair your ability to drive and lead to an accident.

Folding the Seatback

1. Turn off the rear seat heater switch (vehicles with rear seat heaters*).

Press the release button to fold down the seatback.



①Locked position

* Some models

②Unlocked position

③Red indicator

NOTE

- The seatback can be folded by one person.
- Seat heating can be switched off via the centre display ("A/C → Seats"), the rear touch screen or voice control.

⚠ CAUTION

- When folding the seatback forward, always support it with your hand. If the seatback is not supported, your fingers or hand may be injured when pressing the release button.
- Before folding a rear seatback, check the position of the corresponding front seat. If the front seat is set too far back, the rear seatback may contact the front seatback and scratch or damage the trim or seat pocket. Lower or remove the rear outboard head restraint, if necessary.

⚠ WARNING

When returning a seatback to its upright position, make sure the 3-point seat belt is not trapped in the seatback and is not twisted.
A twisted or trapped seat belt cannot function properly and may lead to serious injury or death.

After raising a seatback, make sure it is securely locked and that the red indicator is not visible.
If the red indicator is visible behind the release button, the seatback is not locked securely. Driving with an unlocked seatback may cause it to fold forward unexpectedly, which could lead to an accident.

▼Rear Centre Armrest

The armrest is located in the centre of the rear seatback. It can be folded down when the centre seat is unoccupied, or returned to the upright position.



⚠ WARNING

Never place your hands or fingers near the moving parts of the seat and armrest.
Placing your hands or fingers near the moving parts of the seat and armrest is dangerous and may cause injury.

Head Restraints

▼Head Restraints

Your vehicle is equipped with head restraints on all seats. The head restraints are designed to help protect you and your passengers from neck injury.

⚠ WARNING

Always drive with the head restraints installed and properly adjusted whenever the seats are occupied. In addition, always raise the head restraints on all occupied rear seats.
Driving with the head restraints adjusted too low, or with the head restraints removed, is dangerous. Without support behind your head, your neck could be seriously injured in a collision.

▼Height Adjustment

Adjust the head restraint so that its centre is level with the top of the occupant's ears.

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

To lower the head restraint, press the release button and push the head restraint down.



Only the rear seat head restraints are adjustable for height. To lower or remove a head restraint, press release button ① to unlock it. However, the lowest position is not the normal use position and should not be used when the seat is occupied.

⚠ WARNING

Always drive with the head restraints fitted and correctly adjusted whenever the seats are occupied.
Driving without head restraints is dangerous. Without proper head support, the neck could be seriously injured in a collision.

After fitting a head restraint, pull it up to make sure it is securely latched.
Driving with an unsecured head restraint is dangerous. Its effectiveness may be reduced, and it could detach from the seat unexpectedly.

⚠ CAUTION

- When installing a head restraint, make sure the front faces forwards. If the head restraint is installed incorrectly, it could detach from the seat in a collision and cause injury.
- The head restraints for the front and rear seats are designed for their specific seating positions. Do not interchange the head restraints between seating positions. If a head restraint is not installed in its correct seating position, its effectiveness in a collision may be reduced, which could result in injury.
- Do not disassemble head restraints equipped with the head restraint audio system, as this may damage the system.

Seat Ventilation and Heated Seats

▼Seat Ventilation and Heated Seats*

Open the controls by selecting "A/C → Seats" on the centre display. Alternatively, use the shortcut buttons at the bottom of the screen to switch the front seat ventilation or heating on. Each press cycles through Level 3, Level 2, Level 1 and Off.

The front seat ventilation or heated seat function can also be activated via the mobile app, if equipped.

Rear Touchscreen Display Control

Left-hand drive models



Right-hand drive models



①Rear Left Seat Ventilation Control

②Rear left seat heating control

③Rear right seat heating control

④Rear right seat ventilation control

Use the seat controls on the rear touchscreen to switch the rear heated or ventilated seats on. Each press cycles through Level 3, Level 2, Level 1 and Off.

⚠ WARNING

Take care when using the seat heater:
The seat heater may become too hot for the following people and could cause a low-temperature burn.

- Infants, young children, older people, and people with reduced mobility
- People with delicate or sensitive skin
- People who are extremely tired
- People who are intoxicated

* Some models

- People who have taken medicines such as sleeping tablets or cold remedies

Do not use the front seat heater with items that retain heat, such as blankets or cushions:
The seat may overheat and cause a low-temperature burn.

Do not use the front seat heater while sleeping in the vehicle, even for a short time:
The seat may overheat 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 overheat and result in a minor burn.

⚠ CAUTION

- Make sure the rear seat heater is switched off before folding down the rear seatback. If the rear seatback is folded down while the rear seat heater is operating, the seat may overheat and damage the seat surface.
- Do not use organic solvents (for example, benzene or petrol) to clean the seat. They may damage the seat surface and the heater.

Steering Wheel Position Adjustment

▼Steering Wheel Adjustment

Left-hand drive models



Right-hand drive models



The steering wheel adjustment lever is located beneath the steering column cover. To adjust the steering wheel:

1. Pull the steering wheel adjustment lever outwards to unlock the steering wheel.
2. Hold the steering wheel with both hands and move it up or down, and towards or away from you, to a comfortable and safe driving position.
3. Push the adjustment lever fully back in to lock the steering wheel.
4. Make sure the steering wheel is locked by trying to move it up, down, forwards and backwards.

⚠ WARNING

Never adjust the steering wheel while driving.
Adjusting the steering wheel while the vehicle is moving is dangerous. Any movement of the steering wheel may result in unintended steering input, leading to loss of vehicle control and a collision.

After adjusting the steering wheel, make sure it is securely locked.
Driving with the steering wheel unlocked is dangerous. If the steering wheel moves unexpectedly while driving, you may lose control of the vehicle and have a collision.

▼Steering Wheel Buttons

1. : Increases the cruise speed or resumes the previously set cruise speed.
2. : 360° View Monitor
3. : Decreases the cruise speed, or tap at the desired speed to set the vehicle to travel at that speed.
4. : Drive mode switch
5. : Adjusts the following distance.
6. : Custom function button 1/button 2
7. : Increases the volume
8. : Short press: decreases the volume. Long press: mutes the audio.
9. : Previous track / hang up
10. : Next track / pick up
11. : Play / pause
12. : Toggle the head-up display on or off.
13. : Voice recognition

Heated Steering Wheel*

▼Heated Steering Wheel

In the seat control interface on the centre display, tap the heated steering wheel button to switch the heated steering wheel on or off. The icon is highlighted when the function is on.

You can also remotely control the heated steering wheel and check its status using the mobile app.

⚠ WARNING

Use the heated steering wheel with care:
The heated steering wheel may become very hot and could cause low-temperature burns. Use it with caution. Adjust the heating level or switch the function off as necessary, especially during prolonged use. Pay particular attention to the following occupants:

- Infants, young children, elderly persons, and persons with physical disabilities
- Persons with sensitive skin
- Persons who are excessively fatigued
- Persons who are intoxicated
- Persons who have taken sedative medication, such as sleeping tablets or cold medicine

* Some models

Seat Belt Precautions

▼Seat Belt Precautions

Seat belts greatly reduce the risk of serious injury in a collision or during sudden braking. Mazda strongly recommends that the driver and all passengers wear their seat belts at all times. Each seating position is equipped with a lap belt and shoulder belt.

Seat belts equipped with inertia-lock retractors retract fully when not in use. This mechanism allows freedom of movement during normal driving, but locks automatically during a collision or sudden stop.

⚠ WARNING

Always wear your seat belt and make sure that all occupants are properly restrained.
Not wearing a seat belt is extremely dangerous. In a collision, occupants not wearing seat belts could strike the vehicle interior or other occupants, or could be thrown from the vehicle. They could be seriously injured or killed. In the same collision, occupants wearing seat belts are much more likely to be protected.

Do not wear a twisted seat belt.
A twisted seat belt is dangerous. In a collision, the full width of the belt cannot absorb the impact forces. This concentrates force on the body beneath the belt and could cause serious injury or death. If your seat belt is twisted, straighten it before use so that the full width of the belt can operate properly.

Never use one seat belt for 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 distribute impact forces properly, and the two occupants could be crushed together and seriously injured or killed. Never use one belt for more than one person at a time. Always operate the vehicle only when each occupant is properly restrained.

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

Have the seat belt assembly replaced immediately if the

pretensioner or load limiter has deployed.
After any collision, have an expert repairer (we recommend an Authorised Mazda Repairer) inspect the seat belt pretensioners and airbags immediately. Like the airbags, the seat belt pretensioners and load limiters operate only once and must be replaced after any collision in which they deploy. If the seat belt pretensioners and load limiters are not replaced, the risk of injury in a subsequent collision will increase.

Positioning the Shoulder Belt
Incorrect positioning of the shoulder belt is dangerous. Always position the shoulder belt across the centre of your shoulder, close to, but not touching, the neck. Never place it under the arm or across the neck or upper arm.

Never use a front seat belt while seated in a rear seat.
Never use a front seat belt when seated in a rear seat. It is extremely dangerous to use a front seat belt while seated in a rear seat. In the event of sudden braking or a collision, the seat belt will not provide adequate protection and this may result in serious injury or death. In addition, using the seat belt in this way may damage the rear seat belt buckle.

Positioning the Lap Belt
Wearing the lap belt too high is dangerous. In a collision, this concentrates force on the abdomen and can cause serious injury. Wear the lap belt low and snug across the hips.

Instructions for Using Seat Belt Assemblies
Seat belts are designed to bear on the bony parts of the occupant body and should be worn low across the front of the pelvis or, where applicable, across the pelvis, chest and shoulders. Do not wear the lap belt across the abdomen.

Adjust seat belts as firmly as possible while remaining comfortable, so that they provide the intended protection. A slack belt will greatly reduce the protection it provides.

Avoid contaminating the webbing with polishes, oils or chemicals, particularly battery acid. Clean the webbing using mild soap and water. Replace the seat belt if the webbing becomes frayed, contaminated or damaged.

Replace the entire seat belt assembly after it has been subjected to a severe impact, even if no visible damage is apparent.

Seat belts must not be worn if the webbing is twisted.

Each belt assembly is for one occupant only. It is dangerous to fasten a belt around a child being carried on an occupant's lap.

Do not make any modifications or additions that prevent the seat belt adjustment devices from removing slack or that prevent the seat belt assembly from being adjusted correctly.

⚠ CAUTION

Belt retraction may become difficult if the belts and anchor rings are soiled, so keep them clean. For more information on cleaning the seat belts, refer to "Seat Belt Maintenance".



① Ring

▼Pregnant Women and People with Serious Medical Conditions

Pregnant women must always wear a seat belt. Follow your doctor's advice on the correct use of the seat belt during pregnancy.

Position the lap section comfortably across the hips, as low as possible over the pelvis.

Wear the shoulder belt across the middle of the shoulder and chest, never across the abdomen.

People with serious medical conditions should also wear a seat belt. Consult your doctor for advice specific to your condition.



▼Emergency Locking Mode

When the seat belt is fastened, the retractor operates in Emergency Locking Mode.

Emergency Locking Mode allows normal belt movement for comfort during everyday driving. In the event of sudden braking, rapid deceleration or a collision, the retractor locks to help restrain the occupant. If the belt locks and cannot be pulled out, allow it to retract fully and then pull it out slowly. If it still will not extend, apply one firm pull, allow it to relax, and then pull it out slowly again.

Seat Belts

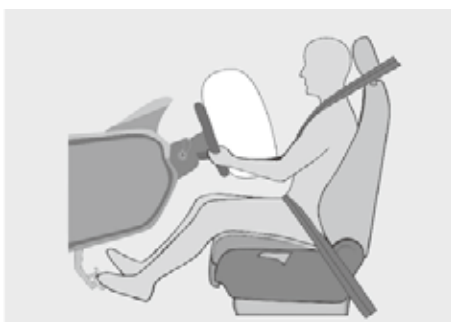
▼Seat Belts

When a vehicle collides or undergoes emergency braking, enormous inertial forces are produced. Seat belts are among the most basic and effective occupant protection devices.

Seat belts help keep occupants in their seats, reduce the risk of contact with interior components, and help reduce injury severity by managing occupant movement during a collision.

Wearing the seat belt correctly is essential for the airbag system to provide effective protection.

If occupants do not wear their seat belts correctly or are seated improperly, the force of airbag deployment may cause injury, particularly to vulnerable areas such as the head and neck.



To maximise the protective effect of the seat belts, before driving:

- Wear your seat belt correctly.
- Adjust the seat to ensure the correct sitting posture.

⚠ WARNING

Regularly inspect all seat belt components and replace any damaged or inoperative parts.

One seat belt is only suitable for one occupant.

After any accident, any seat belt that was in use during the accident and has been stretched must be replaced. Do not modify or remove seat belts under any circumstances. If repair or replacement is required, have the seat belt system inspected and repaired or replaced by a qualified repairer. We recommend an Authorised Mazda Repairer.

NOTE

- Do not pinch or twist the seat belt when wearing it.
- Ensure that the seat belt does not come into contact with sharp objects while in use.
- Bulky clothing, such as thick coats, may prevent the seat belt from fitting snugly and may reduce its effectiveness.
- Keep seat belts clean. Contamination may affect the operation of the automatic retractor.
- Ensure that the buckle is free from paper or other obstructions so that the tongue can engage correctly in the buckle.

▼Fastening the Seat Belts

Three-point seat belts must be worn with the lap belt low across the hips, not the waist, and the shoulder belt across the centre of the chest, not under the arm.

Fasten

1. Hold the seat belt tongue and pull the seat belt out smoothly.
2. Place the shoulder belt across your chest and the lap belt low across your hips.
3. Make sure that the lap and shoulder sections of the seat belt are not twisted, then insert the seat belt tongue into the buckle until it clicks.



① Seat belt tongue

② Seat belt buckle

NOTE

- Position the lap belt as low as possible across the hips, not over the abdomen. Then adjust the shoulder belt so that it lies comfortably across the chest.
- Before fastening the rear seat belts, make sure they are correctly routed through the belt guides and are not twisted.

Unlocking

Press the red button on the buckle to release the seat belt. If the seat belt does not fully retract, pull it out and check for kinks or twists. Ensure it remains untwisted as it retracts.



① Release button

NOTE

- If the seat belt still does not retract properly after checking for kinks or twists, have it inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

Seat Belt Use for Children

The seat belts on this model are designed for adults. Children aged 12 and under should use a child restraint system that complies with applicable national safety standards (see the “Child Restraint” section). If a child is too old for a child restraint system, the child should always travel in a rear seat and wear a properly fastened seat belt.

Seat Belt Use for Pregnant Women

Position the lap belt comfortably across the hips.

Position the shoulder belt across the middle of the shoulder and chest, away from the abdomen.

⚠ WARNING

- To help protect both the mother and the unborn child, always wear the seat belt correctly.
- Before wearing the seat belt, consult your doctor about any precautions you should take.

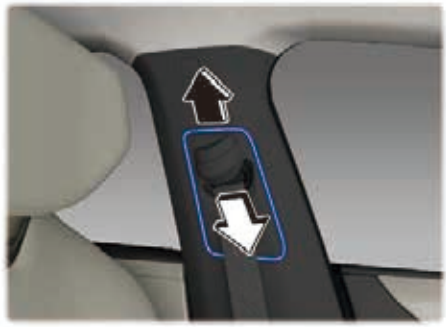
Seat Belt Use for Injured Patients

If you are injured or recovering from surgery, seek medical advice before travelling and wear the seat belt only as advised by your doctor.

▼Front Shoulder Belt Adjuster

Front seat belts are equipped with shoulder belt height adjusters. If the seat belt touches your neck or slips off your shoulder, adjust the belt height.

Press and hold the height-adjuster button, then slide the upper belt anchorage up or down. Three height positions are available, allowing you to choose a comfortable setting according to your height and seating position.



⚠ WARNING

Do not adjust the driver's seat belt while the vehicle is moving.

Seat Belt Warning System

▼Seat Belt Warning System

If the system detects that the front passenger's seat belt is unfastened, the warning light illuminates and an audible warning may sound.

If the driver or front passenger is not wearing a seat belt, the seat belt warning light illuminates.

If the driver is not wearing a seat belt while the vehicle is in motion, the warning light illuminates and an audible warning sounds. After approximately 2 minutes, the audible warning stops; the warning light remains on.

Rear seat belt reminder: The centre display includes a rear seat belt indicator to remind rear passengers to fasten their seat belts.

At start-up, if a rear seat is occupied with its belt unfastened, the corresponding indicator illuminates. When the vehicle speed exceeds 10 km/h (6.214 mph), an audible warning sounds. After approximately 35 seconds, the audible warning stops; the indicator remains continuously illuminated.

NOTE

If the seat belt reminder does not operate as described, a malfunction may be present. Have the vehicle inspected by a qualified repairer. We recommend an Authorised Mazda Repairer.

Seat Belt Pretensioners and Load-Limiting Systems

▼Seat Belt Pretensioners

Seat Belt Pretensioners

The front seat belts are fitted with pretensioners. They may operate even if the front seats are unoccupied. In a sufficiently severe frontal impact, the pretensioners automatically retract the seat belt webbing to tighten the seat belt.

This helps to restrain the front occupant more securely and enhances protection.

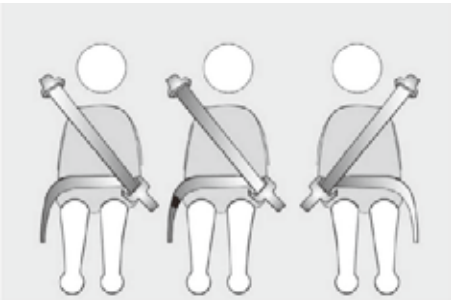
When the seat belt pretensioners operate, you may hear a loud noise and notice smoke or dust. This is normal and is not toxic, but it may cause temporary irritation to the skin or respiratory tract. Open the windows or doors to ventilate the vehicle, and wash any exposed skin thoroughly.

⚠ WARNING

- After the pretensioners have deployed, or when the vehicle is ten years old, have the vehicle inspected and the seat belts replaced by an expert repairer (we recommend an Authorised Mazda Repairer).
- For inspection or maintenance of the pretensioners, consult an expert repairer (we recommend an Authorised Mazda Repairer).
- Do not modify or remove any part of the airbag system, strike the airbag control unit or sensors, or damage the airbag wiring. Doing so may cause unintended pretensioner deployment or prevent the system from operating properly.
- Do not modify, remove, strike or open any pretensioner component, or disassemble or damage the wiring. This may cause the pretensioners to deploy unexpectedly or prevent them from operating properly.

▼Rear Seat Belts

The rear seat belts are three-point seat belts. The buckles are positioned at an angle in the rear seat cushions. To fasten, insert the tongue fully into the matching buckle until it clicks. The left-hand and right-hand rear seat belts are fitted with pretensioners.



Rear Seat Belt Pretensioners

The rear seat belts are equipped with pretensioners. They may operate even if the rear seat is unoccupied.

In a sufficiently severe frontal collision, the pretensioners activate automatically and retract the seat belt webbing so that the seat belt holds the occupant firmly in place for maximum protection.

When the seat belt pretensioners operate, a loud noise may be heard and smoke or dust may be produced. This is normal and is not toxic, but it may cause skin irritation or breathing discomfort. Ensure proper air circulation and thoroughly wash any exposed skin.

Pretensioners

When a collision is detected, the pretensioners may deploy at the same time as the airbags.

The retractor removes slack from the seat belt as the airbags deploy. Airbags and seat belt pretensioners must be replaced after deployment.

⚠ WARNING

Only wear seat belts as recommended in this user manual:
Improperly placed seat belts are very dangerous. Pretensioners and load-limiting systems cannot provide adequate protection in a collision if the seat belts are not worn correctly, which may result in serious injury.

If a pretensioner has deployed, the seat belt must be replaced immediately.
Always consult an expert repairer (we recommend an Authorised Mazda Repairer) to check the seatbelt pretensioners and airbags immediately after a collision. Like airbags, seat belt pretensioners are single-use devices and must be replaced after deployment. Failure to replace deployed seat belt pretensioners increases the risk of injury in a subsequent collision.

Do not modify the components or wiring of the pretensioner system or use electronic test equipment on the pretensioner system.
Modifying the pretensioner system or probing it with electronic test devices is dangerous. You may accidentally trigger or disable the system, preventing it from

operating correctly in a collision. Occupants and service personnel could be seriously injured.

Disposal of the Pretensioner System
Improper handling of pretensioner units or vehicles fitted with undeployed pretensioners is extremely dangerous.

Failure to follow all safety procedures may result in injury. Have an expert repairer (we recommend an Authorised Mazda Repairer) safely dispose of the pretensioner system or scrap a vehicle fitted with undeployed pretensioners.

NOTE

- Depending on the nature and severity of the collision, the pretensioner system may not operate.
- When the airbags and pretensioners deploy, some non-toxic gases may be released. This is not a fire. These gases do not normally affect occupants, but they may cause mild skin irritation in sensitive individuals. If residue from airbag or pretensioner deployment gets on your skin or in your eyes, wash it off as soon as possible.

Child Restraint Safety Precautions

▼Child Restraint Precautions

Mazda strongly recommends the use of child restraint systems for children who require them based on their age, height and weight.

Mazda recommends using a child restraint system, 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)

Check local regulations for specific requirements regarding the safety of children travelling in your vehicle.

*1 UN-R stands for United Nations Regulation.

Regardless of the child restraint system you choose, ensure it is suitable for the child's age and size, complies with local regulations, and is installed and used in accordance with the manufacturer's instructions.

A child who has outgrown a child restraint system should sit in a rear seat and wear a seat belt.

Child restraint systems should be installed in a rear seat whenever possible.

Statistics confirm that the rear seat is the safest place for children up to 12 years of age, especially in vehicles equipped with supplementary restraint systems (airbags).

A rear-facing child restraint system must never be used on the front passenger seat unless the front passenger airbag has been deactivated. The front passenger seat is also the least suitable location for other child restraint systems. (Airbag deactivation switch and passenger ISOFIX anchorage isn't available on the markets of Australia and New Zealand)

After a child restraint system has been installed on the front passenger seat, do not adjust the seat.

On some models, a deactivation switch is provided for the front passenger airbag. Do not switch off the front passenger airbag until you have read the section 'Front Passenger Airbag Deactivation Switch'.

⚠ WARNING

Use the correct child restraint system for the child:
To provide effective protection in the event of an accident or emergency braking, children must be properly restrained by a seat

belt or child restraint system, according to their age and size. Children can be seriously injured or even killed in accidents.

Follow the manufacturer's instructions and always keep the child restraint system securely fastened:
An unsecured child restraint system is extremely dangerous. In the event of emergency braking or a collision, the child restraint system may move, causing serious injury or death to the child or other passengers. Secure the child restraint properly in accordance with the manufacturer's instructions. When not in use, remove it from the vehicle or secure it properly with a seat belt or the ISOFIX anchorages, as applicable.

Always secure a child in a suitable child restraint system:
It is extremely dangerous to hold a child in your arms while the vehicle is in motion. In the event of an accident, no matter how strong an adult may be, they will not be able to hold a child securely during emergency braking or a collision. This could result in serious injury or death to the child or other passengers. Even in a moderate collision, a child may be struck by a deploying airbag, which can cause serious injury or death. A child may also be thrown against an adult, injuring both the child and the adult.

Extreme Hazard! Never use a rear-facing child restraint on the front passenger seat if the front passenger airbag could deploy. If necessary, the front passenger airbag must be deactivated via Connected Services.
(Airbag deactivation switch and passenger ISOFIX anchorage isn't available on the markets of Australia and New Zealand):

Never install a rear-facing child restraint on the front passenger seat unless the front passenger airbag is turned off. Vehicles equipped with a front passenger airbag carry the following warning labels.



In a collision, a deploying airbag can strike a child restraint and force it violently rearwards, causing serious injury or death to the child. When using a rear-facing child restraint on the front passenger seat, make sure the front passenger airbag is switched off.



Do not install a forward-facing child restraint on the front passenger seat unless this is unavoidable.
In a collision, deployment of the front passenger airbag could cause serious injury or death to a child. If a forward-facing child restraint must be installed on the front passenger seat, move the seat as far back as possible. If required, the front passenger airbag must be switched off via Connected Services. (Airbag deactivation switch and passenger ISOFIX anchorage isn't available on the markets of Australia and New Zealand)



Do not allow anyone to lean against or out of the side window in a vehicle fitted with side and curtain airbags.
Leaning against the side windows, seatback bolsters, front or rear pillars, or roof side rails where the side and curtain airbags deploy is extremely dangerous, even when using a child restraint. The force of a deploying side or curtain airbag can cause serious injury or death to a child. In addition, leaning against the door may interfere with deployment of the side and curtain airbags, reducing their protective effect. The rear seats are always the safest place for children because the front seats are equipped with airbags. Take particular care to ensure that children do not lean against the side windows, even when seated in a child restraint.

Never use one seat belt for more than one person at a time.
Sharing a seat belt is dangerous. A seat belt cannot restrain two people properly. In a collision, they may strike each other and suffer serious injury or death. Never use a seat belt for more than one occupant at a time. Make sure that every occupant is properly restrained whenever the vehicle is in motion.

Use the tether strap and tether anchorage only for a child restraint.
The child restraint anchorages are designed to withstand only the loads imposed by a correctly installed child restraint. They must not be used as an adult seat belt or for securing luggage or any other item to the vehicle.

Always remove the head restraint before installing a child restraint, except when installing a booster seat.
Installing a child restraint without removing the head restraint is dangerous. Improper installation of a child restraint may result in serious injury or death in a collision.

⚠ CAUTION

A seat belt or child restraint can become very hot in a closed vehicle in warm weather. To avoid burns, check them before use.

NOTE

- Your Mazda is equipped with ISOFIX anchorages for securing ISOFIX-compatible child restraints on the rear seats and, where applicable, the front passenger seat.
- Children weighing up to 18 kg (40 lb) (approximately 3 years old) should travel in a recommended rear-facing child restraint.

▼Proper Child Seating



Children under 12 years of age, or less than 150 cm (59.055 in) tall, must travel in the rear seats only and use an approved child restraint system.

If a child exceeds the size limit for a child restraint system and is over 3 years old, secure the child using the vehicle seat belt.

Never leave a child unattended in the vehicle. They could:

- open the vehicle doors, endangering themselves or other road users;
- exit the vehicle and obstruct traffic, or injure themselves;
- operate vehicle equipment, increasing the risk of an accident or injury.

Additionally, a closed vehicle can become extremely hot. Children may suffer serious injury or death if they cannot exit the vehicle in time. There is also a risk of injury due to unauthorised entry into the vehicle.

A child restraint system may be used in a rearward-facing or forward-facing position according to the child's age and size. Always install the child restraint system strictly in accordance with the manufacturer's instructions, taking into account the child's age, height and weight.



⚠ WARNING

- Never leave a child alone in the vehicle.
- Never carry an infant or toddler on your lap while the vehicle is in motion.
- Do not allow a passenger and an infant, or two children, to share the same seat belt while the vehicle is in motion.
- Check the position of the seat belts frequently, as a child's movements may cause them to sit incorrectly.

Child Restraint Systems
Use only a child restraint that complies with applicable national safety standards.

Select a child restraint based on the child's age, height and weight.

Install and use the child restraint strictly in accordance with the child restraint manufacturer's instructions.

Never use a rear-facing child restraint on a seat protected by an activated front airbag. If installation on the front passenger seat is unavoidable, the front passenger airbag must be disabled through the Connected Service. (Airbag deactivation switch and passenger ISOFIX anchorage isn't available on the

markets of Australia and New Zealand)



WARNING

- Child restraints may be installed on the rear outboard seats or, if permitted, on the front passenger seat. If a rear-facing child restraint is fitted to the front passenger seat, the front passenger airbag must be switched off using the vehicle settings, if fitted. (Airbag deactivation switch and passenger ISOFIX anchorage isn't available on the markets of Australia and New Zealand)
- Ensure the rear seatbacks are securely latched before installing child restraints.
- After installing the child restraint, pull it firmly to check it is secure. After installation, the child restraint must not move more than 25 mm (0.984 in) in any direction.
- Ensure the child restraint is securely fastened before each use.
- For child restraints secured with a three-point seat belt, route the seat belt through the designated belt path without twists and insert the tongue fully into the buckle.

WARNING

- Do not place items such as cushions under or behind the child restraint.
- If the child restraint is exposed to direct sunlight, it can become very hot and may cause burns. Always check the seat fabric and buckle temperature before use.
- When the child restraint is not in use, secure it firmly using its anchor points or a seat belt, or remove it from the vehicle.
- If any safety components or their fixings have been damaged or loaded in an accident, have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

WARNING

- Use a child restraint appropriate for the child's size and weight.

- The seat's ISOFIX lower anchorages must only be used for ISOFIX-compatible child restraints.
- Do not attach straps, non-ISOFIX child seats, or any other items to the ISOFIX fixings.

Child Restraint System Installation

▼Categories of Child Restraint Systems

NOTE

When purchasing a child restraint system, ask the manufacturer which type is suitable for your child and your vehicle.

(Europe and countries complying with UN R44 and UN R129) Child restraint systems are classified into the following five groups in accordance with these regulations.

Group	Age	Weight	Size Classification/ Fixture (CRF)
0	Up to about 9 months old	Less than 10 kg (22 lb) (22 lb maximum)	ISO/L1
			ISO/L2
			ISO/R1
0+	Up to about 2 years old	Less than 13 kg (29 lb) (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)	-

(Australia and New Zealand) Child restraint systems in Australia and New Zealand must comply with AS/NZS 1754/91 or its subsequent versions. For the requirements of latest technical specification, please consult local state government authorities.

(Other countries) Comply with the legal requirements for the use of child restraint systems in your country.

NOTE

- The mounting position depends on the type of child restraint system. Read the manufacturer's instructions and this manual carefully.
- Because of differences in the design of child restraint systems, vehicle seats and seat belts, no child restraint system can be used in all seating positions. Before purchasing a child restraint system, check that it can be properly installed in the specific vehicle seating position in which it is intended to be used. If a previously purchased child restraint system is not suitable, you may need to purchase a different one.

The recommended child restraint systems (CRS) are classified according to the child's height, based on UN R129.

Child Height	CRS Manufacturer	CRS Model	Installation method	Installation orientation
40-83cm	Britax Römer	BABY-SAFE 3 i-SIZE	Belt mounted	Rearward facing
76-105cm	Britax Römer	TRIFIX2 i-SIZE	ISOFIX with top tether	Forward-facing
100-135cm	Britax Römer	KIDFIX i-SIZE	ISOFIX with seat belt	Forward-facing
100-150cm	Osann	Junior ISOFIX R129	ISOFIX with seat belt	Forward-facing

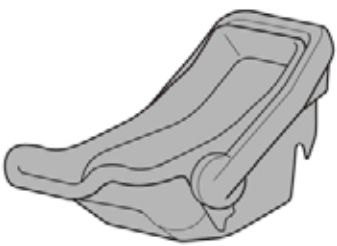
⚠ CAUTION

When using the recommended child seat, the Britax Römer KIDFIX i-SIZE, the XP-PAD accessory must be used. The seat belt should be routed through the XP-PAD and the SecureGuard. For further details, refer to the child restraint manufacturer's manual.

▼Child Restraint System Types

In this Owner's Manual, explanations are provided for the following three common types of child restraint system secured with seat belts: baby seat, child seat and junior seat.

Baby seat
Corresponds to Group 0 and Group 0+ under UN R44 and UN R129.



Child seat
Corresponds to Group 1 under UN R44 and UN R129.



Junior seat
Corresponds to Group 2 and Group 3 under UN R44 and UN R129.



①Full booster seat

②Booster seat

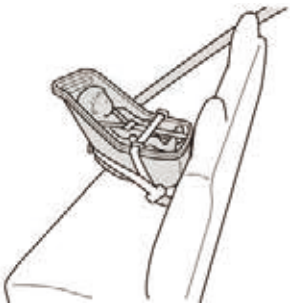
When using a booster seat, always fit the vehicle head restraint to the seating position where the booster seat is installed.

(Australia and New Zealand)
Child restraint systems in Australia and New Zealand must comply with AS/NZS 1754/91 or its subsequent versions. For the requirements of latest technical specification, please consult local state government authorities.

(Other countries) Comply with the legal requirements for the use of child restraint systems in your country.

▼Baby Seat Installation Position

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



⚠ WARNING

Always install a baby seat in a suitable seating position:

It is dangerous to install an infant seat without first consulting the table “Child restraint system suitability for various seating positions”. The infant seat cannot be secured properly when installed in an unsuitable seating position. In a collision, the child could strike part of the vehicle or another occupant, resulting in serious injury or death.

Never use a rear-facing child restraint on the front passenger seat if it is protected by an airbag (if necessary, the front passenger airbag must be disabled through the Connected Service)(Airbag deactivation switch and passenger ISOFIX anchorage isn’t available on the markets of Australia and New Zealand).



Do not use a rear-facing child restraint system on a seat protected by a front airbag unless the front passenger airbag deactivation switch is set to OFF.

The child restraint system could be struck by a deploying airbag and displaced, which could lead to serious injury or death.

If your vehicle is equipped with a front passenger airbag deactivation switch, always set the switch to OFF when installing a rear-facing child seat.

▼Child Seat Installation Position

Depending on the child's age and size, a child restraint system may be installed in either a forward-facing or rear-facing position. Always install the child restraint system strictly in accordance with the manufacturer's instructions and the vehicle's child restraint system suitability information.

Rear-facing type

⚠ WARNING

Always install a rear-facing child seat in a suitable seating position:

It is dangerous to install a rear-facing child seat without first consulting the table "Child restraint system suitability for various seating positions". A rear-facing child seat installed in an unsuitable seating position cannot be secured properly. In a collision, the child could strike part of the vehicle or another occupant, resulting in serious injury or death.

Never use a rear-facing child restraint system on the front passenger seat protected by an airbag unless the front passenger airbag deactivation switch is set to OFF.

The child restraint system could be struck by a deploying airbag and displaced. A child in the child restraint system could be seriously injured or killed.

If your vehicle is equipped with a front passenger airbag deactivation switch, always set the switch to OFF when installing a rear-facing child seat.



Forward-facing type

⚠ WARNING

Never install a forward-facing child seat in an unsuitable seating position:

It is dangerous to install a forward-facing child seat without first consulting the table "Child restraint system suitability for various seating positions". A forward-facing child seat installed in an unsuitable seating position may not be secured properly. In a collision, the child could strike part of the vehicle or another occupant, resulting in serious injury or death.



Never use a rear-facing child restraint on the front passenger seat if it is protected by an airbag (if necessary, the front passenger airbag must be disabled through the Connected Service)(Airbag deactivation switch and passenger ISOFIX anchorage isn't available on the markets of Australia and New Zealand).

In a collision, the deploying airbag may cause serious injury or death to a child. If a forward-facing child seat must be installed in the front passenger seat, deactivate the front passenger airbag through Connected Services and move the seat as far back as possible (Airbag deactivation switch and passenger ISOFIX anchorage isn't available on the markets of Australia and New Zealand). Make sure that the child restraint system is securely fastened.

▼Junior Seat Installation Position

A junior seat must be used in the forward-facing position only. We recommend using a junior seat to allow easier adjustment of the shoulder belt position and to provide the best protection for your child.



⚠ WARNING

Always install a junior seat in a suitable seating position:

Installing a junior seat without first consulting the table "Child restraint system suitability for various seating positions" is dangerous. A junior seat installed in an unsuitable seating position cannot be secured properly. In a collision, the child could strike part of the vehicle or another occupant and be seriously injured or killed.



Never use a rear-facing child restraint on the front passenger seat if it is protected by an airbag (if necessary, the front passenger airbag must be disabled through the Connected Service) (Airbag deactivation switch and passenger ISOFIX anchorage isn't available in Australia and New Zealand).

In a collision, the deploying airbag may cause serious injury or death to a child. If a forward-facing child restraint system must be installed in the front passenger seat, move the seat as far back as possible. If required, switch off the front passenger airbag using the vehicle touchscreen control (Airbag deactivation switch and passenger ISOFIX anchorage isn't available on the markets of Australia and New Zealand).

Child Restraint System Suitability for Various Seating Positions

▼Child Restraint System Suitability for Various Seating Positions (Europe and Countries Complying with UN R16)

The information provided in the table shows the suitability of child restraint systems for various seating positions. For information on the suitability of child restraint systems from other manufacturers, carefully consult the instructions supplied with 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, if required by the child restraint system manufacturer. However, when installing a backless booster seat, ensure that the vehicle head restraint is fitted to the seat on which the booster seat is installed. In addition, if required by the child restraint system manufacturer, use the top tether strap and fasten it securely.
- When installing a child restraint system on the front passenger seat, slide the seat as far back as possible. Adjust the seat cushion (if height adjustable) to the highest position at which the child restraint system can be securely fastened.
- If it is difficult to install a child restraint system on the front passenger seat, or if the seat belt cannot be fastened securely around the child restraint system, adjust the seat as follows so that the seat belt can be fastened securely.
    - Move the seat forward or back.
    - Move the seatback forward or back.
    - Raise or lower the seat. (Vehicles with seat height adjustment)
- When installing a child restraint system on a rear seat, adjust the front seat so that it does not contact the child restraint system.
- When installing a child restraint system equipped with a top tether, remove the head restraint if necessary to route and secure the tether correctly.

- An i-Size child restraint system is a child restraint system approved to UN R129 in the i-Size category.

When installing a child restraint system on a rear seat, refer to the child restraint system manufacturer's instructions and the section “Using ISOFIX Anchorages” in this manual.

Seating Position	Passenger				Rear (Left)	Rear (Centre)	Rear (Right)
	Airbag activated		Airbag deactivated				
	Europe	Other regions	Europe	Other regions			
Seating position suitable for a universal child restraint system (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)

Child Restraints

Seating Position	Passenger				Rear (Left)	Rear (Centre)	Rear (Right)
	Airbag activated		Airbag deactivated				
	Europe	Other regions	Europe	Other regions			
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
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 without Top Tether (Yes/No)	No	No	No	No	No	No	No

Chart symbols:

U = Suitable for “universal” category child restraint systems approved for use in this mass group.

UF = Suitable for forward-facing “universal” category child restraint systems approved for use in this mass group.

IUF = Suitable for ISOFIX forward-facing child restraint systems of the universal category approved for use in this mass group.

L: Suitable for special categories of listed child restraint systems. These child restraint systems may be of the Special Vehicle, Restricted or Semi-Universal category.

IL: Suitable for special categories of ISOFIX child restraint systems (CRS) listed for the vehicle. These ISOFIX child restraint systems may fall within the Special Vehicle, Restricted or Semi-Universal category. *2

i-U: Suitable for i-Size “universal” child restraint systems in both forward-facing and rearward-facing positions.

i-UF: Suitable for forward-facing i-Size “universal” child restraint systems only.

Yes: Child restraint system can be secured on the seat.

No: The child restraint system cannot be secured on the seat, or no suitable fixture is available.

X: Child restraint system cannot be installed.

*1： Child restraint system can only be installed in the forward-facing position.

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

(Other countries)

- For information on child restraint systems that can be installed in your Mazda, consult an expert repairer (we recommend an Authorised Mazda Repairer).
- A child restraint system with a support leg cannot be installed in the rear centre seating position.
- Please comply with the legal regulations concerning the use of child restraint systems in your country.
- For CRS that 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 seating position.

Installing Child Restraint Systems

▼Anchor Bracket

This vehicle is equipped with anchor brackets for securing child restraint systems. Use the illustration to identify each anchor point. Remove the head restraint before installing a child restraint system. Always follow the child restraint system manufacturer's instructions.

Anchor bracket locations

Use the specified anchor bracket locations when installing a child restraint system with a top tether strap.

Australia/New Zealand



①Left
②Centre
③Right

Other countries



①Left
②Right

⚠ WARNING

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

Attaching the tether strap to an incorrect tether anchor point is dangerous. In a collision, the tether strap could come loose and the child restraint system could become less secure. If the child restraint system moves, the child could be seriously injured or killed.

Always remove the head restraint before installing a child restraint system, except when installing a booster seat:

Installing a child restraint system without first removing the head restraint is dangerous. The child restraint system may not be installed correctly, which could result in serious injury or death to the child in a collision.



①Tether strap
②Anchor bracket
③Forward

Always refit the head restraint and adjust it to the correct position after removing the child restraint system.

Driving with the head restraint removed is dangerous. During emergency braking or a collision, the occupant's head may be unprotected, which could lead to serious injury or death.

▼Using the Seat Belt

When installing a child restraint system, always follow the manufacturer's instructions supplied with the product. Remove the head restraint. When installing a booster seat, ensure that the vehicle head restraint is refitted to the seating position used by the booster seat.

▼Using ISOFIX Anchorage Points

⚠ WARNING

Follow the child restraint system manufacturer's instructions when using and installing the child restraint system.

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

Make sure that the child restraint system is properly secured.

A child restraint system that is not properly secured is dangerous. In a sudden stop or collision, it could become a projectile and strike an occupant, causing serious injury or death. When not in use, remove it from the vehicle and place it in the luggage compartment, or at least make sure that it is securely fastened to the ISOFIX anchorage points.

Make sure that there are no seat belts or foreign objects near the ISOFIX anchorage points or the child restraint system.

Failure to follow the child restraint system manufacturer's instructions when installing the child restraint

system is dangerous. If a seat belt or foreign object prevents the child restraint system from being securely attached to the ISOFIX anchorage points, the child restraint system could move during a sudden stop or collision, causing serious injury or death to the child or other occupants. When installing the child restraint system, make sure that there are no seat belts or foreign objects near the ISOFIX anchorage points. Always follow the child restraint system manufacturer's instructions.

1. First, adjust the front seat to provide enough space for the child restraint system and the front seat. If the rear seatback is reclined, return it to the upright position.
2. Make sure that the seatback is securely latched by pushing it rearwards until it locks into place.
3. Remove the covers from the ISOFIX anchorage points to confirm their locations.



① ISOFIX anchorage point

NOTE

- The ISOFIX marking on the cover indicates the position of the ISOFIX anchorage points for attaching a child restraint system.
- Store the removed covers in a safe place so that they are not lost.

4. Remove the head restraint. However, when installing a booster seat, always fit the vehicle head restraint to the seat on which the booster seat is installed.
5. Secure the child restraint system using the ISOFIX anchorage points, following the child restraint system manufacturer's instructions.
6. If the child restraint system is equipped with a top tether, it is essential to secure the tether properly for the child's safety. Carefully follow the child restraint system manufacturer's instructions when installing the tether strap.

⚠ WARNING

Never secure more than one child restraint system to a single anchorage point, as this could

result in serious injury or death to a child.

CAUTION

- Before installing the child restraint system, make sure that there are no obstructions around the ISOFIX anchorage points.
- The ISOFIX anchorage points are designed only for compatible child restraint systems. Do not use them to secure other items or equipment.

Front Passenger Seat ISOFIX Anchorage Points

ISOFIX Label Location



ISOFIX is a standard anchorage system for installing compatible child restraint systems on the front passenger seat. ISOFIX anchorage points for compatible child restraint systems are provided on the seat. The ISOFIX labels help you to locate the child restraint anchorage points quickly.

ISOFIX Top Tether Anchorage Location

When installing a child restraint system with a tether strap, use the indicated top tether anchorage point.



ISOFIX Lower Anchorage Point Location

The lower anchorage points are located at the junction of the seat cushion and seatback of the front passenger seat.



①ISOFIX anchorage point

Child Presence Detection

▼Child Presence Detection*

(Applicable to the models in Europe, Australia, and New Zealand.)

Child Presence Detection

Life Detection uses life presence radar to detect micro-movements and breathing patterns. After the vehicle is locked and powered off, the system automatically checks for any living occupant inside the vehicle and issues a warning if one is detected.

When you disable the Child Presence Detection function, a pop-up window displaying “Friendly Reminder” appears. The function is disabled only after confirmation.

By default, this function is enabled. It can be disabled only for the current drive cycle. Once disabled, it is automatically re-enabled when the vehicle is restarted. To enable or disable this function, go to the centre display: "Vehicle Menu → Safety Maintenance → Child Presence Detection".

NOTE

- This system uses radar to detect vital signs, such as breathing and micro-movements, of living occupants. Although the system is designed to minimise the effects of environmental factors, such as hanging objects and vibrations from inside or outside the vehicle, false alarms may still occur occasionally.

Life Presence Radar

- The front radar is located on the inside of the headliner, next to the front map light, as shown below:

  Left-hand drive models



  Right-hand drive models



- The rear radar is located in the headliner above the centre of

the rear seats, as shown below:



Life Detection Alert
When the Child Presence Detection function is enabled, the vehicle enters detection mode after it is locked and powered off. If a living occupant is detected inside the vehicle, the alert function is activated immediately. If no living occupant is detected within 3 minutes, Child Presence Detection is automatically deactivated. The alert function operates in three stages:

- Stage 1: The horn sounds for 10 seconds and the hazard warning flashers flash for 1 minute to alert the owner. At the same time, a message is sent via the cloud to the app: Life Form Detected in Your Vehicle, Please Attend to the Vehicle Immediately to Prevent Any Incidents；
- Stage 2: If no door is opened within 10 seconds after Stage 1, the system enters Stage 2. The horn sounds for 20 seconds and the hazard warning flashers remain on. In addition, another message is sent via the cloud to the app: Life Form Detected in Your Vehicle, Please Attend to the Vehicle Immediately to Prevent Any Incidents；
- Stage 3: 9 minutes after the vehicle is locked, or 8 minutes and 50 seconds after a living being is first detected, the automatic climate control system turns on, is set to 25°C, and switches to AUTO mode. A message is sent via the cloud to the app: "To Ensure the Safety of the Person or Animal In the Vehicle, the Fully Automatic Climate Control Has Been Activated. Please attend to the vehicle as soon as possible. ”

⚠ WARNING

- Life Detection Alert is an auxiliary safety function and may occasionally fail to detect. Do not rely solely on Life Detection Alert.
- Do not leave any person unattended in the vehicle. Mazda is not liable for any injury resulting from leaving a person unattended in the vehicle.
- When Relax Mode, Rest Mode, or Pet Comfort Mode is active, the Child Presence Detection function is disabled. Do not leave children unattended in the vehicle.

Secondary Collision Reduction (SCR)

▼Secondary Collision Reduction (SCR)

SCR is a feature that automatically applies the brakes after a collision to stop the vehicle or reduce its speed, helping to mitigate or prevent the impact of a secondary collision. To help avoid or mitigate a secondary collision, the brakes are applied automatically to bring the vehicle to a stop. The stop lamps and hazard warning flashers will be activated, and the flashers will remain on after the vehicle has come to a stop. The electric parking brake will then be applied automatically. If stopping the vehicle is not desirable, you can override this function by pressing the accelerator pedal. This feature operates only if the braking system remains sufficiently intact after the collision.

Supplementary Restraint System (SRS) Precautions

▼Supplementary Restraint System (SRS) Precautions

The Supplementary Restraint System (SRS) comprises various front and side airbags. Look for the “SRS AIRBAG” markings to identify the airbags fitted to your vehicle. These markings are located on or near each airbag module.

Airbags are installed in the following locations:

- In the centre of the steering wheel (driver’s airbag).
- Left-hand drive models: Right side of the driver's seat (driver's far-side airbag); right-hand drive models: Left side of the driver's seat (driver's far-side airbag)
- In the front passenger side of the centre display panel (front passenger airbag).
- On the outer sides of the front seatbacks (side airbags).
- Along the A-, B- and C-pillars and both sides of the roof edge (curtain airbags).
- In the rear seating area (rear curtain airbags).

SRS airbags are designed to provide additional protection in certain types of impact. Seat belts remain essential for the following reasons:

Airbags alone cannot provide adequate protection. Always wear your seat belt to:

- Prevent occupants from being thrown against a deploying airbag.
- Reduce the risk of injury in collisions in which the airbags do not deploy (for example, rear impacts).
- Reduce the risk of injury in lower-severity frontal, near-frontal or side collisions, or in rollover accidents, that are not severe enough to deploy the airbags.
- Reduce the risk of being ejected from the vehicle.
- Help protect the lower body, especially the legs, which are not protected by airbags.
- Help keep the driver in a position that allows better control of the vehicle.

Children who are too small to use a seat belt must be properly secured in an appropriate child restraint system.

Select a suitable child restraint system for your child and install it

in accordance with this Owner's Manual and the child restraint manufacturer's instructions.

⚠ WARNING

Seat belts must be worn even in vehicles equipped with airbags: Relying solely on airbags is dangerous and may not prevent serious injury. Airbags deploy only in certain moderate to severe frontal, near-frontal or side collisions. Always wear your seat belt when travelling in the vehicle.

Children must not travel in the front passenger seat: Never allow a child aged 12 or under to travel in the front passenger seat. A deploying airbag can cause serious injury or death. A sleeping child leaning against the door may be struck by a side airbag in a moderate collision on the passenger side of the vehicle.

Whenever possible, always secure a child aged 12 or under in the rear seats using 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 if the front passenger airbag could deploy. If necessary, deactivate the front passenger airbag through the vehicle settings. (Airbag deactivation switch and passenger ISOFIX anchorage isn't available on the markets of Australia and New Zealand)

Even in a minor collision, a rear-facing child restraint system can be struck by a deploying airbag and forced violently rearwards, causing serious injury or death to the child. When using a rear-facing child restraint system on the front passenger seat, ensure that the front passenger airbag deactivation switch is set to OFF and confirm that the indicator shows "airbag OFF".

Left-hand drive models



Right-hand drive models



Do not sit too close to the driver's or front passenger's airbag modules:
It is extremely dangerous to sit too close to the driver's or front passenger's airbag modules, or to place your hands or feet on the airbag modules. The driver's and front passenger's airbags deploy with great force and speed. Sit well back in the seat, keep the seatback reasonably upright, and wear your seat belt properly. The driver should always hold the outer rim of the steering wheel. Front passengers must keep both feet on the floor.

Sit in the centre of the seat and wear the seat belt properly:
Do not sit close to the side airbag modules, place your hand on a side airbag module, sleep against the door, or hold on to the window. Side airbags and curtain airbags deploy with great force along the door area on the side of the vehicle affected by the collision. Serious injury could result if an occupant sits close to the door or leans against the window, or if a rear seat occupant grasps the side of a front seatback. When the vehicle is in motion, sit in the centre of the seat and wear the seat belt properly, leaving sufficient space for the side and curtain airbags to deploy.

Do not fit or place objects on or around the areas where the airbags deploy:
Fitting items over an area where an airbag deploys is dangerous. In the event of a collision, these items could prevent the airbag from deploying correctly, damage the airbag, or cause injury to occupants. Keep the deployment areas of the airbag modules free from obstruction. For example, do not do any of the following, as they may interfere with airbag deployment.

- Do not cover, or place anything against, areas such as the centre display panel and the lower portion of the centre display panel, where the front passenger airbag deploys.
- Do not use seat covers on seats equipped with side airbags.
- Do not hang backpacks, bags or pouches over the sides of

the seats where they could obstruct the side airbags.

- Do not place any objects on the grab handles.

Do not touch any components of the Supplementary Restraint System after the airbags have deployed:
Touching components of the Supplementary Restraint System after the airbags have deployed is dangerous. Immediately after deployment, these components are very hot and may cause burns. Do not touch them.

Do not fit any front-end equipment to your vehicle:
Installing front-end equipment, such as frontal protection bars (bull bars or push bars), snowploughs or winches, is dangerous. The airbag crash sensor system could be affected, causing the airbags to deploy unexpectedly or preventing them from deploying in a collision. Serious injury could result.

Do not modify the suspension system:
Modifying the vehicle's suspension system is dangerous. If the vehicle's ride height or suspension is altered, the vehicle may be unable to detect a collision or rollover accurately, resulting in incorrect or unexpected airbag deployment and possible serious injury.

Do not modify a front door or leave any damage unrepaired. Always have a damaged front door inspected by an expert repairer (we recommend an Authorised Mazda Repairer):
Each front door contains a side crash sensor that forms part of the Supplementary Restraint System. Holes, removal of speakers or damages on the front door may adversely affect the sensor, which could prevent it from correctly detecting the impact force in the event of a side collision. If a sensor does not detect a side impact correctly, the side and curtain airbags and the seat belt pretensioners may not operate properly, which could result in serious injury to the occupants.

Do not modify the Supplementary Restraint System:
Modifying the components or wiring of the Supplementary Restraint System is dangerous. You could accidentally activate the system or render it inoperative. Do not make any modifications to the Supplementary Restraint System. This includes fitting trim, badges or any other items over the airbag modules, or installing additional electrical equipment on or near system components or wiring. An expert repairer (we recommend an Authorised Mazda Repairer) can provide the special care required when removing and installing the front seats. It is

important to protect the airbag wiring and connections to ensure that the airbags do not deploy accidentally, that the driver's seat slide position sensor is not damaged, and that the seats retain an intact airbag connection.

Do not place luggage or other objects under the front seats:
Placing luggage or other items under the front seats is dangerous. Important components of the Supplementary Restraint System may be damaged and, in the event of a side collision, the appropriate airbag may not deploy, which could result in serious injury or death. To avoid damaging important components of the Supplementary Restraint System, do not place luggage or other items under the front seats.

Do not drive a vehicle with deployed or damaged airbag or seat belt pretensioner system components:
Any deployed or damaged airbag or seat belt pretensioner system components must be replaced after any collision in which they deployed or were damaged. Only a trained expert repairer (we recommend an Authorised Mazda Repairer) can fully evaluate these systems to ensure that they will operate properly in any subsequent accident. Driving with a deployed or damaged airbag or pretensioner unit will not provide the necessary protection in the event of a subsequent accident, which could result in serious injury or death.

Do not remove interior airbag parts:
Removing components such as the front seats, centre display panel, steering wheel, or trim parts on the front and rear window pillars and along the roof edge that contain airbag components or sensors is dangerous. These parts contain essential airbag components. The airbag could deploy accidentally and cause serious injury. Always have these parts removed by an expert repairer (we recommend an Authorised Mazda Repairer).

Dispose of the airbag system properly:
Improper handling of airbags or of vehicles containing undeployed airbags is extremely dangerous. Failure to follow all safety procedures may result in injury. Have an expert repairer (we recommend an Authorised Mazda Repairer) dispose of the airbag system safely or scrap the airbag-equipped vehicle.

⚠ CAUTION

- When an airbag deploys, you will hear a loud bang and some white smoke or powder may be released. These will not cause

injury to the occupant; however, the airbag material may cause minor friction abrasions to areas of the occupant body not covered by clothing.

- If you sell your Mazda, we urge you to inform the new owner about its airbag systems and the importance of becoming familiar with all related instructions in the Owner's Manual.
- This highly visible label warns against using a rear-facing child restraint system on the front passenger seat.



- This prominent warning label states: Do not lean against the door. This could result in death or serious injury if the side airbag deploys.



Front Passenger Airbag Deactivation Switch

▼Front Passenger Airbag Deactivation Switch

⚠ WARNING

Do not deactivate the front passenger airbag unless necessary (Airbag deactivation switch and passenger ISOFIX anchorage isn't available in Australia and New Zealand):
Deactivating the front passenger airbag when it is not necessary is dangerous: the front passenger will not receive the additional protection provided by the airbag and could be seriously injured or killed. Set the deactivation switch to 'OFF' only when a child restraint system (CRS) is fitted to the front passenger seat.

On the centre display, select Vehicle Menu→ Safety to access the front passenger airbag deactivation switch.

If a child restraint system is installed on the front passenger seat, deactivate the front passenger airbag using the front passenger airbag deactivation switch. When the power is switched on, and after the centre display has completed initialisation with no communication faults, the front passenger airbag on-screen switch is available and can be operated.

⚠ CAUTION

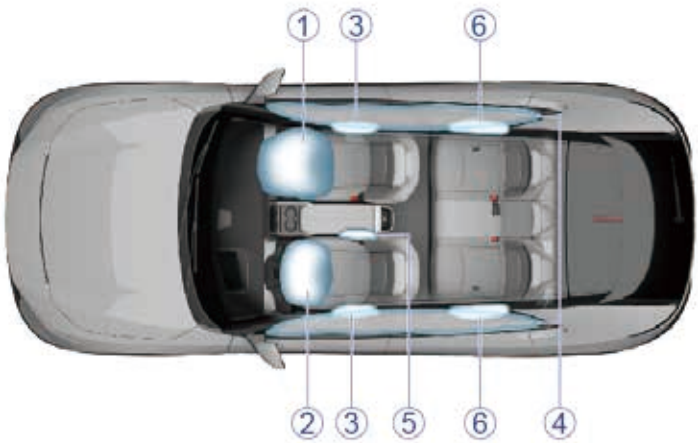
Have the front passenger airbag deactivation switch inspected by an expert repairer (we recommend an Authorised Mazda Repairer) if any of the following occurs:

- When the power is switched on and the centre display has completed initialisation, the front passenger airbag deactivation switch is greyed out and unlit, indicating that it cannot be operated. A pop-up message also appears.

Supplementary Restraint System (SRS) Components

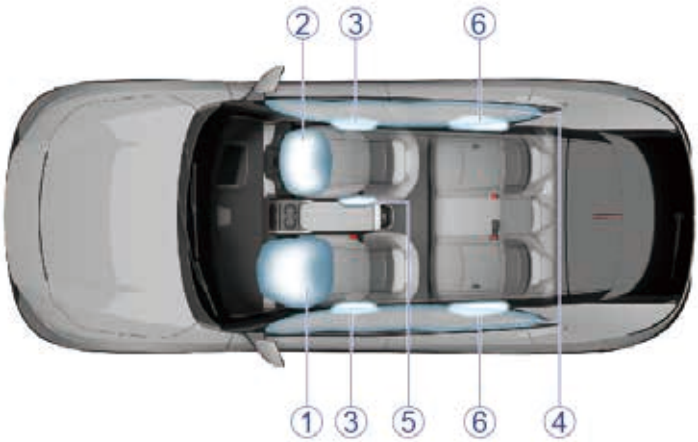
▼Supplementary Restraint System (SRS) Components

Left-hand drive models



Right-hand drive models

SRS Airbags



①Front Passenger Airbag
②Driver's airbag
③Side Airbag
④Side Curtain Airbag
⑤Driver's far-side airbag
⑥Rear Curtain Airbag

How the SRS Airbags Work

▼How the SRS Airbags Work

The airbags are part of the Supplementary Restraint System (SRS).

The airbag system is a supplementary restraint system and does not replace the seat belts. Always wear your seat belt, adjust the seat to the correct position, and maintain a proper seating posture while driving.

In the event of a severe collision, the airbags deploy between the occupants and certain interior components, forming a cushion to help reduce injury.

⚠ WARNING

- The airbag system is specifically calibrated for this vehicle and must not be replaced with non-approved parts, as this may cause the system to malfunction.
- The airbag system must be replaced throughout the vehicle either after the airbags have deployed or 10 years after the vehicle has been put into service, to ensure that the system functions correctly.
- Do not dismantle, modify or damage the airbags or any related components, as this may cause the airbag system to malfunction. This could result in the system failing to provide the expected protection in an accident, or in unintended deployment, which could cause serious injury or death.
- If the airbag system malfunctions, have the vehicle inspected by a qualified repairer (we recommend an Authorised Mazda Repairer).

⚠ WARNING

- Airbag labels are fitted in areas of the vehicle where airbags are installed. Do not place or attach any objects in airbag deployment areas.
- Do not allow any person, animal or object to be between an occupant and an airbag.
- Do not smoke while driving, as there is a risk of burns if an airbag deploys.
- Children aged 12 and under should sit in the rear seats and use suitable child restraint systems.

▼System Overview

The airbags can operate only when the vehicle is powered on.

The airbag warning light must indicate normal operation.

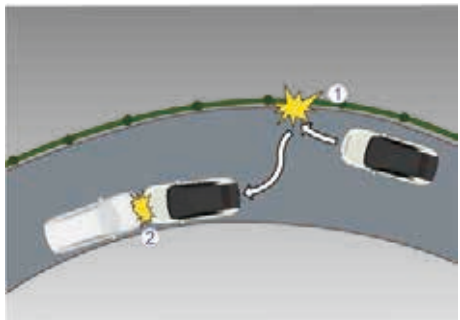
SRS Airbags

Airbag deployment is not directly related to the extent of vehicle damage, and airbags do not deploy in all collisions. Deployment depends on several factors, including vehicle speed at the time of impact, the angle of impact and the overall vehicle deceleration.

When the vehicle strikes deformable or movable energy-absorbing objects (for example, guardrails or trees), the threshold for airbag deployment may be higher than when it strikes rigid, non-deformable objects.

If heavy braking is applied before impact, the impact severity may fall below the deployment threshold, so the airbags may not deploy.

In a single-vehicle multiple-impact collision, the airbags will deploy only if the first impact meets the deployment criteria. In a subsequent minor collision (1), they may not deploy. In a later, more severe collision (2), deployment may occur if the threshold is met.



⚠ WARNING

- Make sure the airbag system is functioning correctly. If the airbag warning light indicates a fault, have the vehicle inspected by an expert repairer. We recommend an Authorised Mazda Repairer. Failure to do so may prevent the airbags from deploying in a collision, increasing the risk of injury.
- If the vehicle has been submerged in water or the passenger compartment has been flooded, have the vehicle inspected by an expert repairer. We recommend an Authorised Mazda Repairer. This helps prevent a malfunction of the airbag control unit, which could otherwise cause unexpected airbag deployment or failure to deploy, resulting in an accident or personal injury.

Seat Belt Pretensioners

1. On impact, sensors detect deceleration above a set threshold and send a signal to the airbag control unit, which determines whether deployment is required.
2. The airbag receives a deployment command from the control unit and inflates, creating a cushioning barrier between the occupant and the interior trim.



3. The airbag helps to absorb impact energy and, together with the seat belt, helps to protect the occupant's head and upper torso, reducing the risk of injury.



4. Gas is then rapidly vented from the airbag to help reduce the force on the occupant.

⚠ WARNING

- A loud noise and a brief release of smoke or dust when the airbag deploys are normal.
- Although it is non-toxic, the dust may cause temporary respiratory discomfort. Open the windows as soon as possible to maintain ventilation, and wash any powder from the eyes or skin immediately.
- After deployment, airbag components may be very hot. Do not touch these areas or nearby parts. If any residue comes into contact with the skin or eyes, rinse immediately with plenty of water to reduce the risk of irritation or an allergic reaction.

- Because airbags inflate very rapidly and with considerable force, minor injuries such as abrasions and bruising may occur. In some cases, fractures may also occur.
- Airbags are single-use components and must be replaced after deployment.

Airbag warning light
The airbag warning light is red.

When the vehicle is unlocked and the power is switched on, the airbag warning light illuminates for approximately 3 to 5 seconds and then goes out. Under normal operating conditions, the airbag warning light remains off.

Driver's airbag
The driver's airbag warning label is located on both the front and reverse sides of the front passenger sun visor. Read the label carefully.

The driver's airbag is housed in the steering wheel, and the cover is marked “AIRBAG”. It deploys in a frontal collision when the deployment criteria are met.

Left-hand drive models



Right-hand drive models



Front Passenger Airbag
The front passenger airbag is located in the centre display panel above the glovebox. The panel is marked “AIRBAG”. It deploys in a frontal collision when the deployment criteria are met.

Left-hand drive models



Right-hand drive models



⚠ WARNING

- Do not install rear-facing child restraint systems on the front passenger seat, nor allow children under 12 years of age or shorter than 150 cm (59.055 in) to ride in this seat. Deployment of the airbag may cause injury to children.
- When the vehicle is moving, passengers must remain seated correctly and must not rest their feet or legs on the centre display panel. Do not use the front passenger airbag cover as a storage shelf.
- Keep the centre display panel and windscreen area clear of obstructions. Do not fit sunshades, coverings or other materials, and do not install mounts for devices such as navigation systems or mobile phones, or any decorative items, in this area.

Side Airbag

The side airbag warning label is located on the front door aperture trim. Read the label carefully.

Side airbags are installed in the outer side of the front seat backrests, with an "AIRBAG" label sewn into the side of each backrest. They deploy in certain side collisions when the deployment criteria are met, forming a cushion between the occupant and the door to help protect the occupant's chest.



⚠ WARNING

- Do not fit seat covers or cushions to seats equipped with side airbags, and do not replace the seat trim without authorisation. This may prevent the airbags from deploying correctly or may cause unintended deployment, which could result in injury.
- Do not hang items such as coats on the seat backrest.

Side Curtain Airbag

The curtain airbags are installed along the side roof rails and headlining. The B-pillar trim is

marked “AIRBAG” near the headlining. They deploy in certain side collisions when the deployment criteria are met, forming a cushion between the occupant and the side structure to help protect the head.



⚠ WARNING

- Do not lean your head or body against the side window or the curtain airbag deployment area.
- Do not place any objects between the seat backrest and the door.

Far-Side Airbag
The far-side airbag is installed in the driver's seat backrest, with an “AIRBAG” label sewn into the right-hand side of the backrest. It deploys in certain side collisions when the deployment criteria are met.

Main function: The front far-side airbag helps increase separation between the driver and front passenger during certain collisions, helping to provide improved head protection.

Left-hand drive models



Right-hand drive models



Rear Curtain Airbags
Rear side airbags are installed in the outer sides of the rear seat backrests, with “SRS AIRBAG” labels sewn into both sides of the backrests. They deploy in certain side collisions when the deployment criteria are met, forming a cushion between the

occupant and the door to help protect the occupant's chest.



SRS Airbag Deployment Criteria

▼SRS Airbag Deployment Criteria

This chart shows which SRS components may deploy depending on the type of collision.

(The illustrations show representative collision scenarios.)

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 air bag for driver and front passenger (inboard)	—	X	
Side air bags for driver and front pas-asenger (outboard)	—	X (impact side only)	
Side air bags for rear passengers	—	X	
Curtain air bag	—	X (impact side only)	

Chart symbols:

X: The SRS airbag deploys in the collision shown.

—: The SRS airbag does not deploy in the collision shown.

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

NOTE

In a frontal offset collision, the fitted airbags and pretensioners may all deploy depending on the direction, angle and severity of the impact.

Limitations to SRS Airbag

▼Limitations to SRS Airbag

In the event of a serious collision, as described in the “SRS Airbag Deployment Criteria”, the appropriate SRS airbag equipment will deploy. However, in some accidents, the equipment may not deploy, depending on the type and severity of the collision.

Limitations of front and near-front collision detection:

The following illustrations show examples of front and 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-end collision with, or underride of, a lorry tailgate



Limitations of side collision detection:

The following illustrations show 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 involving two-wheeled vehicles



3. Rollover



MEMO

3 Before Driving

Information on using various features, including the keys, doors, mirrors and windows.

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Electric Vehicle.....3-2

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Towing.....3-63

Electric Vehicle

▼Electric Vehicle

The electric vehicle is powered by electricity. This vehicle is driven by an electric motor powered by a high-voltage battery installed beneath the cabin floor.

▼Overview of Compartments



①High-Voltage Battery

②Electric Drive System Assembly

③Charging Port

Regenerative Braking

Regenerative braking uses the motor to help slow the vehicle. As the vehicle decelerates, the motor acts as a generator, converting kinetic energy into electrical energy, which is then stored in the high-voltage battery.

NOTE

- The vehicle should be fully charged every 2 to 3 months, as the high-voltage battery will gradually discharge itself when the vehicle is not driven for long periods. If the high-voltage battery becomes

fully discharged, the vehicle cannot be started. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

- The service life of the high-voltage battery varies depending on storage conditions and vehicle use.

▼High-Voltage Precautions

⚠ WARNING

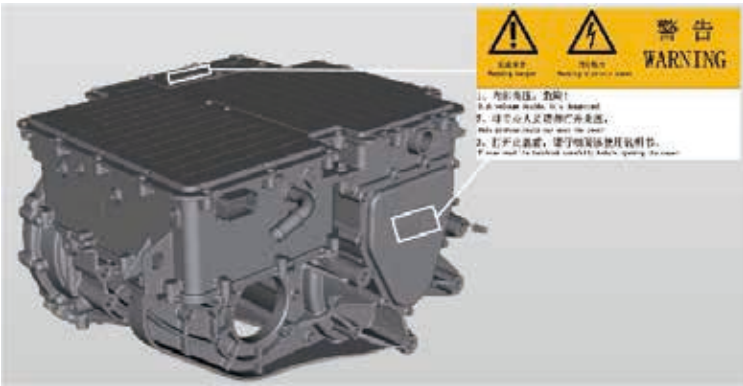
Exercise extreme caution in high-voltage areas. Do not dismantle, modify or remove any high-voltage components.
Certain components of the vehicle present potential safety hazards. These components are clearly identified by warning labels. Under no circumstances should these components be touched during operation, as there is a risk of electric shock.

Exercise caution in high-temperature areas.
Always follow the instructions on the labels in the motor compartment. After driving, the motor may be extremely hot.

Do not open the hood when EV system is running:
If the cooling fan in the motor compartment may start suddenly, your hands, clothing, or accessories could be caught in or struck by the fan, causing serious injury or death.

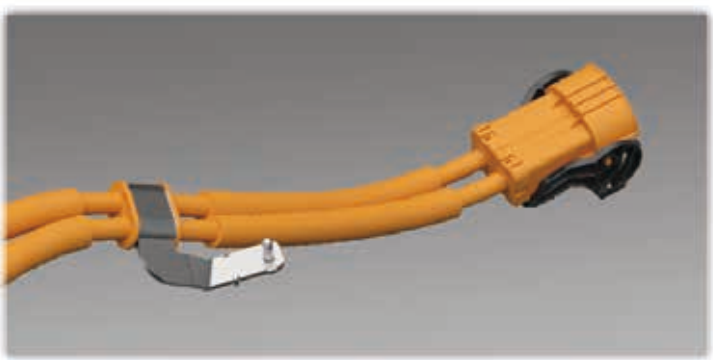
▼Electric Drive System Assembly

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



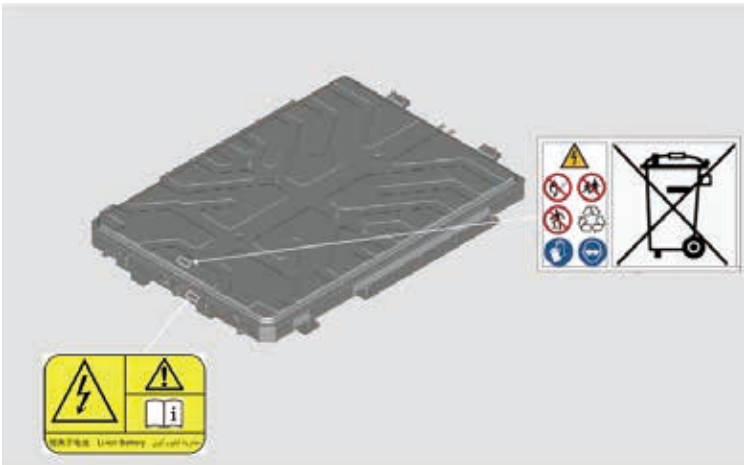
▼High-Voltage Cable Colour Coding

High-voltage cables inside the vehicle are identified by their orange colour.



▼High-Voltage Battery Assembly

The high-voltage battery assembly bears the following warning labels on its surface.

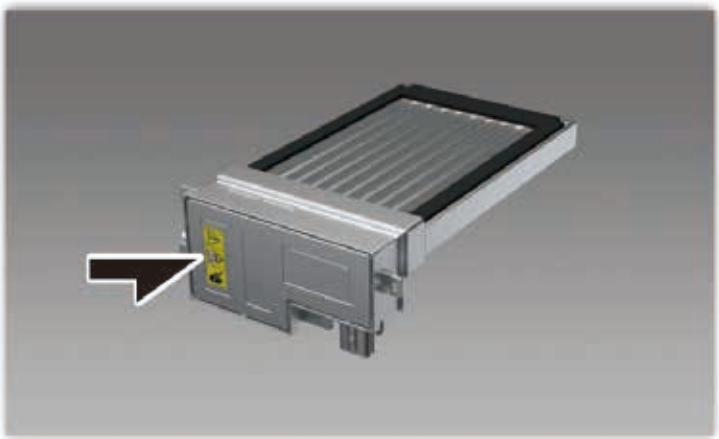


⚠ CAUTION

- The high-voltage battery assembly is located underneath the vehicle. Drive carefully on rough roads to avoid damaging the high-voltage battery assembly by scraping or striking the underside of the vehicle.
- To help ensure the service life and safety of the high-voltage battery assembly, the charging current is adjusted according to the state of charge and battery temperature. This may affect the charging time.
- The driving range may vary depending on driving style, road conditions, ambient temperature and use of the vehicle's electrical systems, even when the high-voltage battery assembly is operating normally.
- Due to the chemical characteristics of the high-voltage battery assembly, its capacity will gradually decrease over time, resulting in a reduced driving range. This is normal. If you notice a significant reduction in driving range, have the vehicle inspected by a qualified service technician.

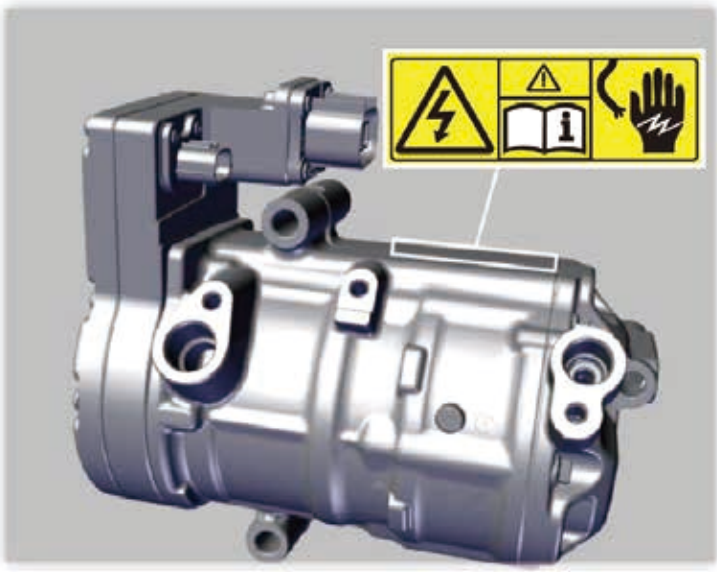
▼Electric Heater Assembly

The electric heater assembly bears the following warning label on its surface.



▼Compressor Assembly

The compressor assembly bears the following warning labels on its surface.



Charge and Discharge

▼Charging Precautions

⚠ WARNING

If you use a medical device such as an implanted pacemaker or defibrillator, consult your doctor or the device manufacturer regarding any possible effects of charging on the device.
Failure to do so may affect the operation of the medical device and result in an accident.

If you use a medical device such as an implanted pacemaker or defibrillator, do not enter the vehicle, including the passenger compartment and luggage compartment, while the vehicle is being charged.
Failure to do so may affect the operation of the medical device and result in an accident.

Do not disassemble or modify the charging port or the charger.
Failure to do so may cause electric shock and result in an accident.

Always observe the following precautions when charging:
Failure to do so may cause electric shock and result in an accident.

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

Always observe the following precautions when charging in rain or snow:
Failure to do so may cause electric shock and result in an accident.

- Do not charge the high-voltage battery outdoors if there is a risk of heavy rain, strong winds or lightning.
- If the charging connector or plug is wet, wipe it dry with a clean cloth.
- Do not touch the charging port or charging cable with wet hands.
- If the power outlet becomes covered with snow during charging, switch off the power supply (for example, by turning off the circuit breaker), clear the snow, and then remove the charging plug.

Do not use the charger if any of the following conditions are present: Failure to do so may cause electric shock and result in an accident.

- The charging connector is rusted or corroded.
- The charging connector is damaged or foreign matter has entered the charging connector.

Refer to the instruction manual supplied (Israel region: Please scan the QR code on the label attached to the vehicle body to view the instruction manual) with the charger and use the charger correctly. Improper handling of the charger may result in an accident.

Always observe the following precautions when using the charger: Failure to do so may damage the charger and result in an accident.

- Do not pull or bend the charger cable excessively.
- Do not step on the charging cable or drag it along the ground.
- When inserting or removing the charging connector or charging plug, do not twist either of them excessively.
- Do not apply excessive force to the connected charging connector, for example by leaning on it or placing your weight on it.
- Keep objects that generate intense heat, such as heaters or cigarettes, away from the charger.
- Do not expose the charger to organic solvents, acidic substances or alkaline substances.

⚠ CAUTION

- While charging the high-voltage battery, do not connect or disconnect booster cables to or from the 12 V lead-acid battery, and do not disassemble the battery. Failure to do so may result in damage to the vehicle or charging equipment.
- After charging is complete and the charging connector has been removed, close the charging port cap immediately. If the charging lid is closed while the charging port cap remains open, water or foreign matter may enter the charging port and cause a malfunction.
- Before driving, always make sure that the charging connector is not connected to the vehicle. If the charging connector is in a

semi-connected state when the vehicle is started, it may cause an accident.

- If the charging port is frozen shut, defrost the inlet using a hair dryer. Inserting or removing the charger while the charging port is frozen may cause damage.

NOTE

- DC charging (quick charging) and AC charging (normal charging) cannot be performed at the same time.
- The navigation system and the climate control system can be used while charging. However, charging time will increase because electrical power is being consumed. In some cases, power consumption may exceed the amount of charge being supplied, and charging may not complete.
- Do not over-discharge the traction battery, as this will shorten its service life. If the battery level is low, charge it promptly.
- Frequent prolonged use of DC charging facilities for DC charging may reduce the service life of the high-voltage battery. If you frequently use DC charging facilities for DC charging, we recommend alternating with AC charging to help slow degradation of the high-voltage battery and extend its service life.

▼Preparations Before Charging

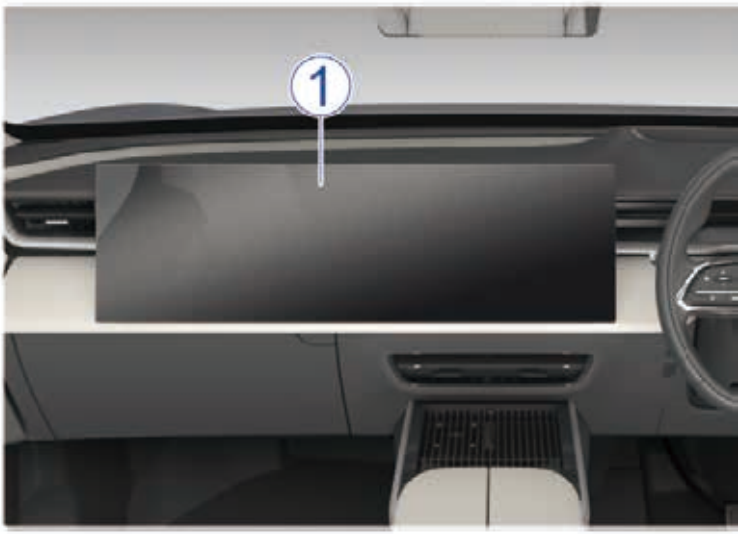
This vehicle is driven using electrical power stored in the high-voltage battery. Therefore, the high-voltage battery must be charged.

The charging-related components are located in the following positions.

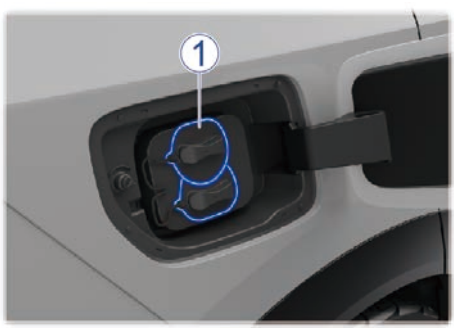
Left-hand drive models



Right-hand drive models



① Centre Display



① Charging Port

Charge lead

The charge lead connects the power supply to the vehicle and supplies electrical power to the vehicle. For details of the charge lead, refer to the instruction manual supplied with the charge lead.

The components of the charge lead are as follows.

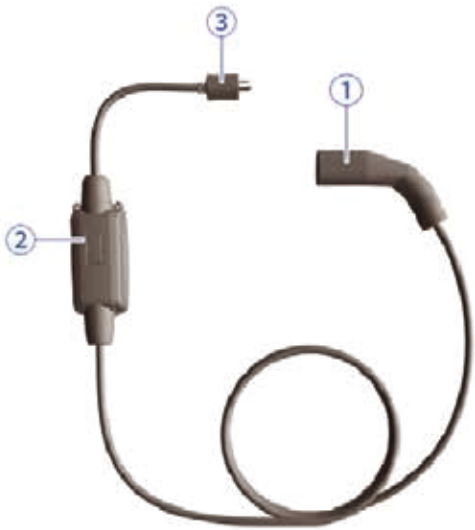
(Type A*: For use at charging facilities)



① Charging connector

(Israel: For use with TYPE 2 socket-type charging facilities.) For vehicles in Israel, the charging connector is stored in the boot.

(Type B: For home use)



① Charging connector

② Control box

③ Charging plug

Charging connector
(Type A)
The charging connector is used to connect the charging equipment to the AC charging port.

(Type B)
The charging connector is used to connect to the AC charging port.

When the charging connector is connected to the AC charging port, the vehicle system locks it in place.

If the charging connector has been locked by the vehicle system, it is unlocked when the driver's door is unlocked.

If the charging connector remains locked after the driver's door has been unlocked, consult an expert repairer. We recommend an Authorised Mazda Repairer.

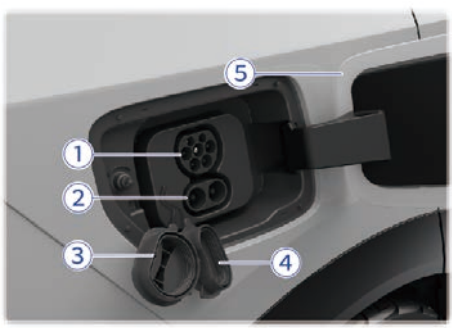
Control box (Type B)
The control box indicates the charging status by illuminating or flashing the indicator light. For details of the indicator light illumination and flash patterns, refer to the instruction manual supplied with the charge lead.

Charging plug (Type B)
The charging plug is used to connect to the power supply.

Charging Port

The charging port is the area to which the charging connector is connected.

The components of the charging port are as follows.



① AC charging port

② DC charging port

③ AC charging port cap

④ DC charging port cap

⑤ Charging lid

AC charging port
The AC charging port is the part to which the connector of the charge lead is connected. It is used for AC charging.

DC charging port
The DC charging port is the part to which the connector of a fast charger is connected. It is used for DC charging.

Charging lid
The charging lid locks and unlocks in conjunction with the door locking and unlocking mechanism. When the driver's door is unlocked, the charging lid is also unlocked. When the driver's door is locked, the charging lid is also locked.

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

Identifier

Check the following identifiers before connecting the charge lead.

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 charge leads may not have an identifier.

▼Charging

Charging types

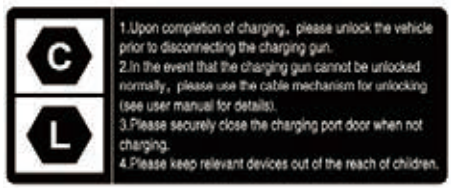
The high-voltage battery can be charged in two ways: standard charging and DC charging.

We recommend standard charging as the preferred method, as it helps maintain the high-voltage battery in optimum condition and may extend its service life.

Charging time varies depending on several factors, including charger type, battery condition, charging history, and the battery and ambient temperatures.

In cold weather, low battery and ambient temperatures may significantly increase charging time.

Always check the warning label on the charging port cover before charging.



▼Performing AC Charging

1. Move the electric column shift to position P.
2. Switch the vehicle off.
3. Press the indicated area to open the charging lid.



4. Open the standard charging port cover.



① Standard charging port cover

5. Plug the charging cable into the mains socket.



① Standard charging port

6. Connect the charging connector to the standard charging port. Charging will start automatically once the connection is established. Ensure that all doors are locked before leaving the vehicle during charging.
7. Once charging is complete, disconnect the charging connector from the vehicle.
8. Close the standard charging port cover.
9. Close the charging lid.
10. Unplug the charging cable from the mains socket.

After normal charging is complete, the charging connector can be unlocked in the following ways:

1. Unlock with the vehicle key;
2. Tap the approaching auto unlock icon on the centre display, and unlock when the key is near the vehicle;

3. Unlock remotely via the APP;
4. Unlock via the central control (unlock button on the driver's armrest);
5. Unlock with Bluetooth key on the mobile phone ;
6. During charging, tap the "End Charging" icon on the centre display;
7. Tap the fully charged unlock icon on the centre display. When normal charging reaches 100% and stops, the charging connector electronic lock will automatically unlock.

Performing DC Charging

1. Move the electric column shift to position P.
2. Switch the vehicle off.
3. Press the indicated area to open the charging lid.



4. Open both the DC charging port cover and the standard charging port cover.



① DC charging port cover
② Standard charging port cover

5. Connect the fast charger cable to the DC charging port.



① DC charging port

6. Follow the fast charger instructions to start charging. Ensure that all doors are locked before leaving the vehicle during charging.

⚠ CAUTION

Always follow the instructions provided with the fast charger. Incorrect operation of the fast charger

may damage the charger or the vehicle.

7. Once charging is complete, disconnect the charging connector from the vehicle.
8. Close both the DC charging port cover and the standard charging port cover.
9. Close the charging lid.

Ensure that all doors are locked before leaving the vehicle.

▼Connecting the Charge Connector

Insert the AC charging connector into the AC charging port.



1. When using a Type B AC household charging connector, first insert the power plug into the socket (the socket must be earthed, otherwise charging will not be possible), then insert the normal charging connector;

2. When using a Type A charging connector, first insert the charger-end connector, then insert the vehicle-end connector; After charging is completed, first unplug the vehicle-end connector, then unplug the charger-end connector.

DC charging

Unlock the vehicle, press the charging lid to open it, and remove the protective caps from both the standard charging port and the DC charging port.

Connect the charging connector



Insert the DC charging connector fully into the DC charging port until it locks into place.

▼Starting DC Charging

At the charging station, swipe your card or scan the QR code to start charging.

Confirming Charging Status

- The red icon on the centre display lights up.

▼Ending DC Charging

Stop the charging session at the charging station. Once the charging station unlocks the charge connector, remove the DC charge connector and close the charging port caps and charging port lid.

NOTE

- If everything appears to be correct but charging is still not possible, have the vehicle inspected by an expert repairer. We recommend an Authorised Mazda Repairer.
- If the battery temperature is too high or too low, charging will take longer to protect the battery.

- Do not excessively discharge the high-voltage battery, as this may shorten its service life. If the battery level is low, charge the vehicle as soon as possible.
- Frequent prolonged use of DC charging facilities for DC charging may reduce the service life of the high-voltage battery. If you frequently use DC charging facilities for DC charging, we recommend alternating with AC charging to help slow degradation of the high-voltage battery and extend its service life.

NOTE

1. Before charging, ensure that the charging port is dry and free from foreign matter, such as water or debris. Open the charging port lid and carefully inspect the vehicle charging port and the charge cable to ensure that they are free from foreign objects.
2. After charging is complete, close the charging port covers securely to prevent water droplets or foreign objects from entering the charging port.
3. If you need to start the vehicle while DC charging, first stop charging, wait for the charge connector to unlock, and then remove the charge connector before starting the vehicle.
4. In rainy or snowy weather, avoid charging outdoors to prevent ice and water from clogging the charging port drainage area. This could cause ice to build up in the charging port and affect insertion or removal of the charge connector.

▼Charging Current Settings

1. The charging current is set to the maximum by default. If you are concerned about the load capacity of your household circuit, you can set the charging current limit via the centre display: Vehicle Menu→ Energy → Charge and Discharge → Charge Limit
2. The charging current limit setting applies only to AC charging.
3. After the charging current limit has been changed, the vehicle will remember the setting for that location. If you charge at the same location again, you will not need to set it again.

NOTE

1. When using a household socket outlet with the charge cable, use a socket outlet rated at 16 A or higher to help prevent the circuit from overheating.
2. Do not set the charging current higher than the maximum current available for the connected charge cable.
3. The actual charging current may be affected by grid fluctuations or limited grid capacity, which may prevent the charging current from reaching the set limit and may affect charging efficiency.

▼External Power Supply (V2L)

Switch the vehicle on, shift into Park (P), and connect the V2L discharge connector. The vehicle will then supply external AC power. If the battery level becomes too low, the vehicle will automatically stop supplying power.

Operating procedure

Step 1: Park the vehicle in a well-ventilated area, switch the vehicle on, and shift into Park (P).

Step 2: Open the charging port lid.

Step 3: Insert the V2L discharge connector into the vehicle's charging port.



Step 4: Ensure that the V2L (Vehicle-to-Load) function is enabled in the vehicle by going to "Vehicle Menu → Energy → Charge and Discharge → External Discharging".

Step 5: You can set the minimum battery percentage for V2L power supply from the traction battery via the centre display.

Step 6: Insert the plug of the electrical appliance, device or charger into the V2L discharge connector to start using it.

Step 7: To stop the power supply, unplug the appliance, device or charger from the V2L discharge connector. To unlock the V2L discharge connector, first press the unlock button on the key, then remove the V2L discharge connector.

⚠ CAUTION

- Do not touch the socket outlets on the V2L adapter while the vehicle is supplying power.
- Do not touch the plug with wet hands.
- Keep children away from the V2L adapter.
- Do not use the V2L adapter if the cable is worn, the insulation is damaged, or there is any other visible damage.

Emergency Unlocking of the Charging Cable

▼Emergency Unlocking of the Charging Cable

1. Open the luggage compartment.
2. Fold the luggage compartment mat forwards.



3. Pull the emergency release cable to unlock the charging cable.



⚠ CAUTION

- After using the emergency release cable, return it immediately to its original position. Failure to do so may result in malfunctions, including the inability to charge the vehicle.
- The emergency release cable is for emergency use only. Do not use it regularly, as repeated use may cause the charging port release mechanism to malfunction.
- After using the emergency release function, have the vehicle inspected and repaired as soon as possible by a qualified technician. We recommend an Authorised Mazda Repairer.

Micro-Nucleus High-Frequency Pulse Heating

▼Micro-Nucleus High-Frequency Pulse Heating

When Micro-Nucleus High-Frequency Pulse Heating is activated, the high-voltage battery warms up quickly, improving vehicle performance at low temperatures and enhancing drivability in cold conditions.

▼Activating Pulse Heating

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

- After the vehicle is unlocked and powered on, pulse heating starts automatically when the door is opened and the seat is taken.
- Enable the pulse heating function via the "Vehicle Menu → Energy → Charge and Discharge" screen on the centre display.

▼Cancelling Pulse Heating

You can cancel pulse heating by carrying out any of the following actions:

1. Press the brake pedal.
2. Power off and lock the vehicle.
3. The function will switch off automatically when the high-voltage battery reaches the required temperature or when the battery charge falls below a certain level.

NOTE

- Pulse heating can operate only when the battery temperature is below a specified level and the battery charge is sufficient. Pulse heating takes approximately 15 minutes. Lower initial battery temperatures may require a longer heating time.
- Noise may be heard during normal pulse heating operation. To avoid affecting vehicle response, wait until pulse heating is complete before selecting a drive position. Pulse heating cannot be used while the vehicle is in motion.

Keys

▼Key Types

This vehicle supports three types of keys:

- Transmitter
- Mechanical key
- Cell Phone Bluetooth® Key.

▼Transmitter



①Unlock Button
②Lock Button
③Tailgate Button
④Find Car Button

Your Mazda is equipped with two transmitters for locking and unlocking the vehicle using the buttons on the transmitter.

NOTE

The transmitter also has the following features:

- Remote Window Operation: Press and hold the unlock or lock button for more than two seconds to fully open or close all four windows.
- Unlock Mode Selection: In locked mode, press and hold the unlock and lock buttons simultaneously for more than four seconds to switch between unlocking all doors and unlocking the driver's door only.

⚠ CAUTION

As the transmitter uses low-power radio waves, its operation may be affected in the following situations:

- The transmitter is carried together with communication devices such as mobile phones.
- The transmitter is in contact with, or covered by, a metal object.
- The transmitter is near electronic devices such as personal computers.
- Non-Mazda-approved electronic equipment is fitted to the vehicle.
- There is equipment emitting radio waves near the vehicle.

Exposure to strong radio waves may cause excessive battery drain. Keep the transmitter away from

televisions and personal computers.

To avoid damaging the transmitter, do not:

- Drop the transmitter.
- Allow the transmitter to get wet.
- Disassemble the transmitter.
- Expose the transmitter to high temperatures, for example by leaving it on the centre display panel in direct sunlight.
- Expose the transmitter to magnetic fields.
- Place heavy objects on the transmitter.
- Place the transmitter in an ultrasonic cleaner.
- Place magnetised objects near the transmitter.

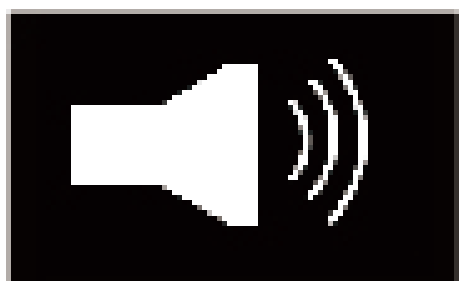
Tailgate Button

To open or close the tailgate, first unlock the doors. Then quickly press the tailgate button twice when the tailgate is fully closed or fully open to activate the opening or closing function. The hazard warning flashers will flash twice, and the tailgate will open or close after the buzzer sounds.



Find Car button

When within the transmitter's operating range, press the Find Car button to flash the hazard warning flashers and sound the horn to help locate the vehicle.



Back-up start function

Left-hand drive models



Right-hand drive models



When the transmitter battery is low, place the transmitter to the right of the wireless charging pad and press the brake pedal. The vehicle will then power on.

NOTE

- Replace the transmitter battery as soon as possible.

▼Mechanical Key

This vehicle is equipped with two mechanical keys as a back-up method of entry. If the other keys are unavailable or do not operate correctly, the mechanical key can be used to unlock the door and enter the vehicle.

Left-hand drive models



Right-hand drive models



Key code plate

A key code is stamped on the plate attached to the key set. Remove the plate and store it in a safe place outside the vehicle. You will need this code if a replacement mechanical key is required.

Also write down the key code and keep it in a separate safe place outside the vehicle.

If your mechanical key is lost, consult an expert repairer (we recommend an Authorised Mazda Repairer). Have the key code ready.



①Key code plate

▼Smartphone Bluetooth® key

Use your smartphone to control the vehicle through a short-range Bluetooth® connection. For

details, refer to "Interior Features → Connected Services → Mobile Control".

NOTE

The Bluetooth® key can be used instead of the physical key to start the vehicle.

▼Keyless Entry System

⚠ WARNING

Radio waves from the key may affect medical devices such as pacemakers.
Before using the key near a person using a medical device, consult the device manufacturer or a doctor to confirm whether radio waves from the key may affect the device.

When the transmitter is carried, the keyless entry system can lock or unlock the doors and tailgate, or open the tailgate.

In the "Vehicle Menu → Vehicle → Lock/Unlock" menu, you can switch Auto Lock When Driving and Auto Lock When Leaving on or off. When this function is enabled, bringing the key close to the vehicle will automatically unlock it, and moving away from the vehicle will automatically lock it.

1. When the vehicle is in the power-off locked state and the automatic unlocking function upon approaching the vehicle is enabled on the centre display, carrying the smart key within a certain range of the vehicle will automatically unlock the doors, and the turn signals will flash once.
2. When the automatic locking upon leaving and automatic unlocking upon approaching functions are disabled on the centre display, the vehicle cannot be unlocked or locked by approaching or moving away from the vehicle with the smart key.

Door Locks

⚠ WARNING

Never leave children or pets unattended in the vehicle. If necessary, ensure they are supervised by a responsible person.
Leaving children or pets unattended in a parked vehicle is extremely dangerous. In hot weather, the temperature inside the vehicle can rise rapidly, which may cause heatstroke, brain injury, or death.

Do not leave the key in the vehicle when children are inside. Always keep the key out of their reach.
Leaving children in a vehicle with the key is extremely dangerous. This may result in serious injury or death.

Before leaving the vehicle unattended, fully close all windows, lock all doors and the tailgate, and take the key with you.
Leaving the vehicle unlocked is dangerous. Children may become trapped inside a hot vehicle, which could result in death. In addition, an unlocked vehicle is an easy target for theft or vandalism.

⚠ CAUTION

- Always check the surroundings before opening or closing a door or the tailgate, especially in strong winds or when the vehicle is parked on a slope. Failure to check the surroundings is dangerous. Doors or the tailgate may trap fingers or strike passing pedestrians, which could result in an accident or injury.

NOTE

- Always switch off the EV system and lock the doors. To reduce the risk of theft, do not leave valuables inside the vehicle.

▼Unlocking with the Transmitter

Unlocking

When the vehicle is locked, press the unlock button on the transmitter. The vehicle will unlock, the hazard warning flashers will flash once, and the flush door handle will automatically extend. Pull the handle to open the door.



Locking

When the driver's seat is unoccupied and the transmission is in P, close all doors and press the lock button to lock the vehicle.



▼Unlocking with the Mechanical Key

Press the front part of hidden door handle on the driver's side, insert the mechanical key, then turn the key counterclockwise (left-hand drive models)/clockwise (right-hand drive models) to the unlock position, and pull the outer handle to unlock the door. Then turn the mechanical key back to its original position and remove it.

Left-hand drive models



Right-hand drive models



①Mechanical Key
②Flush Door Handle
③Thumb Press Position

▼Locking with the Mechanical Key

Press the front part of hidden door handle on the driver's side, insert the mechanical key, then turn the key clockwise (left-hand drive models)/counterclockwise (right-hand drive models) to the lock position to lock the door. Then turn the mechanical key back to its original position and remove it.

Left-hand drive models



Right-hand drive models



①Mechanical Key
②Flush Door Handle
③Thumb Press Position

▼Operating the Door Locks from Inside the Vehicle

Door Lock Switches

Press door lock switch ① to lock all doors. Press door lock switch ② to unlock all doors, including whilst the vehicle is being charged using AC power.

Left-hand drive models



Right-hand drive models



Powered Inner Door Opener Button

When all doors are locked, press and hold the powered inner door opener button to unlatch and push the door outwards to open it.

When the driver's door is unlocked, all four doors are unlocked simultaneously.

The rear doors can only be opened from inside when the child safety locks are switched off.

Left-hand drive models



Right-hand drive models



Emergency Door Unlocking



The emergency door release cables are located above the door stowage box. If the powered inner door opener button fails, or if the door needs to be opened in an emergency, follow these steps.

1. Remove the trim cover. The following warning labels are shown on the cover.
   Left-hand drive models



Right-hand drive models



2. Pull the emergency door release cable to open the corresponding door.

NOTE

- If the vehicle battery is depleted, you can unlock and open the door by pulling the emergency release cable.

Collision Unlocking

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

Speed-Sensitive Auto Locking

This function is enabled by default. When the vehicle is powered on and unlocked, and the speed increases from 0 to 20 km/h (12.427 mph) or above, all four doors will lock automatically.

Park Auto Unlocking

When the vehicle is stationary, the transmission is shifted to P and the EPB is applied, all doors will unlock automatically.

The auto lock function can be switched on or off in “Vehicle Menu → Vehicle → Lock/Unlock” on the centre display.

▼Child Safety Locks

Child Safety Locks

Each rear door is fitted with a child safety lock that can be controlled individually. When switched on, the corresponding rear door cannot be opened from inside the vehicle and can only be opened from outside.

You can switch the child safety locks on or off via “Vehicle Menu → Vehicle → Lock/Unlock” on the centre display.

To activate, touch “Left Rear” or “Right Rear”. The icon will be highlighted to confirm activation.

After activation, check that the function operates correctly by attempting to open the door from inside. The door should remain locked.

To deactivate, touch “Left Rear” or “Right Rear” again to switch the child safety locks off.

⚠ WARNING

Always enable the child safety locks when children are in the vehicle. Otherwise, a child may open a door whilst the vehicle is moving, which could result in injury to themselves or others.

Never leave children or vulnerable adults unattended in the vehicle. They may inadvertently operate switches or controls, which could result in injury.

Tailgate

▼Tailgate

The tailgate can be opened using any of the following methods:

- Tailgate button on the key fob
- Tailgate release button on the rear wiper
- On-screen controls on the centre display
- Bluetooth® digital key on a paired smartphone
- Emergency release (when activated)

⚠ WARNING

Never allow anyone to travel in the luggage compartment.

Anyone travelling in the luggage compartment is at risk of serious injury or death in the event of sudden braking or a collision.

Do not stack luggage or leave it unsecured in the luggage compartment.

Unsecured loads may shift or fall, causing injury or an accident. Do not load items higher than the seatbacks. Doing so may obstruct the side or rear field of vision. If the airbags deploy, loose cargo may be thrown forwards, causing serious injury or death.

⚠ CAUTION

- Before opening the tailgate, remove any snow or ice from it. Otherwise, the additional weight may cause the tailgate to close unexpectedly, resulting in injury.
- Take care when opening or closing the tailgate in strong winds. A sudden gust may cause the tailgate to close unexpectedly, resulting in injury.
- Open the tailgate fully and make sure it remains secure. If the tailgate is opened only part-way, it may slam shut because of vibration or wind, causing injury.
- Do not apply excessive force to the tailgate stay (gas strut), for example by leaning on it. The stay may bend and affect tailgate operation.
- Do not modify or replace the tailgate stay. Consult an expert repairer (we recommend an Authorised Mazda Repairer) if the stay is deformed or damaged as a result of a collision or for any other reason.

▼Opening and Closing the Tailgate

Opening the Tailgate

Opening from Outside the Vehicle

Press the power tailgate release switch on the rear wiper arm. The hazard warning flashers will flash once. After the buzzer sounds, the tailgate will open automatically and the luggage compartment light will turn on.



Opening from Inside the Vehicle

When the vehicle is stationary and the shift position is in P or N, tap by selecting Vehicle Menu → Vehicle→ Seats/\nDr/Win. → Power Tailgate on the centre display, and the tailgate opens automatically.

NOTE

When a trailer is connected, the tailgate can only be opened using the exterior tailgate switch. The tailgate switch on the centre display. the tailgate button on the transmitter, the Bluetooth® key and voice recognition are disabled.

Closing the Tailgate

Closing from Outside the Vehicle

When the tailgate is fully open, press the power tailgate close switch. The hazard warning flashers flash twice and, after the buzzer sounds, the tailgate closes automatically.



Closing from Inside the Vehicle

When the vehicle is stationary and the shift position is in P or N, tap by selecting Vehicle Menu → Vehicle → Seats/\nDr/Win. → Power Tailgate on the centre

display, and the tailgate closes automatically.

Setting the Maximum Tailgate Opening Height

Setting from Outside the Vehicle

When the tailgate is open to between 50% and 95% of its full opening height, press and hold the close button on the tailgate for more than 5 seconds. The current position is then set as the maximum power opening height, and the buzzer sounds one long beep.



Setting from Inside the Vehicle

On the centre display, select Vehicle Menu → Vehicle → Seats/\nDr/Win. → Power Tailgate to set the opening height of the power tailgate. A long beep sounds to confirm that the setting has been saved.

Opening the Tailgate in an Emergency

If the battery is depleted, the tailgate cannot be unlocked or opened. In this case, use the following emergency procedure to open the tailgate.

1. Fold down the rear seats.
2. Enter the boot from the interior of the vehicle and open the decorative cover on the tailgate lock block.



3. Press the white locking lever down to unlock the tailgate, then push the tailgate outwards to open it.



NOTE

- After carrying out this emergency procedure, have the vehicle inspected as soon as possible by an expert repairer (we recommend an Authorised Mazda Repairer).
- If a sudden power loss occurs during the motorised soft-close operation, move the green lock lever to the left, then press the white locking lever down to unlock the tailgate.

▼Anti-pinch Function

To help prevent personal injury, the tailgate is equipped with an anti-pinch function.

If significant resistance is encountered while the tailgate is opening or closing, the anti-pinch function will activate. When activated, the tailgate will reverse direction for a short distance and then stop.

The anti-pinch function is a supplementary feature. Always take care when using the tailgate to avoid trapping anything or striking obstacles during automatic opening and closing.

Door Mirrors

▼Door Mirrors*

Door Mirror Reversing Assist

1. To enable or disable Door Mirror Reversing Assist, go to "Vehicle Menu → Vehicle → Seats/\nDr/Win.".
2. When "Door Mirror Reversing Assist" is enabled, the door mirrors automatically move to the position last used while reversing. If no door mirror position has previously been saved for reversing, the mirrors will not adjust automatically when reverse gear is selected.
3. To set the door mirror reversing position:
   - Press and hold the brake pedal.
   - Shift into position R.
   - Select the Digital Rearview Mirror Adjustment icon to open the Digital Rearview Mirror Adjustment screen.
   - Adjust the required door mirror.
   - When you shift out of position R, the current door mirror position is saved as the reversing position.

⚠ WARNING

The left and right door mirrors are convex. Objects seen in them appear smaller and farther away than they actually are. Do not judge the distance of following vehicles solely by what you see in the mirrors, as this may increase the risk of an accident.

Do not adjust any mirror while the vehicle is moving, as this could distract you and lead to loss of control, an accident, or serious injury.

Door Mirror Adjustment

Electric Adjustment

1. Go to "Vehicle Menu → Vehicle → Seats/\nDr/Win. → Digital Rearview Mirror Adjustment", then select the Digital Rearview Mirror Adjustment icon to open the adjustment screen.
2. On the Digital Rearview Mirror Adjustment screen, use the "Up", "Down", "Left" and "Right" buttons on the left side of the steering wheel to adjust the left door mirror. Use the "Up", "Down", "Left" and "Right" buttons on the right side of

the steering wheel to adjust the right door mirror.

3. After adjusting the mirror position, tap “Save”. The message “Saved successfully” appears, and the current position is stored in the active user profile. Press “Driving”, “Preset” or “Relax” to recall the saved mirror position for the current user profile. The mirrors then move automatically to the stored position.

⚠ WARNING

- Never adjust the door mirrors while the vehicle is moving. To give your full attention to driving, adjust the door mirrors before setting off.
- Do not touch the mirror glass while adjusting the mirrors, as this may injure your fingers or damage the mirrors.

Door Mirror Folding

Automatic Door Mirror Folding

1. To enable or disable Automatic Door Mirror Folding, go to “Vehicle Menu → Vehicle → Seats/\nDr/Win. → Automatic Folding Door Mirrors” on the centre display.
2. When “Automatic Folding Door Mirrors” is enabled, the door mirrors fold automatically when the vehicle is locked and unfold automatically when the vehicle is unlocked. If this function is disabled, the door mirrors will not fold or unfold automatically when the vehicle is locked or unlocked.

Power-folding Door Mirrors

1. On the centre display, go to “Vehicle Menu → Vehicle → Seats/\nDr/Win. → Digital Rearview Mirror Adjustment” to open the door mirror folding controls.
2. Tap “Fold” to fold the door mirrors. The button label changes to “Unfold”.
3. Tap “Unfold” to unfold the door mirrors. The button label changes to “Fold”.

⚠ WARNING

Always return the door mirrors to the driving position before setting off:
Driving with the door mirrors folded in is dangerous. This will obstruct rearward visibility and increase the risk of an accident.

Do not touch a power-folding door mirror while it is moving:
Touching a power-folding mirror while it is moving is dangerous.

You could injure your hand or damage the mirror.

Use the switch to return the mirror to the driving position:
Manually returning a power-folding door mirror to the driving position is dangerous. The mirror may not lock into place, impairing rearward 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 forces may cause the mirror to fold in, and you may be unable to return it to the driving position, obstructing rearward visibility.

NOTE

- Before folding the door mirror, ensure that it is free from ice, snow or debris. Remove any obstruction to avoid damaging the door mirror.

Heated Door Mirrors

After the vehicle is switched on, access the climate control panel via the centre display. Tap the rear defrost button to activate the door mirror heating function. Tap it again to deactivate the door mirror heating function.

▼Electronic Door Mirrors*

Left-hand drive models



Right-hand drive models



The electronic door mirrors use high-definition exterior cameras to capture the view to the rear on both sides of the vehicle, which is displayed on screens on the inner door panels.

The electronic door mirrors provide a more flexible field of view. Compared with conventional mirrors, the electronic door mirrors are smaller and obstruct the driver's view less. In addition, they provide a wider field of view.

NOTE

- Clean the camera lenses and display screens regularly to

prevent dust or stains from affecting image quality.

- Image quality and display performance may deteriorate in conditions of extreme temperature or high humidity. Avoid using the system in such conditions whenever possible.

Digital Rearview Mirror Adjustment

1. On the centre display, go to "Vehicle Menu → Vehicle → CMS → Digital Rearview Mirror Adjustment" to open the Digital Rearview Mirror Adjustment screen.
2. Then use the "Up", "Down", "Left" and "Right" buttons on the respective side of the steering wheel to adjust the left door mirror and right door mirror views.
3. After adjustment, the system automatically memorises the current setting.

NOTE

- While the electronic door mirrors are being adjusted, the original functions of the buttons on both sides of the steering wheel are unavailable.

Folding the Electronic Door Mirrors

Automatic Folding

On the centre display, go to "Vehicle Menu → Vehicle → CMS" and switch automatic mirror folding on or off. When this function is enabled, the electronic door mirrors unfold when the vehicle is unlocked and fold when it is locked.

Power Folding

1. On the centre display, go to "Vehicle Menu → Vehicle → CMS → Digital Rearview Mirror Adjustment" to open the mirror fold/unfold screen.
2. Tap "Fold" to fold the electronic door mirrors. The button label then changes to "Unfold".
3. Tap "Unfold" to unfold the electronic door mirrors. The button label then changes to "Fold".

Field of View Enlargement

High-Speed Field of View Enlargement: When the vehicle speed reaches the set threshold (60–120 km/h (40～74.565 mph), selectable), the field of view of the electronic door mirrors enlarges.

Steering Field of View Enlargement: When the user operates the indicator stalk,

the field of view of the electronic door mirrors enlarges.

Reverse View Enlargement:
When reverse gear is selected, the field of view of the electronic door mirrors enlarges.

Brightness Adjustment

You can adjust the brightness of the electronic door mirror displays on the centre display under "Vehicle Menu → Vehicle → CMS".

When automatic brightness adjustment is enabled, the brightness of the electronic door mirror displays adjusts automatically to the ambient light level.

Rear-view Mirror

▼Rear-view Mirror

Before driving, adjust the rear-view mirror to maximise rearward visibility. Do not place items on the rear seats or in the luggage compartment that may obstruct rearward visibility.

Auto-dimming rear-view mirrorThe rear-view mirror automatically adjusts its reflectivity according to the ambient light level to reduce glare. No manual adjustment is required.



⚠ WARNING

Do not stack luggage or other objects higher than the seat backrests:
Luggage or other objects stacked higher than the seat backrests can be dangerous. They can obstruct your view in the rear-view mirror and could cause a collision when changing lanes.

▼Digital Rear-view Mirror*



The digital rear-view mirror allows the driver to monitor the area behind the vehicle, thereby enhancing safety.

NOTE

- At certain junctions, the digital rear-view mirror camera may be affected by low-frequency LED lights used in traffic enforcement systems. This may cause the mirror display to flicker temporarily. This is normal. This is temporary, and the display will usually return to normal shortly after the vehicle leaves the junction.
- The camera for the digital rear-view mirror is located beneath the vehicle's rear spoiler. Keep the camera lens clean and free from condensation, water droplets, dirt, snow and frost. If the image displayed in the digital rear-view mirror becomes unclear, clean the camera lens promptly.

Digital Rear-view Mirror Function Buttons

Lower Button



Press the lower button on the digital rear-view mirror to switch the mirror on or off.

Rear Buttons



The digital rear-view mirror functions can be adjusted using the buttons on the rear of the mirror, including brightness, vertical viewing angle and field-of-view zoom.

* Some models

Buttons	Operation	Function
Function Button ①	Press	Enters the settings page (the display exits automatically after five seconds of inactivity)
	Press on the Settings page	Confirms the selection; returns to the previous menu
UP Button ②	Press on the Settings page	Selects settings, increases values, zooms in
DOWN Button ③	Press on the Settings page	Selects settings, decreases values, zooms out

Auto-dimming Function

The digital rear-view mirror is equipped with an auto-dimming function. When driving at night, if there is strong light from behind the vehicle, the digital rear-view mirror will dim automatically to reduce glare and maintain rearward visibility.

Power Windows

▼Power Windows

The front door windows are made of toughened glass, whilst the rear door windows are fitted with privacy glass* to enhance cabin comfort and privacy.

The windows can be opened and closed using the power window switches.

⚠ WARNING

Before closing a window, make sure the opening is clear.
Operating the power windows can be dangerous. A child's or adult's hands, head or neck may become trapped in a closing window, resulting in serious injury or death. Exercise extra caution when children are present.

Never allow children to play with the power window switches.
If the power window switches are not locked using the power window lock switch, children may operate the windows unintentionally, which could result in serious injury if a child's hands, head or neck become caught in a window.

Ensure that nothing obstructs the window as it approaches the fully closed position or whilst the switch is held in the up position.
Blocking the power window just before it reaches the fully closed position, or continuing to hold the power window switch in the up position, is dangerous.

In such cases, the anti-pinch function may not prevent the window from closing fully. If fingers become trapped, serious injury may occur.

Do not allow a child to put their hands or head out of a window whilst the vehicle is moving.
If a child's hand or head strikes an object outside the vehicle, or if the vehicle brakes suddenly, serious injury or death could result.

NOTE

When driving with only one rear window open, you may experience wind buffeting (a low-frequency booming noise). This is normal and does not indicate a fault. You can reduce the noise by slightly opening a front window or by adjusting the opening of the rear window.

▼Opening/Closing Windows

When the vehicle is switched on, press the switch to lower the window and pull it up to raise the window. Do not operate more than one power window at a time.

* Some models

When the power window lock switch on the driver's door is in the unlocked position, the front passenger and rear windows can be opened and closed using their respective switches. Keep this switch in the locked position whenever children are in the vehicle.

Driver's door master switches

Left-hand drive models



Right-hand drive models



①Left-front door power window switch

②Left-rear door power window switch

③Right-rear door power window switch

④Right-front door power window switch

⑤Power window lock switch

Press the driver's window lock switch , and the front passenger and rear occupants will be unable to operate their window switches. Press the switch again to restore normal operation.

To operate a window, press the switch to lower it or pull the switch up to raise it.

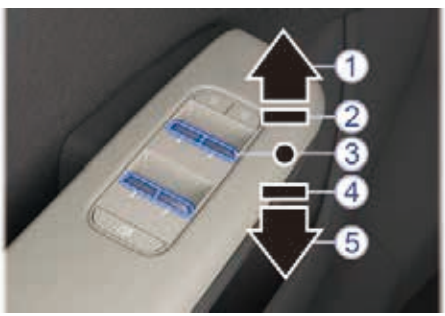
⚠ CAUTION

- In cold conditions, the power windows may not operate correctly if they are iced up.
- To protect the fuse and prevent damage to the power window system, do not operate more than one window at a time.
- Do not apply opposing inputs (up and down) to the same window at the same time, as the window will stop operating.

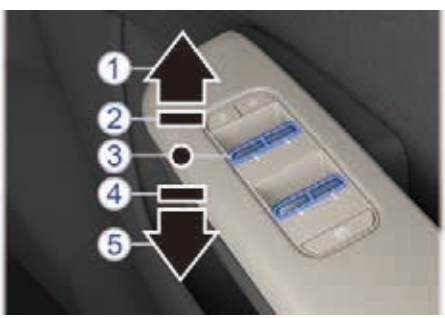
The window switch has five positions: From top to bottom:

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

Left-hand drive models



Right-hand drive models



▼Anti-pinch Window

If an obstruction is detected between the window glass and the frame while the window is closing, the window will stop and then partially reopen.

⚠ CAUTION

- All windows are fitted with an anti-pinch function. Never place any part of your body outside the vehicle through an open window while the window is closing; serious injury may result.
- Before closing any window, the driver must ensure that no occupant, especially a child, has any part of their body outside the vehicle. Failure to do so may result in serious injury.
- Do not issue opposing commands to the same window (e. g. up and down at the same time), as window operation will be interrupted.

The automatic window initialisation function ("auto-learning") will be cleared in the following situations:

1. The anti-pinch function is triggered twice in succession.
2. The negative battery terminal is disconnected.
3. The window control module is reset.

Left-hand drive models

Reinitialise the window as follows:

1. Sit inside the vehicle, close the door, and operate the driver's window switch.
2. Pull the switch up to close the window fully, then continue to hold it for more than one second before releasing it.
3. Press the switch down to open the window fully, then continue to hold it for more than one second before releasing it.
4. Repeat the above close-open cycle three times to complete the initialisation.

Right-hand drive models

Reinitialise the window as follows:

1. Sit inside the vehicle, close the door, and operate the driver's window switch.
2. Pull up the switch until the window is fully closed, hold for more than 2 seconds, then release the switch;
3. Window's auto-learning can now be completed.

⚠ CAUTION

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

- A strong impact is detected while the window is closing.
- The window is being closed at very low temperatures.

Frameless Doors

▼Frameless Doors

Left-hand drive models



Right-hand drive models



This vehicle is fitted with frameless doors for a sleek appearance. When a door is opened or closed, the corresponding window lowers or raises slightly to improve sealing.

Slight Window Movement

When a door is opened, the window on the corresponding side lowers slightly to clear the door seal and allow the door to open smoothly.

After the door is closed, the corresponding window automatically rises to the fully closed position to ensure a proper seal.

⚠ CAUTION

- If the vehicle has no electrical power, the windows will not perform this function. Avoid using excessive force when opening or closing the doors, otherwise the door seals may be damaged.
- If the windows do not lower or rise automatically, do not force the doors open or closed. Try initialising the window system. If the function still does not operate automatically, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Fixed Glass Roof

▼Fixed Glass Roof

Left-hand drive models



Right-hand drive models



The fixed glass roof allows more natural light into the cabin and enhances comfort for the driver and passengers.

NOTE

To maintain optimum visibility and appearance, clean the glass regularly.

▼Sunshade

On the centre display, select "Vehicle Menu → Vehicle → Seats/\nDr/Win.". From here, you can fully open, fully close, or stop the sunshade.

Fully Open: Touch "Fully Open". The sunshade slides rearwards until it is fully open.

Fully Close: Touch "Fully Close". The sunshade slides forwards until it is fully closed.

Stop: Whilst the sunshade is moving, touch "Stop" to stop it.

Sunshade Anti-trap Function

If the sunshade encounters an obstruction while closing, it stops automatically and then reverses to the fully open position.

⚠ WARNING

Do not place hands or objects in the path of the sunshade, as this may cause injury.

Sunshade Initialisation

Fully close the sunshade. Press and hold the Close button on the centre display for 6 seconds. The sunshade will move to its front limit, then reverse to its rear limit before returning to the fully closed position. Initialisation is complete.

Modification and Add-On Equipment

▼Modification and Add-On Equipment

Mazda cannot guarantee the operation of the immobiliser and theft-deterrent systems if either system has been modified or if any add-on equipment has been installed.

⚠ CAUTION

To avoid damage to the vehicle, do not modify the immobiliser or theft-deterrent systems, or install any add-on equipment on these systems or on the vehicle.

Immobiliser System

▼Immobiliser System

The immobiliser allows the EV system to switch on only when a key is recognised by the system.

One would fail to switch on the EV system with an unrecognised key, which helps to deter theft.

If there is a problem with the immobiliser or the key, contact a qualified repairer (we recommend an Authorised Mazda Repairer).

⚠ CAUTION

- Any changes or modifications not expressly approved by the responsible party for compliance may void the user's authority to operate this equipment.
- To prevent damage to the key, do not:
  - Drop the transmitter.
  - Allow the key to get wet.
  - Expose the key to magnetic fields.
  - Expose the key to high temperatures, for example, on the centre display panel in direct sunlight.
- If the EV system does not switch on with the correct key

and the security indicator light remains on or flashes, the system may be faulty. Contact an expert repairer as soon as possible (we recommend an Authorised Mazda Repairer).

▼Operation

NOTE

Signals from a TV or radio station, or from a transceiver or mobile telephone, could interfere with the immobiliser system. If you are using the correct key and the EV system does not switch on, check the security indicator light.

Arming

Use the transmitter to lock the vehicle and arm the immobiliser system.

Disarming

Use the transmitter to unlock the vehicle and disarm the immobiliser system.

If the EV system does not switch on after three attempts, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Theft-Deterrent System

▼Theft-Deterrent System

If the theft-deterrent system detects unauthorised entry into the vehicle that could result in the vehicle or its contents being stolen, the alarm warns surrounding people by sounding the siren or horn and flashing the hazard warning flashers.

The system will not function unless it is properly armed. Therefore, when leaving the vehicle, follow the arming procedure correctly.

▼Operation

Conditions that trigger the siren/horn

The siren/horn sounds intermittently and the hazard warning flashers flash for about 30 seconds when the system is triggered by any of the following:

- Unlocking a door using the auxiliary key, door lock switch or inside door-lock knob.
- Forcing open a door, the bonnet or the tailgate.
- Opening the bonnet using the bonnet release handle.

If the system is triggered again, the hazard warning flashers and the siren/horn will continue to operate until the driver's door or

the tailgate is unlocked using the transmitter.

NOTE

- If the battery is disconnected or becomes discharged while the theft-deterrent system is armed, the horn will sound and the hazard warning flashers will flash when the battery is reconnected or replaced.

▼How to Arm the System

1. Close all windows securely.
2. Make sure that the bonnet, doors and tailgate are closed.
3. Press the unlock button on the transmitter. The hazard warning flashers will flash once.

NOTE

- The theft-deterrent system can also be armed when the auto relock function is activated, provided that all doors, the tailgate and the bonnet are closed.
- The system will be disarmed if any of the following occurs within 15 seconds of pressing the lock button:
    - Any door is unlocked.
    - Any door is opened.
    - The bonnet is opened.
- To rearm the system, repeat the arming procedure.
- When the lock button on the transmitter is pressed to lock the doors while the theft-deterrent system is being armed, the hazard warning flashers will flash once to indicate that the system is set.

▼To Turn Off an Armed System

An armed system can be turned off using any one of the following methods:

- Press the unlock button on the transmitter.

The hazard warning flashers will flash twice.

NOTE

When the unlock button on the transmitter is pressed to unlock the doors while the theft-deterrent system is disarmed, the hazard warning flashers will flash twice to indicate that the system is switched off.

▼To Stop the Alarm

A triggered alarm can be turned off using the following method:

- Press the unlock button on the transmitter.

The hazard warning flashers will flash twice.

Floor Mats

▼Floor Mats

We recommend using genuine Mazda floor mats.

⚠ WARNING

Secure the floor mat using the retaining clips or pins to prevent interference with the pedals on the driver's side.
Unsecured floor mats may obstruct the accelerator or brake pedals on the driver's side, increasing the risk of an accident. Use only mats designed to fit the driver's footwell, and make sure they are correctly positioned.

Secure the mat using the retaining clips or pins.

Retention methods may vary depending on the type of mat; secure the mat accordingly. After fitting, check that the mat does not move from side to side or forwards and backwards, and that there is sufficient clearance around the accelerator and brake pedals on the driver's side.

If the mat is removed for cleaning or for any other reason, refit it securely in accordance with the above precautions.

Do not place one floor mat on top of another on the driver's side.
The retaining clips are designed to secure only one mat; placing one mat on top of another on the driver's side is extremely dangerous.

Loose or overlapping mats can interfere with pedal operation and cause loss of vehicle control.

If fitting all-weather mats in winter, remove and store the original carpet mats.



When fitting the floor mats, fully engage the mat lock rings or pins with the retaining clips.

Rocking the Vehicle

▼Rocking the Vehicle

⚠ WARNING

Do not allow the wheels to spin at high speed, and do not allow anyone to stand behind the wheels when pushing the vehicle:
It is extremely dangerous to allow the wheels to 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 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 between D and R.

Winter Driving

▼Winter Driving

Carry suitable emergency equipment in the vehicle, including tyre chains, an ice scraper, a warning triangle, a small shovel, jump leads, and a small bag of sand or salt. Before winter, have the following items inspected by a qualified repairer (we recommend an Authorised Mazda Repairer):

- Confirm that the coolant provides sufficient antifreeze protection.
- Have the battery and its connections inspected, as low temperatures reduce battery performance.
- Use a washer fluid that contains antifreeze, but do not use electric drive system coolant as washer fluid.

NOTE

- Remove all snow from the vehicle before driving. Snow left on the windscreen may obstruct visibility.
- When clearing ice or snow from the windows and windscreen, do not use excessive force with the scraper.

- Do not use warm or hot water to remove snow or ice from the glass or mirrors, as rapid temperature changes may cause the glass to crack.
- Drive at a reduced speed. Snow or ice on the brakes can reduce braking performance. If braking performance is affected, ease off the accelerator pedal and gently apply the brakes several times until normal braking performance returns.

▼Snow Tyres

⚠ 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 dangerous. This can seriously 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 (TPMS) may not function properly.

Use Snow Tyres on All Four Wheels

Do not exceed the maximum permissible speed for the snow tyres or the legal speed limit, whichever is lower.

▼Tyre Chains

Before fitting tyre chains, check local regulations.

⚠ CAUTION

- Tyre chains may affect vehicle handling.
- Do not exceed 50 km/h (31.069 mph) or the chain manufacturer's recommended speed, whichever is lower.
- Drive carefully and avoid bumps, potholes and sharp turns.
- Avoid locking the wheels when braking.
- Do not fit tyre chains to the temporary spare wheel, as this may damage the vehicle or the tyre.
- Do not use tyre chains on roads free from snow or ice, as this may damage the tyres and the chains.
- Tyre chains may scratch or damage alloy wheels.

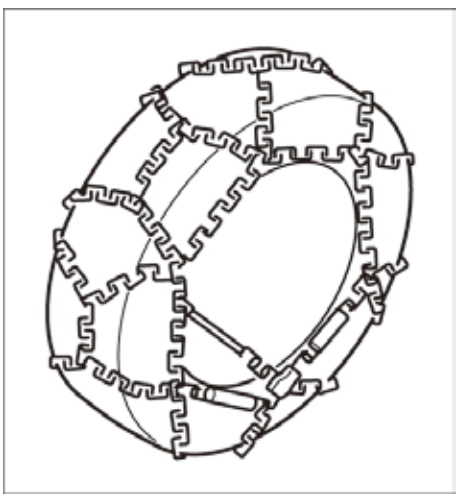
NOTE

The Tyre Pressure Monitoring System (TPMS) may not operate correctly when tyre chains are fitted.

Fit tyre chains to the rear tyres only. Do not fit tyre chains to the front tyres.

Selecting Tyre Chains

Mazda recommends hexagonal steel ring tyre chains. Select the correct chain type for your tyre size.



Tyre Size	Chain Type
235/55 R19	Hexagonal type
255/40 R21*	

Fitting Tyre Chains

1. Fit the tyre chains to the rear tyres. Always follow the chain manufacturer's instructions.
2. Re-tighten the tyre chains after driving 0.5–1 km (0.311– 0.621 mi).

* Some models

Driving in Flooded Areas

▼Driving in Flooded Areas

⚠ WARNING

If the brakes become wet, drive slowly, release the accelerator pedal, and lightly apply the brakes several times until normal braking performance returns.
Driving with wet brakes is extremely dangerous. Wet brakes may increase stopping distances or cause the vehicle to pull to one side when braking, which could result in an accident. Light brake application will help to check whether braking performance has been affected.

⚠ CAUTION

Do not drive through flooded roads. Doing so may cause short circuits in electrical and electronic components or damage to the electric drive system due to water ingress. If the vehicle becomes submerged, have it inspected by a qualified repairer as soon as possible. We recommend an Authorised Mazda Repairer.

Licence Plate Installation

▼Licence Plate Installation

Install the licence plate in accordance with local regulations and ensure that it remains clearly visible at all times.

Towing

▼Towing Hitch

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

Your Mazda was designed and built primarily to carry passengers and cargo. If you tow a trailer, follow these instructions because driver and passenger safety depends on compliant equipment and safe driving habits. Towing a trailer will affect the vehicle's handling, braking, durability, and power performance.

▼Towing Hitch Installation

If you need to have a electric trailer hitch installed, contact an expert repairer (we recommend an Authorised Mazda Repairer).

⚠ CAUTION

For further information, including additional weight and load limits, refer to the manual supplied with the electric trailer hitch. Damage caused by the use of non-Mazda-approved parts is not covered by the warranty.

When using the electric tow hitch, the following functions will be disabled: Mazda Radar Cruise Control (MRCC) featuring Stop & Go, Cruising & Traffic Support (CTS), Lane keeping assist system (LAS), Emergency Lane Keeping (ELK), Lane Change Assist (LCA), Blind Spot Monitoring (BSM), Door Open Warning (DOW), Rear Collision Warning (RCW), Rear Cross Traffic Alert (RCTA) and Rear Cross Traffic Braking (RCTB), etc.

▼Towing Hitch Unfold/Fold

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

▼How to Use the Towing Hitch

Trailer Hitch

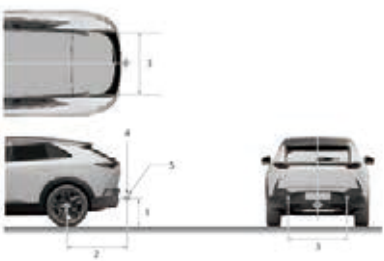
When towing a trailer, please select a compatible trailer hitch. It is recommended to use a Mazda genuine trailer hitch and ensure that its installation position is consistent with the fixing holes preset by the vehicle manufacturer. For more information, it is recommended to consult professional maintenance personnel (we recommend an authorised Mazda repairer).

Do not install a towing hitch that is not easy to remove or reposition

if there is the possibility that a part of the towing hitch partially obscures the lighting system and/or rear number plate.

If a trailer hitch that is easy to remove or adjust is installed, please be sure to remove it or adjust it to a suitable position when not in use.

Towing hitch installation area



1. 360 - 400 mm (14.2 - 15.8 in)
2. 1013 mm (39.88 in)
3. 1075 mm (42.32 in)
4. MAX. 75 kg (165.3 lb)
5. Towing hitch coupling point

Maximum trailer towing-load table

Total Trailer Weight		Gross Combination Weight
Trailer without brake	Trailer with brake	Trailer with brake
750 kg (1653.4 lb)	1,500 kg (3306.9 lb)	4,090 kg (9,016.9 lb)

Trailer nose load: 75 kg (165.3 lb)

Tyres

When towing a trailer, use the following air pressures:

Front	Rear
270 kPa（2.7 bar，39 psi）	320 kPa（3.2 bar，46 psi）

The tyre size, load rating, and inflation pressure should comply with the specifications required by the tyre manufacturer.

⚠ WARNING

When towing a trailer, it is strictly prohibited to use tyres that do not match the original specifications.
Using tyres that do not match the original specifications when towing a trailer can pose safety hazards, which may lead to tyre failure, loss of control, and injury to vehicle occupants.

4 When Driving

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360° View Monitor..... 4-94

* Some models

Switching On and Off the EV System

▼Switching On the EV System

After the vehicle is unlocked using the remote key or Bluetooth® key, the vehicle switches on automatically. Firmly depress the brake pedal. The READY indicator READY illuminates on the centre display when the EV system switches on. Select D (Drive) to move off.

⚠ WARNING

Radio waves from the key may affect medical devices such as pacemakers.
Before using the key near anyone who uses a medical device, consult the device manufacturer or a doctor to confirm that the radio signals will not affect the device.

NOTE

The vehicle cannot be driven whilst charging is in progress.

NOTE

1. If the vehicle is unlocked and switched on, but no door is opened within 30 seconds, it will automatically lock and switch off.
2. If the automatic climate control was operating before the vehicle was switched off, it switches on automatically when the vehicle is switched on again.
3. In low ambient light, the headlamps switch on automatically when the vehicle is switched on.

▼Switching Off the EV System

1. When the selector is in P (Park), the driver's seat is unoccupied, and all doors (including the tailgate) are closed, the vehicle will switch off automatically when the vehicle is locked using the remote key or Bluetooth® key.
2. With the selector in P (Park), tap "Vehicle Menu → Safety Maintenance → One-Touch Power-Off" on the centre display to switch the vehicle off.

⚠ WARNING

Do not use the "One-Touch Power-Off" function whilst driving, except in an emergency.
Switching off the EV system whilst driving may result in the loss of brake assistance and power steering, making the vehicle difficult to control and increasing the risk of a collision.

NOTE

"One-Touch Power-Off" on the centre display is available only when the selector is in P (Park).

After the vehicle is switched off using "One-Touch Power-Off" on the centre display, the Door Open Warning function is temporarily disabled. To restore operation, unlock the vehicle using the mobile app or remote key, or press the brake pedal.

▼Vehicle Storage

If the vehicle is left unused for more than one month, the 12 V battery may become deeply discharged and be damaged.

When parking the vehicle for an extended period, keep the tyres away from oil and, as far as possible, out of direct sunlight and away from rain to reduce exposure to high temperatures and humidity. Clean and treat the rubber seals, then close all doors and lock the vehicle. If the vehicle is stored indoors, one window may be left slightly open.

For long-term storage, wash the vehicle and store it in a dry, well-ventilated location. Inflate the tyres to the maximum pressure shown on the tyre information label. Check the tyre pressures monthly, and move the vehicle weekly to change the tyres' contact patches and prevent flat-spotting.

Warning Indication/Warning Lights

The type of centre display varies depending on the model and equipment. Check the model and equipment of your vehicle.

▼Warning Indicators / Warning Lights

These lights illuminate or flash to indicate a system status or a fault.

Signal	Warning Light
	Advanced Driver Assistance System (ADAS) Warning Light
	High-Voltage Battery Fault Warning Light*1
	EV System Fault Warning Light*1
	Brake System Warning Light*1
	Brake Control System Warning Light*1
	High Beam Control (HBC) System Warning Light*1
	Driver's Seat Belt Warning Light (Front Seats)
	Airbag System Fault Warning Light*1
	Tyre Pressure Monitoring System (TPMS) Warning Light*1
	Child Presence Detection Fault Warning Light*1
	Lane Departure Warning System (LDWS) Warning Light*1
	Lane Departure Warning System Fault Warning Light*1
	Charging Status Indicator Light*1
	Power Output Restricted Warning Light*1
	High-Voltage Battery Low Charge Warning Light*1
	Power Steering System Fault Warning Light*1

Warning Indication/Warning Lights

Signal	Warning Light
	ABS Warning Light*1
	Door-Ajar Warning Light
	Parking Brake Warning Light*1
	Battery Charging System Warning Light*1
	Rear Seat Belt Warning Light

*1. When the power switch is set to ON, the light illuminates for a bulb check and goes out after a few seconds or when the EV system switches on. If the light does not illuminate, or if it remains illuminated, we recommend having the vehicle inspected by an Authorised Mazda Repairer.

▼Indication/Indicator Lights

These lights illuminate or flash to inform you of the system status or a fault.

Signal	Indicator light
	Charging Cable Connection Indicator Light*1
	Rear Fog Indicator Light
	Position Indicator Light
	Direction Indicator / Hazard Warning Indicator Light
	Smart Brake Support OFF Indicator Light*1
	Smart Brake Support Indicator Light*1
	Warning Sign Indication*1
	Prohibition Sign Indication*1
	Integrated Adapted Cruise Control Indicator Light*1

Signal	Indicator light
	Keyless Start Prompt Indicator Light
	Fatigue Warning Indication
	Wrench Indicator Light
	Traffic Light Indication*1
D	Shift Position Indication
	MRCC featuring Stop & Go Standby Indication
	Cruising & Traffic Support (CTS) Standby Indication
	MRCC featuring Stop & Go Set Indication
	Cruising & Traffic Support (CTS) Set Indication
	Speed Limit Warning Indicator*1
	Low Beam Indicator Light
	High Beam Indicator Light
	High Beam Control (HBC) Indicator Light
	Child Presence Detection OFF Indicator Light
	Electric Parking Brake (EPB) Indicator Light*1*2
	Road Sign Display*1
SET	One-Touch Speed Limiter Indicator Light
	Speed Limit Indicator
	AUTO HOLD Indicator Light
	Dynamic Stability Control (DSC) Indicator Light*1
	Discharge Status Indication / Indicator Light*1
	Dynamic Stability Control (DSC) OFF Indicator Light*1

Warning Indication/Warning Lights

Signal	Indicator light
READY	READY Indicator Light

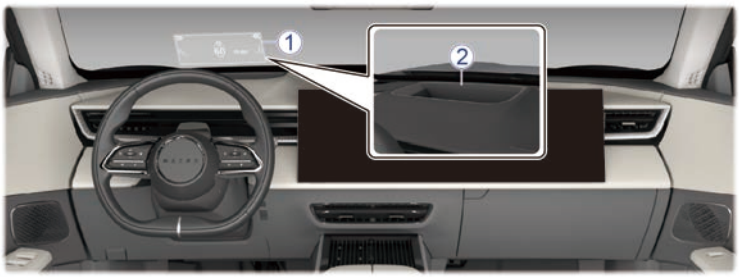
*1. The light illuminates when the power switch is switched ON as an operation check, and turns off after a few seconds or when the EV system switches off. If the light does not illuminate or remains illuminated, we recommend having the vehicle inspected by an Authorised Mazda Repairer.

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

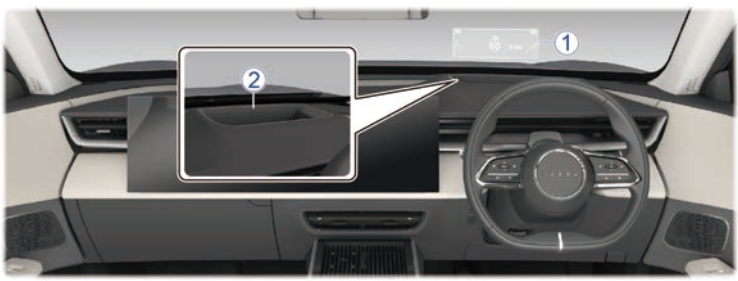
AR-HUD

▼AR-HUD Overview

Left-hand drive models



Right-hand drive models



①Display

②Dustproof cover

⚠ WARNING

Adjust the display brightness and position only when the vehicle is stationary.
Otherwise, your attention may be diverted from driving, which could result in an accident.

CAUTION

- Do not place drinks near the dustproof cover of the AR-HUD. If water or other liquids are spilled on the dustproof cover, damage may result.
- Do not place any objects or apply stickers above the AR-HUD or on the dustproof cover, as this may interfere with operation.

▼AR-HUD Settings

On the centre display, go to "Vehicle Menu → Display → AR-HUD" to access the settings screen.



①Tap to open the AR-HUD settings.

②To adjust the AR-HUD height, slide left or right.

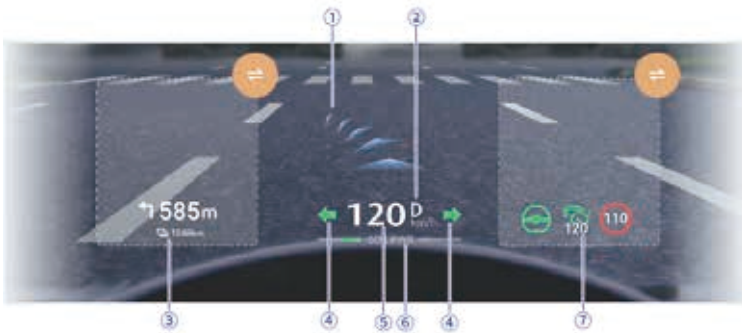
③To adjust the AR-HUD brightness, slide left or right.

④To adjust the AR-HUD projection angle, slide left or right.

⑤To select the AR-HUD display mode, choose Classic, Minimalist or Custom. In Custom mode, you can enable or disable Assisted Driving, AR Navigation, Simple Navigation, Mini-map, Battery, Bluetooth® phone and Lyrics.

⑥Tap to enable AR-HUD Snow Mode.

▼AR-HUD View and Icon Status



①AR Navigation ArrowWhen the vehicle navigation system is active and the vehicle is approaching a turn, an AR navigation arrow appears in the driver's field of view.

②Shift Position Display

③Multi-information DisplayDisplays lyrics, driving time and distance, available lanes, junction guidance and other information.

④Direction Indicator

⑤Speedometer Display

⑥Energy Flow IndicatorGreen indicates regenerative braking. The longer the green bar, the greater the regenerative braking effect. Blue indicates energy consumption. The longer the blue bar, the greater the energy consumption.

⑦Driver Assistance Information DisplayDisplays indicators related to the driver assistance systems.

NOTE

- The figure above shows the icon status in the AR-HUD standard display mode.

- The position swap function allows you to press and hold, then drag, to reposition items on the display.
- Due to the display characteristics, wearing polarised sunglasses may reduce the visibility of the AR-HUD.
- If the battery is disconnected and reconnected, or if the battery voltage is low, the adjustment position may change.
- The display may be difficult to see, or its performance may be temporarily affected by weather conditions such as rain, snow, bright light or temperature changes.
- If the centre display is removed, the AR-HUD will no longer be operable.

Electric Column Shift Functions

▼Electric Column Shift Functions

Use the electric column shift on the right-hand side of the steering wheel to select Reverse (R), Neutral (N) or Drive (D). To select Park (P), press the P button on the selector. When a selection is successful, the corresponding shift position is shown on the centre display and the selected gear is engaged.

If the selection is unsuccessful, a text message is displayed and the vehicle remains in its current gear.

Left-hand drive models



Right-hand drive models



The vehicle automatically selects Park (P) in the following situations:

- The vehicle is switched off.
- A charging or discharging cable is connected.
- The driver exits the vehicle when Park (P) is not selected.

⚠ CAUTION

Always select Park (P) and apply the parking brake: Do not rely solely on Park (P) to secure the vehicle. Always apply the parking brake.
If the vehicle is not fully secured in Park (P), it may move and cause an accident.

▼Shift Position Introduction

This vehicle has four shift positions:

Park (P)

When the vehicle is stationary, press the brake pedal and then press the P button on the electric column shift. The centre display

shows “P”, indicating that the vehicle is in Park.

Reverse (R)

When the vehicle is stationary, press the brake pedal and move the electric column selector up two positions. The centre display shows “R”, indicating that the vehicle is in Reverse.

Neutral (N)

When the vehicle is stationary, press the brake pedal and move the electric column selector up or down one position. The centre display shows “N”, indicating that the vehicle is in Neutral.

⚠ CAUTION

Do not select Neutral (N) while driving:
If Neutral is selected whilst driving, regenerative braking will be unavailable and vehicle deceleration will be reduced, which could increase the risk of a collision.

Drive (D)

With the vehicle stationary, press the brake pedal and move the electric column selector down two positions to select Drive (D). The centre display shows “D”, confirming that Drive is selected.

NOTE

- Whilst driving, in an emergency (for example, if the brake pedal fails), press and hold the P button to activate Dynamic Braking Function (DBF).
- If the 12 V battery is depleted, selecting Park (P) using the electric column shift will not engage the parking lock.

▼Electric Column Shift

Operation

Current shift position: Reverse (R)

- With the vehicle stationary, press the P button to select Park (P).
- To select Neutral (N), move the electric column shift one position down from R or one position up from D. If the vehicle is moving, hold the selector in the N position for approximately 1 second.
- With the vehicle stationary, press the brake pedal and move the electric column selector down two positions to select Drive (D).

Current shift position: Neutral (N)

- With the vehicle stationary, press the P button to select Park (P).
- With the vehicle stationary, press the brake pedal and

move the electric column shift up one position to select Reverse (R). Delete.

- With the vehicle stationary, press the brake pedal and move the electric column shift down two positions to select Drive (D). Delete.

Current shift position: Drive (D)

- With the vehicle stationary, press the P button to select Park (P).
- With the vehicle stationary, press the brake pedal and move the electric column shift up one position to select Reverse (R).
- To select Neutral (N), move the electric column shift up one position from D or down one position from R. If the vehicle is moving, hold the selector in position for approximately 1 second.

Current shift position: Park (P)

- With the vehicle stationary and the brake pedal pressed, move the electric column selector up two positions to select Reverse (R).
- With the vehicle stationary and the brake pedal pressed, move the electric column shift up or down one position to select Neutral (N).
- With the vehicle stationary and the brake pedal pressed, move the electric column selector down two positions to select Drive (D).

⚠ CAUTION

Selecting Park (P), Neutral (N) or Reverse (R) while the vehicle is moving may damage the transmission.

NOTE

Apply the parking brake or press the brake pedal before shifting out of Neutral (N) to prevent unintended vehicle movement.

▼Shift Position Indication

The selected shift position (P, R, N or D) is displayed in the upper left-hand corner of the centre display.

Lighting Control

▼Lighting Control

Switch lighting functions on or off by touching the corresponding icons in 'Vehicle Menu' → 'Lights' → 'Vehicle Lights'.

⚠ CAUTION

➢ Do not cover the sunlight sensor by attaching stickers or labels to the windscreen. Obstructions may prevent the sensor from operating correctly.



NOTE

- Do not leave the headlamps or other exterior lamps on when the EV system is switched off, as this may discharge the 12 V battery.
- The headlights are designed not to dazzle the drivers of oncoming vehicles. Therefore, it is not necessary to adjust the light axis of headlights even when temporarily driving in the countries where vehicles are driven on the right/left side of road.

Switching the Lights Off

Touch the "OFF" icon on the centre display. The icon is highlighted and all exterior lamps switch off.

Automatic Headlamps

Touch the "AUTO" icon on the centre display. The AUTO indicator illuminates and, when ambient light is low, for example at night or in tunnels, the headlamps switch on automatically. Touch "OFF" to deactivate the automatic headlamp function.

Dipped Beam

Touch the " " icon on the centre display. The dipped beam indicator illuminates and dipped beam is switched on. The position

lamps come on automatically when dipped beam is switched on. Touch the “OFF” icon on the centre display to switch off the dipped beam.

Position Lamps

Touch the icon on the centre display. The position lamp indicator, the front and rear position lamps, and the backlight illuminate. Touch the “OFF” icon on the centre display to switch off the position lamp.

Rear Fog Lamp

The rear fog lamp will not illuminate unless dipped beam or main beam is switched on.

Touch the " " icon on the centre display. The rear fog lamp indicator and rear fog lamp illuminate. Touch the rear fog lamp icon again, or touch “OFF”, to switch the rear fog lamp off.

NOTE

- Use the rear fog lamp only in fog, falling snow, heavy rain or other conditions of poor visibility.

Headlamp Levelling*

The vehicle attitude, and therefore headlamp aim, varies with load, acceleration and deceleration. Adjust dipped beam aim via the Lights screen on the centre display. Raising the aim increases illumination range; lowering it reduces glare for other road users.

When set to “Adaptive”, dipped beam aim varies automatically with vehicle load.

Follow-me-home Lighting Delay

The follow-me-home function can be activated when the vehicle is parked and switched off in low-light conditions. The position lamps and dipped beam headlamps switch on and remain on for a short period to illuminate your path.

On the centre display, select “Vehicle Menu → Lights” to set the delay time: Off, 10 s, 30 s, 60 s, or 120 s.

▼Lighting Control Lever

Left-hand drive models

* Some models



Right-hand drive models



Lane-change indication: Move the lighting control lever up or down one position to indicate a right or left lane change. The corresponding indicator flashes three times and then switches off automatically.

Direction indicators: Move the lighting control lever up or down two positions to indicate a right or left turn. The indicator will flash continuously. To cancel, allow the steering wheel to return to the straight-ahead position, or move the lever one position towards the neutral position.

NOTE

- If the indicators remain on without flashing, or if they flash abnormally, the system may be faulty. Have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

High beam: After switching on dipped beam using the headlamp switch on the centre display , push the lighting control lever forwards to select main beam. Push the lever forwards again to return to dipped beam.

Headlamp flash: Pull the lighting control lever towards you to flash the main beam momentarily; release it to cancel.

High Beam Assist (HBA)

High Beam Assist (HBA) uses the same camera as the Lane Assist system. When the system detects the rear lamps of a vehicle ahead, the headlamps of an oncoming vehicle or bright ambient lighting, it automatically dips the headlamps from main beam to dipped beam. When ambient light is low and no vehicles are detected ahead, main beam is restored automatically.

⚠ CAUTION

HBA is a driver assistance feature and may not operate correctly in all conditions. You must remain in control of the vehicle at all times, drive with due care and attention, and take full responsibility for operating the vehicle.

HBA may assist with switching between dipped beam and main beam. However, in the following situations or on certain roads, the system may not switch between dipped beam and main beam automatically, and manual operation is required:

- in heavy rain, dense fog, heavy snow or muddy conditions;
- when pedestrians or cyclists are on or near the carriageway;
- When negotiating sharp bends.

If the headlamps of an oncoming vehicle are obscured, for example by a central reservation, the system may not dip the main beam.

HBA can be switched on or off via the centre display: select "Vehicle Menu → Lights → Vehicle Lights".

When enabled, a white icon appears at the top of the centre display. Set the lighting control to 'AUTO' to place the function in standby.

When the function is in standby and the vehicle is driven at night above 30 km/h (18.641 mph), the system activates automatically and a blue icon is shown at the top of the centre display.

When the camera detects a vehicle ahead, street lighting or increased ambient light, the system automatically switches to dipped beam.

Main beam is restored approximately three seconds after the camera no longer detects a vehicle ahead or other relevant light sources.

If the lighting control is set to a position other than 'AUTO', the function remains in standby and will not switch automatically between dipped beam and main beam.

Manual override remains available: you can switch between dipped beam and main beam manually using the lighting controls on the centre display.

Wipers and Washers

▼Front Wipers

Wiper Control Lever

Left-hand drive models



Right-hand drive models



The front wiper button has two functions: single wipe and wash/wipe.

Single Wipe: Press the wiper button lightly to activate the single-wipe function.

Wash/Wipe: Press the wiper button firmly to activate the wash/wipe function.

To make the wiper wipe once, press the wiper button lightly.

The front wiper switch has four positions: OFF, AUTO, LO and HI.

OFF: Turn the wiper switch to OFF to switch off the wipers.

AUTO: Turn the wiper switch to AUTO and the rain-sensing wipers will automatically adjust their speed.

LO: Turn the wiper switch to LO for continuous low-speed wiping.

HI: Turn the wiper switch to HI for continuous high-speed wiping.

Automatic Wiper Sensitivity Adjustment

On the centre display, go to Vehicle Menu→ Driving to adjust the automatic wiper sensitivity. Low, Fairly Low, Medium, Fairly High, and High.

⚠ CAUTION

- Do not cover the rain sensor with a sticker or label on the windscreen. Otherwise, the rain sensor may not operate correctly.



- When the vehicle is switched on and the wiper control lever is in the AUTO position, the windscreen wipers may operate automatically in the following situations:
  - If the area of the windscreen above the rain sensor is touched or wiped with a cloth.
  - If the windscreen or the area around the rain sensor inside the vehicle is struck.

Windscreen Washer

Press the wash/wipe button firmly to start the washer spray; the wipers will then begin to move.

When the wiper switch is in the OFF position, releasing the wash/wipe button will stop the washer spray, but the wipers will continue to operate for a short time.

When the wiper switch is in LO, HI or AUTO, releasing the wash/wipe button will stop the washer spray, and the wipers will resume operation at the selected speed.

⚠ CAUTION

Do not operate the washer system when the washer fluid level is low, as this may damage the washer motor.

Do not operate the wipers on a dry, frozen or ice-covered windscreen, as this may damage the windscreen and the wiper blades.

When the temperature is below 0°C (32℉), use washer fluid with antifreeze.

▼Rear Wipers

Wiper Control Lever

Left-hand drive models



Right-hand drive models



The rear wiper control lever has three modes: Wash, Off and Intermittent.

Rear Wiper Wash : Turn the rear wiper control lever to the Wash position. The washer fluid will spray and the rear wiper will operate continuously. When the control lever is released, the washer will stop and the rear wiper will continue to operate for a short time before returning to the previously selected setting.

Rear Wiper Off : Turn the rear wiper control lever to the OFF position to switch off the rear wiper.

Rear Wiper Intermittent Operation : Turn the rear wiper control lever to the Intermittent position to operate the rear wiper intermittently.

Hazard Warning Flashers

▼Hazard Warning Flashers

Use the hazard warning flashers whenever you have to stop the vehicle in an emergency on or near the road.



Press the hazard warning light switch on the front map light panel to turn the hazard warning flashers on. All direction indicators will flash together. Press the switch again to turn them off. The hazard warning flashers will also operate when the vehicle is switched off.

NOTE

- The direction indicators cannot be used while the hazard warning flashers are on.
- Before towing the vehicle, check local regulations on the use of hazard warning flashers to ensure compliance with the law.

- On smooth road surfaces, the Emergency Stop Signalling (ESS) function may not operate. In such cases, the direction indicators will flash at the normal hazard warning rate.
- When the ESS function operates during heavy braking, the direction indicators flash rapidly to warn following drivers of an emergency braking situation.

Horn

▼Horn

To sound the horn, press the horn symbol on the steering wheel.

Left-hand drive models



Right-hand drive models



Low-Speed Pedestrian Alert System

▼Low-Speed Pedestrian Alert System

The vehicle emits a low-level sound while driving. To alert pedestrians, the vehicle is equipped with a low-speed pedestrian alert system. This system activates an external speaker to emit a sound, warning pedestrians that the vehicle is approaching at low speed.

When enabled, the system emits an alert sound when the vehicle is travelling below 30 km/h or reversing.

When driving forwards, the volume and pitch of the alert sound increase in proportion to the vehicle's speed.

Brake System

▼Front and Rear Disc Brakes

This vehicle is equipped with hydraulic disc brakes. Pressing the brake pedal applies the brakes, and releasing it releases them.

When starting the vehicle with the brake pedal depressed, the brake pedal may feel soft at first. This is normal and does not indicate a fault.

⚠ WARNING

Never coast with the EV system off. Stop the vehicle in a safe place.
Coasting with the EV system off is dangerous. More effort will be required to brake, and brake assist may be depleted if the brake pedal is pumped repeatedly. This could result in longer stopping distances and increase the risk of an accident.

Do not keep the brake pedal depressed continuously or apply the brakes for long periods when descending a steep hill:
Keeping your foot on the brake pedal continuously or applying the brakes for long periods is dangerous. This can cause the brakes to overheat, resulting in longer stopping distances or even brake failure. This could lead to loss of vehicle control and a serious accident. Avoid continuous brake application.

If the brakes become wet, drive slowly, release the accelerator pedal and lightly apply the brakes several times until braking performance returns to normal.
Driving with wet brakes is dangerous. Increased stopping distances or the vehicle pulling to one side when braking could lead to a serious accident. Apply the brakes lightly to check whether braking performance has been affected.

⚠ CAUTION

- Before setting off, make sure that all brake system indicator lights operate correctly.
- The brake pads are fitted with wear indicators. If you hear a metallic scraping noise during braking, have the vehicle inspected by a qualified repairer (we recommend an Authorised Mazda Repairer).
- Do not continue driving if the brake pads are worn to their wear limit, as this could result in an accident.
- Never drive with your foot resting on the brake pedal. Doing so could result in the following:
  - Faster wear of brake components.

- The brakes may overheat, reducing braking performance.

- Always use your right foot to operate the brake pedal. Applying the brakes with your left foot could delay your response in an emergency, resulting in insufficient braking force.



- Wear suitable footwear when driving to avoid inadvertently pressing the brake pedal instead of the accelerator pedal.

▼Electronic Parking Brake (EPB)

The Electronic Parking Brake (EPB) performs several functions, including parking, Drive Away Assist, High-temperature Re-clamping, Dynamic Braking, and AUTO APPLY. To apply the parking brake, shift to P or select "Electronic Parking Brake" on the centre display (Vehicle Menu → Driving → Electronic Parking Brake). The EPB indicator light will then illuminate in red. To release the parking brake, depress the brake pedal, then shift from P to D, R or N. The EPB is then released and the indicator light goes off. Operating noise during engagement or release of the parking brake is normal.

⚠ WARNING

Do not drive with the parking brake applied:
Driving with the parking brake applied may cause brake components to overheat and reduce braking performance, increasing the risk of an accident. Before driving, make sure that the parking brake is released and that the EPB indicator light in the centre display is off.

Always apply the parking brake when leaving the vehicle:
Otherwise, the vehicle may move unexpectedly and cause an accident. Before leaving the vehicle, apply the parking brake and make sure that the EPB indicator light in the centre display comes on.

⚠ CAUTION

- Always shift to Park (P) when parking the vehicle to ensure safety.
- If the rear brake pads need replacing, consult a qualified

repairer (we recommend an Authorised Mazda Repairer).

NOTE

- The parking brake cannot be applied or released if the vehicle battery is discharged.
- A sound may be heard when the parking brake is applied or released. This is normal and does not indicate a fault.
- If the EPB is not used for an extended period, the system may operate automatically while the vehicle is parked to perform a self-check. A sound may be heard during this process. This is normal.
- It is normal for the brake pedal to move when the parking brake is applied or released.
- To prevent unintended braking, disable the automatic parking brake function before entering a conveyor-type automatic car wash that moves the vehicle by the front tyres.
- When using an automatic car wash, shift to N (Neutral), release the parking brake, and activate Car Wash Mode.

▼Drive Away Assist (DAA)

Drive Away Assist (DAA) is an additional feature of the Electronic Parking Brake (EPB). When the required conditions are met, DAA automatically releases the parking brake to assist vehicle start-off.

DAA operates under the following conditions: The driver's seat belt must be fastened, the driver's door closed, the gear selector in Drive (D) or Reverse (R), and the accelerator pedal depressed moderately.

⚠ WARNING

- DAA can also be used when reversing; however, always make sure it is safe to do so.

▼High-temperature Re-clamping Function (HTR)

The High-temperature Re-clamping (HTR) function is part of the Electronic Parking Brake (EPB) system. Repeated braking operations may lead to overheating of the brake discs. To maintain parking safety, HTR automatically re-clamps the brake discs at intervals after the vehicle has been parked. An operating noise may be heard during this process. This is normal.

⚠ WARNING

- After repeated braking, it is recommended that the vehicle be parked on a level surface to maximise parking safety.

▼Dynamic Braking Function (DBF)

The Dynamic Braking Function (DBF) is a feature of the Electronic Parking Brake (EPB) system. While driving, press and hold the Park (P) button to activate Smart Brake Support (SBS). For emergency braking using DBF, the Park (P) button must be pressed and held. If the Park (P) button is released, braking is released.

⚠ WARNING

- DBF braking should only be used in emergency situations.

▼AUTO APPLY (Automatic Parking Brake Application on Power-off)

When the vehicle is powered off, the EPB is automatically applied.

For safety, make sure that AUTO APPLY is activated before leaving the vehicle.

The following indicate that AUTO APPLY has been activated:

- The Park indicator light on the centre display illuminates for approximately 30 seconds after the vehicle is powered off.
- A motor noise may be heard from the rear brakes for about 2 seconds.

⚠ WARNING

If the vehicle needs to be towed, tap “Vehicle Menu → Driving → Trailer Mode” on the centre display to release the electronic parking brake. If the trailer mode is not enabled for towing, the vehicle may be damaged.

AUTO HOLD

▼AUTO HOLD

AUTO HOLD assists the driver by automatically holding the vehicle in place through the DSC system maintaining brake pressure. Even if the brake pedal is released, the vehicle will remain stationary. Under the appropriate conditions, pressing the accelerator pedal will automatically release AUTO HOLD, allowing the vehicle to move off smoothly. After the brake pedal has been released, pressing it firmly again will also automatically release AUTO HOLD.

AUTO HOLD can assist the driver in the following situations:

- when moving off, particularly on steep inclines;
- when driving on steep inclines;
- when the vehicle is temporarily stationary in traffic.

AUTO HOLD operating conditions

- The vehicle is completely stationary.
- “READY” is displayed on the centre display.
- The driver’s door is closed.
- The driver is seated and the seat belt is fastened.
- The electronic parking brake warning light is off.
- The DSC system is active and functioning properly.
- The brake pedal is firmly depressed.

If the vehicle tends to roll after AUTO HOLD is engaged, the system will automatically increase brake pressure to prevent movement. You may hear the DSC motor operating; this is normal. If the vehicle begins to move again after AUTO HOLD has intervened, the system will automatically switch to the electronic parking brake. This is normal.

When moving off, if AUTO HOLD is active, pressing the accelerator pedal or pressing the brake pedal firmly again after releasing it will deactivate AUTO HOLD.

The AUTO HOLD function can be switched on or off via Vehicle Menu→ Driving on the centre display.

⚠ WARNING

Do not rely solely on the AUTO HOLD function.

The AUTO HOLD function is designed to assist braking while the vehicle is stationary. Relying solely on the system without applying the brakes is dangerous and may allow the vehicle to move unexpectedly, which could result in an accident.

Be aware that the vehicle may move unexpectedly depending on the vehicle load or if it is towing a trailer.

Do not remove your foot from the brake pedal while the vehicle is stopped on a steep incline.

The AUTO HOLD function may not always hold the vehicle on a steep incline. The vehicle could move unexpectedly and cause an accident.

Do not use the AUTO HOLD function on slippery roads, such as icy or snow-covered roads, or on unpaved roads.

Even if AUTO HOLD keeps the vehicle stationary, the vehicle may still move unexpectedly and cause an accident. Operate the accelerator pedal, brake pedal and steering wheel as necessary.

Always apply the parking brake when parking the vehicle.

Failing to apply the parking brake when parking the vehicle is dangerous, as the vehicle may move unexpectedly and cause an accident. When parking the vehicle, shift to P and apply the parking brake.

⚠ CAUTION

- If you release the accelerator pedal before the vehicle starts to move, the force holding the vehicle stationary may be reduced. Firmly depress the brake pedal, or depress the accelerator pedal to move off.

NOTE

- AUTO HOLD is enabled by default at the factory.
- When the conditions for both AUTO HOLD and Hill Launch Assist (HLA) are met, AUTO HOLD takes priority, and the indicator  will illuminate on the centre display when AUTO HOLD is active.
- AUTO HOLD will automatically switch to the electronic parking brake after approximately three minutes of continuous operation.
- When AUTO HOLD is engaged, you may hear the DSC operating. This is normal.
- AUTO HOLD is not a substitute for the electronic parking brake. Always park the vehicle safely to ensure that it does not roll.
- If the driver's door is opened while AUTO HOLD is active, AUTO HOLD will immediately disengage and the electronic parking brake will be applied to prevent the vehicle from rolling.
- If AUTO HOLD malfunctions, a warning indicator  will illuminate on the centre display. Have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

Antilock Brake System (ABS)

In emergency situations or on slippery roads, ABS helps prevent wheel lock, helping to maintain steering control and stability during braking.

When ABS is operating, the brake pedal may pulsate and the ABS motor in the motor compartment may make an operating noise. This is normal.

Each time the vehicle is started, ABS performs a self-check when the vehicle first reaches 40 km/h (24.855 mph), during which a sound may be heard. This is normal.

⚠ WARNING

Do not rely on ABS as a substitute for safe driving.
ABS cannot compensate for unsafe or reckless driving, excessive speed, following too closely, driving on icy roads, or aquaplaning (loss of tyre grip and road contact due to water). Accidents may still occur.

During emergency braking on icy roads, stopping distances will be longer than on dry roads, so reduce speed and drive with care.

NOTE

- Stopping distances may be longer on surfaces with a firm base and a loose top layer, such as snow or sand. However, under these conditions, a vehicle without ABS may require a shorter stopping distance because a wedge of surface material may build up in front of the tyres when the wheels skid.
- You may hear a motor sound when switching on the EV system or immediately after the vehicle is powered on. This does not indicate a malfunction.

Traction Control System (TCS)

The Traction Control System (TCS) maintains traction by detecting wheel slip and adjusting brake force and electric drive output to prevent or reduce further wheel slip. This improves vehicle stability, acceleration and hill-climbing ability.

If the vehicle becomes stuck in snow, mud or sand, it may help to deactivate the traction control system temporarily to restore drive torque and help the vehicle escape.

⚠ 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 or reckless driving, excessive speed, following another vehicle too closely, or aquaplaning (loss of tyre grip and road contact caused by water on the road surface). You could 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 appropriate traction devices on snow- 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 monitors vehicle behaviour using various sensors and adjusts the braking force at individual wheels or the output torque of the electric drive when it detects a loss of stability, for example during sharp cornering or sudden lane changes. This helps to improve vehicle stability and enhances driving safety.

When DSC is operating, the DSC indicator light flashes, the brake pedal may pulsate slightly, and the sound of the DSC motor may be heard from the motor compartment. These are normal.

To switch on or off: The DSC function can be switched on or off from the “Vehicle Menu → Driving” screen on the centre display. When DSC is switched off, the DSC OFF indicator light illuminates on the display, and both DSC and TCS are switched off. When DSC is switched on, the indicator light goes out and DSC and TCS are enabled.

If DSC malfunctions, the DSC indicator on the centre display remains illuminated. In such cases, we recommend having the vehicle inspected by an Authorised Mazda Repairer.

⚠ WARNING

For safety, keep DSC switched on.

Hill Launch Assist (HLA)

The Hill Launch Assist (HLA) system helps the vehicle to start more smoothly on an incline. When the brake pedal is released, the system holds the vehicle stationary for a short time to allow the driver to press the accelerator and move off, helping to prevent the vehicle from rolling backwards.

⚠ CAUTION

If the vehicle remains stationary for more than 2 seconds after the brake pedal is released, or if insufficient accelerator input is applied, HLA is deactivated. The vehicle may then roll backwards, increasing the risk of an accident or injury.

If the driver's door is opened while HLA is active, HLA is deactivated and control is transferred to the electric parking brake to help keep the vehicle stationary and prevent unintended movement.

NOTE

- HLA is enabled by default.
- Operating noise from the DSC system during HLA activation is normal.
- The brake pedal must be pressed firmly to activate HLA.
- If HLA malfunctions, have the vehicle inspected by a qualified repairer immediately; we recommend an Authorised Mazda Repairer.

Hill Descent Control (HDC)

The Hill Descent Control (HDC) system helps to control vehicle speed on steep descents by automatically keeping the vehicle speed below the upper limit set by the driver, helping to maintain safe and controlled low-speed downhill driving.

HDC indicator light

The HDC indicator light illuminates green when the system is ready for activation and flashes green when HDC is operating.

If the HDC indicator light illuminates yellow, the system may have malfunctioned. Have the vehicle inspected by an expert repairer immediately; we recommend an Authorised Mazda Repairer.

HDC Function

The HDC function can be switched on or off from the “Vehicle Menu → Driving” screen on the centre display.

When activated, the system automatically maintains the vehicle at the speed at which the driver releases the accelerator or brake pedal while descending a slope. If the driver presses the brake or accelerator pedal again and then releases it, HDC maintains the vehicle speed within its operating range of 0 to 35 km/h (0～ 21.748 mph).

NOTE

- Even when HDC is active, the driver must remain alert and be prepared to intervene if necessary.
- HDC is automatically deactivated if the vehicle speed exceeds 60 km/h (40 mph) or if the brake disc temperature becomes too high.

Power Steering

▼Electric Power Steering (EPS)

Steering effort is reduced during low-speed manoeuvres and increased during high-speed driving to improve comfort and handling stability.

Under the following conditions, the Electric Power Steering (EPS) warning light may not illuminate even though steering effort increases. This is normal under the following conditions:

- If the vehicle is stationary and the steering wheel is turned repeatedly or held turned for a prolonged period, the power assistance may be reduced to prevent the system from overheating. If this occurs, stop turning the steering wheel and wait until the system has cooled down before operating it again.

NOTE

- Repeatedly turning the steering wheel while the vehicle is stationary may damage the Electric Power Steering system.
- A humming noise may be heard from the power assistance motor when the steering wheel is turned. This is normal.
- Do not remove or replace the steering gear, steering column or steering wheel unless the work is carried out by a qualified repairer. If replacement is necessary, consult a qualified repairer (we recommend an Authorised Mazda Repairer).

⚠ CAUTION

➢ Do not hold the steering wheel at full lock for more than 10 seconds, as this may damage the power assistance motor.

Drive Modes

▼Drive Modes

There are three drive modes: Comfort, Sport and Custom. You can select and configure drive modes in Driving > Drive Mode on the centre display.

Comfort Mode
In this mode, accelerator response is moderated, regenerative braking during deceleration is gentle, and steering assistance is increased for a lighter steering feel. These settings are calibrated to deliver a more comfortable driving experience.

Sport Mode
In this mode, accelerator response is sharpened, regenerative braking during deceleration is increased for more controlled deceleration, and steering assistance is reduced to provide greater feedback and a heavier steering feel. These settings are calibrated to deliver a distinctly sportier driving experience.

Custom Mode
In this mode, you can customise certain driving characteristics:

- Acceleration: Medium (gentle acceleration); Strong (more responsive acceleration).
- Regenerative Braking (Coasting): Low (no energy recovery during coasting); Standard (gentle deceleration during coasting); Moderate (moderate deceleration during coasting); Strong (strong deceleration during coasting).
- Steering: Standard (moderate steering assistance and steering effort); Sport (reduced steering assistance and a firmer steering feel).

NOTE

1. When the high-voltage battery is fully charged or at a high state of charge, deceleration after you release the accelerator pedal may be reduced in all drive modes. As the battery state of charge decreases, the deceleration effect will gradually return to normal.
2. If regenerative braking produces significant deceleration when you release the accelerator pedal, the stop lamps may illuminate.

Driving Tips

▼High-Speed Driving

- Maintain the correct tyre pressure.
- The higher the speed, the longer the braking distance. Apply the brake pedal progressively according to vehicle speed and road conditions.
- Maintain a safe distance from the vehicle in front.
- Reduce speed and hold the steering wheel firmly when driving through mountain passes, overtaking large vehicles or passing through tunnels, as the vehicle may be affected by crosswinds.

⚠ WARNING

Avoid driving at high speed at night, in rain, on slippery roads or through standing water.

▼Night Driving

- Avoid driving at high speed and maintain a safe distance from the vehicle in front.
- Adjust the mirrors before driving to reduce glare from vehicles behind.
- Ensure that the headlamps are clean before driving so that visibility is not reduced.
- Before driving, check that the dipped beam, main beam, direction indicators, horn and other equipment are functioning properly.

▼Driving in Rain

- Drive slowly and maintain a safe distance from the vehicle ahead. Heavy rain can reduce visibility and increase braking distance.
- Check the condition of the windscreen wiper blades before driving.
- Inspect the tyres before driving, as worn or damaged tyres may cause skidding or loss of control.
- If braking performance is reduced after driving through water, lightly depress the brake pedal several times to help dry the brake discs and pads and restore normal braking performance.

⚠ WARNING

Turn on the headlamps when driving in the rain so that your vehicle is more visible to other road users.

▼Driving in Waterlogged Areas

- Avoid potholes and waterlogged areas 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 drive the vehicle on flooded roads as it could cause short circuiting of electrical/electronic parts from water absorption. If the vehicle has been immersed in water, consult an expert repairer (we recommend an Authorised Mazda Repairer)
- After driving through water, lightly depress the brake pedal several times to help dry the brakes and restore normal braking performance.

▼Driving on Muddy Roads

- Avoid driving at high speed or accelerating suddenly.
- Do not drive with excessively worn tyres.
- After driving for an extended distance in muddy conditions, have the vehicle inspected and cleaned as necessary.

▼Driving on Hills

When driving uphill, apply the accelerator pedal according to the gradient and vehicle speed.

⚠ WARNING

Do not coast in neutral when driving on hills.

Advanced Driver-Assistance Systems (ADAS)

▼Advanced Driver-Assistance Systems (ADAS)

Advanced Driver-Assistance Systems (ADAS) is a collective term for a range of advanced safety and driver support systems that use cameras and sensors. These systems include Active Safety Technologies and Collision Avoidance Technologies.

ADAS is designed to enhance driving safety by reducing driver workload and helping to prevent collisions or minimise their impact. Whilst ADAS provides valuable assistance, it has limitations. Drivers must remain vigilant and must not rely entirely on these features.

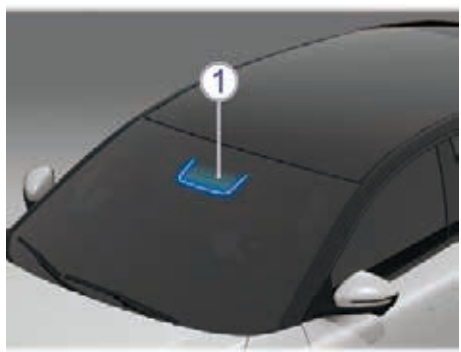
⚠ WARNING

When the electric trailer hitch is in use, the following functions are unavailable: MRCC featuring Stop & Go, Cruising & Traffic Support (CTS), Lane Keeping Assist (LAS), Emergency Lane Keeping (ELK), Lane Change Assist (LCA), Blind Spot Monitoring (BSM), Door Open Warning (DOW), Rear Collision Warning (RCW), Rear Cross Traffic Alert (RCTA), and Rear Cross Traffic Braking (RCTB).

Smart Front View Camera

▼Smart Front View Camera

The smart front view camera is located at the centre of the windscreen.



1. Smart Front View Camera

Radar Sensors

▼Front Radar Sensor

The front radar sensor is located in the centre of the front bumper.



①Front radar sensor

▼Rear Radar Sensors

The rear corner radar sensors are located on the inside of the left-hand and right-hand sides of the rear bumper.



①Rear corner radar sensors

Parking Sensors

▼Front Parking Sensors



Two front ultrasonic sensors are located in the front bumper.

▼Rear Parking Sensors



Four rear ultrasonic sensors are located in the rear bumper.

Cameras

▼Cameras

The vehicle is fitted with front, side and rear cameras. The 360° View Monitor system uses these cameras to capture images of the surrounding area.

The cameras are mounted in the following positions:



①Side cameras (one on each side)

②Front camera

③Rear camera

Smart Brake Support (SBS)

▼Smart Brake Support (SBS)

Smart Brake Support (SBS) consists of the Forward Obstruction Warning (FOW) and Smart Brake Support (SBS) functions.

The Forward Obstruction Warning (FOW) system warns the driver to apply the brakes if a frontal collision with the vehicle ahead is imminent.

If the driver's braking force is insufficient, SBS provides additional braking assistance. If the driver does not respond, the system automatically applies maximum braking force to help avoid or mitigate the collision.

Read this section carefully and make sure you understand its contents.

⚠ CAUTION

- The SBS system is designed to assist the driver only under certain conditions. The driver remains fully responsible for the safe operation of the vehicle at all times.
- The SBS system operates only for vehicles travelling ahead in the same lane, whether stationary or moving. It does not operate for oncoming vehicles, crossing vehicles, pedestrians (except on models equipped with Cruising & Traffic Support (CTS)), animals or other road users. The system may also fail to detect smaller objects, such as motorcycles and bicycles.
- Due to technical limitations, the system may occasionally activate even when there is no actual risk of collision.

The SBS system uses the front radar sensors shared with the MRCC featuring Stop & Go system to detect vehicles ahead. On models equipped with Cruising & Traffic Support (CTS), the system uses the front radar sensors together with the front camera to identify targets ahead. The detection limitations of the radar and camera may also affect SBS performance.

⚠ CAUTION

System performance may be affected by factors such as traffic conditions, road conditions and weather. In the following situations, including but not limited to those listed below, SBS may not operate or its performance may be reduced. Do not rely excessively on SBS, and do not intentionally test the system or wait for SBS to activate:

- Severe weather, such as heavy rain, heavy snow or hail, and slippery road surfaces, such as icy, snowy, wet or flooded roads.
- When a target vehicle cuts in, is detected only after your vehicle changes lane, is on a sharp bend, or brakes suddenly at close range.
- Environments in which radar operation is affected, such as areas with electromagnetic interference, transformer stations, underground car parks, tunnels, steel bridges, railway tracks, construction sites, and width or height restriction barriers.
- Changes in the radar installation position, for example due to strong vibration or minor impact.
- The camera may not operate correctly in severe cold weather. Rain, snow, fog and low light may affect the camera's ability to recognise pedestrians, reducing pedestrian SBS performance.
- When the sensors are obstructed by bird droppings, mud, ice, insects or similar debris.
- Vehicle modifications, such as lowering the ride height or changing the front number plate bracket, may reduce SBS performance or increase the likelihood of false activation.
- When the accelerator pedal is pressed firmly.
- When the target vehicle has an irregular shape or an indistinct rear profile.

▼Operating the System

On the centre display, go to "Vehicle Menu → Driver Assistance → Safety Assistance" to enable or disable the following functions: "Forward Obstruction Warning (FOW)" and "Smart Brake Support (SBS)".

⚠ CAUTION

The Smart Brake Support (SBS) function must be switched off in the following circumstances:

- When the vehicle is being towed.
- When the vehicle is on a dynamometer.
- When the position of the radar sensor has changed (for example, after a rear-end collision).

▼Operating Conditions

If the driver applies insufficient braking force after a forward obstruction warning, the Smart Brake Support (SBS) system will assist with braking. The display

will show a warning message. This function is effective when the vehicle is travelling within the following speed ranges:

- For stationary vehicles:

  4 km/h to 85 km/h (2.485 to 52.817 mph);

- For moving vehicles:

  4 km/h to 150 km/h (2.485 to 52.817 mph);

- For pedestrians:

  4 km/h to 60 km/h (2.485 to 52.817 mph);

- For crossing cyclists: 10 to 30 km/h (6.214 to 18.641 mph)

  4 km/h to 85 km/h (2.485 to 52.817 mph);

NOTE

- The SBS system operates in the background and may not be noticeable to the driver. Even if a potential obstruction is detected, the system will not issue a warning or apply automatic braking until a certain risk threshold is reached.
- To reduce braking response time, when the system detects a risk of collision, it may automatically increase brake pressure according to the level of risk. During this process, the DSC electromagnetic valves and motor may produce a ticking sound. This is normal when the SBS system is operating.

The system may not function under the following conditions (this list is not exhaustive):

- The SBS system is switched off.
- The driver is not wearing a seat belt.
- The gear selector is not in D (Drive).
- The vehicle speed is outside the operating range.
- The driver is braking or steering actively.
- The driver is pressing the accelerator pedal sharply.
- The vehicle is switched off.
- The system determines that the risk of collision has been resolved.
- The vehicle is unstable.
- The system is initialising.
- There is a malfunction in the DSC system.
- There is a malfunction in the SBS system.
- The radar is obstructed.
- The camera is obstructed (for pedestrian and cyclist detection).

NOTE

- The SBS system may actively brake the vehicle to a stop. Approximately 2 seconds after the vehicle comes to a complete stop, the system will release the brakes. The driver must promptly take control of the vehicle, for example by pressing the brake pedal.

Forward Obstruction Warning (FOW)

▼Forward Obstruction Warning (FOW)

If the system detects a risk of collision with a vehicle ahead, it warns the driver with audible and visual alerts.

If the vehicle follows another vehicle too closely for an extended period, the centre display shows “Please maintain a safe distance”. This warning applies only to moving vehicles when the vehicle speed is between 60 km/h and 150 km/h (40 ~ 90 mph).

The Forward Obstruction Warning (FOW) system does not operate in the following situations:

- The Forward Obstruction Warning (FOW) system is switched off.
- The gear selector is not in the “D” (Drive) position.
- The vehicle speed is outside the operating range.
- The driver is braking or steering.
- The driver is pressing the accelerator pedal sharply.
- The vehicle is switched off.

- The system detects that the risk of collision has been reduced.
- The vehicle is unstable.
- The system is initialising.
- There is a malfunction in the DSC system.
- The centre display is malfunctioning.
- There is a malfunction in the SBS system.
- The radar is obstructed.
- The camera is obstructed.

The FOW system sensitivity can be set to three levels: Early, Medium and Late. A higher sensitivity setting causes warnings to be issued earlier and more frequently.

When the vehicle is travelling at medium to high speed and there is a risk of collision with a target ahead, the centre display shows a “Collision Risk” warning and sounds a continuous audible alarm. Pedestrians can be detected only on models equipped with a front camera. The detection limitations of both the camera and the radar may affect pedestrian SBS performance. This warning operates within the following vehicle speed ranges:

- For stationary vehicles: 8–150 km/h (4.971-90 mph);
- For moving vehicles: 8–150 km/h (4.971-90 mph);
- For crossing pedestrians: 8–85 km/h (4.971-52.817 mph).

High Beam Control (HBC)

▼High Beam Control (HBC)

The High Beam Control (HBC) system operates in two modes:

1. It automatically switches the headlamps on or off according to the ambient light detected by the forward-facing camera or the light sensor;
2. It automatically switches between main beam and dipped beam by detecting the lamps of oncoming vehicles using the forward-facing camera.

⚠ CAUTION

- Do not alter the vehicle ride height, modify the headlamp units or remove the camera, as doing so may affect system operation.
- Do not rely solely on the High Beam Control (HBC) system. Always pay full attention to driving conditions and safety. Switch manually between main beam and dipped beam if necessary.

▼Operating the System

On the main page of the centre display, go to "Vehicle Menu → Lights → Headlamp Adjustment" and tap the Intelligent High Beam button to switch the High Beam Control (HBC) function on or off.

When the function is switched on, a white icon appears on the centre display to indicate that the system is in standby mode.

When the function is in standby mode and the vehicle is driven at night, the system is activated automatically once the vehicle speed exceeds 30 km/h (18.641 mph), and a blue icon appears on the centre display.

When the camera detects an oncoming vehicle, street lighting or increased ambient light, the system automatically dips the headlamps.

The main beam is restored approximately 3 seconds after the camera detects that no oncoming vehicle is within range.

If the lighting control is not set to "AUTO", the function remains in standby mode and the system will not switch between main beam and dipped beam automatically.

Even when the function is switched on, the driver can manually switch between main beam and dipped beam using the lighting controls.

The system may be unavailable under the following conditions (this list is not exhaustive):

1. ABS or ESP is active, in which case the system cannot switch between main beam and dipped beam;
2. Fog lamps are on and the camera detects dense fog;
3. The steering angle is excessive;
4. The vehicle's lateral acceleration is excessive;
5. The vehicle's yaw rate is excessive;
6. The windscreen wipers have been operating at high speed for more than 60 seconds while the vehicle speed is above 60 km/h.

Lane Keeping Assist System (LAS)

▼Lane-keeping Assist (LAS) System

The Lane-keeping Assist System (LAS) uses a forward-facing camera to detect lane markings and determine the vehicle's position within the lane.

The Lane-keeping Assist System (LAS) comprises the Lane Departure Warning System (LDWS) and the Lane Departure Prevention (LDP) system.

▼Function Selection

If this function has been equipped, you can set the system assistance mode for lane departure by tapping "Vehicle Menu→Driver Assistance → Driving Assistance→Lane Departure Assist" on the centre display: Correction, Warning, Warning + Correction, Off.

If [Correction] is selected, the system momentarily provides steering assistance to help guide the vehicle back into its lane if it begins to drift out of the lane.

If [Warning] is selected, the system issues a lane departure warning when the vehicle departs from its lane.

In either of the two modes above, the LDWS status indicator on the centre display turns green.

If [Warning + Correction] is selected, the system issues a lane departure warning and momentarily provides steering assistance to help guide the vehicle back into its lane if it begins to drift out of the lane.

If [Disable] is selected, the LDWS status indicator on the centre display turns orange.

If an audible alert or steering wheel vibration alert is active, the status icon flashes.

▼Lane Departure Warning System (LDWS)

The Lane Departure Warning System (LDWS) is an advanced driver assistance system that warns the driver if the vehicle unintentionally drifts out of its lane, particularly at higher speeds. It uses a forward-facing camera mounted behind the windscreen to detect the lane markings ahead of the vehicle. When the vehicle crosses a lane marking, the system warns the driver by means of visual, audible or steering wheel vibration warnings.

⚠ WARNING

- LDWS is a driver assistance function and may not operate effectively in all driving situations. The driver must remain in control of the vehicle, drive with due care and attention, and take full responsibility for safe operation of the vehicle.
- When activated, the system issues warnings, or corrective intervention if fitted, only when detectable lane markings are present and meet applicable standards.
- The system may not operate properly in adverse weather conditions. Rain, snow, fog and high-contrast lighting conditions (for example, when entering or leaving a tunnel) may affect system performance.
- The system may not operate or may issue false warnings in the following conditions or on the following road sections:
    - Temporary lane markings, such as those used in roadworks;
    - Roads with standing water or surface cracks;
    - Lane markings are obscured by dust, snow or similar contaminants;
    - Obstructed sensors;

- Sharp bends or narrow roads.

- Do not carry out windscreen repairs near the sensor, which is located in the area of the rear-view mirror. Any cracks in this area may impair camera detection. If the windscreen is damaged, it must be replaced.

▼Operating the System

1. Select [Warning] mode for the LDWS on the centre display.
2. The vehicle speed is between 60 km/h and 150 km/h (40~90 mph).
3. Both lane markings are visible.
4. The vehicle is not negotiating a low-speed turn.
5. The lane is wide enough (vehicle width + 1 m (3.28 ft)< lane width < 4.5 m (14.76 ft)).
6. The vehicle is in a stable driving condition.
7. No obvious lane-change manoeuvre is made by the driver.
8. The vehicle is not changing lanes.

After the LDWS is switched on:

- When the vehicle speed is below 60 km/h (40 mph), the system remains in standby mode and the LDWS status indicator on the centre display is white.
- When the vehicle speed exceeds 60 km/h (40 mph), the system automatically becomes active and the LDWS status indicator on the centre display turns green.

If the system detects lane markings on both sides, both lane markings are displayed in white. If a lane marking is detected on only one side, only that side is displayed. If no lane markings are detected, both sides remain grey.

⚠ CAUTION

The driver is always fully responsible for controlling the vehicle safely:

- The system does not provide continuous warnings or continuous steering assistance. When the system issues a lane departure warning or provides steering assistance, the driver must immediately correct the vehicle's path to maintain safe control.
- Under certain conditions, such as rain, snow, fog, dust or poor visibility, lane departure warnings or steering assistance

may not be provided, or may be delayed. Do not rely on the system in these conditions.

- The steering assistance provided by the system may not prevent the vehicle from leaving the lane, for example on wet or slippery roads, on sharp bends, or at excessive speeds.

▼Warning Mode

The lane departure warning method can be selected on the centre display under "Vehicle Menu → Driver Assistance → Driving Assistance":

1. Audible warning;
2. Vibration alert;
3. Audible warning + Vibration alert.

The visual warning on the centre display operates as follows: When a lane departure warning is issued or steering assistance is provided, the lane markings appear in orange. For further details, refer to "Cruising & Traffic Support (CTS) → Centre Display Interface".

If a lane departure warning is issued, immediately correct the vehicle's direction.

▼Troubleshooting

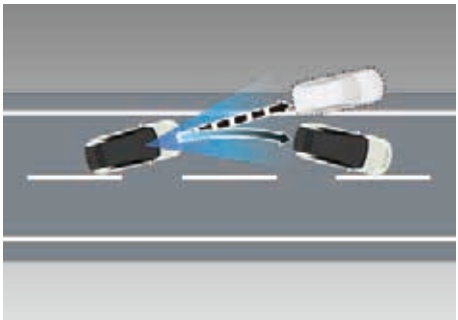
If the LDWS detects that the front camera is obstructed, or if a system malfunction, calibration error or related system failure occurs, the LDWS indicator on the centre display turns orange  and a corresponding message is displayed:

1. Front camera obstructed;
2. Lane assistance system malfunction;
3. Communication with the lane assistance system is abnormal.

If the warning does not clear after an extended period, and the problem remains after restarting the vehicle, have the vehicle inspected by a qualified repairer (we recommend an authorised Mazda repairer).

▼Lane Departure Warning System (LDWS)

When Lane Departure Prevention (LDP) is active and the vehicle unintentionally departs from its lane under the specified operating conditions, LDP applies steering assistance to help the driver keep the vehicle within the lane.



Warnings and Precautions When Using Lane Departure Warning System (LDWS)

⚠ WARNING

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

- LDP is not an autonomous driving system. Over-reliance on it may result in an accident.
- LDP has limitations. Do not rely solely on this system. Always steer the vehicle as necessary to remain within your lane.

Do not use the LDP system under the following conditions: Failure to follow these instructions may result in an accident.

- When driving on slippery roads, such as icy or snow-covered roads, or on unpaved surfaces.
- When using tyres of a size other than that specified, or when snow chains or a temporary spare tyre are fitted.
- When using tyres with severely worn tread.
- When the tyre pressures are not adjusted to the specified values.
- When the vehicle is towing a caravan or boat trailer.
- When driving on roads other than motorways with clearly visible white or yellow lane markings.

⚠ CAUTION

➢ Observe the following precautions to ensure proper operation of the LDP system.

  ➢ Do not modify the vehicle suspension.

  ➢ Always use wheels of the specified size on both the front and rear of the vehicle.

Using the Lane Departure Warning System (LDWS)

The LDP system assists steering when all of the following conditions are met.

- In the centre display, select “Correction” in the “Lane Departure Switch” settings.
- The vehicle speed is approximately 60 km/h (40 mph) or higher.

- The system detects white or yellow lane markings.
- The Cruising & Traffic Support (CTS) steering assist function is not operating.
- The system determines that the vehicle may depart from its lane.

When steering assistance is active, the driver is notified on the display.

In addition, if the driver does not hold the steering wheel while steering assistance is active, a warning buzzer sounds.

NOTE

If the system detects that the driver repeatedly removes both hands from the steering wheel while steering assistance is active, a warning buzzer sounds. The warning buzzer sounds for longer periods if steering assistance is activated repeatedly.

- The LDP system operates only on the side where white or yellow lane markings are detected.
- The LDP system may not operate normally under any of the following conditions.
    - The front sensing camera has difficulty detecting lane markings or other relevant objects.
    - White or yellow lane markings are difficult to see.

Temporary Cancellation of the LDP System

The LDP system is temporarily cancelled under any of the following conditions. Operation of the LDP system automatically resumes when the operating conditions are met again.

- The direction indicators are operated.
- The steering wheel is turned suddenly.
- The accelerator pedal is depressed suddenly.
- The brake pedal is depressed.
- TCS/DSC is operating.
- TCS/DSC is switched off.

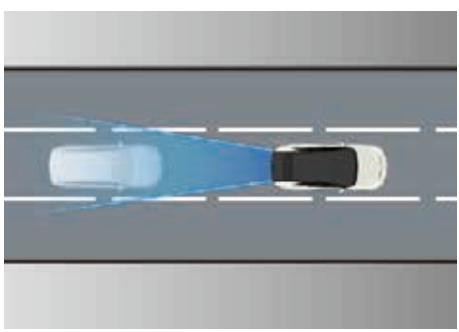
Rear Collision Warning (RCW)

▼Rear Collision Warning (RCW)

When the gear selector is in D and the system is operating, the Rear Collision Warning (RCW) system warns you by displaying a message on the centre display and sounding an audible alert if it detects a vehicle approaching rapidly from behind and determines that there is a risk of collision.

The Rear Collision Warning (RCW) function can be turned on or off via the centre display: Vehicle Menu → Driver Assistance → Safety Assistance.

Detection Zone



Operating Conditions

The Rear Collision Warning (RCW) system operates only when all of the following conditions are met:

1. The gear selector is in D;
2. The vehicle speed is between 0 and 150 km/h (0~90 mph);
3. The system is on;
4. The vehicle is on.

⚠ WARNING

Do not rely entirely on the Rear Collision Warning (RCW) system.

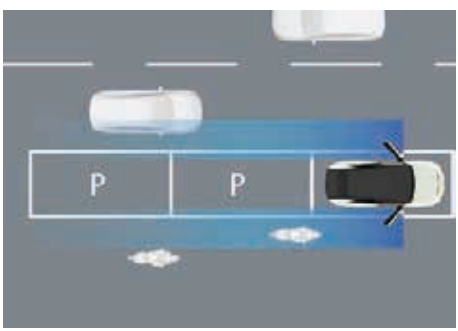
- The Rear Collision Warning (RCW) system has limitations and cannot prevent all collisions. Relying too heavily on this system may result in an accident.

Door Open Warning (DOW)

▼Door Open Warning (DOW)

The Door Open Warning (DOW) system helps protect occupants by detecting approaching vehicles when the vehicle is parked. If a potential collision risk is detected when a door is opened, the system provides three types of alert: the indicator on the relevant door mirror flashes, a warning message appears on the centre display, and an audible alert sounds (the audible alert can be turned off in the settings menu).

Detection Area



Operating Conditions

The DOW system operates only when all of the following conditions are met:

1. The vehicle is on and the doors are unlocked;
2. The doors remain unlocked for up to 5 minutes after the vehicle is switched off;
3. The DOW system is on and operating correctly;
4. The speed difference between the approaching vehicle and your vehicle is 2 km/h (1.243 mph) or more;
5. The system detects a potential collision risk from traffic approaching from the side or rear.

Troubleshooting

In the following situations, the centre display shows “Rear Assist Radar Fault”, and the warning indicator on the door mirror remains illuminated:

- The radar sensor has malfunctioned;
- Another related control unit has malfunctioned;
- The radar sensor has been damaged by an external force, such as an impact, or is installed outside its normal operating range.

In the following situation, the centre display shows “Rear Assist Radar Blocked”, and the warning indicator on the door mirror remains illuminated:

- The radar sensor is blocked by mud, ice, snow, modifications, accessories or stickers.

If the radar sensor is blocked, remove any accessories or stickers from the area around the sensor. If you have been driving on muddy roads for a long period, wash the inner and outer surfaces of the rear bumper where the radar sensor is located, and keep the sensor and the surrounding area clean at all times.

If the message remains displayed, have the vehicle inspected by a qualified repairer (we recommend an Authorised Mazda Repairer).

⚠ CAUTION

➢ Each time the vehicle is switched on, the warning indicator on the door mirror illuminates. If it turns off after 3 seconds, the system is operating normally.

⚠ WARNING

Do not rely entirely on the Door Open Warning (DOW) system.

- The Door Open Warning (DOW) system has limitations. Do not rely solely on this system, as doing so may result in an accident.

Emergency Lane Keeping (ELK)

▼System Overview

The Emergency Lane Keeping (ELK) system applies steering assistance when there is a risk of collision with a road edge barrier at medium to high speeds, when the vehicle departs from the edge of the road, or when there is a risk of collision with oncoming or rear-approaching traffic. It is designed to help avoid collisions or reduce collision damage by detecting lane markings, the road edge, and oncoming traffic using the Forward Sensing Camera (FSC) mounted behind the windscreen, and by detecting rear-approaching traffic using radar sensors mounted on both sides of the rear bumper. ELK consists of the following functions: 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 assistance function and may not operate in all driving conditions. The driver must maintain control of the vehicle, drive carefully, and take full responsibility for its operation.

The ELK function can operate only when it is enabled and the detected lane markings meet the applicable recognition conditions.

The system may not operate properly in adverse weather conditions. Rain, snow, fog, and high-contrast lighting conditions, such as when entering or leaving a tunnel, can affect system operation.

The system may not operate correctly, or may provide unnecessary steering assistance, under the following conditions or on the following roads:

- Temporary lane markings, such as those used in roadworks;
- Roads with standing water or surface cracks;
- Lane markings covered by dust, snow, or other material;
- Obstructed sensors;
- Sharp bends or narrow roads;
- When towing another vehicle.

⚠ WARNING

Do not rely completely on ELK.

- The ELK function has operational limitations. Do not rely completely on this system. Excessive reliance on it may result in an accident.

⚠ CAUTION

Do not repair the windscreen in the area around the sensor near the rear-view mirror. Any crack in this area may affect camera recognition. If the windscreen is damaged, replace the entire windscreen.

Even slight movement of a radar sensor may cause the system to malfunction. If a sensor or the surrounding area is subjected to an impact, have the vehicle inspected by an expert repairer. We recommend an Authorised Mazda Repairer.

▼Operation

The “Emergency Lane Keeping” function can be enabled or disabled via the centre display: Vehicle Menu→ Driver Assistance → Safety Assistance.

Once the Emergency Lane Keeping (ELK) function is enabled, the system enters standby mode when the vehicle speed exceeds the operating threshold for each function: ELK-LCS: 40 km/h (25 mph); ELK-re: 60 km/h (40 mph).

If the system detects lane markings on both sides and determines that there is a risk of collision with an oncoming vehicle or a road edge barrier as the vehicle departs from its lane, it

briefly applies steering assistance to help correct the vehicle path.

⚠ CAUTION

The driver remains fully responsible for maintaining control of the vehicle and ensuring safety at all times.

- The system does not provide continuous steering assistance. If the system provides steering assistance, the driver must immediately steer as necessary to maintain safe control of the vehicle.
- In certain conditions, such as rain, snow, fog, dust, or poor visibility, the system may not operate correctly or may operate unnecessarily. Do not rely on the system under these conditions.

▼Troubleshooting

If the forward sensing camera, the rear side radar sensors, or any related system malfunctions, the Emergency Lane Keeping (ELK) function becomes unavailable. The Emergency Lane Keeping (ELK) OFF indicator is displayed in amber on the centre display. Refer to the troubleshooting information for the Rear Warning Assistance System and the Lane Departure Warning System for further checks. If the problem persists, have the vehicle inspected by an expert repairer. We recommend an Authorised Mazda Repairer.

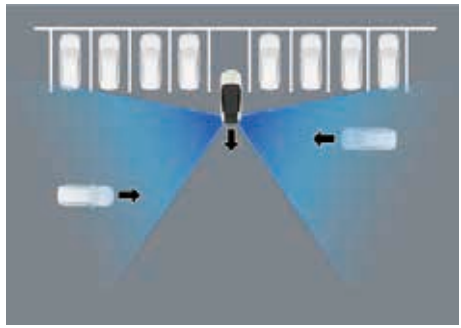
Rear Cross Traffic Alert (RCTA)

▼Rear Cross Traffic Alert (RCTA)

The Rear Cross Traffic Alert (RCTA) system is designed to detect vehicles approaching from either side when reversing out of a parking space, particularly in low-visibility conditions such as crowded car parks, at night, or in fog.

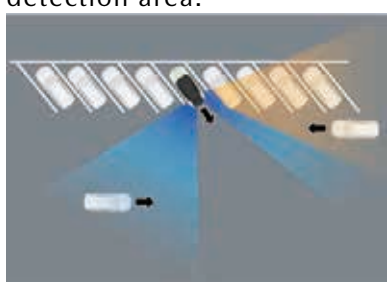
When the function is enabled and the vehicle is in Reverse (R), the system detects vehicles approaching from the left or right, provided that no fault is present in the left or right radar module. If a risk of collision is detected, the system alerts the driver by flashing the warning indicators in the door mirrors, sounding an audible warning, and displaying a flashing warning indication on the centre display.

Detection Zone

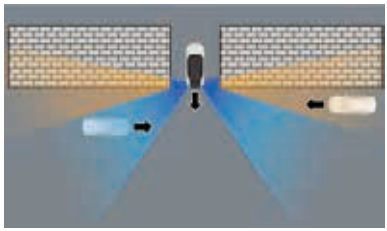


The Rear Cross Traffic Alert (RCTA) system may not provide a timely warning in all reversing situations. In some situations, if the detection area is obstructed by surrounding objects, the warning may not operate until the approaching vehicle is very close.

1. Nearby vehicles obstruct the detection area.



2. Walls, flower beds, or other objects obstruct the detection area.



⚠ WARNING

Do not rely solely on the RCTA system. It is designed to assist the driver in detecting vehicles when reversing, but it is not a substitute for careful observation of the surroundings.
Due to system limitations, the warning indication may not flash, or may be delayed, even if a vehicle is approaching. The driver is always responsible for checking the area behind the vehicle.

▼Operating the System

Set the "Rear Cross Traffic Assist" function on the "Vehicle Menu → Driver Assistance → Safety Assistance" screen of the centre display.

Rear Cross Traffic Braking (RCTB)

▼Rear Cross Traffic Braking (RCTB)

The Rear Cross Traffic Braking (RCTB) system uses radar sensors located on both sides of the rear bumper to detect approaching vehicles from either side while reversing.

The Rear Cross Traffic Braking (RCTB) system automatically applies the brakes if it detects a risk of collision with a vehicle crossing behind the vehicle while reversing. This may help to avoid a collision or reduce the severity of an impact.

If the driver's braking force is insufficient, the RCTB system may provide additional braking assistance.

If the driver does not react, the RCTB system may automatically apply the brakes to help avoid a collision or reduce its severity.

Please read this section carefully and familiarise yourself with its contents.

⚠ WARNING

The RCTB system can assist the driver only under certain

conditions. The driver remains responsible for safe operation of the vehicle at all times.

The RCTB system operates only when a target vehicle is crossing behind your vehicle while you are reversing. The system may not detect the following: vehicles moving in the same direction, stationary vehicles, pedestrians or animals, motorcycles or bicycles (due to limited radar reflection), and other small objects.

Due to technical limitations, the system may occasionally activate even when there is no actual risk of collision.

▼RCTB Function

The RCTB system uses the rear radar sensors shared with the Rear Warning Assistance system to detect vehicles approaching from either side behind the vehicle while reversing. The RCTB function is based on the Rear Cross Traffic Alert (RCTA) function within the Rear Warning Assistance system. Its detection range and limitations are the same as those of the Rear Cross Traffic Alert (RCTA) function. When the conditions for Rear Cross Traffic Alert (RCTA) are met and the system determines that a collision with a crossing vehicle behind the vehicle is likely during reversing, the RCTB function may automatically apply the brakes.

The function is activated only when all of the following conditions are met:

- the vehicle is in reverse gear (R);
- the vehicle speed is below 15 km/h (9 mph);
- a target vehicle is within the detection range of the RCTA function.

The detection limitations of the Rear Warning Assistance system also affect the performance of the RCTB system.

⚠ WARNING

- The RCTB system is primarily designed for reversing in car parks. Due to traffic conditions, road conditions, weather and other environmental factors, the system cannot guarantee accurate detection in all situations. In the following situations, including but not limited to those listed below, the RCTB system may not activate or its performance may be reduced. Do not rely excessively on the RCTB system, and do not intentionally test the system or wait for it to activate:
    - Adverse weather conditions, such as heavy rain, snow or hail, and

slippery road surfaces, such as icy, wet or waterlogged roads;

- Targets that appear suddenly after being obscured, targets at angles outside the function's detection range, or targets outside the radar detection range;
- Environments in which the radar may be subject to interference, such as areas with electromagnetic interference, underground car parks, tunnels, iron bridges, railway tracks, construction zones, or height or width restriction barriers;
- Changes in the radar installation position, for example after strong vibrations or minor impacts;
- when the sensors are obstructed by bird droppings, mud, ice or insects;
- Vehicle modifications, such as lowering the chassis or changing the rear license plate mounting bracket, may reduce the performance of the RCTB system or increase the likelihood of false activations.

▼Operating the System

Enable or disable the "Rear Cross Traffic Assist" function on the "Vehicle Menu →Driver Assistance → Safety Assistance" screen of the centre display.

⚠ WARNING

- The RCTB system operates in the background and may not be noticeable to the driver during normal use.
- If the system detects a crossing vehicle behind the vehicle while reversing, braking assistance is activated only when the collision risk exceeds a certain threshold.
- The RCTB system must be switched off in the following situations:
  - when the vehicle is being towed;
  - if the position of the rear radar sensors has changed, for example after a rear-end collision.

Traffic Sign Recognition (TSR)*

▼Function Overview

The Traffic Sign Recognition (TSR) system uses the same camera as the Lane Assist system to detect speed limit signs and display them on the centre display. It helps the driver to identify speed limit signs and provides audible and visual warnings when the vehicle speed exceeds the recognised limit.

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

⚠ CAUTION

TSR is a driver assistance function and may not operate correctly in all driving situations. The speed limit recognised by the system may differ from the speed limit shown by the navigation system. You must remain aware of the road ahead, drive with caution, and take full responsibility for maintaining a safe and legal speed at all times. The TSR system provides warnings and indications only. These do not replace the actual speed limits that apply in the current driving situation. The driver is always responsible for complying with the applicable speed limits.

▼Operation

The system is enabled by default after the vehicle is powered on. You can also turn the "Speed Limit Change Tone ", "Speed Limit Assistant (SLA) " and "Overspeed Warning" on or off from the centre display: "Vehicle Menu → Driver Assistance → Speed Limit Assistant". The "Overspeed Warning" can be assigned to the steering wheel custom switch for one-touch operation.

When the "Speed Limit Assistant" system is deactivated, a yellow "OFF" indicator is displayed on the screen. When only the "Overspeed Warning" is deactivated, a yellow "LIMITED" indicator is displayed on the screen.

After the vehicle passes a speed limit sign, the centre display continues to show the speed limit for a certain distance, such as 40 .

When the vehicle passes a speed limit cancellation sign and no national default speed limit applies, the centre display shows the cancellation indication without a speed value . If a cancellation sign and the speed limit sign for the next section are displayed together, the new speed limit is shown directly.

* Some models

If the Speed Limit Assistant system malfunctions or its performance is limited, a yellow fault indicator  is displayed in the centre display.

▼Functional Limitations

TSR performance may be affected by weather conditions, lighting conditions and the position of road signs. TSR performance may be limited in the following situations:

- Road signs that are tilted or damaged;
- Road signs located on bends;
- Road signs that are fully or partially obscured, or incorrectly positioned;
- Road signs obscured by ice, snow or heavy dust;
- Road signs outside the camera's field of view;
- Poor visibility, such as in rain, snow or fog;
- Insufficient lighting;
- Driving into bright light.
- Restricted areas in the map data.

⚠ CAUTION

Incorrect windscreen repairs may alter the camera position and affect TSR operation. Have the vehicle inspected by a qualified repairer. We recommend an Authorised Mazda Repairer.

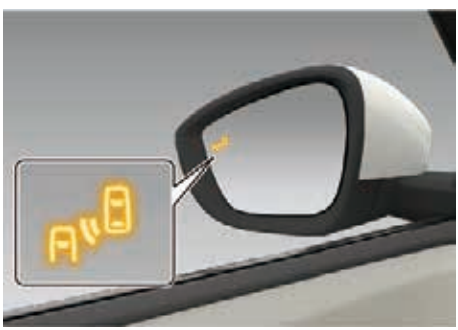
The TSR system can automatically update the map data in the background to help maintain the accuracy of speed limit information.

Lane Change Assist (LCA)

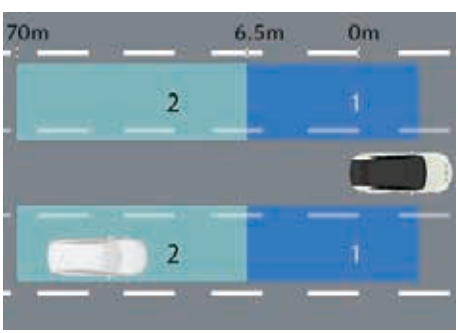
▼Lane Change Assist (LCA)

The Lane Change Assist (LCA) system includes the Blind Spot Monitoring (BSM) and Lane Change Collision Warning functions.

While driving, particularly when turning or changing lanes, the system detects potential hazards in the monitoring area and illuminates the warning indicator on the door mirror to alert the driver.



Detection Zones



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

A. Your vehicle;

B. Other vehicle.

Operation

The Lane Change Assist system can be turned on or off via the centre display: Vehicle Menu → Driver Assistance → Safety Assistance.

Alert type: Lights, Lights + Vibration, or Lights + Sound.

Warning timing: Early, Medium, or Late.

Operating Conditions

When the system is on and the vehicle speed exceeds 15 km/h (9 mph), the warning indicator illuminates if a vehicle is detected in the Blind Spot Monitoring Zone or if a vehicle is approaching rapidly in the Lane Change Collision Warning Zone. If the direction indicator lever is moved fully up or down to operate the corresponding direction indicator while a vehicle is detected, the warning indicator flashes and an audible warning sounds.

At low speeds (below 15 km/h (9 mph)), if the steering wheel is turned sharply in the same direction, or if the direction

indicator lever is moved fully up or down, the Blind Spot Monitoring function on that side issues a standard warning.

⚠ WARNING

Do not rely entirely on the LCA system.

- The LCA system has limitations. Do not rely completely on this system. Excessive reliance on it may result in an accident.

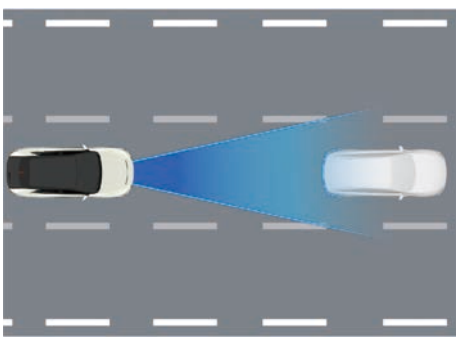
NOTE

- The LCA system may not operate correctly under the following conditions:
    - The rear side radar sensor may not detect some objects.
    - The road has a steep gradient.
    - The road is unusually wide.
    - When changing two or more lanes at once.
- The LCA system may operate when turning at junctions in built-up areas or when stationary objects, such as crash barriers, walls or parked vehicles, are on or near the road.
- If a genuine Mazda trailer hitch is used, the LCA system turns off automatically.
- If a non-genuine Mazda trailer hitch is used for towing, or if accessories such as a bicycle rack are fitted to the rear of the vehicle, turn off the LCA system. Otherwise, the radar waves may be affected, and the LCA system may not operate correctly.

Distance and Speed Alert (DSA)

▼Distance and Speed Alert (DSA)

When driving at high speed, if the distance to the vehicle ahead is insufficient, sudden actions such as braking by the vehicle ahead may lead to a collision if the driver reacts too late. The Distance and Speed Alert (DSA) monitors vehicle speed and the distance to the vehicle ahead. It alerts the driver when the following distance becomes unsafe and encourages the driver to maintain a safe distance.



▼Warnings and Precautions for the Distance and Speed Alert (DSA)

⚠ WARNING

Do not rely solely on the Distance and Speed Alert (DSA).

- The Distance and Speed Alert (DSA) may fail to detect the vehicle ahead depending on factors such as the type and condition of that vehicle, and the weather and road conditions. This system is not designed to maintain a safe distance from the vehicle ahead.
- Accidents may occur if the accelerator and brake pedals are not operated properly.
- Always monitor your surroundings and operate the brake and accelerator pedals as necessary, while maintaining a safe distance from vehicles ahead and behind.

▼Using the Distance and Speed Alert (DSA)

Operating conditions for the Distance and Speed Alert (DSA)

The Distance and Speed Alert (DSA) operates when all of the following conditions are met:

1. The gear selector is in the “D” (Drive) position;
2. The vehicle speed is between 0 and 150 km/h (0~90 mph);
3. The function is switched on.

NOTE

- The Distance and Speed Alert (DSA) is designed to detect four-wheeled vehicles, but it may also be activated by motorcycles or bicycles.
- The Distance and Speed Alert (DSA) does not operate when the vehicle is stationary.
- If the vehicle ahead is moving very slowly, the Distance and Speed Alert (DSA) may not function correctly.

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 condition in real time, detect signs of fatigue or distraction, and provide timely alerts.

Left-hand drive models



Right-hand drive models



①Driver Monitoring Camera

On the centre display, go to "Vehicle Menu → Driver-Assistance → Safety Assistance" to configure the DMS functions:

Fatigue Reminder and Distraction Reminder

Driver Fatigue Monitoring

While the vehicle is in motion, the system continuously monitors the driver's head position, eye closure, and yawning. If the system detects driver fatigue, it displays an icon and sounds an alert to remind the driver to stay alert and avoid driving while drowsy.

Driver Distraction Monitoring

While the vehicle is in motion, the system continuously monitors the driver's line of sight. When the system detects driver distraction, a message is displayed and an audible warning sounds: "Your line of sight is drifting. Please drive attentively. " This reminds the driver to remain alert to the road conditions.

NOTE

- The Driver Monitoring System (DMS) may also be affected by various factors. For safety, always remain focused while driving and stay aware of traffic, road conditions and the vehicle surroundings.

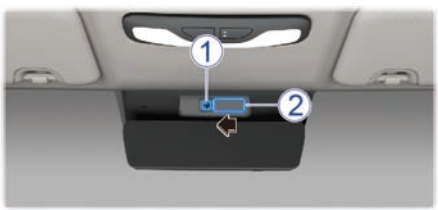
⚠ CAUTION

- Under certain conditions, the system may not provide accurate fatigue or distraction warnings, including but not limited to the following:
  - Low-light conditions, such as poorly lit underground car parks;
  - Bright light conditions, such as direct sunlight or headlamps shining directly on the driver;
  - The DMS camera is obstructed by hanging items, decorations or other objects inside the vehicle;
  - The driver is wearing sunglasses, tinted glasses, polarised lenses or other eyewear that significantly reduces light transmission, or frames that obscure the eye area;
  - The driver is wearing hats, scarves, head coverings, masks or other items that cover the face;
  - The driver's seat position has been adjusted excessively.

Occupancy Monitoring System (OMS)

▼Occupancy Monitoring System (OMS)

The Occupancy Monitoring System (OMS) uses a camera located behind the rear-view mirror to monitor occupant behaviour and status. It also supports features such as “Gesture Recognition” and provides relevant prompts and feedback.



①Cameras

②Camera Trim Cover

Slide the trim cover to the left to cover the camera.

Gesture Recognition

On the centre display, go to “Vehicle Menu → Smart Interaction → Vision”. When the Gesture Recognition function is enabled, a prompt appears if an unrecognised gesture is detected. Follow the on-screen instructions to complete gesture learning.

MRCC featuring Stop & Go

▼MRCC featuring Stop & Go

⚠ CAUTION

Driver assistance systems mainly rely on radar and cameras to monitor the vehicle’s surroundings in real time. To protect radio astronomy services operating in the same frequency band, vehicles equipped with radar must not enter the protected interference zone around relevant local radio observatories.

The MRCC featuring Stop & Go system detects the vehicle ahead using radar sensors installed behind the front bumper, allowing your vehicle to travel at the set speed. When the vehicle ahead is travelling below the set speed, the system automatically maintains a set distance from that vehicle and can stop and start in response to its movement.

Before using MRCC featuring Stop & Go, read this chapter carefully and make sure you understand its contents.

▼Warnings and Precautions for Using the System

⚠ WARNING

- Due to changing traffic, road and weather conditions, the radar may not detect objects accurately in all situations. Do not use MRCC featuring Stop & Go in adverse conditions. Drive with particular care.
- MRCC featuring Stop & Go is not a substitute for safe and attentive driving. You must remain in control of the vehicle at all times, drive carefully, observe speed limits and comply with all traffic laws and regulations.
- MRCC featuring Stop & Go operates only on vehicles travelling in the same direction in the same lane. It does not operate on vehicles approaching from the opposite direction, vehicles crossing from the side, stationary or slow-moving vehicles, pedestrians, animals or other roadside or road-surface objects (such as cones, barriers, guardrails or rocks).
- MRCC featuring Stop & Go is intended for use on motorways and other roads in good condition. Do not use it under the following road or environmental conditions, including but not limited to:
  - Areas with strong radar signal reflections, such as multi-storey car parks, tunnels, substations and steel bridges;
  - Urban roads, mountain roads, or entrance and exit slip roads;
  - Severe weather conditions, such as heavy fog, rain, snow or hail, or on slippery roads, steep gradients or sharp bends.

⚠ CAUTION

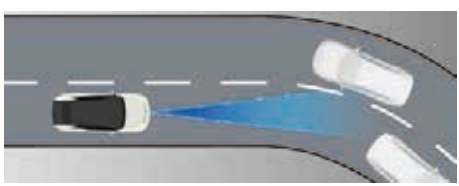
- ➢ It is normal for braking noises to be heard, or for the brake pedal to feel firm, when MRCC featuring Stop & Go is controlling vehicle deceleration. You can still brake by pressing the brake pedal.
- ➢ Towing another vehicle may reduce the performance of MRCC featuring Stop & Go.
- ➢ Structural modifications to the vehicle, such as lowering the suspension or altering the front number plate mounting, may reduce the performance of MRCC featuring Stop & Go or make the system inoperative.
- ➢ Non-structural modifications to the vehicle, such as wrapping

the vehicle, may affect or disable MRCC featuring Stop & Go.

In certain situations, including but not limited to those listed below, the radar used by MRCC featuring Stop & Go may not detect target vehicles accurately, or may detect them too late for the system to assist with speed and distance control. Take control of the vehicle and, if necessary, switch off MRCC featuring Stop & Go:

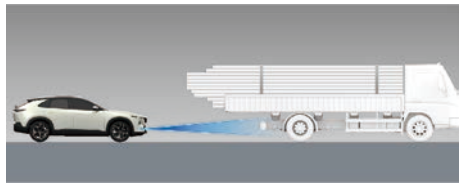
Driving through bends

When entering or leaving a bend, or when driving through a bend, the radar may fail to detect vehicles in your lane or may detect vehicles in adjacent lanes.



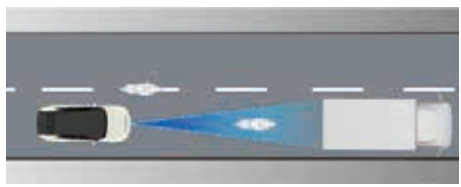
Vehicles with Special Loads Or Equipment

The radar may not detect loads or attachments on vehicles that extend beyond the sides, rear or roof of those vehicles.



Narrow vehicles ahead

The radar may not detect narrow vehicles, such as motorcycles or bicycles, or vehicles with an unclear profile.



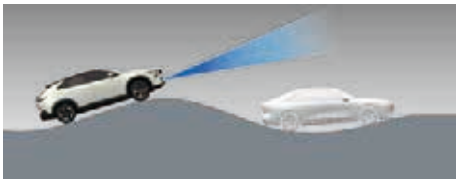
Other vehicles changing lanes

When a vehicle from an adjacent lane cuts into your lane, the radar may not detect it until it is fully within the detection range.



Gradients

When entering or leaving a gradient, the radar may fail to detect vehicles ahead.



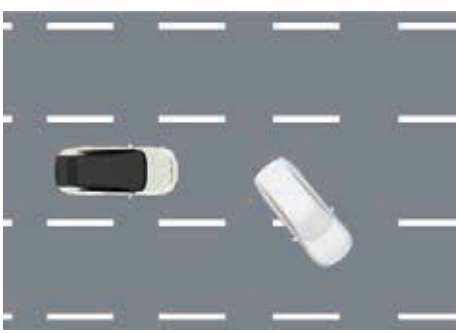
Stationary objects

The radar may not detect stationary or slow-moving vehicles ahead.



Large heading deviations

The radar may not detect vehicles that are travelling at a significant angle to your vehicle.



Other devices equipped with radar sensors

Interference may occur between millimetre-wave radars operating in the same frequency band, which may affect target detection.

Overturned or accident-damaged vehicles

If a vehicle ahead has been involved in an accident, has overturned or is severely deformed, the system may not detect it.



▼Introduction to Mazda Radar Cruise Control (MRCC) featuring Stop & Go

First, select “MRCC featuring Stop & Go” in "Driver Assistance → Driving Assistance → Smart Driving Preferences" on the centre display. MRCC featuring Stop & Go can be used only after it has been selected.

Activation: Push the electric column shift down once.

Deactivation: Push the electric column shift up to cancel.

Left-hand drive models



Right-hand drive models





: Adjust following distance.

: Resume MRCC featuring Stop & Go or increase the set speed.

: Set MRCC featuring Stop & Go or decrease the set speed.

⚠ CAUTION

The button layout varies depending on the vehicle model.

Centre Display Interface

①MRCC featuring Stop & Go status indicator:
- White: System on standby.
- Green: System active.
- Amber: System malfunction.
- Grey: System overridden.

②Set cruise speed.

③Your vehicle.

④Set following distance.

⑤Distance to the vehicle ahead.

⑥Vehicle ahead.

⚠ WARNING

- The distance to the vehicle ahead and information on vehicles in adjacent lanes shown on the centre display may differ from actual conditions. You must remain constantly aware of the vehicle' s surroundings and current road conditions, and adjust the cruise speed and following distance as necessary. Take control of the vehicle when

necessary to ensure that it can be stopped safely at all times. You are fully responsible for driving safely.

- Warning information on the centre display may not be easily noticed due to light interference (for example, display glare or the driver wearing sunglasses) or environmental noise (for example, an excessively loud in-vehicle entertainment system). The driver must pay constant attention to the vehicle's driving status and road conditions, take control of the vehicle promptly when necessary, and must not wait for a warning before responding.

▼Using MRCC featuring Stop & Go

When the cruise status indicator is white, the system is in standby mode. Use the cruise control function as follows:

Activating MRCC featuring Stop & Go

Each time the vehicle is powered on, MRCC featuring Stop & Go must be activated for the first time by pulling down the electric column shift. After that, during the same power cycle, it can be activated using the + or − buttons.

After MRCC featuring Stop & Go is activated, the cruise status indicator turns green.

In some situations, MRCC featuring Stop & Go cannot be activated, for example if the driver's seat belt is not fastened or the vehicle is not in D (Drive). Follow the prompts on the centre display.

Adjusting the Cruise Speed

After activating MRCC featuring Stop & Go, you can adjust the set speed using the + or − buttons. The set speed can be adjusted between 20 km/h and 160 km/h (12.427~99.419 mph).

1. Press the button briefly to increase or decrease the set speed in 1 km/h (0.621 mph) increments. Press and hold the button to increase or decrease the set speed in 10 km/h (6.214 mph) increments. The longer the button is held, the greater the change in set speed.

⚠ CAUTION

➢When MRCC featuring Stop & Go is in Active Acceleration by Driver mode, pressing the button − sets the current vehicle speed as the set speed.

⚠ WARNING

- Due to complex road conditions, such as consecutive bends or sharp corners, and the limitations of system detection, MRCC featuring Stop & Go cannot guarantee safe cornering. Set an appropriate speed according to the road conditions and do not exceed the speed limit.

Speed Limit Assistant

The system can automatically adjust the vehicle speed within a limited range in response to conditions such as recognised speed limits, bends, tunnels and average speed camera sections, to help improve driving safety.

Speed Limit Assistant can be switched on or off from the centre display: "Vehicle Menu → Driver Assistance → Driving Assistance → Speed Limit Assistant".

After this function is enabled, the system can set the recognised speed limit as the set speed, depending on the road speed limit conditions.

⚠ CAUTION

- Speed Limit Assistant cannot guarantee that the vehicle will always remain within the speed limit or ensure safe driving. For example, if a speed limit sign is too close to a speed camera, there may not be enough distance to reduce speed. You must continue to monitor road conditions and adjust the set speed as necessary.

Adjusting the Following Distance

After activating MRCC featuring Stop & Go, press the button  to adjust the following distance.

There are four following distance settings. The following distance increases from Level 1 to Level 4. Each time the vehicle is restarted, the following distance is set to the last selected value by default. The shorter the selected following distance, the less time the driver has to react.

During following control, the time gap between your vehicle and the vehicle ahead is shown in three colours: green (approximately consistent with the set value), yellow (shorter than the set value), and red (significantly shorter than the set value). If the indicator turns red, adjust the set speed or following distance promptly, and take control of the vehicle if necessary.

Deactivation

After MRCC featuring Stop & Go is activated, the system will return to standby mode if any of the

following occurs (including, but not limited to):

- The brake pedal is pressed while the vehicle is moving;
- The parking brake is applied;
- The vehicle rolls after stopping behind another vehicle;
- The electric column shift is pushed upwards;
- The driver's door is opened;
- The function is switched off;
- The transmission is shifted out of D (Drive);
- The driver's seat belt is unfastened;
- ABS or SBS is activated;
- The system remains in Active Acceleration by Driver mode for more than 15 minutes, or the vehicle speed exceeds 160 km/h (99.419 mph).
- MRCC featuring Stop & Go will not return to standby mode if the brake pedal is pressed after the system has brought the vehicle to a stop due to a related system fault.

⚠ CAUTION

➢ In any situation where you consider there to be a safety risk, cancel or switch off MRCC featuring Stop & Go immediately and take full control of the vehicle.

Resuming MRCC featuring Stop & Go

When MRCC featuring Stop & Go changes from active mode to standby mode:

Press the button + . MRCC featuring Stop & Go will reactivate and resume at the previously set speed.

Press the button − . MRCC featuring Stop & Go will reactivate and set the current vehicle speed as the cruise set speed.

⚠ CAUTION

➢ When MRCC featuring Stop & Go is resumed by pressing the button + , the set speed may differ significantly from the current vehicle speed. The driver must ensure that the set speed complies with the speed limit for the current road section, monitor changes in vehicle acceleration and deceleration, and adjust the set speed as required.

Driver Active Acceleration Mode

After MRCC featuring Stop & Go is activated, pressing the accelerator pedal causes the system to enter Driver Active Acceleration Mode (override

mode). After the accelerator pedal is released, MRCC featuring Stop & Go resumes control of the vehicle.

⚠ CAUTION

- When MRCC featuring Stop & Go is in Driver Active Acceleration Mode, the driver controls vehicle acceleration, and the system does not perform acceleration or deceleration control.

MRCC featuring Stop & Go

If the vehicle ahead gradually comes to a stop, MRCC featuring Stop & Go will bring your vehicle to a stop behind it. Afterwards, if the centre display does not show the message “Cruise parked, press button  to resume, pay attention to safety ahead”, the system will automatically follow the vehicle ahead when it starts to move.

If the centre display shows “Cruise parked, press button  to resume, pay attention to safety ahead”, press the button  or lightly depress the accelerator pedal to move off.

After MRCC featuring Stop & Go has brought the vehicle to a stop, if any of the following situations occur (including but not limited to the following), the electronic parking brake will be applied automatically and the system will switch off:

- The vehicle remains stopped for more than 3 minutes.
- The driver's door is opened.
- The driver's seat belt is unfastened;
- The DSC function is turned off.
- The selector is moved out of D (Drive).

Take-over Warning

MRCC featuring Stop & Go can apply up to approximately 40% of the vehicle's braking capacity.

If braking force is insufficient to maintain an appropriate distance from the vehicle ahead, the centre display will continuously display the warning “Please take over immediately”. In this case, immediately take control of the vehicle and take evasive action as necessary to help avoid a collision.

Troubleshooting

If MRCC featuring Stop & Go detects a fault or blockage affecting the front radar or front camera, or if a related system fault occurs, the cruise status indicator on the centre display turns orange and a corresponding message is displayed:

1. Front camera/radar blocked
   If the centre display shows "Front radar sensors/front camera blocked", clean the area of the bumper where the radar is installed or the area of the windscreen where the front camera is installed.
   If the message does not clear automatically for an extended period after cleaning, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
2. Limitations
   If any of the following faults occur and the warning does not clear automatically for an extended period, and the fault remains after restarting the vehicle, consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible for inspection and repair:
   - Function temporarily unavailable.
   - MRCC featuring Stop & Go system fault.
   - MRCC featuring Stop & Go system communication error.

In the following situations, consult an expert repairer (we recommend an Authorised Mazda Repairer) for professional radar calibration:

- The radar or front bumper has been removed or reinstalled.
- The radar or camera has been displaced or is not securely mounted because of an external impact.
- The vehicle has been involved in a collision.
- The performance of MRCC featuring Stop & Go has deteriorated (for example, the distance to detected targets is abnormally short or vehicles in adjacent lanes are identified incorrectly more often than usual).
- The Smart Brake Support (SBS) system malfunctions (for example, frequent false warnings or unintended braking).

⚠ CAUTION

Improper maintenance of the front end of the vehicle may alter the position of the radar and affect the operation of MRCC featuring Stop & Go. Therefore, repairs must be carried out by an expert repairer (we recommend an Authorised Mazda Repairer).

Cruising & Traffic Support (CTS)

▼Cruising & Traffic Support (CTS) System Overview

Cruising & Traffic Support (CTS) uses the radar of the MRCC featuring Stop & Go system and the camera of the Lane Departure Warning System to detect vehicles ahead and lane markings. By controlling vehicle speed, the system maintains the set cruising speed or a preset following distance from the vehicle ahead, and also provides steering assistance to help keep the vehicle within the lane.

Before using Cruising & Traffic Support (CTS), carefully read this entire section to understand the correct operation, limitations and requirements of the system. The driver is always responsible for control of the vehicle.

In the following situations, the driver must promptly identify any hazards and cancel Cruising & Traffic Support (CTS) by pressing the brake pedal, moving the electric column shift upwards, or taking control of the steering wheel to ensure safe driving:

1. The vehicle does not maintain a safe distance from the vehicle ahead or from vehicles in adjacent lanes;
2. Steering assistance is insufficient to negotiate a bend safely;
3. The vehicle is being driven in conditions in which the functionality of Cruising & Traffic Support (CTS) is limited.

⚠ WARNING

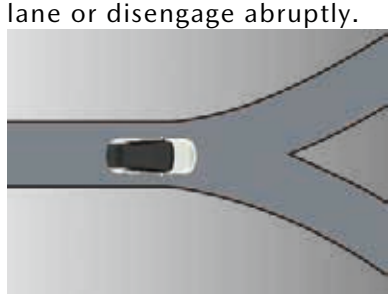
- When using Cruising & Traffic Support (CTS), the driver must keep both hands on the steering wheel and continuously monitor the road ahead and the surrounding traffic conditions.
- Even when using Cruising & Traffic Support (CTS), the driver remains fully responsible for controlling the vehicle safely and legally, and for maintaining an appropriate speed and distance.
- Improper use of Cruising & Traffic Support (CTS) could result in a collision with surrounding objects or vehicles, or in other traffic accidents.
- Cruising & Traffic Support (CTS) is a driver-assistance system that provides limited braking and steering assistance. The system cannot prevent all

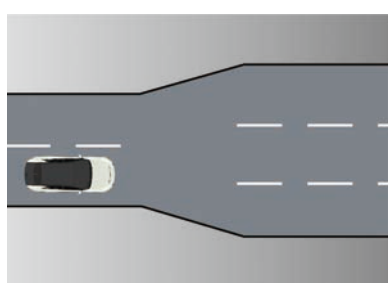
collisions and may not provide the expected level of steering assistance in all weather, road or traffic conditions. The driver must remain alert and take control of the vehicle promptly, rather than waiting for the system to issue a warning before taking evasive action or other emergency measures.

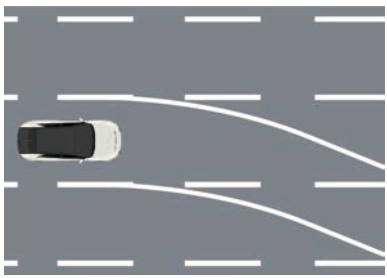
- Cruising & Traffic Support (CTS) is intended for use on motorways or on roads in good condition. Do not use Cruising & Traffic Support (CTS) under the following road or environmental conditions, as the system may not operate as expected, may disengage abruptly, or may result in a collision with undetected obstacles:
    - Adverse weather or poor visibility (for example, rain, snow, fog, dust, low light, glare, bright sunlight, when entering or leaving tunnels, or on tree-shaded roads).
    - Rough or slippery roads (for example, mountain roads, roads with sharp bends, uneven surfaces, or roads with standing water, snow, ice, oil or dust).
    - Complex road conditions (for example, heavy traffic, junctions, strong crosswinds, roadworks, slip roads or toll plazas).

Under the following conditions, the radar and camera used by Cruising & Traffic Support (CTS) may not accurately detect lane markings, the vehicle ahead or other objects, which may prevent the system from helping to maintain the intended path or adjust speed and following distance. Take control of the vehicle and, if necessary, switch off Cruising & Traffic Support (CTS).

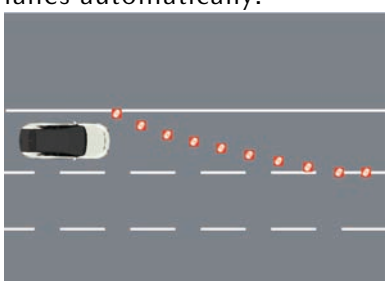
1. When the driving path is unclear, such as at a junction or where the number of lanes changes, the system may not be able to determine the correct lane and could select the wrong lane or disengage abruptly.

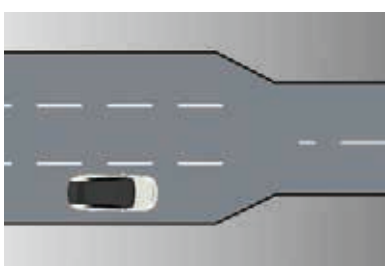






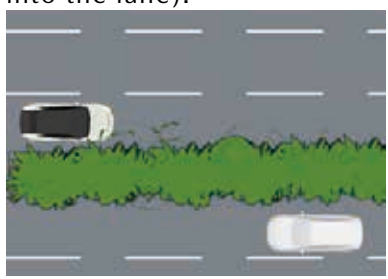
2. Road blocked ahead
   If the road ahead is blocked by roadworks or a disabled vehicle, and the route ahead is not clearly marked by lane markings or is impassable, the system cannot recognise the situation and change lanes automatically.





3. Lane space obstructed

The system may not detect objects that intrude into the lane and are raised above the road surface, which may create a risk of collision (for example, plants from the central reservation extending into the lane).



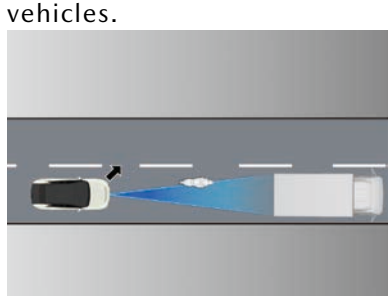
The system may also fail to detect stationary or slow-moving vehicles ahead, or vehicles with indistinct outlines, especially if your vehicle is travelling at high speed or approaching the vehicle ahead at an angle, creating a risk of collision.



4. Non-standard lane markings
   When lane markings are unclear (for example, worn, missing, reflective, subject to

changing brightness, or obscured by shadows from trees or the central reservation), or when they are difficult to interpret (for example, at junctions, on diverging or merging lanes, or on slip roads with multiple markings), the system may not determine the correct path, which could result in unintended steering input or abrupt system disengagement.

5. Uneven road surface
When the wheels pass over potholes, stones or other road-surface irregularities, the vehicle's direction may change suddenly, which could cause the vehicle to drift out of the lane. The system may disengage temporarily if it cannot detect the lane markings because of vehicle movement or vibration.
6. The system may mistakenly identify road edges (especially in tunnels), tyre marks, road-surface cracks, snow or other line-like features as lane markings, causing the vehicle to drift away from the centre of the lane or change direction temporarily.
7. When entering a bend, driving through consecutive bends, negotiating sharp turns, driving on slippery roads, or travelling at excessive speed, the system may not help keep the vehicle within the lane and may disengage abruptly.
8. Congested or merging roads
The system may fail to respond to vehicles cutting in at close range, particularly in following mode during heavy traffic, which may create a risk of collision.
In following mode, if the target vehicle changes lanes, your vehicle may follow it, which could result in a collision with vehicles in adjacent lanes.
In following mode, the system may respond to a target vehicle close to the edge of the lane, causing your vehicle to steer towards one side of the lane and increasing the risk of collision with adjacent vehicles.



9. A strong magnetic field may interfere with the operation of the Electric Power Steering (EPS) system. Do not place objects with strong magnetic properties near the EPS system. If the vehicle is exposed to a strong magnetic field for an extended period (for example, near power stations or other areas with high electromagnetic radiation), monitor the performance of the EPS steering assistance. If any abnormality is detected, do not use Cruising & Traffic Support (CTS), and have the vehicle inspected as soon as possible by an expert repairer (we recommend an Authorised Mazda Repairer).
10. Do not use Cruising & Traffic Support (CTS) when towing another vehicle. Do not use Cruising & Traffic Support (CTS) in any situation that may impair the operation or performance of the adaptive cruise control system or the Lane Departure Warning System camera.

⚠ WARNING

- Do not repair the windscreen in the area around the sensor near the rear-view mirror. Any crack in this area may affect camera recognition. If the windscreen is damaged, replace the entire windscreen.
- Do not place reflective objects on the centre console when using Cruising & Traffic Support (CTS), as reflections may interfere with the detection capability of the forward-facing camera and affect CTS performance.

▼Cruising & Traffic Support (CTS)

Cruising & Traffic Support (CTS) can be used only after "Cruising & Traffic Support (CTS)" is selected in "Driver Assistance → Driving Assistance → Smart Driving Preferences".

To activate Cruising & Traffic Support (CTS): Pull the electric column shift down once.

To deactivate Cruising & Traffic Support (CTS): Push the electric column shift upwards to deactivate the system.

Left-hand drive models



Right-hand drive models





Adjust the following distance.

: Increase the set speed.

: Decrease the set speed.

WARNING

- The distance to the vehicle ahead, the status of vehicles in adjacent lanes, and the lane marking information shown on the centre display may differ from the actual conditions. You must continuously monitor the vehicle and road conditions, adjust the set speed and following distance appropriately, take control of the vehicle when necessary, ensure that the vehicle can be stopped safely at any time, and remain fully responsible for safe driving.
- Due to interference from light, such as centre display glare or the driver wearing sunglasses, and from environmental noise, such as an excessively loud in-vehicle entertainment system, warnings shown on the centre display may not be noticed easily. The driver must pay constant attention to the vehicle's driving status and road conditions, take control of the vehicle promptly when necessary, and must not wait for a warning before responding.

▼Using Cruising & Traffic Support (CTS)

The operating speed range of CTS is 0 km/h to 160 km/h (0~99.419 mph).

1. Single-Lane Intelligent Driving Assistance
   CTS prioritises steering assistance based on clearly recognised lane markings on both sides of the lane. When CTS is in lane-line control mode, the CTS icon on the centre display is shown in green, the lane markings are shown in blue, and the vehicle ahead (if recognised) is shown in white.
2. Traffic Jam Assist
   When the vehicle speed is below 60 km/h (40 mph) and lane markings are not recognised, the system can follow a recognised vehicle ahead. In this case, CTS operates in follow-control mode, and the CTS icon on the centre display is shown in green.

⚠ WARNING

- Traffic Jam Assist is only available when vehicles are travelling in an orderly queue. Do not use CTS when entering or exiting toll booths, or on roads with irregular traffic flow, unpredictable congestion, or tight bends.
- If the vehicle ahead turns too sharply or too quickly, Cruising & Traffic Support (CTS) may not be able to assist the vehicle in following the turn. The system may lock on to a new target vehicle, or revert to MRCC featuring Stop & Go and accelerate to the set cruise speed. The driver must continuously monitor the system status and, if necessary, switch off Cruising & Traffic Support (CTS) and take control of the vehicle.

Enabling CTS

Conditions for Enabling CTS

- The vehicle is powered on.

Once the conditions for enabling CTS are met, you can enable Cruising & Traffic Support (CTS) on the centre display by going to Vehicle Menu → Driver Assistance → Driving Assistance → Smart Driving Preferences.

Activating CTS

After CTS has been enabled, the CTS status indicator on the centre display turns white when the activation conditions are met. At this point, push the electric column shift down once to activate CTS. The system then

assists with acceleration, deceleration and steering.

When CTS is activated, the CTS status indicator on the centre display is shown in green. The driver can then set the cruise speed and following distance in the same way as for MRCC featuring Stop & Go.

In some situations, CTS cannot be activated, for example when the wipers are operating at high speed or lane markings are unclear. Follow the prompts on the centre display.

⚠ CAUTION

- Each time CTS is activated, the cruise speed is reset to the current vehicle speed, with a minimum setting of 20 km/h (12.427 mph) and a maximum setting of 160 km/h (99.419 mph).
- When CTS is activated, MRCC featuring Stop & Go is activated at the same time, and the vehicle's acceleration and deceleration control logic is the same as that used when MRCC featuring Stop & Go operates alone. When MRCC featuring Stop & Go enters Driver Active Speed Mode, acceleration and braking are controlled by the driver, but CTS continues to provide steering assistance.
- When CTS is operating, a rapid press of the accelerator pedal causes the vehicle speed to increase immediately, which may affect the stability of CTS steering assistance. The driver must always monitor the vehicle's driving condition and take control in good time.
- When the vehicle speed is below 60 km/h (40 mph), if the recognition results of lane line do not meet the conditions for continuous CTS operation, the system will not trigger any driver takeover reminders (including visual and audible warnings). The driver must pay close attention to the indicator of CTS function status on the centre display at all times, confirm whether the system is active, and be ready to take over the vehicle at any time to avoid accidents due to negligence.

Adjusting the Cruise Speed

When CTS is activated, the cruise speed can be set in the same way as for MRCC featuring Stop & Go. See “Adjusting the Cruise Speed”.

Adjusting the Following Distance

When CTS is activated, the following distance can be adjusted in the same way as for MRCC

featuring Stop & Go. See "Adjusting the Following Distance".

Deactivation

1. Manual Deactivation
   CTS may not function correctly in all weather and road conditions. The driver must deactivate CTS when necessary to ensure safe driving. Manual deactivation methods:
   - Deactivate CTS by pulling the electric column shift upwards or by pressing the brake pedal.
   - After CTS has been manually deactivated, push the electric column shift downwards again to reactivate the system.

2. Automatic Deactivation
   CTS operates in conjunction with other vehicle systems. If those systems do not meet their operating conditions, CTS will automatically deactivate. CTS will automatically deactivate in the following situations:
   - The camera is obstructed.
   - Other related systems have failed or are unavailable;
   - The lane assistance system has malfunctioned;
   - The driver's hands are off the steering wheel;
   - The vehicle speed exceeds the maximum allowable limit;
   - Other conditions that cause MRCC featuring Stop & Go to deactivate.

   After CTS has been automatically deactivated, push the electric column shift downwards once to reactivate the system.

   ⚠ CAUTION

   ➢If CTS is deactivated due to a malfunction, restart the vehicle after the fault has been rectified. Switch the vehicle off for approximately 20 seconds before restarting to use CTS again.

3. Temporary Deactivation
   Due to system limitations, CTS may be temporarily deactivated in certain situations, for example if one or both lane markings are no longer detected, or if the driver actively turns the steering wheel.
   When CTS is temporarily deactivated, only the

steering assistance function is cancelled. The system will continue to assist with acceleration and deceleration. Steering assistance can resume automatically when the condition causing the temporary deactivation no longer exists. If the temporary deactivation exceeds the permitted time limit, CTS will fully deactivate. Push the electric column shift downwards again to reactivate the system.

⚠ CAUTION

- The driver must always monitor the system status, recognise promptly when CTS has been deactivated, and take control of the vehicle as required.

Take-over Warning

In lane centring mode, if CTS is unable to keep the vehicle centred in the lane due to excessive speed, a slippery road surface or other factors, the system will issue a take-over request when the vehicle is about to leave the lane. Take control of the vehicle immediately.

Driver Incapacitation Response System

CTS is a driver assistance system. When CTS is in use, the system monitors the driver's status. If the driver is not in a condition to drive safely, the centre display will issue escalating warnings with visual, audible and text prompts.

If the driver does not take over the vehicle in response to the warnings, CTS will control the vehicle, switch on the hazard warning lamps, and then disengage.

Quick Switching between CTS and MRCC featuring Stop & Go

You can switch between MRCC featuring Stop & Go and CTS on the centre display by selecting Vehicle Menu → Driver Assistance → Driving Assistance → Smart Driving Preferences. When CTS is active, push the stalk down once to switch to MRCC. Push the stalk down again to switch from MRCC featuring Stop & Go back to CTS. If CTS is selected in Smart Driving Preferences and the function remains enabled, you can switch between CTS and MRCC featuring Stop & Go by pushing the stalk down once.

▼Cruising & Traffic Support (CTS) Sound Alert

To enable or disable the CTS sound alert, follow the steps below.

On the centre display, tap "Vehicle Menu → Driver Assistance → Driving Assistance → Intelligent Adaptive Cruise Control" in sequence, and touch the slider to the left of the Chime text to turn the chime on/off.

▼Human–Machine Shared Driving

When CTS is active and the driver actively turns the steering wheel, the system automatically switches to Human–Machine Shared Driving mode. In this mode:

1. The system no longer provides active steering assistance, and directional control is managed solely by the driver. The system will maintain active control of the vehicle's longitudinal dynamics (acceleration and deceleration) to ensure smooth operation.
2. When the driver stops actively steering, the system automatically exits Human–Machine Shared Driving mode and resumes active steering assistance.

Tyre Pressure Monitoring System (TPMS)

▼Tyre Pressure Monitoring System (TPMS)

The Tyre Pressure Monitoring System (TPMS) monitors the pressure of all four tyres while driving.

The TPMS alerts you if the tyre pressure is abnormal.

Tyre pressure information is displayed on the centre display, allowing you to check the current tyre pressures while the vehicle is in motion.

If the tyre pressure is abnormal, the tyre pressure warning indicator illuminates.

If the warning is caused solely by low tyre pressure, the indicator will go out automatically after a few minutes of driving, provided the tyre pressure has been adjusted to the recommended cold tyre pressure.

The TPMS functions only when the correct sensors are fitted to all tyres.

Tyre pressure information can be viewed on the “Vehicle Menu → Energy → Journey” screen on the centre display.

Adjust the tyre pressure to the recommended cold tyre pressure for optimum vehicle performance.

Check and adjust the tyre pressure monthly when the tyres are cold.

Tyres are considered cold when the vehicle has been parked out of direct sunlight for at least three hours or has been driven no more than 1.6 km (0.994 mi).

When checking tyre pressure with the tyres cold, the pressure gauge reading may differ from the TPMS reading. Use an accurate tyre pressure gauge to set the tyre pressure to the recommended cold tyre pressure.

The TPMS may not alert you immediately to a rapid or complete loss of tyre pressure, for example if a tyre is punctured by a foreign object.

Brake carefully and bring the vehicle to a safe stop, avoiding sudden steering or swerving.

After the tyres have been inflated, the tyre pressure display will update after the vehicle has been driven for a short distance.

Under certain conditions, the TPMS may be affected by radio interference, which may cause the tyre pressure warning indicator to illuminate unexpectedly. This may occur when driving near power

lines or radio transmitters, such as at airfields or near transmission towers, or when using radio-transmitting devices inside the vehicle.

▼Tyre Pressure Monitoring System Warning Message

NOTE

Tyre pressure is calibrated when the tyres are warm, so the tyre pressure warning light may come on when the ambient temperature drops, and vice versa. This is caused by changes in tyre pressure due to temperature variations and does not indicate a fault in the system.

When driving in areas with significant temperature changes, check the pressure of all four tyres, adjust them to the specified pressure and reset the tyre pressure monitoring system if necessary.

Reset the tyre pressure monitoring system only after adjusting all four tyres to the specified cold tyre pressure. The system will then complete the relearning process during vehicle operation.

Reset the tyre pressure monitoring system in the following situations:

1. After adjusting the inflation pressure of one or more tyres.
2. After removing or replacing any tyre or wheel.
3. After tyre rotation it is recommended that the tyre pressures be checked and the system relearned.

Replacing the wheels with ones other than those specified by Mazda may affect the correct operation of the tyre pressure monitoring system.

360° View Monitor

▼360° View Monitor

The 360° View Monitor is an advanced parking assistance system that uses real-time images from four cameras located at the front, rear, left and right of the vehicle. These images are then combined to generate a 360° overhead view, which is displayed on the centre display. This system minimises blind spots and improves manoeuvrability, especially when parking or driving through narrow spaces.

⚠ WARNING

- The 360° View Monitor may distort the outlines of objects. Do not rely solely on the screen to judge the distance between your vehicle and obstacles such as other vehicles or pedestrians. Always assess the actual surroundings to ensure safety.
- Due to the resolution limits of the system, some objects, such as thin poles, grilles and trees, may not be displayed clearly or may not appear at all.
- The front and rear views of the 360° View Monitor still contain blind spots. Always observe your surroundings. The 360° View Monitor displays two-dimensional images only. Because the display lacks depth information, it may be difficult or impossible to identify raised or recessed road surfaces using the 360° View Monitor.

⚠ CAUTION

- Always be aware of your surroundings. The parking space should be at least as wide as the vehicle's outer guide lines. Use the 360° View Monitor only when the tailgate is fully closed, the door mirrors are fully extended and the front doors are closed properly. The cameras are mounted on the outside of the vehicle and can easily become covered with dirt. If the image is unclear, wipe the camera lens gently with a soft cloth.
- The 360° View Monitor may not function properly, or its performance may be limited, in the following situations:
  - One or more doors are open.

- The door mirrors are folded.
- The tailgate is not closed.
- Heavy rain, snow or fog;
- At night or in very dark locations;
- The cameras are exposed to strong light;
- The area is illuminated by fluorescent or LED lighting (the centre display may flicker);
- Driving into a heated garage in winter, causing a rapid temperature change;
- The electric tow hook is open or connected.

- If any part of the vehicle where a camera is installed is damaged, have the camera position and calibration checked as soon as possible by a qualified repairer (we recommend an Authorised Mazda Repairer).

Entering Panoramic View

Operating requirements: The vehicle must be powered on and travelling at less than 15 km/h (9 mph).

Tap "360 Panorama" in the App Centre. The centre display will automatically switch to the 360° View Monitor.

Press the panoramic view button on the steering wheel, and the centre display will automatically switch to the 360° View Monitor.

After activating the voice control system and saying "Open 360° View Monitor", the centre display will automatically switch to the 360° View Monitor.

The system is activated automatically when the vehicle is shifted into R (Reverse).

When the Turn Signal Triggered 360° View Monitor function is enabled and the vehicle speed is less than 15 km/h (9 mph), operating the direction indicator will cause the centre display to switch automatically to the corresponding 360° View Monitor view.

When the Hill View Assist function is enabled and the vehicle speed is less than 27 km/h (16.777 mph), the centre display will automatically switch to the 360° View Monitor when the vehicle is travelling uphill on a slope of approximately 9° or more.

When the Ultrasonic Sensors Triggered 360° View Monitor function is enabled, and the vehicle is not in P (Park) or R (Reverse) and is travelling at less than 15 km/h (9 mph), the centre display will switch automatically to the corresponding 360° View Monitor view when the ultrasonic sensors detect an obstacle within the preset distance.

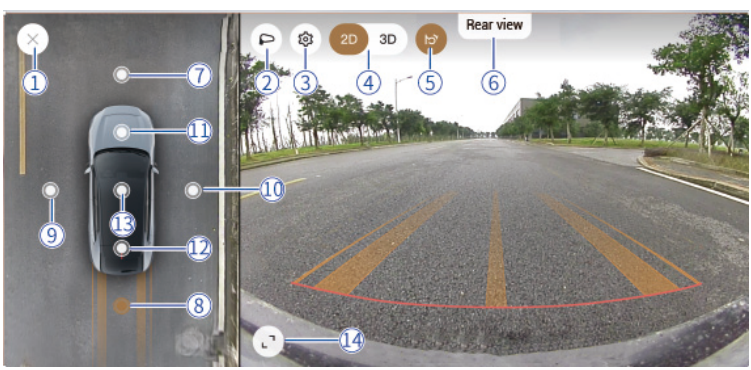
Exiting the Panoramic View

If the 360° View Monitor is entered using the button and Full-speed 360° View Monitor is not enabled, it will automatically exit when the vehicle speed exceeds 30 km/h (18.641 mph). When the vehicle is not in R (Reverse), tap the close button on the panoramic view interface to close the 360° View Monitor and return to the previous screen.

For the 360° View Monitor triggered by the direction indicators or ultrasonic sensors, the system will automatically exit 5 seconds after the trigger conditions are no longer met.

360° View Monitor

Left-hand drive models



①Exiting the Panoramic View

②Fold the door mirrors;

③360° View Monitor settings;
④Switch between 2D and 3D views;
⑤Fold/unfold the rear tow hook;
⑥Current view;
⑦Switch to the front view;
⑧Switch to the rear view;
⑨Switch to the left view;
⑩Switch to the right view;
⑪Switch to the front wheel view;
⑫Switch to the rear wheel view;
⑬Switch to the front and rear wheel views;
⑭Full-screen display.

Right-hand drive models



①Exiting the Panoramic View
②Fold the door mirrors;
③360° View Monitor settings;
④Switch between 2D and 3D views;
⑤Current view;
⑥Switch to the front view;
⑦Switch to the rear view;

⑧Switch to the left view;

⑨Switch to the right view;

⑩Switch to the front wheel view;

⑪Switch to the rear wheel view;

⑫Switch to the front and rear wheel views;

⑬Full-screen display.

View Switching

Switching between Panorama and Front/Rear/Front-Left/Front-Right Views
In the 360° View Monitor, tap the front, rear, left, or right area to switch to the corresponding panorama + front, rear, front-left, front-right, front-left + front-right, or rear-left + rear-right view.

When shifting from R (Reverse) to any other gear, the view will automatically switch to panorama + front view.

Switching between Wheel Views
In panorama + single view mode, tap the white circular icon on the vehicle model to switch between panorama + front left/right view and panorama + rear left/right view.

Switching between Front/Rear Wide-Angle View
In panorama + front/rear view, tap the single-view area to switch to the enlarged single view for the corresponding direction. The enlarged overhead view provides a wider viewing angle. Tap the enlarged single view again to switch back to the corresponding panorama + single view.

Parking Guide Lines
In panorama + front/rear view, guide lines are displayed in both the 360° View Monitor and the single view.

- Warning lines: Approximately 20 cm (7.874 in) lateral extension from the vehicle's tyres.
- Wheel trajectory lines: Indicate the movement trajectory of the vehicle’s tyres.

- Safety lines: Approximately 50 cm (19.685 in) from the vehicle body.

When the steering wheel is turned, the dynamic guide lines will rotate accordingly. These guide lines indicate the estimated path of the vehicle. When the steering wheel is centred, the dynamic guide lines are hidden.

Switching to 3D View

Tap the 3D view button to switch to 3D view. Tap the 3D controls around the vehicle model, or slide the model, to switch to the corresponding 3D view angle.

Settings

In panoramic mode or single-view mode, tap the settings button on the left-hand side of the display to configure the following functions:

Left-hand drive models



Right-hand drive models



①Guide Lines: When enabled, parking guide lines are displayed.

②Ultrasonic Sensors: When enabled, the system emits an ultrasonic sensor alert tone.

③Direction Indicators Trigger the 360° View Monitor: When enabled, the 360° View Monitor is activated when the turn indicators are operated at speeds below 15 km/h (9 mph).

④Ultrasonic Sensors: When enabled, the 360° View Monitor is activated when the radar sensors detect obstacles within the set distance.

⑤Hill View Assist: When enabled, the system automatically activates the 360° View Monitor when the vehicle is on a slope of approximately 9° or more, helping the driver to observe the front blind spots.

⑥Transparent Vehicle: When enabled, the transparency of the vehicle body can be adjusted using the slider, from 10% to 100%.

360° View Monitor

When the 360° View Monitor switch is on, the panoramic display can be opened by voice control, from the application page, or by using the steering wheel controls, at any vehicle speed. If the 360° View Monitor is off, the panoramic image cannot be activated when the vehicle speed exceeds 30 km/h. If the panoramic image is already displayed when the vehicle speed exceeds 30 km/h (18.641 mph), it will automatically close.

Transparent Vehicle

The system records and displays the ground surface beneath the vehicle by storing images of areas previously driven over. When the vehicle is driven over an area that has previously been recorded, the system displays the recorded ground surface beneath the vehicle. While the vehicle is moving, the underbody surface view is continuously updated according to the vehicle speed. If the vehicle comes to a standstill, the saved ground view remains displayed until the 360° View Monitor is exited.

Trailer Mode

- When Trailer Mode is activated, the panoramic view displays the projected path of the tow bar.
- When a trailer is connected and reverse gear is engaged, the main view displays the left-hand and right-hand rear side views, and the rear radar alert is disabled.

5 Interior Features

Use the various comfort features, including the climate control system and audio system, to enhance ride comfort.

Fully Automatic Climate Control System..... 5-2

Fully Automatic Climate Control System..... 5-2

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Fully Automatic Climate Control System

▼Fully Automatic Climate Control System

The fully automatic climate control system can be operated via the centre display or using voice control. It maintains a comfortable cabin temperature and supplies fresh, filtered air under different driving conditions.

To activate: open the climate control screen on the centre display, or use voice recognition (for specific voice commands, please refer to the Voice Recognition section in Connected Service Owner's Manual).

NOTE

- Set the temperature to the recommended 22 °C (71.6 °F), then adjust it as required.
- Selecting the maximum heating or cooling setting will not achieve the target temperature more quickly.

⚠ CAUTION

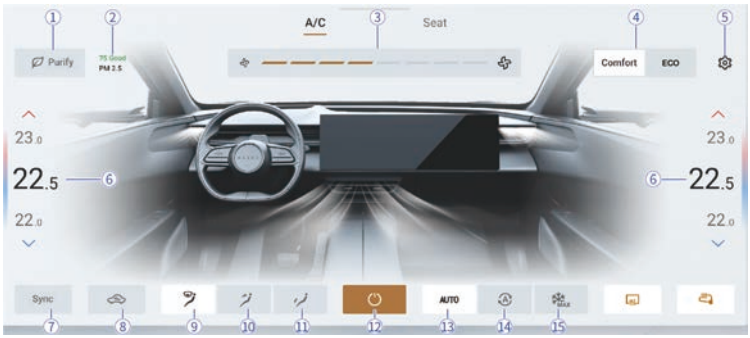
Do not obstruct the temperature sensor, otherwise the fully automatic climate control system may not operate correctly.

▼Climate Control Overview

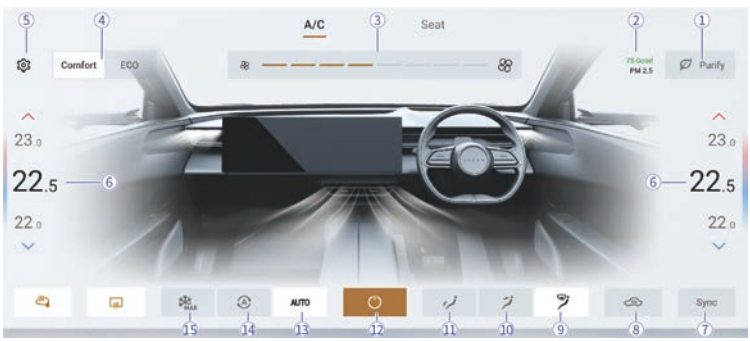
⚠ CAUTION

Do not apply excessive pressure to the screen or use sharp objects, as this may damage the screen.

Left-hand drive models



Right-hand drive models



①Air Purification: Tap to activate air purification. If the climate control system is off, it switches on automatically and activates the ioniser to purify the air.

②PM2.5: Displays the PM2.5 level inside the vehicle.

③Airflow Adjustment: Tap or drag the slider to adjust the airflow volume.

④A/C mode: Tap to switch between Comfort and Eco modes.

⑤A/C Settings: Set the on/off status of air conditioner related functions. For details, see the "Air Conditioner Settings" chapter.

⑥Driver/Front Passenger Temperature: Tap to set the target temperature for the driver or front passenger.

⑦SYNC (Synchronised Temperature): Tap to link or unlink the driver and front passenger temperature settings.

⑧Air Inlet: Tap to select Recirculation  or Fresh Air  .

⚠ WARNING

Do not use recirculated air in cold or rainy conditions:
Using recirculated air in such conditions may cause the windows to mist up, reducing visibility and increasing the risk of an accident.

⑨Defrost mode.

⑩Face-Level Airflow Mode.

⑪Footwell Airflow Mode.

⑫Power: Tap to switch the fully automatic climate control system on or off.

NOTE

- When the fully automatic climate control system is off, tap Power to switch it on.

⑬AUTO: Tap [AUTO] to enable automatic climate control. When AUTO is active, set the desired temperature. Airflow, air source and outlet mode are adjusted automatically. Adjusting the airflow, outlet mode or air source manually will cancel AUTO mode.

⑭Mode Selection: Tap to switch between Cooling, Heating and Ventilation modes.

⑮Max Cool (One-Touch): Optimises the temperature, fan speed, airflow distribution and recirculated air settings for maximum cooling.

NOTE

- Tap the “Airflow” icon in the bottom navigation bar to open the fully automatic climate control screen.

⚠ WARNING

Do not use front windscreen demist/defrost with the temperature set to cold:
This may cause the outside of the windscreen to mist up, reducing visibility and increasing the risk of an accident. Set the

temperature to a warm or hot setting when using front demist/defrost.

NOTE

- Window mist clears more readily when the fully automatic climate control system is on. After it is switched off, the windows may mist up more easily.
- Take care to prevent the windows from misting up when performing the following operations:
  - Selecting recirculated air
  - Switching off the fully automatic climate control system
- For maximum demisting/defrosting, switch on the fully automatic climate control system, set the temperature to the highest setting, and set the airflow to the maximum level.

▼Air Conditioning Settings

On the climate control screen in the centre display, select 'Settings' to open the air conditioning settings menu.



①Turn automatic windscreen demisting on or off.

②Turn automatic demisting of the door mirrors on or off.

③Turn automatic air purification on or off.

④Turn automatic ventilation on unlocking on or off.

⑤Turn A/C self-drying on or off.

⑥Turn window lowering for ventilation on unlocking on or off.

⑦Turn the cabin fresh air system on or off. You can select Automatic or Custom ventilation scheduling.

- When Custom is selected, choose the morning, afternoon or evening ventilation setting.

Air Vent Operation

▼Adjusting the Air Vents

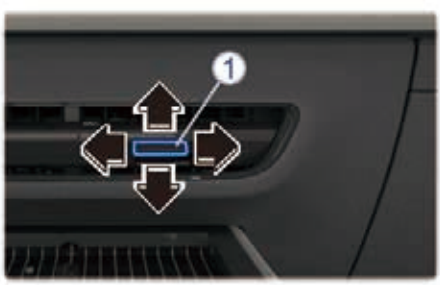
Adjusting the Airflow Direction

To adjust the airflow direction, turn the dial.

NOTE

- When the fully automatic climate control system is used in a humid environment, mist may come out of the air vents. This is normal and is caused by the rapid cooling of humid air.
- The dial can be used to fully open or close the air vents.
- Even when the air vents are closed, a small amount of air may still come out. This is normal.

Front centre air vent



1. Dial

Turn dial ① to adjust the airflow direction (up/down, left/right) of the outlet as required.

Turn dial ① outwards to increase airflow from the outlet, or inwards to reduce the airflow until the vent is closed.

Front side air vent

Left-hand drive models



Right-hand drive models



1. Dial

Turn dial ① to adjust the airflow direction (up/down, left/right) of the outlet as required.

Left-side vent: Turn dial ① to the left to increase airflow from the outlet, or to the right to reduce the airflow until the vent is closed.

The adjustment direction for the right-side vent is the reverse of that for the left-side vent.

Rear centre air vent



1. Dial

Turn dial ① to adjust the airflow direction (up/down, left/right) of the outlet as required.

Turn dial ① to the right to increase airflow from the outlet, or to the left to reduce the airflow until the vent is closed.

Refrigerant classification and Global Warming Potential (GWP)

Item	Item
Presence of fluorinated greenhouse gas (F-gas)	Yes
Type of F-gas	*1:HFC-1234yf *2:HFC-134a
Global Warming Potential (GWP) of the F-gas	*1:0.501 *2:1430
Charge quantity of the F-gas	900g
CO_2 equivalent of the F-gas	*1:4.5×10 $^{-4}$ t (0.9921 lb) *2:1.287 $^{-4}$ t (2837.35 lb)
Use of recovered or recycled F-gas	Yes
Safety requirements exemption note	Not applicable
Leak checking requirements	Inspection before filling each vehicle
Labelling requirements	Compliant
Declaration of compliance	This HFC-1234yf product complies with Regulation (EU) 2024/573.

*1. Applicable to the following countries or regions: EU, UK, Australia, New Zealand, and Israel.

*2. Applicable to the following countries or regions: Thailand,

Singapore, Malaysia, Indonesia, Hong Kong, and Macau.

EU Languages Chart

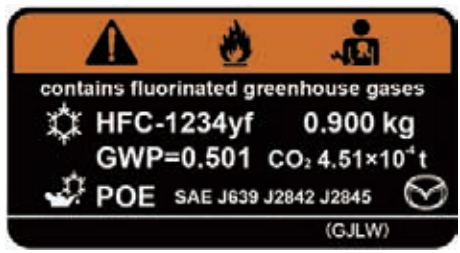
Air conditioning refrigerant
R-1234yf (HFO-1234yf)
Capacity: See below chart.
GWP (Global Warming Potential) : 0.501

Contains fluorinated greenhouse gases
Съдържа флуоросъдържащи парникови газове
Sadržava fluorirane stklenničke plinove
Obsahuje fluorované skleníkové plyny
Indeholder fluorholdige drivhusgasser
Bevat gefluoreerde broeikasgassen
Sisaldab fluoritud kasvuhoonegaase
Sisältää fluorattuja kasvihuonekaasuja
Contient des gaz à effet de serre fluorés
Enthält fluorierte Treibhausgase
Περιέχει φθορούχα αέρια του θερμοκηπίου
Fluortartalmú üvegházhatású gázokat tartalmaz
Contiene gas fluorurati a effetto serra
Sudetyje yra fluorintų šiltnamio efektą sukeliančių dujų
Satur fluorētas siltumnīcefekta gāzes
Fih gassijiet fluworurati b'effett ta' serra
Zawiera fluorowane gazy cieplarniane
Contém gases fluorados com efeito de estufa
Conține gaze fluorurate cu efect de seră
Obsahuje fluórované skleníkové plyny
Vsebuje fluorirane toplogredne pline
Contiene gases fluorados de efecto invernadero
Innehåller fluorerade växthusgaser
Inneholder fluorholdige drivhusgasser
Inniheldur flúoruð gróðurhúsalofttegundir

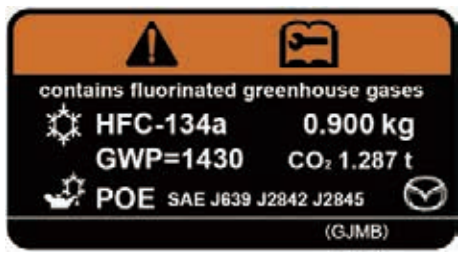
Europe (Excluding UK, Cyprus, Malta, Ireland), Israel



UK, Ireland, Cyprus, Malta, Australia, New Zealand



Thailand, Singapore, Malaysia, Indonesia, Hong Kong, Macau



Rear Touchscreen Display

▼Rear Touchscreen Display

The rear touchscreen display enables rear passengers to adjust the fully automatic climate control system, seats and sunshades easily.

Left-hand drive models



Right-hand drive models



① Power Roof Sunshade Switch

Opens or closes the power roof sunshade.

② Rear Left Seat Ventilation/ Heating Switch*

Tap the left icon to switch the seat ventilation function on or off.

Tap the right icon to switch the seat heating function on or off.

The ventilation and heating functions cycle through levels 1, 2, 3 and Off.

③ A/C Power Switch

Tap this icon to switch the vehicle's fully automatic climate control system on or off. Note: If the defrost function is active, the fully automatic climate control system cannot be switched off.

④ Rear Right Seat Ventilation/ Heating Switch*

Tap the left icon to switch the seat heating function on or off.

Tap the right icon to switch the seat ventilation function on or off.

The ventilation and heating functions cycle through levels 1, 2, 3 and Off.

⑤ Temperature Display

Displays the temperature setting for the front passenger side.

Increase/Decrease Temperature

Tap the left icon to decrease the temperature. Press and hold for continuous adjustment to a minimum setting of LO.

Tap the right icon to increase the temperature. Press and hold for continuous adjustment to a maximum setting of HI.

* Some models

⑥ Front Passenger Power Seat Adjustment

Adjusts the position of the front passenger seat.

⑦ Fan Speed Control

Tap the left icon to decrease the fan speed. Press and hold for continuous adjustment to a minimum level of 0.

Tap the right icon to increase the fan speed. Press and hold for continuous adjustment to a maximum level of 8.

⑧ Rear Left Seat Ventilation and Heating Level Display*

Displays the ventilation or heating level (1/2/3) for the rear left seat.

⑨ Lock Icon

When the rear touchscreen display is disabled in the centre display, the lock icon is displayed and the controls are locked.

When the rear touchscreen display is enabled in the centre display, the lock icon is hidden and the controls are unlocked.

⑩ Rear Right Seat Ventilation and Heating Level Display*

Displays the ventilation or heating level (1/2/3) for the rear right seat.

⚠ CAUTION

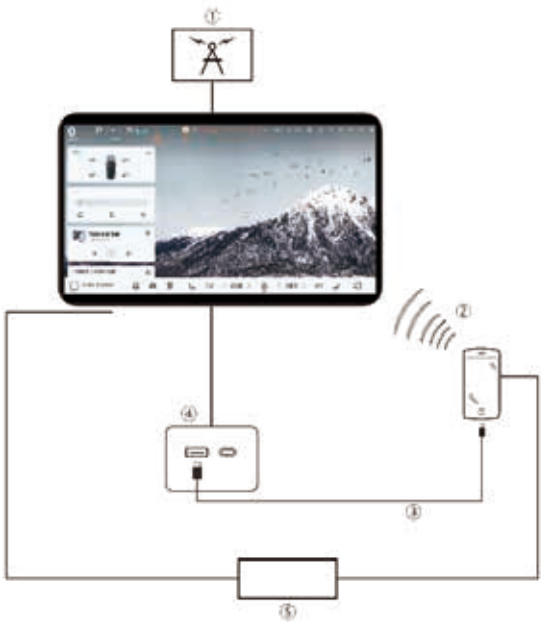
- Avoid unnecessary use of the on-screen buttons to prevent inadvertent adjustments to the climate control and other settings.

* Some models

Connected Service

▼What is Connected Service?

This manual provides only a partial overview of the Connected Service. For further details, please refer to the Connected Service Owner Manual.



①Radio

②Bluetooth® Media, hands-free calling, Wi-Fi, Apple CarPlay, Android Auto™

③USB video, USB pictures, USB music

④USB power sockets

⑤In-Vehicle Intelligent Application Platform

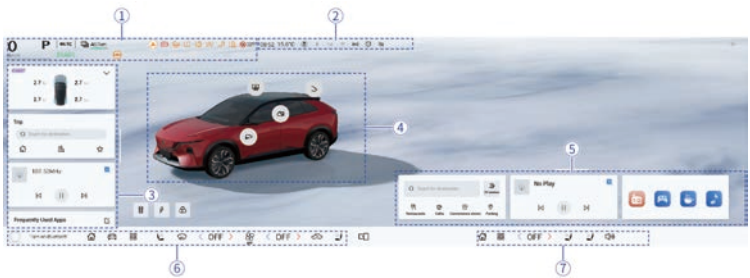
NOTE

- There are two USB power sockets. Only the lower USB power socket supports data transfer for USB devices, Apple CarPlay and Android Auto™. The upper USB power socket is for phone charging only.

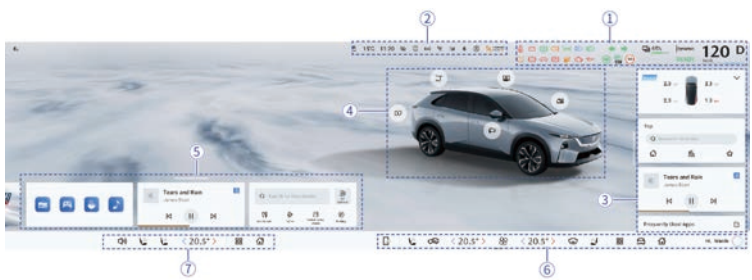
▼Introduction to the Centre Display

When the centre display is switched on, the home screen shows the following information:

Left-hand drive models



Right-hand drive models



① Centre Display: Displays vehicle speed, shift position, driving range, the READY indicator and other indicators.

② Top Status Bar: Displays information such as Driver Centre status, Bluetooth®, network signal strength, Wi-Fi, wireless charging and privacy authorisation.

③ Driver Screen Widgets: Includes vehicle information, navigation, music, phone and the quick access widget. Swipe up to view the

widget area, tap “Edit” to edit it, and swipe from left to right to hide the quick access widget.

④ 3D Vehicle Control: Includes controls for the four door windows, digital rearview mirror adjustment, sunshade (open/close) and power tailgate (open/close).

⑤ Front Passenger Screen Widgets: Includes navigation, music and the quick access widget. Swipe from top to bottom to hide the widget.

⑥ Bottom Navigation Bar: Includes AI Voice Recognition, Home, Vehicle Menu, App Centre, Climate Control/Seat Settings and Phone Connection (such as CarPlay & Android Auto).

⑦ Front Passenger Screen Navigation Bar: Includes Home, App Centre, front passenger climate control settings, front passenger seat adjustments (ventilation/heating) and volume controls (music/navigation/phone).

Driver Control Centre

Swipe down on the Driver Display to open the Driver Control Centre.

In the Driver Control Centre, you can adjust display settings (wallpaper, navigation and vehicle controls), Vehicle Modes, media volume, the sunshade, screen brightness, the tailgate, seat settings, lights settings (OFF, automatic headlamps, dipped beam and position lamps), door mirror folding/adjustment, ambient lighting, Auto Hold, ESP OFF, Hill Descent Control (HDC), screen-off and other function settings.

Touch the “Edit” icon in the upper right corner of the Driver Control Centre to add, delete or replace function icons.

Touch Notifications to view alert messages and warnings.

Front Passenger Control Centre

Swipe down on the Front Passenger Display to open the Front Passenger Control Centre.

⚠ WARNING

In the Front Passenger Control Centre, you can adjust passenger seat settings, Vehicle Modes, media volume and screen brightness, or switch off the passenger screen.

Always adjust Connected Service settings while the vehicle is stationary.
Do not operate the centre display while driving. Operating Connected Service while driving is dangerous because it may distract you from driving, which could result in a serious accident.

When using the steering wheel switches, learn to operate them without looking down so that you can keep your full attention on the road while driving.

Do not adjust a mobile device or similar product while driving:
Adjusting a mobile device or similar product while driving is dangerous because it may distract you from driving, which could result in a serious accident. Always adjust a mobile device or similar product while the vehicle is stationary.

⚠ CAUTION

For safe driving, adjust the audio volume to a level that allows you to hear sounds outside the vehicle, including horns and, in particular, emergency vehicle sirens.

NOTE

- Do not use Connected Service for an extended period with the EV system switched off. Otherwise, the 12 V battery may become discharged.
- If a mobile phone or CB radio is used in or near the vehicle, noise may occur from the audio system. However, this does not indicate a malfunction.

NOTE

- For navigation system operation, refer to the Navigation Manual.

- For Connected Service system operation, refer to the Connected Service Owner's Manual.

NOTE

Before using services such as online navigation and voice control, complete the following two steps in the mobile app:

- To connect the vehicle, refer to the “To Start Connected Service” section for details.
- When the vehicle display is switched on, scan the QR code to log in to your account, then select the network mode to complete function authorisation. 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 not be available.

Basic Operations for Connected Services

▼Basic Operations for Connected Services

NOTE

The descriptions of the functions in this manual may differ from actual operation. In addition, the appearance of screens, buttons and displayed text may differ from those shown on the actual display.

In addition, content may be changed without prior notice as a result of future software updates.

▼Audio Remote Control Switch Operation

The audio remote control switches are on the right-hand side of the steering wheel. You can use these switches to operate basic audio functions, answer/end calls, or activate voice control.



① : Increases the volume

② : Short press - decrease the volume. Press and hold - mute.

③ : Previous track / End call.

④ : Next track / Answer call.

⑤ : Play / Pause.

⑥ : Toggle the head-up display on or off.

⑦ Voice recognition

⑧ : Custom function button 1.

⑨ : Custom function button 2.

Frequently used shortcut functions can be assigned to the Customisable Steering Wheel Button. Refer to the “Customisable Steering Wheel Button” section for details.

▼Touch Panel Operation

⚠ CAUTION

Do not press the screen firmly or use a sharp-pointed object on it. Otherwise, the screen may be damaged.

NOTE

For safety reasons, operation of the centre display is disabled while the vehicle is in motion.

- Touch or tap: Touch or lightly tap the desired item on the screen with your finger.

  Slide: Touch the slider for the item with your finger and move it to the desired level.

- Swipe: Touch the screen with your finger and swipe up or down.

▼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. THE APPLICATION AND THE INFORMATION PROVIDED THROUGH IT ARE PROVIDED “AS IS” AND “AS AVAILABLE”, WITH ALL FAULTS AND WITHOUT WARRANTY OF ANY KIND. MAZDA HEREBY DISCLAIMS ALL WARRANTIES AND CONDITIONS WITH RESPECT TO THE APPLICATION AND THE INFORMATION PROVIDED THROUGH IT, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY

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- When using Apple CarPlay, avoid distraction and use it responsibly.

  Stay fully aware of the driving conditions at all times and always comply with 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 are transferred to your iPhone®. For further details, refer to Apple®'s Privacy Policy.

Android Auto™

⚠ CAUTION

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- When using Android Auto™, avoid distraction and use it responsibly.

  Stay fully aware of the driving conditions at all times and always comply with applicable laws.

NOTE

- Android Auto™ is provided by Google and its use is subject to your agreement to the Android Auto™ terms of use.
- When using Android Auto™, location, speed and other vehicle data are transferred to your smartphone. For further details, refer to the Google Privacy Policy.

Trademarks

- iPhone®, iPod® touch, iPod® nano, Siri® and Lightning® are trademarks of Apple Inc. , registered in the U. S. and other countries.
- Apple CarPlay is a trademark of Apple Inc.
- Use of the Apple CarPlay logo indicates that the vehicle user interface meets Apple performance standards. Apple is not

responsible for the operation of this vehicle or for its compliance with safety and regulatory standards. Please note that use of this product with iPhone® or iPod® may affect wireless performance.

- iOS is a trademark or registered trademark of Cisco in the U. S. and other countries and is used under licence.
- “Made for iPhone®” and “Made for iPod®” mean that an accessory has been designed to connect specifically to iPhone® or iPod® and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or for its compliance with safety and regulatory standards. Please note that use of this accessory with iPhone® or iPod® may affect wireless performance.

Apple CarPlay is compatible with iPhone® 6S and later models and supports only iOS 14 or later.



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To Start Connected Service

▼Download and Authentication

1. The mobile app can be downloaded from the Apple App Store or Google Play Store.

NOTE

This app is compatible only with iOS 13.0 or later and Android 8. 0 or later. The app control functions are not supported on devices running earlier operating system versions.

▼Vehicle Connection

You can set up your account and connect your vehicle with the help of a service representative at the dealer where you purchased the vehicle.

1. After logging in to the app, go to the “Available Vehicles” page and select “Vehicle Connection” to view the list of vehicles.
2. Select your vehicle from the list. The model, VIN and other vehicle details will be displayed.
3. Tap to receive a verification code, which will be sent to your email address to verify the vehicle connection.
4. Enter the verification code from your email and tap [Confirm Connection] to complete the process.

NOTE

- To use the app, you must create your own account.

▼Disconnect the Vehicle

If you wish to remove your account from the vehicle, follow the steps below to disconnect the vehicle.

1. On the home screen, tap the vehicle nickname in the upper left corner (default: “My Vehicle”) to open the Vehicle Management screen.
2. On the Vehicle Management screen, tap the vehicle image to open the Vehicle Details screen.
3. Tap the “Vehicle Disconnection” button to open the disconnection screen, where the relevant effects and prerequisites will be displayed.
4. After you tap “Confirm”, the system checks whether any active vehicle-sharing records exist. If any are found, a pop-up message will appear. Tap the button to manage sharing and end the connection process. If

no records are found, the system will proceed to e-mail verification.

5. Tap to request a verification code. The system will send it to the owner's e-mail address.
6. Enter the verification code received by e-mail, then tap "Confirm Disconnection" to complete the process.

CAUTION

- The management rights of the mobile app account belong to the user. Refer to the app for the User Agreement and Privacy Policy. To clear data on the mobile device, perform the operation directly on the device.

▼Account Login

Account Login

1. QR Code Login
   Tap the "Driver Centre" icon  at the top of the screen to open the login screen, then use the mobile app to scan the QR code and log in to your personal account.

▼Mobile Control



1. Tap the [Remote Control] icon to enter remote control mode.
2. Tap the [Bluetooth®] icon to enter Bluetooth® control mode.
   Note: Ensure that Bluetooth® is enabled on your phone before use.



3. Tap to enter Remote Control or Bluetooth® mode to operate the vehicle.
   In Remote Control mode, the following actions are available:
   - Tap the [Vehicle Lock] icon to lock or unlock the vehicle.
   - Tap the [Window] icon to open or close the windows.
   - Tap the [Horn & Flash] icon, and the vehicle will honk its horn and flash the lights.
   - Tap the [Flash] icon to activate the vehicle's lights.

   In Bluetooth® mode, the following actions are available:
   - Tap the [Vehicle Lock] icon to lock or unlock the vehicle.
   - Tap the [Window] icon to open or close the windows.
   - Tap the [Tailgate] icon to open or close the tailgate.
   - Tap the [Horn & Flash] icon, and the vehicle will honk its horn and flash the lights.

⚠ CAUTION

- A vehicle control password is required for remote vehicle control.

▼Sharing Management

On the main screen of the vehicle control app, tap the [Share] icon to manage vehicle sharing.



On this screen, tap the [Share] icon to add a shared user.

Note: Sharing is limited to a maximum of three users.

On this screen, tap the [End] icon to revoke sharing permissions.



After entering the shared user's details, tap the [Confirm to Share] icon to complete the sharing process.

Once sharing is successful, the shared user must log in to the app using the shared email address to access features such as remote vehicle control and Bluetooth® key access.



▼Privacy

Mazda has established a Privacy Statement which describes how we collect, use, share, store and secure data from your vehicle linked to the 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 policy on your local official website of Mazda.

Sun Visor

▼Sun Visor



1. Sun Visor
2. Vanity Mirror
3. Mounting Bracket

The sun visor helps reduce glare for the driver and front passenger.



To use the sun visor, pull it down, release the outer end from the mounting bracket, then swing it to the side as required to block glare.

NOTE

- Ensure that the vanity mirror cover is closed before returning the sun visor to its original position.

▼Vanity Mirror



To use the vanity mirror, lower the sun visor.

Your Mazda is equipped with a vanity mirror light, which illuminates when the vanity mirror cover is opened and the sun visor is in the correct position.

To protect the vanity mirror light, it will turn off automatically if the sun visor is moved beyond its normal operating range.

Interior Lights

▼Front Map Lights



1. Lens

Light Function

To switch the front map lights on or off, touch the lens.

In the "Vehicle Menu → Lights → Vehicle Lights" menu, you can enable or disable the automatic roof light function. When this function is enabled, the front map lights will come on automatically when a door is opened.

▼Rear Map Lights

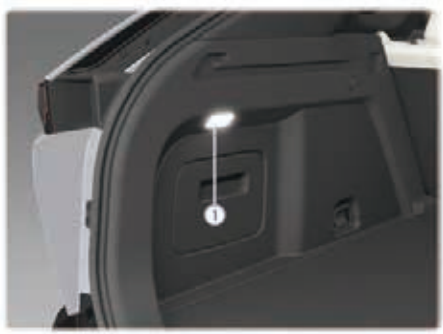


1. Lens

To switch the rear map lights on or off, press the lens.

▼Luggage Compartment Light

The luggage compartment light comes on when the tailgate is open and switches off when it is closed.



1. Luggage Compartment Illumination

NOTE

Do not leave the tailgate open for extended periods when the EV system is off, as this may discharge the 12 V battery.

Accessory Sockets

▼12 V Power Socket



The 12 V power socket in the front row supplies 12 V DC power. The power consumption of connected devices should not exceed 120W.

⚠ CAUTION

- To avoid damaging the power socket or causing an electrical malfunction, observe the following precautions:
  - Do not use accessories that draw more than 120 W (12 V DC, 10 A).
  - Only use genuine Mazda accessories or equivalent accessories.
  - Keep the cover closed when the power socket is not in use to prevent foreign matter or liquid from entering.
  - Insert the plug correctly into the socket.
- Depending on the device connected to the power socket, noise may occur in the audio system.
- A device connected to the power socket may affect the vehicle's electrical system and cause a warning light to illuminate. Disconnect the device and check whether the issue is resolved. If the issue persists, have the vehicle inspected by an expert repairer. We recommend an Authorised Mazda Repairer.

▼USB Power Socket

Front USB Power Socket

The two front USB power sockets are located below the centre console. The upper USB Type-C port is for charging devices, while the lower USB Type-A port supports data transfer.



Rear USB Power Socket

The rear USB Type-C power socket is located below the rear air vent and allows rear passengers to charge compatible devices.

Left-hand drive models



Right-hand drive models



⚠ CAUTION

- Do not insert foreign objects into the USB power socket.
- Do not spill water or other liquids into the USB power socket.
- Do not disassemble or tamper with the USB power socket.

Cup Holders

▼Cup Holders

⚠ WARNING

Do not use the cup holders for hot drinks while the vehicle is in motion.
Using the cup holders for hot drinks while driving can be dangerous. Spilt hot liquid may cause burns.

Only place cups or drink cans in the cup holders.
Placing items other than cups or drink cans in the cup holders could be dangerous.

Sudden braking or sharp manoeuvres may cause objects to move or be thrown from the cup holders, which may injure occupants or distract the driver and lead to an accident. Use the cup holders only for cups or drink cans.

▼Front Cup Holder

The front cup holder is located in the centre console.

Left-hand drive models



Right-hand drive models



1. Front Cup Holder

To open the front cup holder, press the front of the cover and slide it fully rearwards. To close it, slide the cover forwards until it latches closed.

▼Rear Cup Holder

The rear cup holder is located in the rear centre armrest.



1. Rear Cup Holder

Bottle Holders

▼Bottle Holders

The bottle holders are located in the door trims.

Left-hand drive models



Right-hand drive models



1. Bottle Holders

⚠ CAUTION

Do not use the bottle holders for containers without lids. Contents may spill when the doors are opened or closed, or while the vehicle is in motion.

Assist Grips

▼Assist Grips

⚠ WARNING

Do not hang heavy or sharp objects from the assist grips: Hanging heavy or sharp objects, such as clothes hangers, from the assist grips is dangerous. If a curtain airbag deploys, such objects could become detached and strike an occupant, causing serious injury or death.

Do not use the assist grips when entering or exiting the vehicle, or when getting up from a seat: The assist grip may break if subjected to excessive force, resulting in injury.

Use the assist grips only to support your body while seated, especially when the vehicle is in motion.



1. Assist Grips

Storage Compartments

▼Storage Compartments

⚠ WARNING

Always ensure that all storage compartments are closed securely while driving.
Driving with storage compartments open is dangerous. To reduce the risk of injury during sudden braking or a collision, ensure that all compartments are closed securely.

Always ensure that all cargo is secured properly.
Unsecured cargo may shift during driving or sudden braking, which could cause injury or result in an accident.

Do not place items in open storage compartments.
Storing items in open compartments is dangerous, as they may be thrown around the cabin during sudden braking, acceleration or cornering, which could cause injury or result in an accident.

⚠ CAUTION

- Do not leave lighters or glasses in storage compartments when the vehicle is parked in direct sunlight. Lighters may explode, and plastic parts of glasses may deform or crack at high temperatures.
- Always keep the glovebox closed while driving to reduce the risk of injury to passengers in the event of sudden braking or a collision.

▼Glovebox

To open the glovebox, press the release button.

Left-hand drive models



Right-hand drive models



Close the glovebox lid until it clicks into place.

⚠ CAUTION

- Ensure that the glovebox is closed securely while the vehicle is in motion. Failure to do so may result in injury to the front passenger during emergency braking or in a collision.
- Do not store valuables in the glovebox. Always remove your valuables when leaving the vehicle.

▼Centre Console



Press the button at the front of the centre console to open the lid automatically.

▼Luggage Compartment



Open the tailgate to store items securely in the luggage compartment.

Use the loops in the luggage compartment to secure larger items.

Lowering the rear seatbacks increases luggage compartment space.

NOTE

- When carrying large items in the luggage compartment, observe the following precautions:
    - The centre of gravity of the load should be as low as possible and as close to the rear seatbacks as possible.
    - Place rigid objects as close to the rear seatbacks as possible.
    - Do not allow objects to prevent the tailgate from closing properly or to be trapped against the tailgate when it is closed.
    - Do not store liquids, fragile items or hazardous materials in the luggage compartment.
    - Secure all stored items with straps where necessary.

⚠ CAUTION

➢ When the luggage compartment is enlarged to carry heavy items, secure them with retaining straps to prevent movement and reduce the risk of injury during emergency braking or sudden acceleration.

▼Front Storage Compartment



The front storage compartment can be used to store items when the bonnet is open.

⚠ CAUTION

➢ Do not exceed a load of 25 kg in the front storage compartment to prevent damage.

➢ Do not store flammable, explosive or sharp objects in the front storage compartment, as they may cause damage or injury.

⚠ WARNING

- Make sure that all liquid containers are properly sealed to prevent leakage, which could damage the vehicle. If leakage occurs, clean it up immediately.
- Never allow people or animals inside the front storage compartment. Always check the compartment before closing it.

Luggage Compartment Cover

▼Luggage Compartment Cover

Extending/Retracting the Luggage Compartment Cover



- To extend the luggage compartment cover, gently pull the handle rearwards and secure it in the recesses on both sides of the luggage compartment.
- To retract the cover, gently pull the handle rearwards to release it from the recesses, then allow the cover to retract slowly into its housing.

⚠ CAUTION

- When retracting the luggage compartment cover, allow it to roll back gently to prevent damage.
- Do not place heavy, hard or loose objects on the luggage compartment cover.

Wireless Phone Charger (Qi)

▼Wireless Phone Charger (Qi)

This vehicle is equipped with a wireless phone charger. The charging power adjusts automatically according to the phone's charging capability, up to a maximum of 50 W. Charging speed may vary depending on the phone's charging capability and its position on the charging pad.

Using Wireless Phone Charging

1. The phone placement area is located on the left-hand side of the storage tray at the front of the centre console. Charging starts when the phone indicates it is charging.
2. To improve heat dissipation, position the back of the phone over the panel vent.

Left-hand drive models



Right-hand drive models



1. Charging area
2. Charging panel vent

You can check the status of the wireless phone charging function in the status bar at the top of the centre display:

: Indicates that wireless charging is on and the phone is fully charged.

: Indicates that wireless charging is on and the phone is charging.

: Indicates a wireless charging fault.

: Indicates that wireless charging is off.

Wireless charging can be turned on or off in Vehicle Menu → Vehicle → Other Components.

You can charge Qi-compatible mobile devices, such as smartphones. Only use mobile devices with a maximum charging power requirement of less than 50 W.

Maximum charging power varies depending on the mobile device.

Before using the wireless charging function, remove any foreign objects from the charging pad surface. Do not place metal objects or magnetic cards in the charging area. Do not use thick or metal phone cases, as charging may not be possible.

If the centre display shows the message “Wireless charging temperature too high”, remove the phone and try again later.

Charging will cease automatically once the phone is fully charged. If a phone fails to charge, switch it off, restart it, and reposition it within the charging area.

Wireless phone charging depends on compatibility between the vehicle and the phone. A fault in either the vehicle or the phone may prevent charging. On rough roads, wireless phone charging may stop and restart intermittently. If the phone moves out of the effective charging area, place it back in the centre of the charging area.

⚠ WARNING

Radio waves emitted by the wireless phone charger (Qi) may

affect the operation of medical devices, including implanted cardiac pacemakers and defibrillators.

- Before using the wireless phone charger (Qi) near anyone using a medical device, consult the device manufacturer or your doctor to confirm whether radio waves from the wireless phone charger (Qi) may affect the device.
- The wireless phone charger (Qi) can be switched off to help prevent interference with medical devices. For details, consult an expert repairer. We recommend an Authorised Mazda Repairer.

Observe the following precautions. Otherwise, the wireless phone charger (Qi) may malfunction or be damaged, which could result in fire, burns from heat generation, or an electric shock.

- Do not install, remove, disassemble or modify 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. If smoke, abnormal noise or an unusual 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.
- If you use the area for storage, switch off the wireless phone charger (Qi).
- Do not place any metal object between the charging area and the mobile device. Also, do not attach items such as metallic stickers to the wireless phone charger (Qi).
- During charging, do not place anything other than the mobile device being 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 that support Qi wireless charging.

⚠ 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 upwards.
  - The mobile device is placed too far from the centre of the charging area.
  - The vehicle is in an area with strong radio waves or electrical interference, such as near a television tower, power station or airport.
  - The Near Field Communication (NFC) function on the mobile device is switched on (depending on the model of the mobile device).
- Keep the following items away from the charging area. Otherwise, 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), make sure that data stored on the mobile device is backed up. The data on the mobile device could be deleted.
- Do not clean the wireless phone charger (Qi) with oil, alcohol or thinners, and do not 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 using the wireless charger. In addition, even if the mobile device is within the charging area, charging efficiency may decrease, or

charging may not be possible, depending on its position.

- If the radio noise reduction function is used, DC charging may be unavailable depending on the mobile device being charged.
- Depending on the phone case or accessories used, the mobile device may not charge, or charging efficiency may be reduced, resulting in longer charging times. If charging does not start when a mobile device is placed on the charging area, remove the case or any accessories.
- While the keyless entry system is operating, charging may stop temporarily. However, this does not indicate a fault.
- During charging, the wireless phone charger (Qi) and the mobile device may become warm. However, this does not indicate a fault.
- If the temperature of the mobile device rises during charging, charging may stop due to the device's protection function. If this happens, wait until the mobile device has cooled down sufficiently, then charge it again.
- When using the wireless phone charger (Qi), applications that use the Near Field Communication (NFC) function may activate. This does not indicate a fault with the wireless phone 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 technicians. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

Owners may carry out the maintenance tasks outlined in the "Owner Maintenance" and "Appearance Care" sections, provided that clear step-by-step instructions are given.

All other maintenance tasks for which no specific instructions are provided must be carried out by qualified technicians.

Take care to avoid injury when inspecting your vehicle, changing a tyre, or carrying out maintenance such as washing the vehicle. In particular, wear thick protective gloves such as cotton gloves when reaching into areas that are difficult to see during inspection or maintenance. Carrying out inspections or procedures with bare hands may result in injury.

If you are unsure about any procedure described in this manual, have the work carried out by a reliable, qualified technician. Contact an expert repairer as soon as possible (we recommend an Authorised Mazda Repairer).

Authorised Mazda technicians and genuine Mazda parts are dedicated to your vehicle. Without this expertise and parts specifically designed for your Mazda, servicing may be inadequate and could lead to problems. This could result in vehicle damage, an accident, or personal injury.

For expert advice and quality service, consult an expert repairer (we recommend an Authorised Mazda Repairer).

The owner should retain evidence that the prescribed maintenance has been carried out properly.

A warranty claim will not be accepted if the problem results from a lack of maintenance rather than from defective materials or authorised workmanship.

The vehicle may be serviced at any repairer that uses parts of equivalent quality, such as genuine Mazda Parts. **Have the vehicle serviced by an expert repaire (we recommend an Authorised Mazda Repairer) using Genuine Mazda Parts.**

The diagnostic connector is designed exclusively for vehicle diagnostics. Connecting non-diagnostic equipment may cause

the 12 V battery to discharge or damage the vehicle's electrical system.

Left-hand drive models



Right-hand drive models



1. Diagnostic Connector

⚠ CAUTION

When using the diagnostic connector, note the following:

- Follow the instructions for the diagnostic connector carefully to avoid incorrect operation, which could damage the vehicle or the equipment.
- Keep the diagnostic connector and interface cables clean and dry to prevent water ingress and contamination.
- Update the diagnostic connector software regularly to ensure the accuracy and currency of its diagnostic functions.

Scheduled Maintenance

▼Scheduled Maintenance

After the initial prescribed period, continue to carry out the specified maintenance at the recommended intervals.

Maintenance Table

▼**Maintenance Table**

NOTE

- After the initial prescribed period, continue to carry out the specified maintenance at the recommended intervals.
- Based on the results of a visual inspection or functional check of system operation, clean, adjust, repair, or replace parts as required.

Normal Driving Scheduled Maintenance

Vehicles equipped with the scheduled maintenance reminder function (My Mazda Service):
The scheduled maintenance reminder function alerts you to maintenance requirements by illuminating the spanner indicator light and displaying a pop-up message on the centre display.

Maintenance must be carried out whenever the display message or spanner indicator light comes on. The display message or spanner indicator light will come on before the maximum interval of 20,000 km (12,427 mi) or 12 months, whichever comes first, is reached. (after the previous maintenance)

Reset the service interval after the maintenance has been performed, regardless of whether the message or spanner indicator light was displayed.

Scheduled Maintenance

Maintenance Item	Maintenance Interval	Number of months or kilometres , whichever comes first.											
	km×1,000	20	40	60	80	100	120	140	160	180	200	220	240
	Months	12	24	36	48	60	72	84	96	108	120	132	144
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	-	—
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 mounting bolts (looseness, damage)		I	I	I	I	I	I	I	I	I	I	I	I
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

Maintenance Item	Maintenance Interval	Number of months or kilometres , whichever comes first.											
	km×1,000	20	40	60	80	100	120	140	160	180	200	220	240
	Months	12	24	36	48	60	72	84	96	108	120	132	144
◇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

Chart symbols:

I: Inspect: Inspect and clean, repair, adjust, top up, or replace as necessary.

R: Replace

Remarks:

1. Replace the brake fluid every 2 years.

2. Inspect the spare tyre, if fitted.
3. Check the tyre repair fluid expiry date annually during periodic maintenance. Replace the tyre sealant bottle with a new one before the expiry date.
4. Tyre rotation is recommended every 10,000 km (6,214 mi).
5. Depending on the level of contamination, replace the cabin air filter every 20,000 km (12,427 mi).

▼Maintenance Schedule for Severe Driving Conditions

Component	Maintenance Type	Maintenance Interval	Driving Conditions
Driveshaft and dust cover	I	Every 10,000 km or 6 months, whichever comes first	B, C, D, E
Chassis bolts and nuts	I	Every 10,000 km or 6 months, whichever comes first	A, B, D, E
Brake discs and pads	I	Every 10,000 km or 6 months, whichever comes first	A, B, C, D, E
Track rod ends and dust covers	I	Every 10,000 km or 6 months, whichever comes first	B, C, D
Parking brake	I	Every 10,000 km or 6 months, whichever comes first	A, B, C, D, E
Front suspension ball joints	I	Every 10,000 km or 6 months, whichever comes first	A, B, D, E

Chart symbols:

I: Inspect: Inspect and clean, repair, adjust, top up, or replace as necessary.

Driving conditions:

A: Repeated short trips;

B: B: Driving on rough or muddy roads

C: Driving on dusty roads;

D: Driving in extremely cold conditions or on salted roads

E: Repeated short trips in extremely cold weather, such as in snowy conditions

Owner Maintenance Precautions

▼ **Owner Maintenance Precautions**

⚠ WARNING

Do not use matches or a naked flame in the motor compartment. Do not add coolant when the EV system is hot.
The electric drive system can become extremely hot and may cause burns. If the electric drive system has been operating, components in the motor compartment may become very hot. You could be burned. Visually check the coolant level in the reservoir, but do not open the reservoir cap.

When carrying out any inspection, adjustment, or maintenance work on your vehicle, observe the following precautions to reduce the risk of personal injury or vehicle damage:

1. When using a jack, do not use the high-voltage battery as a jacking point, and never go underneath the vehicle. If work underneath the vehicle is necessary, support the vehicle securely with safety stands.
2. Keep cigarettes, naked flames, and sparks away from the 12 V battery, the high-voltage battery, and high-voltage components.
3. When the vehicle is unlocked and powered on, do not touch, inspect, or remove the 12 V battery or any electrical components.
4. When connecting the 12 V battery cables, pay particular attention to the correct 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 electrical circuits carry high current or high voltage. Take care not to cause a short circuit.
6. Keep used coolant and other fluids out of the reach of children and animals, and do not store them where they can be easily accessed.

When inspecting, repairing, or maintaining the EV system, take particular care to follow all safety precautions. Please be particularly aware of the following situations:

⚠ WARNING

1. When the vehicle is powered on, do not touch any high-voltage cables or high-voltage components marked with warning labels.
2. Persons who are not qualified service technicians must not remove or disassemble any high-voltage cables or high-voltage components marked with warning labels.
3. Before servicing or maintaining the vehicle, switch the vehicle off and disconnect the negative terminal of the 12 V battery.
4. When the motor is running, keep your hands, feet, clothing, tools, and other objects away from moving parts.
5. Do not touch hot components such as the battery, motor, or coolant pipes, as this may cause burns.
6. Do not allow tools or other metal objects to contact the positive and negative terminals of the high-voltage battery, as this may cause a short circuit.
7. When cleaning the surface of high-voltage components, remove any foreign matter using a dry cloth. Never wash high-voltage components directly with water. When washing or maintaining the vehicle, prevent water from entering the control units.
8. Do not install any equipment on the vehicle that may cause radio interference.
9. Do not remove or disassemble high-voltage components, sensors, or other sensitive parts when the vehicle is unlocked and powered on.

▼High-Voltage Battery

Maintenance

The high-voltage battery consists of multiple battery cells connected in series and parallel. It stores energy supplied by the charging system or regenerative braking system, and provides power to the motors and other electrical loads.

During regular vehicle use, to help keep the high-voltage battery in optimum condition, it is recommended that the vehicle be fully charged at least once a week.

To help ensure the performance of the high-voltage battery during vehicle transport or storage, it is recommended that the displayed battery charge level is 40% or higher before transport or storage.

If the vehicle will not be used for an extended period (more than 3 months), ensure that the high-voltage battery charge level is kept above 40% during storage. Do not leave the vehicle parked for more than 7 days with the high-voltage battery charge level below 20%. If this period is exceeded, charge the high-voltage battery to more than 40% using the vehicle's charging equipment.

▼Monthly Inspection

Monthly inspections are not mandatory, and the inspection schedule may be adjusted according to the condition of the vehicle. If you are unable to carry out the inspection yourself, we recommend having it performed by an Authorised Mazda Repairer.

- Check for coolant leaks.
- Check for leaks from pipes, hoses and fluid reservoirs.
- Air-conditioning condensate drain tube

  Check that the air-conditioning condensate drain tube is not damaged or blocked. If it is blocked or damaged, condensate may drain onto the passenger-side floor.
- Parking brake operation

  Check that the parking brake engages and releases properly.
- Horn operation
- Wheel nut tightness

  Ensure that the wheel nuts and bolts are tightened to the specified torque.
- Wipers

  Check that the wiper arms and blades are in good condition.
- Steering

  Check that there is no excessive free play in the steering wheel.
- Pedals

  Check that the brake pedal travel is within the specified range.
- High-voltage components

  Check that the high-voltage battery, electric motor and high-voltage wiring harness are in normal condition.

▼Daily Inspection

Routine inspections are not mandatory, and the inspection schedule may be adjusted according to the condition of the vehicle. If you are unable to carry out the inspection yourself, we recommend having it performed by an Authorised Mazda Repairer.

- Warning lights and indicators

  Check that all displays, controls, warning lights and

indicators are operating properly.

- Mirrors

  Ensure that the mirror surfaces are clean and that the mirrors can be adjusted properly.

- All doors, tailgate and bonnet.

  Check that all doors and the tailgate open and close smoothly and lock securely.

- Vehicle exterior

  Check the vehicle exterior for paint chips or scratches. If any damage is found, repair it immediately to prevent corrosion of exposed metal surfaces.

- Vehicle Lights

  Check that all exterior lights (headlamps, tail lamps, position lamps, direction indicators, brake lamps, and fog lamps) are operating correctly.

- High-voltage components

  Check that the high-voltage battery, electric motor and high-voltage wiring harness are in normal condition.

Bonnet

▼Bonnet

⚠ WARNING

Always ensure that the bonnet is fully closed and securely latched:
An unsecured bonnet may open while the vehicle is moving, obstructing the driver's view and causing a serious accident.

Do not drive with the bonnet-ajar warning light illuminated:
The bonnet could open unexpectedly, leading to a serious accident.

Opening the Bonnet
The bonnet release handle is located on the lower left-hand side of the centre display panel.

1. With the vehicle stationary, pull the release handle twice in succession. The bonnet will pop up slightly.
   Left-hand drive models



Right-hand drive models



2. Insert your hand into the bonnet opening and raise the bonnet by approximately 40 cm (15.748 in). It will then open fully automatically.



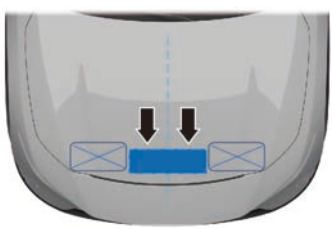
⚠ WARNING

When raising the bonnet, lift it as close to the centre as possible. Lifting only one side may cause interference on the opposite side.

Do not open the bonnet in strong winds, as it may swing open too far and cause injury or damage.

Closing the Bonnet

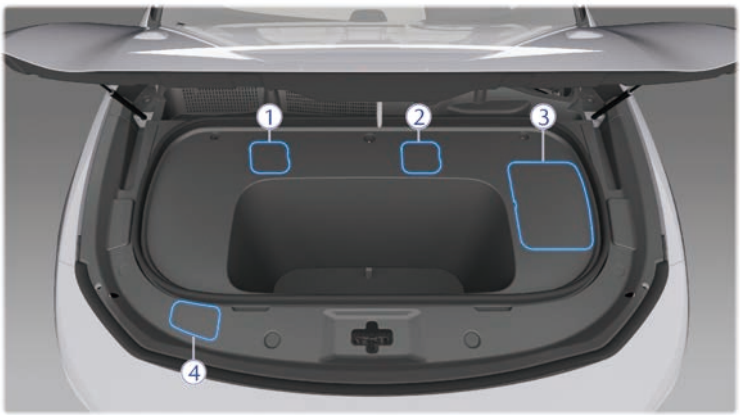
1. Check the motor compartment to make sure that all filler caps are in place and that all loose items (e. g. tools and oil containers) have been removed.
2. Lower the bonnet until it is approximately 20 cm above the top of the front grille. Place both hands on the arrow-marked areas of the bonnet, within 15 cm of the centre line (do not apply pressure elsewhere). Using the palms of your hands, rather than your fingers, press down gently to latch the bonnet. Once the bonnet is latched, lift it slightly to make sure that it is securely engaged.



⚠ WARNING

Do not use excessive force (for example, by leaning on the bonnet) when closing it, as this may deform the bonnet.

▼Motor Compartment Inspection Hatch Cover Diagram



Left-hand drive models

1. Filler cap on the coolant reservoir
2. Brake fluid reservoir filler cap
3. Fuse box access cover
4. Windscreen washer fluid reservoir filler cap

Right-hand drive models

1. Brake fluid reservoir filler cap
2. Filler cap on the coolant reservoir
3. Fuse box access cover
4. Windscreen washer fluid reservoir filler cap

Coolant

▼Coolant

⚠ WARNING

Do not use matches or a naked flame in the motor compartment. Do not add coolant when the EV system is hot.
The electric drive system can become extremely hot and may cause burns. If the electric drive system has been operating, components in the motor compartment may become very hot. You could be burned. Visually check the coolant level in the reservoir, but do not open the reservoir cap.

Check that the coolant level in the reservoir is between the MIN and MAX marks. If the level is below the MIN mark, add coolant until it reaches the MAX mark. Allow the vehicle to cool down before adding coolant to prevent splashing and possible burns from the coolant. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

When adding coolant, use genuine Mazda coolant with a freezing point of -40°C (-40 ℉). Do not mix it with other coolants.

Do not use tap water, river water, well water, mineral water, hard water, or contaminated water instead of coolant.

If coolant splashes into your eyes, rinse them immediately with plenty of clean water. Seek medical attention promptly if irritation persists or symptoms are severe.

▼Inspecting Coolant Level

If the coolant level becomes too low, the vehicle speed will be restricted and the output restriction warning light on the centre display will illuminate. If this occurs, check the coolant level immediately. If the level is below the specified minimum, have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

Inspection procedure:

1. Pull the bonnet release lever located on the lower left-hand side of the driver's area.
2. At the front of the vehicle, release the bonnet latch and lift the bonnet. The bonnet is supported by gas-filled struts.
3. If an inspection hatch is fitted, remove it before carrying out the inspection.

If there is no inspection hatch, remove the compartment trim before carrying out the inspection.

Brake Fluid

▼Brake Fluid

⚠ WARNING

If the brake fluid level is low, have the brake system inspected immediately.
A low brake fluid level is dangerous.

A low level could indicate worn brake linings or a leak in the brake system, which could cause brake failure and result in 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 Scheduled Maintenance information. Have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

The fluid level will decrease as mileage increases. This is normal and is related to wear of the brake linings. If the fluid level is too low, braking performance may be affected. If the brake system warning light appears on the centre display, this may indicate a low brake fluid level. Have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

Before checking the brake fluid level, remove the brake fluid inspection port cover.

Before removing the reservoir cap and adding brake fluid, thoroughly clean the area around the reservoir to prevent contamination. After replacing the brake fluid, always bleed all air from the brake hydraulic system.

⚠ CAUTION

Use only clean, fresh brake fluid from a sealed container. Contamination by dust, water, petroleum products, or other materials may cause damage to the brake system and lead to malfunctions.

When replacing or topping up the brake fluid, use only the specified type of brake fluid. Do not mix different types of brake fluid, as this may reduce braking performance.

⚠ WARNING

Do not allow brake fluid to come into contact with your skin or eyes. If contact occurs, rinse the affected area immediately with plenty of clean water. If irritation persists or symptoms are severe, seek medical attention immediately.

Windscreen and Rear Window Washer Fluid

▼Windscreen and Rear Window Washer Fluid

Check the fluid level in the windscreen washer reservoir regularly and refill it as necessary. When the ambient temperature is below 0°C, use antifreeze washer fluid to prevent freezing.

Use only washer fluid that meets the vehicle specifications and is obtained from a reliable source. Washer fluid that does not meet the vehicle specifications may damage the washer motor, clog the nozzles and cause other malfunctions. If the washer system malfunctions, have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

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 and open flames away from the washer fluid reservoir. Washer fluid is flammable.

Do not add washer fluid while the washer motor is operating or if it is overheated.

Avoid contact with washer fluid. Do not ingest it.

Lubrication

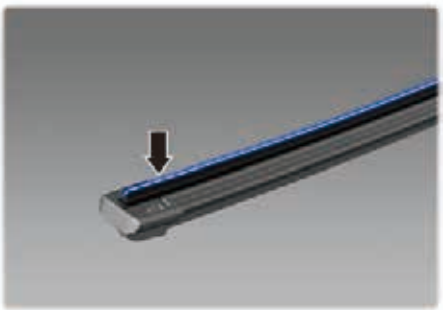
▼Lubrication

Lubricate all moving parts of the bodywork at each oil change, for example door hinges, door locks and the bonnet latch. In cold weather, use an anti-freeze lubricant on the locks.

Wiper Blades

▼Checking Wiper Blades

Run your fingertip along the rubber edge of the wiper blade to check for cracks or roughness.



If the wiper blades do not clean effectively, use a soft sponge dampened with water to clean the rubber inserts. First clean the windscreen and wiper blades with a suitable cleaning agent, then rinse them with clean water. If the windscreen still cannot be cleaned properly after cleaning the windscreen and wiper blades, replace the wiper blades immediately.

NOTE

If there is visible foreign matter on the windscreen or wiper blades, remove it before operating the wipers to avoid damaging the rubber inserts.

In winter, before activating the wipers, completely clear any ice and snow from the windscreen and wipers.

Never use petrol, paraffin, paint thinner or similar solvents to clean the wiper blades.

To avoid damaging the wiper arms or other components, do not bend or twist the wiper arms or blades by hand.

▼Replacing Windscreen Wiper Blades

If the front wiper is no longer cleaning properly, the blade may be worn or cracked and should be replaced.

⚠ CAUTION

- To avoid damaging the windscreen wiper blades, wiper arms or bonnet, follow the procedure below.
  - Always set the wipers to the service position before lifting them off the windscreen.
  - When returning the wiper blades to the windscreen, make sure they are still in the service position. After returning them to the windscreen, deactivate wiper service mode, then

operate the windscreen wipers as usual.

- Use only Mazda Genuine wiper blades for replacement. Non-genuine parts may not provide the same wiping performance or reliability.
- Never force the wiper arms by hand, as this may damage the wiper mechanism.
- Do not bend the rubber insert during replacement, as this may deform the internal metal support and reduce wiping performance.
- Do not hold a wiper blade by its end when raising the wiper arm. Otherwise, the part may deform and wiping performance may be reduced.
- Forcefully lowering the wiper arms could damage the wiper arm and blade, and may scratch or crack the windscreen.

NOTE

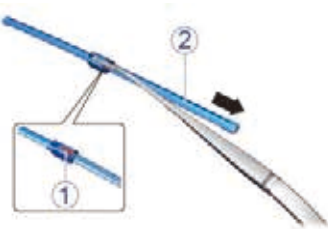
You can replace the wiper blades yourself; however, the wiper arms must be replaced by an expert repairer.

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 the selector lever to P and switch off the wipers.
2. On the centre display, tap "Vehicle Menu → Safety → Wiper Service Mode" to move the wiper blades to the service position.



3. Raise the wiper arm, press the front wiper blade lock tab ①, and simultaneously pull out the front wiper blade ② in the direction of the arrow.



4. Install in the reverse order of removal.
5. Exit wiper service mode, and the wiper blades will automatically return to their original positions.

▼Replacing Rear Window Wiper Blade

If the front wiper is no longer cleaning properly, the blade may be worn or cracked and should be replaced.

⚠ CAUTION

- Do not force the wiper arm by hand, as this may damage the wiper mechanism.

1. Raise the wiper arm.



2. Rotate the wiper blade upwards and downwards about its centre until it unlocks, then remove it.



⚠ CAUTION

- To avoid damage to the rear window, do not allow the wiper arm to fall on the rear window.
- Use only a Mazda Genuine wiper blade for replacement. Non-genuine parts may not provide the same wiping performance or reliability.

3. Install in the reverse order of removal.
4. Exit wiper service mode, and the wiper blades will automatically return to their original positions.

▼Wiper Maintenance Tips

If the vehicle is not used for a prolonged period, the wiper blades may become deformed due to sustained pressure. Slight vibration, unusual noise or reduced wiping performance during the first few operating cycles is normal. These conditions usually disappear after a short period of use.

If the vehicle has been parked for an extended period, raise the wiper arms once before driving so that the blades can return to their normal position. The wiper blades should be nearly perpendicular to the glass. This can reduce the likelihood of deformation of the rubber inserts.

Air Conditioning Filter

▼Air Conditioning Filter

Replace the air conditioning filter every 12 months or every 20,000 km (12,427 mi), whichever comes first. To reduce the likelihood of air conditioning odours, have it replaced by an expert repairer; we recommend an Authorised Mazda Repairer.

Jacking and Lifting

▼Jacking and Lifting

The lifting points are located at the reinforced sections of the side sills, as shown in the illustration.



⚠ CAUTION

Do not lift the vehicle while the charging cable is connected, even if charging is not in progress.

⚠ WARNING

Never work under a vehicle that is not properly supported. Failure to do so may result in vehicle damage, serious injury or death.

⚠ CAUTION

Never lift the vehicle under the battery pack. Position the lift arm pads only at the designated body lifting points. The locations shown are the only approved lifting points for the vehicle.

Lifting the vehicle 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, read the following precautions carefully to ensure safe and correct handling.



Always wear eye protection when working near the 12 V battery.
Working near the 12 V battery without eye protection is dangerous. The electrolyte in the 12 V battery contains sulphuric acid, which can cause blindness if it splashes into your eyes. In addition, hydrogen gas produced during normal battery operation may ignite and cause the battery to explode.



Wear eye protection and protective gloves to avoid contact with battery acid.
Battery fluid is dangerous if spilled.

The electrolyte in the 12 V battery contains sulphuric acid, which can cause serious injury if it comes into contact with your eyes, skin or clothing. If this occurs, immediately flush your eyes with clean water for at least 15 minutes or wash the affected skin thoroughly, and then seek medical attention.



Always keep the 12 V battery out of the reach of children.
Allowing children to play near the 12 V battery is dangerous.

Battery acid can cause severe injury if it splashes into the eyes or onto the skin.



When working near the 12 V battery, keep all flames

and sparks away, and do not allow metal tools to touch the positive (+) and negative (-) terminals. Do not allow the positive (+) terminal to come into contact with the vehicle body.
Flames or sparks near the 12 V battery are dangerous. Hydrogen gas produced during normal operation of the 12 V battery may ignite and cause the battery to explode. An exploding 12 V battery can cause severe burns and serious injury. Keep cigarettes, flames and sparks away from the 12 V battery.



Keep flames and sparks away from the 12 V battery, as hydrogen gas may be produced when the battery is being charged or when battery fluid is being added.
Flames or sparks near the 12 V battery are dangerous. Hydrogen gas produced during normal operation of the 12 V battery may ignite and cause the battery to explode. An exploding 12 V battery can cause severe burns and serious injury. Keep cigarettes, flames and sparks away from the 12 V battery.

NOTE

- The 12 V battery is located on the left-hand side of the luggage compartment. Remove the cover before carrying out 12 V battery maintenance.



- Remove the 12 V battery cover before carrying out maintenance.

▼12 V Battery Maintenance

To ensure that the 12 V battery remains in optimum operating condition:

- Make sure that the 12 V battery is securely installed.
- Keep the top of the 12 V battery clean and dry.
- Keep the battery terminals and connections clean, secure, and coated with petroleum jelly or battery terminal grease.
- If battery acid is spilt, wash it off immediately with water or a solution of bicarbonate of soda.
- If the vehicle will not be used for a long period, disconnect the 12 V battery cables and

recharge the battery every 6 weeks.

▼Self-discharge of the 12 V Battery

The 12 V battery self-discharges. Even when disconnected and stored, its charge may decline significantly over a period of more than two months. The self-discharge rate of the 12 V battery is affected by factors such as temperature and storage conditions.

- Higher temperatures result in a higher self-discharge rate.
- Storage in areas with high humidity and dust will accelerate the self-discharge of the 12 V battery.

▼Methods to Reduce 12 V Battery Self-Discharge

- Make sure that the positive and negative terminals of the 12 V battery are securely connected.
- Keep the surface of the 12 V battery clean.
- If the vehicle will not be used for an extended period, remove the 12 V battery and store it in a dry place at a moderate temperature.
- When the high-voltage system is not activated, avoid using the vehicle's electrical accessories for extended periods.

▼Power Loss of 12 V Battery

The main causes of loss of charge in the 12 V battery are:

- Continuous power consumption by electrical devices, such as anti-theft alarm systems.
- Current leakage caused by poor insulation in vehicle components.
- Current draw and leakage current in the circuit when the negative terminal is not disconnected.
- Use of electrical accessories when the high-voltage system is not activated.

▼Inspection of 12 V Battery

To inspect the 12 V battery using the headlamps as a load and a voltmeter:

Connect the voltmeter to the 12 V battery and read the voltage. Then switch on the headlamps. If the battery voltage remains above 11.5 V and does not drop rapidly, the vehicle can be started after the battery has been charged. If the battery voltage drops rapidly after the headlamps are switched on, the battery needs to be recharged.

▼Battery Replacement

Consult an expert repairer (we recommend an Authorised Mazda Repairer) for 12 V 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 by yourself. Improper battery replacement may damage the key. It is recommended to have the battery replaced at a professional service facility (Mazda authorized service station is preferred).

Tyres

▼Tyres

To ensure optimum performance, safety and fuel efficiency, always maintain the recommended tyre pressures and comply with the specified load limits and weight distribution.

⚠ WARNING

Never mix tyre types:
Fitting different types of tyres to your vehicle can be dangerous. This may impair handling and braking, and may lead to a loss of control of the vehicle.

Always fit the same type of tyre to all four wheels, except for the temporary spare, which is intended for limited use only.

Never fit tyres that do not meet the specified requirements:
Using tyres that do not match the vehicle specifications is dangerous. This can significantly affect ride comfort, handling, ground clearance, tyre clearance and speedometer accuracy.

This could result in an accident. Always use tyres of the size specified for your vehicle.

▼Tyre Maintenance

Avoid driving over or striking large obstacles, such as potholes and kerbs.

Avoid scuffing the tyre sidewalls, and inspect them regularly for damage, embedded objects and uneven wear.

Uneven tread wear may indicate incorrect wheel alignment.

Regularly remove any debris trapped in the tyre tread.

Check the tyre wear indicators once a month, and replace the tyres when the tread is flush with the indicators.

If irregular wear or damage, such as cuts or bulges in the tread or sidewall, is found, replace the tyre immediately.

Check tyre pressure at least once a month to help maintain optimum performance. The pressure difference between the left-hand and right-hand tyres should not exceed 5 kPa (0.05 bar/0.725 psi).

Check the tyre pressures promptly if ambient temperatures change significantly.

Any tyre that has been in service for more than six years should be replaced, even if no visible damage is present.

⚠ WARNING

Do not use excessively worn tyres. Doing so is dangerous and will significantly reduce braking performance, steering response and traction.

Use only tyres and wheels of the same size and type as the original equipment. Using tyres or wheels of a different size or type may compromise vehicle safety and performance, and increase the risk of an accident or injury.

▼Tyre Pressure Checking

Procedure

1. Unscrew the valve cap from the tyre valve.
2. Measure the tyre pressure using a tyre pressure gauge. If the pressure is below the specified cold tyre pressure, inflate the tyre to the correct pressure.
3. If the tyre is over-inflated, press the valve core to release air, then recheck the pressure.
4. Once the pressure is correct, refit the valve cap to prevent dust and moisture from entering the valve and causing air leakage.

⚠ WARNING

Always keep the tyres inflated to the correct pressure:
Over-inflation or under-inflation of the tyres can be hazardous. This may cause poor handling or sudden tyre failure, which could result in a serious accident.

When towing a trailer, adjust the tyre pressures to suit the additional load.

Use only a genuine Mazda tyre valve cap:

Using a non-genuine part is dangerous, as it may not maintain an airtight seal if the valve is damaged. If the vehicle is driven in this condition, tyre pressure may fall, which could lead to a serious accident. Never use a non-genuine tyre valve cap.

Check all tyre pressures once a month when the tyres are cold. Maintaining the correct tyre pressure helps to ensure optimum ride comfort and handling, and minimises tyre wear.

NOTE

- Always check tyre pressure when the tyres are cold.
- Warm tyres often show a higher pressure than the specified cold tyre pressure. Do not

release air from a hot tyre to adjust the pressure.

- Under-inflation can increase fuel consumption, cause uneven and excessive tyre wear, and result in poor bead sealing, which may lead to wheel damage or tyre separation.
- Over-inflation can reduce ride comfort, cause uneven and rapid tyre wear, and increase the risk of tyre damage on poor road surfaces.
- Maintain the correct tyre pressure. If a tyre frequently requires inflation, have it inspected.

▼Tyre Rotation

⚠ WARNING

Ensure that the tyres are rotated regularly:
Uneven tyre wear can be hazardous. To maintain optimum handling and braking performance, rotate the tyres at regular intervals, or sooner if uneven wear is observed.

Ensure that the wheels are correctly balanced when the tyres are rotated.

NOTE

- We recommend having tyre rotation carried out by an Authorised Mazda Repairer.

To promote even tyre wear and prolong tyre life, rotate the tyres every 10,000 km (6,214 mi) after the initial service, following the pattern shown in the illustration. If uneven wear is observed, rotate the tyres sooner.



Also inspect the tyres for signs of uneven wear or damage. Abnormal tyre wear is typically caused by one or more of the following:

- Incorrect tyre pressure
- Incorrect wheel alignment
- Incorrect wheel balance
- Harsh braking

After rotation, check that the front and rear tyre pressures and the wheel nut torque are within the specified ranges. Recalibrate the tyre pressure monitoring system (TPMS) after tyre rotation to ensure correct operation. We

recommend having the vehicle inspected by an Authorised Mazda Repairer.

⚠ CAUTION

Unidirectional tyres, and tyres with an asymmetrical tread pattern or studs, should only be rotated from front to rear, not from side to side. Tyre performance may be impaired if these tyres are rotated from side to side.

▼Tyre Replacement

⚠ WARNING

Always ensure that your tyres are in good condition.
Driving on deflated tyres is extremely dangerous. Under-inflated tyres can impair braking, steering and traction, which may result in an accident.

Replacing the tyres with tyres of a different size, load capacity, speed rating or recommended cold inflation pressure, or mixing radial and bias-ply tyres, may adversely affect braking, traction and steering. It is recommended that all four tyres be replaced at the same time. If this is not possible, replace either both front tyres or both rear tyres as a matched pair.

Replacing only one tyre can significantly affect vehicle handling.

The ABS (Anti-lock Braking System) operates by comparing the speeds of the wheels. Therefore, when fitting replacement tyres, ensure that they are of the same size and construction as the original tyres, as differences may affect wheel speed signals and cause the system to malfunction.

Tread wear indicators appear on the tyres when the tread has worn down to the service limit. If a tread wear indicator is visible, the tyre must be replaced.



The tread wear indicators ① indicate the tread wear limit of the tyre.

The tyre must be replaced when the tread reaches the wear indicators.

If you have any questions, consult an authorised repairer. We recommend an Authorised Mazda Repairer.

⚠ WARNING

Ensure that the correct tyre specifications are used on your vehicle.
Using tyres with incorrect specifications is dangerous. They can impair braking and handling, which may lead to loss of control and an accident.

Correctly balanced tyres provide optimum ride comfort and help to prevent uneven tread wear. Unbalanced tyres can cause vibration and uneven tyre wear, including flat spots on the tread.

▼Winter Tyres

Winter tyres are recommended when driving on icy or snow-covered roads. Winter tyres improve vehicle stability and handling on icy or snow-covered roads. Winter tyres should be fitted when the ambient temperature falls below 7°C. Ensure that the winter tyres are of the same size and construction, and have the same load capacity and speed rating as the original tyres. Also follow the winter tyre manufacturer's specifications for maximum speed and tyre pressure. Failure to do so may adversely affect vehicle safety and handling and increase the risk of an accident or injury.

When the ambient temperature rises above 7°C, summer or all-season tyres should be fitted as soon as practicable.

▼Wheel Replacement

If a wheel is bent, cracked or badly corroded, the tyre may separate from the wheel. Replace the wheel immediately.

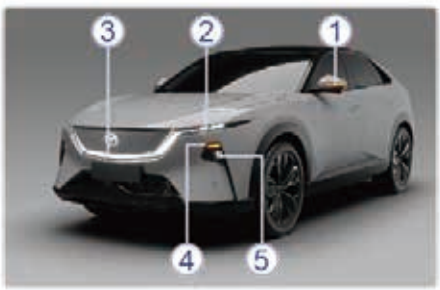
▼Aluminium Wheel Precautions

- Be sure to use the correct wheel nut for the wheel.
- After removing or replacing a wheel, check that the wheel nuts remain tight after driving 1,600 km (994 mi).

Light Units

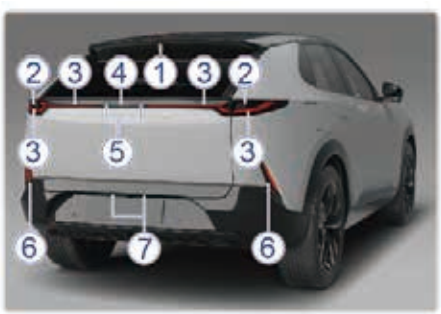
▼Light Units

Front



1. Side direction indicator
2. Daytime running light / Front position lamp
3. Front position lamp
4. Front direction indicator
5. Headlamps (main beam / dipped beam)

Rear



1. High-mount stop lamp
2. Rear direction indicator
3. Rear position lamp / Stop lamp
4. Rear fog lamp
5. Reversing lamp
6. Reflector
7. Number plate lamp

▼Replacing Light Units

All exterior lights are LED units. As the LED unit is integrated, it cannot be replaced separately.

The entire light unit must be replaced. If replacement is required, consult an expert repairer (we recommend an Authorised Mazda Repairer).

Fuses

▼Fuses

A fuse distribution diagram is attached to the inside of the fuse box cover.

Your vehicle's electrical system is protected by fuses.

If any lights, accessories or controls do not work, inspect the appropriate fuse. If a fuse has blown, the element inside it will be melted.

If the same fuse blows again, do not use that system and consult an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

▼Fuses Under the Bonnet

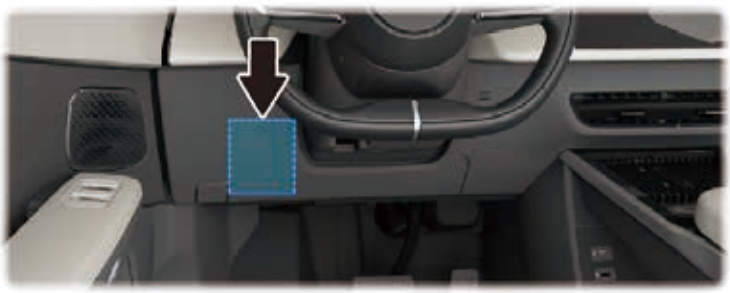
Located on the driver's side under the bonnet.



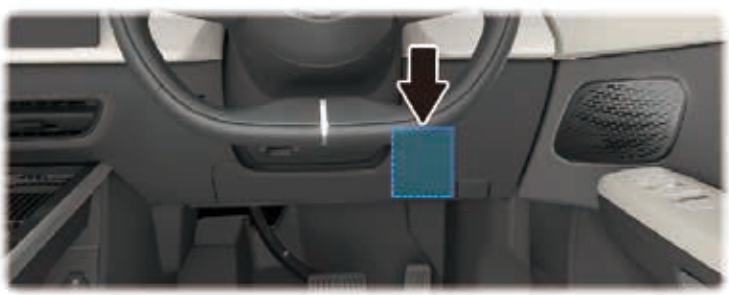
▼Fuses in the Cabin

Located on the driver's side below the centre display panel.

Left-hand drive models



Right-hand drive models

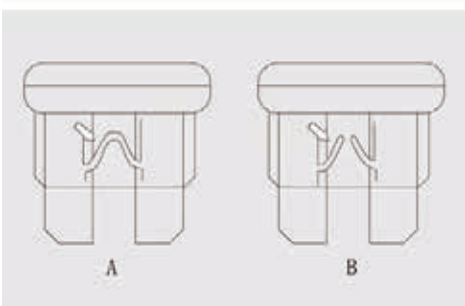


⚠ WARNING

Do not replace the main fuse yourself. Replacing the main fuse yourself is dangerous because it is a high-current fuse. Incorrect replacement could cause electric shock or a short circuit, resulting in a fire. Contact an expert repairer as soon as possible (we recommend an Authorised Mazda Repairer).

▼Fuse Replacement

1. Open the fuse box cover.
2. The fuse puller is located inside the fuse box. Remove the appropriate fuse according to the fuse layout diagram.
3. Check whether the fuse has blown by inspecting the fuse element.
4. Determine the cause of the blown fuse and have the fault rectified if necessary.
5. Insert a new fuse of the same amperage rating and make sure that it fits securely. If it does not fit securely, have it installed by an expert repairer. Consult an expert repairer (we recommend an Authorised Mazda Repairer). If you do not have a spare fuse, use one of the same rating from a circuit that is not essential to vehicle operation, such as the audio or accessory socket circuit.
6. Refit the cover and make sure that it is securely fitted.



A: Normal fuse

B: Blown fuse

⚠ WARNING

Do not modify the vehicle's electrical system in any way. Repairs to the electrical system and replacement of high-current fuses must be carried out by an Authorised Mazda Repairer.

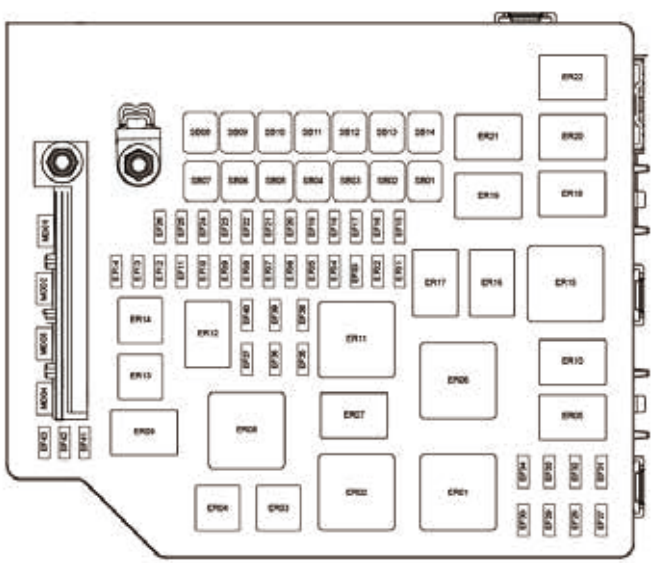
Before replacing a fuse, switch the vehicle off and turn off all electrical equipment.

Always replace it with a Mazda Genuine fuse of the same amperage rating, or an equivalent fuse. Otherwise, the electrical system may be damaged.

If the replacement fuse blows immediately, switch off all electrical equipment and have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

▼Fuse Panel Description

Fuse Box (Motor Compartment)

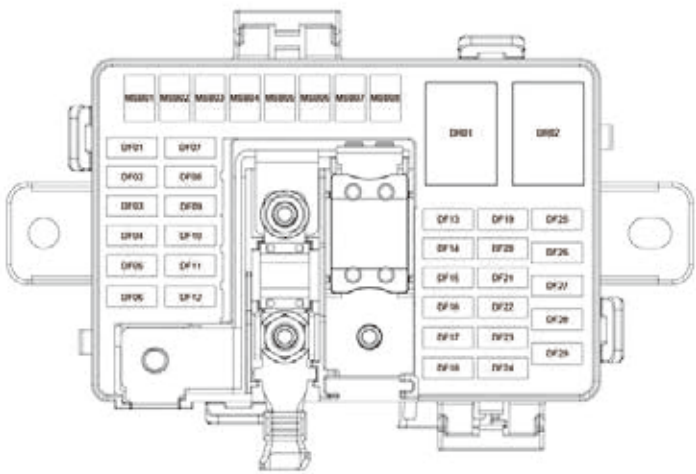


No.	Fuse Rating	Protected Component(s)
MD01	-	-
MD02	70A	Cooling PWM Fans
MD03	-	-
MD04	-	-
SB01	-	-
SB02	30A	Rear Defroster Relay
SB03	-	-
SB04	30A	BDC Power Supply 3 (Left Front/Left Rear Windows)
SB05	40A	Central Integrated Thermal Management Control Unit
SB06	-	-
SB07	-	-
SB08	40A	Blower Relay
SB09	-	-
SB10	-	-
SB11	30A	BDC J8 Power 4 (Right-hand drive models)
SB12	40A	Integrated Brake Module (Left-hand drive models)
SB13	60A	Integrated Brake Motor (Left-hand drive models)
SB14	-	-
EF01	30A	Electric Tow Hook
EF02	10A	EVCC constant power supply
EF03	20A	Rear Wiper Relay
EF04	30A	Front Wiper Relay + Front Wiper Speed Relay
EF05	-	-
EF06	-	-
EF07	7.5A	Lateral Radar Sensors (Life Presence Radar, RL, RR) & MRCC featuring Stop & Go
EF08	10A	EDS2 (Motor Controller IPU)
EF09	10A	EDS2 (OBC Power Supply)
EF10	10A	Traction battery pack

No.	Fuse Rating	Protected Component(s)
EF11	-	-
EF12	15A	Horn Relay
EF13	-	-
EF14	20A	Sunshade
EF15	20A	PCU Relay
EF16	20A	Electric oil pump (electric drive)
EF17	10A	PCU normal power supply
EF18	-	-
EF19	-	-
EF20	-	-
EF21	10A	BDC Power Supply 7, Reversing Lamp, Stop Lamp
EF22	10A	BDC Power Supply 2, Right Daytime Running Light (not centrally powered), Right Dipped Beam (not centrally powered), Side Marker Light (white)/ Welcome PWM Signal, Right Direction Indicator, Rear Position Lamp, High-Mounted Stop Lamp
EF23	15A	BDC Power Supply 6, ECO Power, Steering Wheel Heating, PTC Low Voltage (+), AGS, Cooling Fan IG Power, Electric Compressor
EF24	10A	BDC power supply 9 (LF antenna power supply)
EF25	15A	BDC Power Supply 1, Left Daytime Running Light (not centrally powered), Left Dipped Beam (not centrally powered), Left Rear Fog Light, Side Marker Light (white)/Front Logo Light, Left Direction Indicator, Front Position Lamp, Backlight, Licence Plate Light, Front Full-width Light
EF26	15A	Front/Rear Washer Relay
EF27	-	-
EF28	-	-
EF29	-	-
EF30	-	-
EF31	-	-
EF32	-	-
EF33	-	-
EF34	10A	Heated Door Mirrors

No.	Fuse Rating	Protected Component(s)
EF35	-	-
EF36	-	-
EF37	-	-
EF38	-	-
EF39	-	-
EF40	-	-
EF41	10A	Spare Fuse
EF42	10A	Spare Fuse
EF43	10A	Spare Fuse

Fuse Box (Left Side)



No.	Fuse Rating	Protected Component(s)
SB01	40A	Driver's Seat
SB02	40A	IG1, ACC Relay
SB03	40A	Front Passenger Seat
SB04	60A	Integrated brake control unit (Right-hand drive models)

No.	Fuse Rating	Protected Component(s)
SB05	40A	Integrated brake control unit (Right-hand drive models)
SB06	30A	External Amplifier
SB07	30A	BDC power 4
SB08	30A	Headlamp
DF01	10A	RF Connectors
DF02	10A	Electronic Door Mirrors*
DF03	10A	Diagnostic Interface
DF04	15A	External Relay Box 2
DF05	10A	Bluetooth®, HUD, Display Screen, Window Switches
DF06	10A	Ambient Lighting, Digital Rear-view Mirror*
DF07	10A	PM2.5 Sensor, Rain and Sunlight Sensor, T-BOX, Lane Departure Warning System (LDWS), Alcohol Interlock, Front Passenger Head Restraint
DF08	25A	Connectivity assembly
DF09	15A	External Relay Box 1
DF10	15A	BDC Power Supply 8
DF11	30A	BDC Power Supply 5
DF12	25A	Ventilated and Heated Rear Seats*
DF13	15A	Headlamp (LH)
DF14	15A	Headlamp (RH)
DF15	-	-
DF16	10A	EVCC, Alcohol Interlock
DF17	10A	Rear-view Mirror, Digital Rear-view Mirror*, Electronic Door Mirrors*, Front Passenger Head Restraint
DF18	10A	PCU
DF19	10A	IBCU
DF20	-	-
DF21	15A	Driver's and front passenger lumbar support, ventilation power supply, rear seat ventilation/heating
DF22	5A	Airbag

* Some models

No.	Fuse Rating	Protected Component(s)
DF23	10A	Connectivity assembly, PM2.5 sensor, ion generator, air conditioning control panel, eCall, IG1 feedback current
DF24	10A	EPS
DF25	-	-
DF26	10A	ACC feedback power supply
DF27	10A	USB Power
DF28	15A	12 V power supply
DF29	10A	Wireless Phone Charger (Qi)

Exterior Care

▼Exterior Care

The paintwork on your Mazda incorporates the latest advances in paint composition and application methods.

However, without proper care, environmental hazards can damage the protective properties of the paintwork.

The following are examples of possible damage and tips on how to prevent it.

Etching Caused by Acid Rain or Industrial Fallout

Occurrence

Industrial pollutants and vehicle emissions in the air can mix with rain or dew to form acids. These acids can be deposited on the vehicle's paintwork. As the water evaporates, the acid becomes concentrated and can damage the paintwork.

The longer the acid remains on the surface, the greater the risk of damage.

Prevention

To preserve the finish, wash and wax the vehicle in accordance with the instructions in this section.

Take these steps as soon as you suspect that acid rain has settled on the vehicle's finish.

Damage Caused by Bird Droppings, Insects or Tree Sap

Occurrence

Bird droppings contain acids. If not removed promptly, they can damage the vehicle's clear coat and primer.

When insects adhere to the paintwork and decay, corrosive compounds can form. If not removed promptly, they can damage the vehicle's clear coat and primer.

Tree sap will harden and adhere firmly to the paintwork. If the tree sap is allowed to harden, scraping it off may remove some of the paintwork.

Prevention

To protect the paintwork, wash and wax the vehicle in accordance with the instructions in this section. The vehicle should be washed and waxed as soon as possible.

Remove bird droppings using a soft sponge and water. If a soft sponge and water are not available, use a dampened paper towel to remove the bird droppings as soon as possible.

Apply wax to the cleaned area as described in this section.

Insects and tree sap are best removed using a soft sponge and water or a commercially available cleaner.

Another method is to place dampened paper over the affected area and leave it in place for one to two hours. After removal, rinse off any remaining residue with water.

Water Marks

Occurrence

Rain, fog, dew and even tap water may contain minerals such as salts and lime. If water containing these minerals remains on the vehicle and evaporates, the minerals can concentrate and harden, forming white marks. These marks can damage the vehicle's paintwork.

Prevention

To preserve the finish, wash and wax the vehicle in accordance with the instructions in this section.

Take these steps as soon as water marks are found on the vehicle's finish.

Paint Chipping

Occurrence

Paint chipping can occur when gravel thrown up by another vehicle's tyres strikes your vehicle.

How to Avoid Paint Chipping

Keeping a safe distance from the vehicle ahead reduces the risk of paint chipping caused by flying gravel.

NOTE

- The extent of paint chipping varies with vehicle speed. For example, at 90 km/h (55.923 mph), gravel may be thrown up from as far as 50 m (164.042 ft) ahead.
- At lower temperatures, the paintwork becomes harder. This increases the likelihood of paint chipping.
- Damaged paintwork can lead to rust on the vehicle body. Repair any paint damage with Mazda touch-up paint as described in this section before rust develops. If left unrepaired, the affected areas may develop severe rust and require costly repairs.

When using chemical detergents or polishes, follow the instructions on the product labels and containers. Read all warnings and cautions carefully.

▼Paint Maintenance

Washing

⚠ CAUTION

- Always follow the procedure for moving the windscreen wiper blades before lifting them away from the front windscreen. Otherwise, the wiper blades, wiper arms or bonnet may be damaged.

  For instructions on moving the windscreen wiper blades to the service position, refer to the "Replacing Windscreen Wiper Blades" section.

- When the vehicle is switched on and the wiper control lever is in the AUTO position, the windscreen wipers may operate automatically in the following situations:
  - If the area of the windscreen above the rain sensor is touched or wiped with a cloth.
  - If the windscreen or the area around the rain sensor inside the vehicle is struck.
- When the vehicle is in the ON position and the wiper control knob is in the AUTO position, do not touch the windscreen or the windscreen wipers. Otherwise, the windscreen wipers may operate automatically, which could result in fingers being trapped or the wipers being damaged.

  When de-icing, removing snow from, or cleaning the windscreen, always ensure that the wiper control knob is in the OFF position.
- Do not spray water in the motor compartment. Otherwise, electrical components may be damaged.
- When washing and waxing your vehicle, do not apply excessive force to any part of the roof. Failure to do so may dent the roof panel.
- Make sure that the charge lid is closed and that the doors are locked. Otherwise, water pressure may force the charge lid open, 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, using cold or lukewarm water.

If the vehicle is not washed correctly, the paintwork may be scratched. The following are examples of how the paintwork may be scratched.

Scratches may occur on the paint surface in the following situations:

- The vehicle is washed without first rinsing off dirt and other foreign matter.
- The vehicle is washed using a rough, dry or dirty cloth.
- The vehicle is washed using brushes that are dirty or too stiff.
- Abrasive cleaners or waxes 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 minimise scratches to the vehicle's paint finish:

- Rinse off any dirt or other foreign matter using cold or lukewarm water before washing.
- Wash the vehicle using plenty of cold or lukewarm water and a soft cloth. Do not use nylon cloths.
- 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 cleaners or waxes containing abrasives.

⚠ CAUTION

➢ Do not use steel brushes, abrasive cleaners, highly alkaline cleaners or caustic agents to clean chrome-plated or aluminium parts. These may damage the paint protection film, and some cleaners may cause discolouration or corrosion.

Pay special attention to removing salt, dirt, mud and other foreign matter from the underside of the wings, and make sure that the drain holes in the lower edges of the doors and sills are clean.

Insects, tar, tree resin, bird droppings, industrial dust and similar deposits may damage the finish if they are not removed promptly. If cleaning with water is ineffective, use a neutral detergent.

After cleaning, thoroughly rinse off the detergent using cold or lukewarm water. Do not allow soap to dry on painted surfaces.

After washing the vehicle, dry it with a clean chamois leather to prevent water spots from forming.

⚠ WARNING

To dry the brakes, drive slowly, release the accelerator pedal and lightly apply the brakes several times until braking performance returns to normal.
Driving with wet brakes is very dangerous. Increased braking distances or the vehicle pulling to one side while braking can cause a serious accident. A light press on the brake pedal will indicate whether braking is affected.

When using an automatic car wash:

- Fold in the door mirrors.
- The brushes in an automatic car wash may reduce the paint lustre or accelerate paint deterioration.

When using a high-pressure car wash:

The suitability of a high-temperature, high-pressure car washing device depends on the specific model. If the nozzle is held too close to the vehicle, the pressure of the spray may damage or deform trim parts, impair the seals and allow water to enter. Keep enough space (30cm (11.811 in) or more) between the nozzle and the vehicle. Also, do not spray the same area of the vehicle for too long, and take particular care when spraying around door gaps and windows.

Waxing

Your vehicle should be waxed when water no longer beads on the paintwork. Always wash and dry the vehicle before waxing. In addition to the bodywork, apply wax to bright metal trim to maintain its shine.

1. Use a wax that contains no abrasives.
   Waxes containing abrasives may remove paint and damage bright metal trim.
2. Use a high-quality natural wax for metallic, mica and solid colours.
3. Apply the wax evenly using the supplied sponge or a soft cloth.
4. Wipe off the wax with a soft cloth.

NOTE

Stain removers used to remove oil, tar and similar substances will usually remove the wax as well. Reapply wax to any areas treated with stain remover, even if the rest of the vehicle does not require waxing.

▼Repairing Paint Damage

Before rust begins to form, use Mazda touch-up paint to repair

paint damage caused by stone chips, parking damage and similar minor damage. First, remove any dirt and grease with a clean, soft cloth.

If rust has begun to form:

1. Use sandpaper to remove all rust.
2. Wipe the area with a clean, soft cloth.
3. Apply a rustproof primer to the area.
4. After the primer has dried, apply a suitable top coat to the area.

Alternatively, have the repair carried out by a qualified repairer. We recommend an Authorised Mazda Repairer.

▼Underbody Protection

The vehicle body is treated at the factory for protection; however, additional protective treatment after the vehicle is put into service will help extend its service life.

For further advice, consult an expert repairer. We recommend an Authorised Mazda Repairer.

▼Bright Metal Maintenance

- Use a tar remover to remove road tar and insect remains. Do not use a knife or any similar tool to remove tar.
- To help prevent corrosion of bright metal surfaces, apply wax or a chrome preservative, then buff the surfaces to a shine.
- In cold weather or in coastal areas, apply a thicker-than-usual coat of wax or preservative to bright metal surfaces. The use of non-corrosive petroleum jelly or another protective compound may also help protect the coating.

⚠ CAUTION

Do not use steel brushes, abrasive cleaners, highly alkaline cleaners or caustic agents to clean chrome-plated or aluminium parts. These may damage the protective film and cause discolouration or corrosion.

▼Undercoating

This special coating is applied to critical areas on the underside of the vehicle to protect it from damage caused by chemicals and stone impacts. This coating may become damaged over time. Inspect this coating periodically.

If repairs are required, consult an expert repairer. We recommend an Authorised Mazda Repairer. They are trained to carry out these repairs correctly.

▼Aluminium Wheel Maintenance*

A protective coating is applied to the surface of the aluminium wheels. Special care is required to protect the coating.

⚠ CAUTION

Do not use any cleaning agents other than neutral cleaners. Before using any cleaner, check its ingredients. Otherwise, the aluminium wheels may become discoloured or stained.

NOTE

- Do not use wire brushes, abrasive cleaners, polishing compounds or solvents on the aluminium wheels. These may damage the coating.
- Always use a sponge or a soft cloth to clean the wheels. Thoroughly rinse the wheels with warm or cold water. In addition, after driving on dusty or salt-treated roads, wash the wheels to help prevent corrosion.
- Avoid using an automatic car wash that uses high-speed or stiff brushes.
- If the aluminium wheels lose their shine, apply a wax that does not contain abrasive polishing compounds.

▼Plastic Part Maintenance

- When cleaning the plastic light covers, do not use petrol, kerosene, alcohol, paint thinners, highly concentrated alcohol or strong alkaline detergents. Otherwise, these chemicals may discolour or damage the surface and impair its function. If plastic parts come into contact with any of these chemicals unintentionally, rinse them immediately with water.
- If plastic parts, such as bumpers, come into contact with chemicals unintentionally (for example petrol, oil, coolant or battery electrolyte), discolouration, staining or paint peeling may result. This may cause discolouration, staining or paint flaking. Immediately wipe off any chemicals or test solutions with a soft cloth.
- The suitability of a high-temperature, high-pressure car washing device depends on the specific model. If the car washer nozzle is held too close to the vehicle or directed at one area for too long, it may deform plastic parts or damage the finish.
- Do not use waxes containing polishing compounds. Failure

* Some models

to do so may damage the top coat.

- Do not use power or pneumatic tools to apply wax. Otherwise, the frictional heat generated may deform plastic parts or damage the finish.

Interior Care

▼Interior Care

⚠ WARNING

Do not spray water inside the cabin:
Spraying water inside the cabin is dangerous because electrical components, such as the audio system and switches, could get wet, causing a malfunction or vehicle fire.

NOTE

- Do not wipe the interior of the vehicle with alcohol, chlorine bleach or organic solvents such as thinners, benzene or petrol. Otherwise, interior surfaces may become discoloured, stained or damaged.
- Rubbing hard with a stiff brush or cloth may cause damage.

Promptly wipe off any of the following substances with a soft cloth. Allowing them to remain may cause permanent discolouration, staining or damage to coated surfaces, making subsequent cleaning difficult:

- Beverages or fragrances
- Grease or oil
- Dirt or other contamination

▼Seat Belt Maintenance

1. Clean the soiled area by lightly dabbing it with a soft cloth soaked in a mild detergent solution (approximately 5% detergent diluted with water).
2. Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.
3. Before allowing seat belts that have been pulled out for cleaning to retract, dry them thoroughly and make sure no moisture remains.

⚠ 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 in such a condition, it may not function fully, which could result in serious injury or death.

Use a mild detergent to remove soiling from a seat belt.
Do not use organic solvents to clean seat belts. If a seat belt becomes stained or bleached, it may be weakened and may not function fully, which could result in serious injury or death.

NOTE

If a seat belt is dirty, clean it carefully. If it is not cleaned promptly, it may become more difficult to clean and may interfere with smooth seat belt retraction.

▼Plastic Trim Maintenance

1. Remove dust and sand using a vacuum cleaner.
2. Wipe the soiled area with a soft cloth moistened with a mild detergent solution (approximately 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 soiled area by lightly dabbing it with a soft cloth soaked in a mild detergent solution (approximately 5% detergent diluted with water).
2. Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.

▼Leather Trim Maintenance

1. Remove dust and sand using a vacuum cleaner.

2. Wipe the soiled area with a soft cloth and a suitable leather cleaner, or with a soft cloth soaked in a mild detergent solution (approximately 5% detergent diluted with water).
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 dry completely in a well-ventilated, shaded area. If the leather gets wet, for example from rain, remove the moisture and dry it as soon as possible.

NOTE

- Genuine leather is a natural material, so its surface may not be uniform and may show natural marks, scratches and wrinkles.
- To maintain its quality for as long as possible, periodic maintenance is recommended, approximately twice a year.
- Clean the leather upholstery immediately if it comes into contact with any of the following substances. Failure to do so may lead to staining, mould or premature wear:
    - Sand or dirt
    - Grease or oil, such as hand cream
    - Alcohol, such as that found in cosmetics or hairdressing products
- If the leather upholstery gets wet, remove the moisture promptly with a dry cloth. Remaining moisture on the surface may cause deterioration, such as hardening and shrinkage.
- Prolonged exposure to direct sunlight may cause deterioration and shrinkage. When parking the vehicle in direct sunlight for long periods, use sunshades to protect the interior.
- Do not leave vinyl products on the leather upholstery for long periods. They may affect the quality and colour of the leather. If the cabin becomes hot, the vinyl may deteriorate and stick to the genuine leather.

▼Plastic Part Maintenance

⚠ CAUTION

Do not use polishing agents. Depending on the composition of the product, it may cause fading, staining, cracking or peeling of the coating.

▼Dashboard Top (Upholstery) Maintenance

The upholstered surface is made of extremely soft material. If the upholstery surface is rubbed vigorously with a dry cloth, it may be damaged and white scratches may appear.

1. Wipe the soiled area with a soft cloth moistened with a mild detergent solution (approximately 5%) diluted with water.
2. Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.

▼AR-HUD (Augmented Reality Head-Up Display) Maintenance

The dust-proof sheet has a surface coating. When cleaning, do not use hard or rough cloths or any cleaning agents. In addition, if chemical solvents get onto the AR-HUD, wipe them off immediately. The dust-proof sheet may be damaged and its surface coating may be scratched. Use a fine, soft cloth, such as one used to clean spectacles.

NOTE

The use of compressed air is recommended for cleaning the dust-proof sheet.

▼Panel Maintenance

If the panel becomes dirty, wipe it with a soft cloth moistened with water and wrung out well.

If certain areas need further cleaning, use the following procedure:

1. Wipe the soiled area with a soft cloth moistened with a mild detergent solution (approximately 5%) diluted with water.
2. Wipe off the remaining detergent using a cloth soaked in clean water and wrung out well.

NOTE

Be especially careful when cleaning glossy panels and metal parts, such as plated trim, as they can be scratched easily.

▼Cleaning the Window Interiors

If the windows are covered with oil, grease, or a film of wax, clean them with a glass cleaner. Follow the instructions on the detergent container.

CAUTION

- Do not scratch or rub the inside surface of the window glass. Doing so may damage the window heating element and aerial.
- When cleaning the inside of the window glass, gently wipe the heating element and aerial with a soft cloth dampened with lukewarm water. Glass cleaner can damage the heating element and aerial.

Disposal of Used Parts

▼Disposal of Discarded Parts

Used parts must be disposed of properly. Dispose of used parts properly in accordance with local regulations.

- Burning tyres produces toxic fumes. Do not dispose of used tyres by burning them. Contact the authorised service technician who supplied or fitted your new tyres to arrange disposal of the old tyres.
- 12 V batteries contain lead and sulphuric acid. Contact the authorised service technician who supplied or fitted your new 12 V battery to arrange disposal of the old battery.
- If oil or other fluids (such as brake fluid and coolant) are spilled onto the ground or into rivers, they can harm the environment. Contact the authorised service technician who supplied the new oil to arrange disposal of the used oil. Also contact an authorised service technician for coolant replacement and disposal.
- The refrigerant used in the air conditioning system does not deplete the ozone layer. However, refrigerant released during servicing or replacement still contributes to global warming. Consult an authorised repairer for A/C inspection and repair to help prevent refrigerant from being released into the atmosphere.
- The high-voltage battery is a high-voltage component. Improper disassembly may cause electric shock, serious injury or death, and environmental pollution. For disposal of used high-voltage batteries, contact an authorised repairer.
- If you are unsure how to dispose of other used parts, consult an authorised repairer. We recommend an Authorised Mazda Repairer.

▼Information for Users on Collection and Disposal of Old Equipment and Used Batteries

When disposing of an old battery, refer to the following information.

Information on Disposal in the European Union



Environmental Protection

The symbols on the product, packaging and/or accompanying documentation shown above mean that used electrical and electronic products and batteries must not be disposed of with general household waste. For the proper handling, recovery and recycling of used products and batteries, take them to the appropriate collection points in accordance with national legislation and Directive 2006/66/EC.

By disposing of these products and batteries correctly, you will help to conserve valuable resources and prevent potential negative effects on human health and the environment that could otherwise arise from inappropriate waste handling.

For more information about the collection and recycling of old products and batteries, contact your local authority, waste disposal service or the point of sale where you purchased the items.

NOTE



Where the symbol shown above appears, it indicates that the product contains the chemical concerned in accordance with the Directive. Pb and Cd denote lead and cadmium respectively.

Information on Disposal in Other Countries Outside the European Union

The above symbols are valid only within the European Union. If you wish to dispose of old products and used batteries, contact your local authority, waste disposal service or an authorised service centre for advice on the correct disposal method.

7 If Trouble Arises

The following information explains what to do if a problem arises with the vehicle.

Emergency Call System..... 7-2

Emergency Call System*..... 7-2

Parking in an Emergency.....7-12

Parking in an Emergency.... 7-12

Flat Tyre.....7-14

Tool Storage..... 7-13

Emergency Flat Tyre Repair 7-14

Depleted 12 V Battery..... 7-17

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Emergency Towing.....7-22

Towing Point..... 7-22

Other Precautions.....7-24

Roadside Assistance and Vehicle Recovery.....7-25

Warning/Indicator Lights and Warning Sounds..... 7-28

If a Warning Light Illuminates or Flashes..... 7-28

* Some models

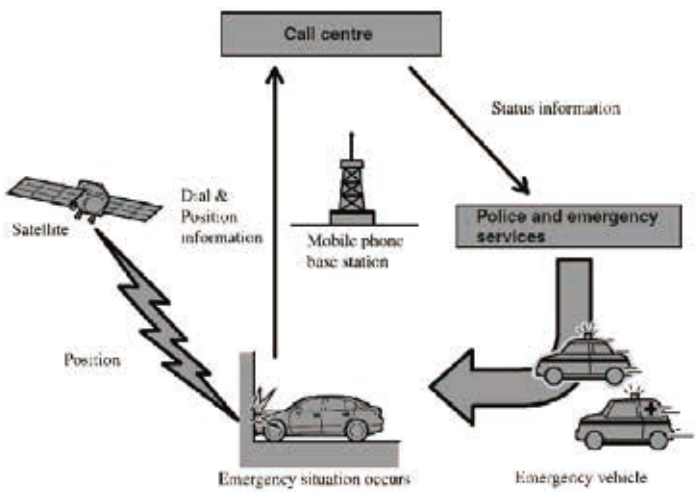
Emergency Call System*

▼Emergency Call System

In an emergency, such as an accident or sudden illness, the emergency call system automatically contacts the call centre, or the user can contact the call centre manually.

The triggering process and logic are illustrated below:

The Emergency Call System (eCall) uses the vehicle's satellite positioning system to obtain its location. After an accident, the sensors trigger an automatic alert, or the user can manually initiate an emergency call. While voice communication is being established, information such as the vehicle location, direction of travel, registration number, and vehicle model is automatically sent to the rescue centre as the MSD (Minimum Set of Data).



Information On Data Processing

Any processing of personal data via the in-vehicle emergency call system shall comply with the personal data protection rules set out in Regulation (EU) 2015/758 of the European Parliament and of the Council.

* Some models

Privacy Protection

The in-vehicle emergency call system is designed so that data stored in its memory is not accessible outside the system before an emergency call is triggered.

During normal operation, the system cannot be traced and is not subject to continuous tracking.

Data held in the system's internal memory is deleted automatically and continuously.

How to Exercise the Data Subject's Rights

- The data subject (vehicle owner) has the right to access their data and, where appropriate, to request the rectification, erasure, or restriction of data processed in breach of Directive 95/46/EC. Any third parties to whom the data have been disclosed must be notified of such rectification, erasure, or restriction, unless this proves impossible or would require a disproportionate effort.
- The data subject may lodge a complaint with the competent data protection authority if they consider that their rights have been infringed as a result of the processing of their personal data.

Requesting Data Protection

For data protection requests, please contact your local Mazda organisation. Relevant contact details are provided in the Privacy Statement on your country-specific web page.

Visit https://www. mazda. eu to find your country-specific web page.

Emergency Call System

▼Emergency Call Switch (SOS)

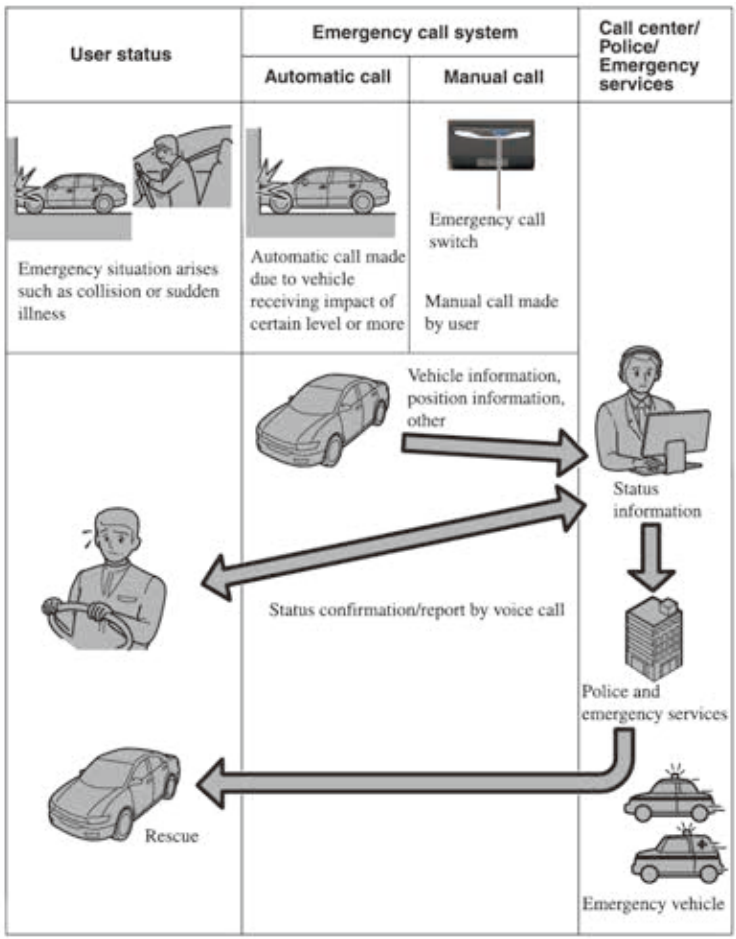


① Emergency call switch

In the event of an accident, press the Emergency Call Switch (SOS) on the front reading light panel to make an emergency call.

If the vehicle experiences an impact above a specified threshold, an emergency call will be triggered automatically.

Emergency Call System Operation



CAUTION

Do not make emergency calls unnecessarily or repeatedly.

If the emergency call system malfunctions, consult a suitably qualified repairer (we recommend an Authorised Mazda Repairer).

▼Components of the Emergency Call System



① Emergency call switch

⚠ CAUTION

- Do not dismantle the emergency call system. Doing so may damage the system and prevent it from operating in an emergency.
- The emergency call system is equipped with a dedicated built-in battery so that it can operate even if the vehicle power supply is interrupted (for example, in a collision). Observe the following precautions. Incorrect use may prevent the system from operating:
  - If the built-in battery charge becomes low due to natural discharge, and the system detects a fault, the emergency call system may be unavailable.
  - If a fault is detected, the red indicator light in the emergency call switch illuminates to notify the driver. Have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

NOTE

- The emergency call system can make emergency calls either automatically or manually.
- The emergency call system may be unable to connect under the following conditions or in certain operating environments. If the system does not connect, use another telephone, such as the nearest available public telephone, to make an emergency call:
  - The vehicle is outside mobile network coverage.
  - The vehicle is in an area with poor signal reception (for example, inside tunnels, in underground car parks, in the shadow of buildings, or in mountainous areas).
  - The severity of the collision does not exceed the system's activation

threshold, even if an accident has occurred.

- The emergency call system is damaged in a very severe collision.
- GNSS position information cannot be obtained if signals cannot be received from satellites; however, a voice call may still be possible.

- It may take some time for the call centre to respond after the emergency call system is activated.
- If you are unable to respond to the operator's questions after the voice call begins, the operator may initiate emergency procedures at their discretion.
- If you have difficulty hearing the operator, your voice may still be heard by the call centre operator. Continue describing your situation.
- A voice call may not be possible if the speaker or microphone is damaged. If this occurs, have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
- The emergency call system may not operate correctly outside the following temperature range. If the system does not operate normally, use another telephone, such as the nearest available public telephone, to make an emergency call:

  Operating temperature range: –40 °C (–40 °F) to 85 °C (185 °F)

Automatic Emergency Call

If the vehicle experiences an impact above a specified threshold in a collision, vehicle information is automatically sent to the call centre.

⚠ CAUTION

After an automatic emergency call, the back-up battery may be depleted. If another emergency occurs, a further emergency call may not be possible.
After an automatic emergency call has been made, have the back-up battery replaced by a suitably qualified technician (we recommend an Authorised Mazda Repairer).

NOTE

- An automatic emergency call cannot be cancelled by the user.
- Only the call centre can end the emergency call.

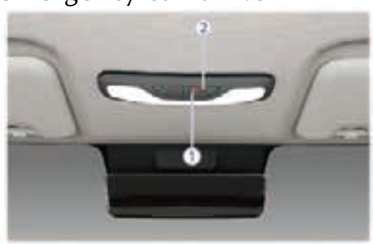
- If the vehicle experiences an impact above the specified threshold in a collision, an automatic emergency call is made even if the airbags do not deploy.
- If a call is disconnected, or if a call cannot be connected to the call centre properly, the system automatically attempts to redial the call centre up to 10 times within 30 minutes.

1. Following a collision that exceeds the activation threshold, the emergency call system operates automatically.
2. The green indicator light on the emergency call switch flashes slowly and a beep sounds, indicating that a call is being placed to the call centre.



① Green indicator light

3. Once the connection with the call centre has been established, the green indicator light continues to flash slowly and vehicle information begins to be transmitted.
4. When the connection is established, a beep sounds and a voice call with the call centre begins.
5. If the connection fails, you can make a manual emergency call using the emergency call switch.



① Green indicator light (flashing)
② Red indicator light (on)

Manual Emergency Call

Press and hold the emergency call switch. When you release the emergency call switch, vehicle information is automatically transmitted to the call centre.

NOTE

- Make a manual emergency call only in situations requiring urgent assistance, such as serious illness or injury.
- If you need to make a manual emergency call, stop

the vehicle in a safe place before placing the call.

- Only the call centre can end the emergency call.
- If a call is disconnected, or if a call cannot be connected to the call centre properly, the system automatically attempts to redial the call centre up to 10 times within 30 minutes.

1. Press and hold the emergency call switch on the overhead console, then release it.



① Emergency call switch

2. The green indicator light on the emergency call switch flashes slowly and a beep sounds, indicating that a call is being placed to the call centre.



① Green indicator light

3. Once the connection with the call centre has been established, the green indicator light continues to flash slowly and vehicle information begins to be transmitted.
4. When the connection is established, a beep sounds and a voice call with the call centre begins.
5. If the connection fails, make the manual emergency call again.



① Green indicator light (flashing)
② Red indicator light (on)

NOTE

If a call to the call centre cannot be connected even though the indicator light indicates that a call can be made, contact the police or other appropriate emergency service by means other than the emergency call system.

▼Indicator Light / Beep Sound

The indicator light illuminates/flashes and beeps sound to notify the driver of the system operating status or of a system fault.

Status	Indicator light			Beep sound	Illumination/flashing conditions
	Green	Red (SOS button backlight)	Flash interval		
Self-check	Flashing	Illuminates	Rapid (0.5-second intervals)	-	When the power is switched on, the red indicator illuminates and the green indicator flashes while the system performs a self-check. **NOTE** A manual emergency call cannot be made during the self-check.
Normal	Illuminates	Illuminates	-	-	The system is operating normally.
eCall major fault	Does not illuminate	Illuminates	-	-	**⚠ CAUTION** If the indicator light does not illuminate, the system may not operate correctly. Have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
eCall minor fault	Flashing	Illuminates	Slow (2-second intervals)	-	**⚠ CAUTION** If the system cannot operate normally, have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.

Status	Indicator light			Beep sound	Illumination/flashing conditions
	Green	Red (SOS button backlight)	Flash interval		
eCall system fault	Does not illuminate	Does not illuminate	-	-	• A system malfunction has been detected. • The built-in battery charge is low. **⚠ CAUTION** If the indicator light does not illuminate, the system may not operate correctly. Have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer) as soon as possible.
Call in progress with the call centre	Flashing	Illuminates	Slow (1-second intervals)	One beep	An emergency call is being made by the emergency call system.
Vehicle information is being transmitted	Flashing	Illuminates	Slow (1-second intervals)	-	Vehicle information is being transmitted to the call centre.
Start of voice call	Flashing	Illuminates	Slow (1-second intervals)	One beep	A voice call with the call centre is in progress.
Waiting for a callback from the call centre	Flashing	Illuminates	Very slow (on for 2.5 s, off for 2.5 s)	-	Waiting for a callback from the call centre (for up to approximately 1 hour)

Parking in an Emergency

▼Parking in an Emergency

Always switch on the hazard warning flashers when stopping on or near the road in an emergency.



The hazard warning flashers alert other road users that your vehicle is causing a traffic hazard, and that they should approach with caution.

Press the hazard warning light switch and all direction indicators will flash. The hazard warning indicator on the centre display will flash at the same time.

NOTE

- The direction indicators cannot be used separately while the hazard warning flashers are on.
- Ensure that you comply with local regulations on the use of hazard warning flashers while the vehicle is being towed.

Tool Storage

▼Tool Storage

The tools are stored in the location shown in the illustration.



1. Tow hook
2. Emergency tyre repair kit

The on-board tools are usually stored in the toolbox behind the carpet trim. Lift the carpet trim to access the tools. On some models, the tools may be placed directly on the carpet trim. Refer to your vehicle for details.

Emergency Flat Tyre Repair

▼Emergency Flat Tyre Repair

The tyre sealant supplied with your Mazda is designed to temporarily repair tyres with minor punctures caused by nails or similar sharp objects.

Carry out the emergency repair without removing the nail or other object that has punctured the tyre.

⚠ WARNING

Keep the tyre sealant out of the reach of children.

- Swallowing tyre sealant may be harmful. If swallowed, drink plenty of water and seek medical attention immediately.
- Contact with the eyes or skin may cause irritation. If tyre sealant gets into the eyes or onto the skin, rinse immediately with plenty of water and seek medical attention.

NOTE

- The tyre sealant is not reusable.

  Consult a qualified repairer. We recommend an Authorised Mazda Repairer.
- Do not use the tyre sealant in the following circumstances:

  Consult a qualified repairer. We recommend an Authorised Mazda Repairer.
  - The tyre sealant has passed its expiry date. (The expiry date is shown on the bottle label.)
  - The cut or puncture is more than approximately 6 mm (0.236 in) in size.
  - The damage is outside the tyre tread area.
  - The vehicle has been driven with the tyre severely under-inflated.
  - The tyre has come off the wheel rim.
  - The wheel rim is damaged.
  - There is more than one puncture in the tyre.

▼About the Emergency Flat Tyre Repair Kit

<u>Preparing to Park</u>

If the tyre is punctured by a nail or other foreign object and the hole is 6 mm (0.236 in) or less in diameter, drive carefully to a safe place and carry out an emergency repair. Follow the steps below:

1. Switch on the hazard warning flashers.

2. Move the vehicle carefully away from traffic and stop in a safe place.
3. Apply the electric parking brake.
4. Shift the selector lever to the P position.
5. Switch off the vehicle.

Preparing the Tools

Take the tyre repair kit and warning triangle out of the luggage compartment.

▼Using the Emergency Flat Tyre Repair Kit

⚠ CAUTION

If the bottle is shaken after the injection hose has been fitted, tyre sealant may squirt out of the hose. This may permanently stain clothing or other objects. Ensure that the bottle is shaken before securing the injection hose.

If the spool is removed while the tyre is still pressurised, it may be ejected forcefully. Ensure that the spool is depressurised and checked thoroughly before removal.

1. Shake the tyre sealant bottle thoroughly before use, then remove the safety cap from the tyre repair tool.



2. Align the tyre repair tool connector with the valve stem and tighten it securely.



3. Press the switch. Once the sealant has been injected, remove the repair tool.



4. Drive the vehicle immediately for a short distance to allow the sealant to spread and complete the temporary repair. For

optimum results, drive for at least 10 km (6.214 mi).

NOTE

After an emergency repair using tyre sealant, have the tyre replaced as soon as possible. For further repair advice, consult an Authorised Mazda Repairer.

⚠ WARNING

Emergency tyre repair is a temporary measure only. After carrying out the repair, do not exceed 80 km/h (49.71 mph).

⚠ CAUTION

When using tyre sealant, air will also be pumped into the tyre. If the tyre pressure remains low after driving for a short distance, the sealant has not sealed the puncture. Stop the vehicle in a safe place and contact an Authorised Mazda Repairer for assistance.

Jump-starting

▼Jump-starting

Jump-starting can be hazardous if not performed correctly. Follow the procedure carefully. If you are unsure how to jump-start the vehicle, have a qualified service technician carry out the procedure.

⚠ WARNING



Observe the following safety precautions:



Always wear protective goggles when working near the 12 V battery.

Working without protective goggles is dangerous. Battery acid contains sulphuric acid. If it splashes into your eyes, it may cause blindness. In addition, hydrogen gas produced during normal battery operation may ignite and cause the battery to explode.



Always wear protective goggles and gloves to prevent contact with battery acid.

Splashing 12 V battery acid is dangerous. Battery acid contains sulphuric acid, which can cause serious injury if it gets into your eyes or comes into contact with your skin or clothing. If this happens, immediately flush your eyes with clean water for at least 15 minutes or wash the affected skin thoroughly, then seek medical attention.

Depleted 12 V Battery



Keep children away from the 12 V battery.
Do not allow children to play near the 12 V battery. If battery acid gets into the eyes or comes into contact with the skin, serious injury may result.



When working near the 12 V battery, keep all flames and sparks away, and do not allow metal tools to touch the positive (+) and negative (-) terminals. Do not allow the positive (+) terminal to come into contact with any metal part of the vehicle.
This is dangerous because it may cause a short circuit and create sparks near the battery. Hydrogen gas produced during normal battery operation may ignite and cause the battery to explode. An exploding battery can cause severe burns and serious injury. Keep all flames, cigarettes and sparks away from the 12 V battery.



Keep all flames and sparks away from the 12 V battery, as it may release hydrogen gas during charging or adding fluid to the lead-acid battery.
Exposing the 12 V battery to open flames or sparks is extremely dangerous. Hydrogen gas produced during normal battery operation may ignite, causing the battery to explode. An exploding battery can cause serious burns and injury. Keep all flames, cigarettes and sparks away from the 12 V battery.

Do not attempt to jump-start a frozen battery or a battery with a low electrolyte level.
Jump-starting a frozen battery or a battery with a low electrolyte level is extremely dangerous. The battery may rupture or explode, causing serious injury.

Depleted 12 V Battery

Connect the negative lead to a suitable earth point away from the 12 V battery.
Connecting the end of the second jump lead to the negative (-) terminal of the discharged battery is dangerous. A spark could ignite the gas around the battery and cause an explosion, resulting in injury.

Keep the jump leads away from any moving parts.
Routing a jump lead near moving parts is dangerous. The lead could become caught in moving parts when the vehicle starts, causing serious injury.

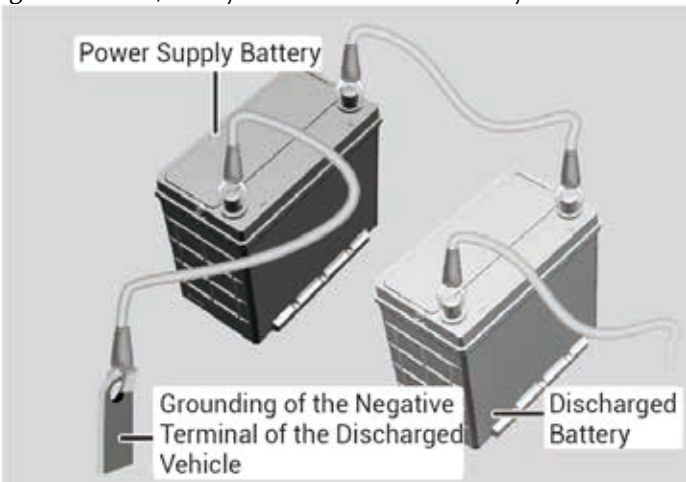
⚠ CAUTION

Use only a 12 V booster battery. Using a 24V supply (two 12 V batteries connected in series) may cause irreparable damage to the vehicle's electrical system.

- Connect the jump leads carefully.
- Do not jump-start the vehicle while the charging cable is connected. Failure to do so may damage the vehicle.
- Do not use this vehicle to jump-start another vehicle.

1. Place the booster battery as close as possible to the vehicle, without allowing the two vehicles to touch if another vehicle is used. If another vehicle is used as the power source, park it close to the rear of the discharged vehicle without allowing the vehicles to touch, and apply the parking brake on both vehicles.
2. Before connecting the 12 V battery leads, inspect all 12 V battery terminals and remove any excessive corrosion.
3. Switch off all electrical consumers except essential safety lights, such as the headlamps and hazard warning flashers.
4. Connect the first lead to the positive (+) terminal of the booster battery and then to the positive (+) terminal of the discharged 12 V battery. Connect the second lead to the negative (-) terminal of the booster battery and then to a suitable earth point on the

discharged vehicle, away from the 12 V battery.



5. If another vehicle is being used, start its engine or motor.
6. Start the discharged vehicle.
7. Remove the jump leads in the reverse order of connection. Ensure that the leads do not come into contact with any metal parts of the vehicle during removal.

NOTE

During jump-starting, keep your hands and the jump leads away from moving parts.

If the 12 V battery frequently becomes discharged and the cause is not apparent, have the vehicle inspected by a qualified repairer (we recommend an Authorised Mazda Repairer).

Roadside Assistance

▼Trailer Mode

In the centre display, tap “Vehicle Menu → Driving → Trailer Mode” to enable or disable Trailer Mode.

Trailer Mode can only be activated when all of the following conditions are met:

- The vehicle is switched on.
- The transmission is in P (Park);
- The brake pedal is depressed.

After the above conditions are met, tap the “Trailer Mode” button. A pop-up message will appear in the centre display. After you confirm the prompt, the vehicle will enter Trailer Mode.

NOTE

After Trailer Mode is activated, the transmission will automatically shift from P to N and the electronic parking brake will be released. To prevent the vehicle from rolling, only enable Trailer Mode on a level surface.

Towing Precautions

Do not tow the vehicle with the rear axle raised, as this may cause the steering system to become misaligned.

If the vehicle power is off, the power-assisted systems will not operate, and greater effort will be required for braking and steering.

Use only the designated lifting points on the vehicle body and chassis when lifting the vehicle. Otherwise, damage may occur.

Do not tow the vehicle with the front wheels on the ground, as this may cause damage to the vehicle.

Avoid sudden starts or erratic driving, as this may place excessive stress on the tow hooks, tow cable or chains, causing them to fail and resulting in vehicle damage or personal injury.

If the vehicle cannot be moved due to a malfunction, do not continue towing it by force.

Tow the vehicle in as straight a line as possible.

NOTE

Towing the vehicle using any part other than the tow hook may damage the vehicle. Make sure that the tow cable or chain is securely fastened to the tow hook.

When towing the vehicle, apply a steady and even force without jerking the vehicle.

Towing Point

▼Front Towing Point

⚠ CAUTION

- The front tow hook is intended for emergency use only, for example to pull the vehicle out of a ditch or snow bank.
- When using the front tow hook, always pull the rope, cable or chain in line with the tow hook. Do not apply any lateral force to the tow hook.

NOTE

- If a chain or cable is used for towing, wrap the section near the bumper with a soft cloth to avoid damaging the bumper.



The tow hook mounting hole is located on the right-hand side of the front bumper.

Wrap a soft cloth around a trim tool, wheel brace or jack handle to avoid damaging the paintwork, then open the tow hook cover on the front bumper.

⚠ CAUTION

- Do not use excessive force, otherwise the cover or bumper paintwork may be damaged.

NOTE

- Remove the cover completely and store it safely to prevent loss.

▼Tow Hook Installation



1. Remove the tow hook, wheel brace or similar tool from the luggage compartment.
2. Screw the tow hook fully into the mounting hole clockwise by hand.
3. Use a wheel brace or similar tool to tighten the tow hook securely.

⚠ CAUTION

- If the tow hook is not securely fastened, it may come loose during towing. Make sure the tow hook is securely fastened in the mounting hole.
- To avoid damage to the tow hook or vehicle body, observe the following precautions:
  - Do not tow a vehicle heavier than your own vehicle.
  - Do not accelerate suddenly, as this may cause a severe shock load on the tow hook or tow rope.
  - Do not attach any additional rope to the tow hook.

▼Rear Towing Point

⚠ CAUTION

- The rear tow hook is intended for emergency use only, for example to pull the vehicle out of a ditch or snow bank.
- When using the rear tow hook, always pull the tow rope, cable or chain in line with the hook. Do not apply any lateral force to the tow hook.

1. The rear tow hook is installed in the same way as the front tow hook.
2. Secure the tow rope to the rear tow hook.



⚠ CAUTION

- Use of the rear tow hook may damage the rear bumper.
- Do not do any of the following during towing, otherwise the vehicle may be damaged.
  - Do not tow a vehicle heavier than your own vehicle.
  - Do not accelerate suddenly, as this may cause a severe shock load on the rear tow hook or tow rope.
  - Do not attach any additional rope to the rear tow hook.

Other Precautions

▼Other Precautions

Precautions for Towing with All Four Wheels on the Ground

- Only carry out short-distance, low-speed towing on hard-surfaced roads. Ensure that the vehicle has been inspected and that the powertrain, high-voltage system, wheels, axles, transmission, steering system and brakes are all in good condition.
- The towing vehicle must not be lighter than the vehicle being towed, as this may result in loss of control.
- Check that the towing cables, chains and hooks are not broken or damaged.
- Secure the towing cable or chain to the tow hook.
- Do not jerk the tow hook. Apply a steady, even force.
- Before towing, confirm that the vehicle being towed is in Neutral (N), is capable of rolling freely, and has its hazard warning flashers switched on.
- To avoid damaging the tow hook, tow the vehicle from the front only. Ensure that the speed does not exceed 40 km/h (25 mph) and that the towing distance does not exceed 25 km (15.534 mi).
- The towing strap should be less than 5 metres (16 feet) long and fitted with a clearly visible flag.
- Drive carefully to prevent the towing strap from becoming slack during towing.
- The drivers of both vehicles should remain in communication throughout the towing operation.
- When driving downhill for an extended period, the brakes may overheat, reducing braking performance. Stop at regular intervals to allow the brakes to cool.
- If the brakes have failed, the vehicle must be transported on a flatbed truck.

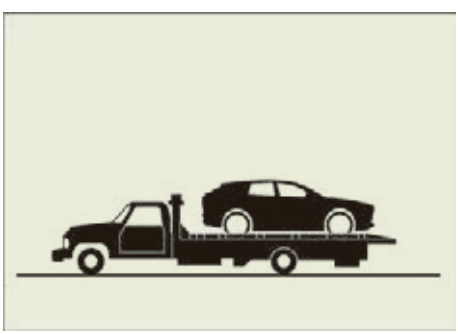
Roadside Assistance and Vehicle Recovery

▼Road Transportation Rescue

We recommend that towing be carried out only by an expert repairer (we recommend an Authorised Mazda Repairer) or by a professional towing service.

Wheel-lift or flatbed/platform equipment should be used. If a flatbed is not used, rigid towing equipment must be used. Tow-rope recovery is strictly prohibited. Non-flatbed towing must be carried out only at low speed and over a short distance. Also ensure that the parking brake is released.

Proper transport of the vehicle is essential to avoid damage to the drivetrain. Observe all applicable national and local laws and regulations.



① Wheel-lift towing vehicle

When towing a rear-wheel drive vehicle, ensure that the drive wheels (rear wheels) are lifted off the ground. If this is not possible because of severe damage or other circumstances, use wheel dollies.

⚠ CAUTION

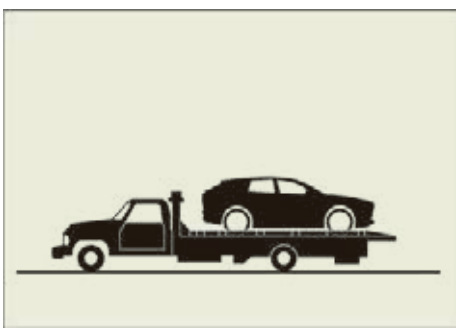
- Do not tow the vehicle with the rear wheels on the ground. Doing so may cause internal damage to the transmission.



- Do not use sling-type towing equipment, as it may damage the vehicle. Wheel-lift or platform-type towing equipment must be used.



- If the parking brake cannot be released, transport the vehicle with all four wheels off the ground, as shown. If the vehicle is towed without lifting the wheels off the ground, the braking system may be damaged.



① Wheel-lift towing vehicle

In an emergency, if professional towing equipment is not available, a tow hook may be attached to the front of the vehicle, provided that all four wheels remain on the ground during towing. The vehicle may be towed only for a short distance at low speed on paved roads.

⚠ CAUTION

Follow the instructions below when towing the vehicle with all four wheels on the ground.

- Only carry out short-distance, low-speed towing on hard-surfaced roads. Ensure that the vehicle has been inspected and that the powertrain, high-voltage system, wheels, axles, transmission, steering system and brakes are all in good condition.
- The towing vehicle must not be lighter than the vehicle being towed, as this may result in loss of control.
- Check that the towing cables, chains and hooks are not broken or damaged.
- Secure the towing cable or chain to the tow hook. Do not jerk the tow hook. Apply a steady, even force.
- Before towing, confirm that the vehicle being towed is in Neutral (N), is capable of rolling freely, and has its hazard warning flashers switched on.
- To avoid damaging the tow hook, tow the vehicle from the front only. Ensure that the

speed does not exceed 40 km/h (25 mph) and that the towing distance does not exceed 25 km (15.534 mi).

- The towing strap should be less than 5 metres (16 feet) long and fitted with a clearly visible flag. Drive carefully to prevent the towing strap from becoming slack during towing.
- The drivers of both vehicles should remain in communication throughout the towing operation.
- When driving downhill for an extended period, the brakes may overheat, reducing braking performance. Stop at regular intervals to allow the brakes to cool.
- If the brakes have failed, the vehicle must be transported on a flatbed truck.

If a Warning Light Illuminates or Flashes

▼If a Warning Light Illuminates or Flashes

If any warning light illuminates or flashes, take the appropriate action for that warning light. If the light goes out and does not illuminate again, there is no fault. However, if the light does not go out, or if it illuminates or flashes again, consult an expert repairer (we recommend an Authorised Mazda Repairer). For more detailed information about specific warnings, refer to the centre display.

▼Brake System Warning Indication/Warning Light



This warning light has the following functions:

Warning Light Inspection

When checking operation, make sure that this light illuminates when the vehicle power is switched ON and goes out after a few seconds or when the vehicle is started.

If the light remains illuminated

If the brake system warning light remains illuminated, the brake fluid level may be low or the brake system may have malfunctioned. 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 if the brake system warning light is illuminated. Have the brakes checked as soon as possible by an expert repairer (we recommend an Authorised Mazda Repairer). Driving the vehicle with the brake system warning light illuminated is dangerous. This may mean that the brakes will not operate properly and could fail completely at any time. If this warning light remains illuminated after you have confirmed that the parking brake is fully released, have the brakes checked immediately.

⚠ CAUTION

- In addition, braking performance may be reduced, so you may need to press the brake pedal more firmly to stop the vehicle.

▼ABS Warning Indication/ Warning Light



If the ABS warning light remains illuminated while driving, the ABS has detected a system malfunction.

If this occurs, the brakes will still function, but without ABS. If this happens, consult an expert repairer as soon as possible (we recommend an Authorised Mazda Repairer).

NOTE

- The ABS warning light may illuminate if the vehicle is started using jumper leads. If this occurs, it may be due to a low battery charge level and does not necessarily indicate an ABS malfunction. Charge the 12 V battery.
- The brake assist system does not operate when the ABS warning light is illuminated.

▼System Failure Warning Indication/Warning Light



The powertrain malfunction warning indication/warning light illuminates when a vehicle malfunction is detected.

Consult an expert repairer (we recommend an Authorised Mazda Repairer).

▼Charging System Warning Indication/Warning Light



This warning light illuminates or flashes if there is a fault in the charging system. 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 charging system warning light illuminated.
Otherwise, the vehicle may stop suddenly, which could lead to an accident.

▼Remaining High-Voltage Battery Power Warning Indication/ Warning Light



This warning indication is displayed when the remaining charge in the high-voltage battery is low.

Check the information shown on the centre display and take the necessary action.

▼Output Restriction Warning Indication/Warning Light



If powertrain output is restricted, the warning indication/warning light illuminates.

Contact an expert repairer as soon as possible (we recommend an Authorised Mazda Repairer).

If the warning indication/warning light remains illuminated, have the vehicle inspected.

⚠ WARNING

If the output restriction warning indication/warning light illuminates or flashes, ensure that the surrounding area is safe.
Reduced motor output may limit vehicle speed, which could increase the risk of an accident. If the vehicle cannot be driven safely, park it in a safe location.

▼Power Steering Malfunction Indication/Indicator Light



The electric power steering malfunction indication/indicator light is displayed or turns on if there is a malfunction in the electric power steering system.

If the electric power steering malfunction indication/indicator

light is displayed or turns on, stop the vehicle in a safe place and switch the power off. If the indication goes out after the vehicle is restarted after a short time, there is no problem. If the indication remains displayed after the vehicle has been restarted, contact an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

- If this message is displayed, the power steering system is not operating normally. In this case, the steering wheel can still be operated, but it may feel heavier than normal or vibrate when turned.
- Repeatedly jerking the steering wheel from side to side after stopping or while driving at very low speed may cause the power steering system to enter protection mode, making the steering feel heavy. This does not indicate a malfunction. In this case, park the vehicle and wait a few minutes for the system to return to normal.

▼Electric Parking Brake (EPB)

Indication/Indicator Light



The EPB switch indicator light illuminates when the parking brake is applied and goes out when the parking brake is released.

Parking Brake Warning/Indicator Light Inspection

This indicator light illuminates when the parking brake is applied while the vehicle is stationary. This light goes out when the parking brake is released.

Illuminated

If the electronic parking brake (EPB) is released and the light remains illuminated, the system may be malfunctioning. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

Flashing

This light flashes if there is a fault in the system. If the indicator light continues to flash when the electronic parking brake (EPB) switch is operated, consult an expert repairer as soon as possible

(we recommend an Authorised Mazda Repairer).

▼Tyre Pressure Monitoring System (TPMS) Warning Indication/Warning Light (Flashing)



If there is a fault in the TPMS or the battery voltage of a tyre pressure sensor is low, the TPMS warning light flashes and a message is displayed in the centre display. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

⚠ WARNING

Do not drive the vehicle at high speed if the TPMS warning light is illuminated or flashing:
Driving the vehicle at high speed when the TPMS warning light is illuminated or flashing is dangerous because braking performance and steering response may be reduced. Driving at high speed or braking suddenly may cause an accident. Apply the brakes gently to reduce vehicle speed.

▼Tyre Pressure Monitoring System (TPMS) Warning Indication/ Warning Light (On)



If the pressure of any tyre falls below the specified level, the TPMS warning light illuminates.

At the same time, the tyre pressure for each tyre is displayed alternately on the centre display. In addition, any tyre with low pressure is shown in yellow.

⚠ WARNING

Do not drive the vehicle at high speed if the TPMS warning light is illuminated or flashing:
Driving the vehicle at high speed when the TPMS warning light is illuminated or flashing is dangerous because braking performance and steering response may be reduced. Driving at high speed or braking suddenly may cause an accident. Apply the brakes gently to reduce vehicle speed.

Do not ignore the TPMS warning light when it is illuminated or flashing:
Ignoring an illuminated or flashing TPMS warning light and continuing to drive is dangerous and may result in a flat tyre, which could cause an accident. Take appropriate action as soon as possible.

NOTE

- When the TPMS is learning tyre positions, for example just after the tyres have been rotated or replaced, the system displays the tyre pressures according to the previous tyre positions until learning is complete. It then displays the pressures for the new tyre positions. Therefore, the tyre pressure shown for a tyre position may differ from the actual pressure of the tyre currently fitted at that position.

⚠ CAUTION

➢ Adjust the tyre pressures only after the tyres have cooled. Tyre pressure can fluctuate with changes in temperature. Before adjusting the tyre pressures, park the vehicle for at least 1 hour or ensure that the vehicle has not been driven for more than 1.6 km (0.994 mi). If the tyre pressures are adjusted while the tyres are hot, they may fall below the specified pressures as the tyres cool, causing the warning light to illuminate. In addition, because tyre pressure decreases at low ambient temperatures, an illuminated TPMS warning light may go out if the ambient temperature rises. In all cases, wait for the tyres to cool before adjusting the tyre pressures.

➢ After the tyre pressures have been adjusted correctly, the TPMS warning light turns off.

If the TPMS warning light does not go out, drive the vehicle at approximately 25 km (15.534 mi) or above for 3 minutes or longer, then check that the warning light goes out.

If the TPMS warning light remains illuminated even after the tyre pressures have been adjusted, one of the tyres may have a puncture.

▼Electronic Stability Control System Indicator / Indicator Light



If the indicator light remains illuminated, the Electronic

Stability Control system may have a malfunction and may not operate properly. Have the vehicle inspected by an expert repairer (we recommend an Authorised Mazda Repairer).

▼Airbag/Seat Belt Pretensioner System Warning Indication/ Warning Light



If the warning light continues to flash, remains illuminated, or does not illuminate when the vehicle is switched on, there is a malfunction in the system. If any of these occurs, consult an expert repairer as soon as possible (we recommend an Authorised Mazda Repairer). If an accident occurs, the system may not operate properly.

⚠ WARNING

Never tamper with the airbag/ seat belt pretensioner systems, and always have all servicing and repairs carried out by an expert repairer (we recommend an Authorised Mazda Repairer): Repairing the airbag/seat belt pretensioner systems yourself is dangerous. The airbag/seat belt pretensioner systems may deploy or be deactivated unexpectedly, resulting in serious injury or death.

▼Seat Belt Warning Indication/ Warning Light (Front Seat)



When the vehicle is switched on, the seat belt warning light illuminates if the driver or front passenger is seated and the seat belt is not fastened. If the driver's or front passenger's seat belt is not fastened, and the vehicle is travelling at approximately 10 km/h (6.214 mph) or more, the warning light flashes for a period of time. The front passenger warning operates only when a front passenger is present. After a short period, the warning light stops flashing but remains illuminated.

NOTE

- If heavy objects are placed on the front passenger seat, the seat belt warning function may be triggered depending on their weight.
- For the occupant detection sensor to operate properly, do not sit in the front passenger

seat if a seat cushion or any other object is placed on the seat. Additional seat cushions may interfere with the sensor and prevent it from operating properly.

- The warning light may not operate if a small child is seated in the front passenger seat.

▼Seat Belt Warning Indicator/ Signal Light (Rear Seat)



When the vehicle is switched on, the warning light illuminates if a rear seat passenger is present and the seat belt is not fastened.

NOTE

If the rear seat belts remain unfastened for a period of time after the vehicle has been started, the warning light will go out.

▼High Beam Control (HBC) Warning Indication/Warning Light



If there is a malfunction in the system, the indicator light remains illuminated. Consult an expert repairer (we recommend an Authorised Mazda Repairer).

MEMO

8 Customer Information

Important customer information, including warranties and add-on equipment.

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Registering Your Vehicle in a Foreign Country

▼Registering Your Vehicle in a Foreign Country

Registering your vehicle in a foreign country may be difficult if it does not meet that country's emissions and safety standards. Consequently, you may need to modify the vehicle at your own expense to comply with local regulations.

In addition, you should be aware of the following:

Satisfactory servicing of the vehicle may be difficult or impossible in another country.

The parts, servicing techniques and tools necessary to maintain and repair your vehicle may be unavailable.

There may not be a qualified repairer (we recommend an Authorised Mazda Repairer) in the country to which you plan to take your vehicle.

The Mazda warranty is valid only in certain countries.

Non-Genuine Parts and Accessories

▼Non-Genuine Parts and Accessories

Please note that technical modifications to the original specification of your Mazda vehicle may affect its safety. Such modifications include the use of unsuitable replacement parts, accessories, fittings or attachments, including wheels and tyres.

Genuine Mazda Parts and Genuine Mazda Accessories have been specifically designed for Mazda vehicles. Parts and accessories other than those mentioned above have not been examined or approved by Mazda unless expressly stated otherwise by Mazda. We cannot confirm the suitability of such products. Mazda is not liable for any damage resulting from the use of such products.

⚠ WARNING

Be extremely careful when selecting and installing additional electrical accessories (for example, mobile phones, two-way radios, audio systems and vehicle alarm systems):
Selecting an unsuitable accessory, having an accessory installed incorrectly, or choosing an unsuitable installer can be dangerous. Important systems may be damaged, which could result in damage to the electric drive system, unintended deployment of the airbags (SRS), improper operation of the ABS/TCS/DSC, or a fire in the vehicle. Mazda is not responsible for any death, injury or expense resulting from the installation of parts or accessories not manufactured by Mazda.

Cell Phone Warning

▼Cell Phone Warning

⚠ WARNING

Always comply with the laws and regulations in your country regarding the use of communication devices in vehicles:
It is dangerous to use any electronic device (for example, a mobile phone, computer, portable radio, navigation system or other device) while the vehicle is in motion. Dialling numbers on a mobile phone while driving also requires the driver to take a hand off the steering wheel. The use of these devices can distract the driver and may lead to a serious accident. Move out of the traffic lane and park in a safe place before using such a device. If you must use a mobile phone while driving, use a hands-free system so that you can keep both hands available for driving. Do not use mobile phones or other electronic devices while the vehicle is in motion, and keep your full attention on driving.

Event Data Recorder (EDR)

▼Event Data Recording (EDR)

System

This vehicle is equipped with an Event Data Recorder (EDR).

The EDR is integrated within the airbag control unit.

To read data recorded by the EDR, physical access to the vehicle or to the airbag control unit is required.

We will not disclose data recorded by the EDR to third parties except in the following circumstances:

- with the consent of the vehicle owner or lessee;
- in response to an official request from the police, a court, or a government agency;
- for use by us in legal proceedings.

If necessary, data recorded by the EDR may be used for:

- vehicle safety research and development;
- disclosure to third parties for research and development purposes, provided that no information identifying the vehicle owner or the vehicle is revealed.

The following methods are available for reading EDR data:

When authorised to access the vehicle or the EDR, qualified service personnel (we recommend an Authorised Mazda Repairer), or a third party with appropriate equipment (such as law enforcement), can connect a dedicated diagnostic device to the vehicle's standard on-board diagnostic (OBD) system to read the data. In this case, the data is provided in a standardised data retrieval format. If access through the OBD system is not possible, consult an expert repairer (we recommend an Authorised Mazda Repairer).

NOTE

For the meanings of the data items recorded by the EDR, as well as a detailed explanation of the event recording and overwriting mechanisms, please refer to the provisions relating to the EDR (Event Data Recorder) system set out in UN R160 and Regulation (EU) 2022/545.

Declaration of Conformity

Vehicle Definition

The "e" in the model designation indicates that the vehicle has an electrified powertrain.

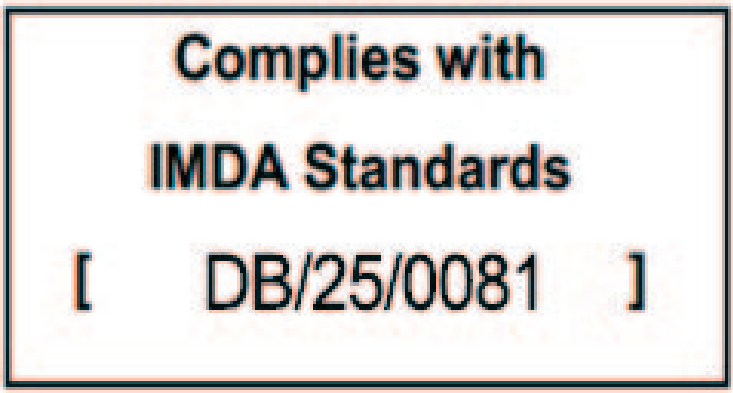
Radio Frequency Identification

Thailand:



Declaration of Conformity

Singapore:



Malaysia:



Australia:



Declaration of Conformity

Bluetooth® Key

Europe:



Foryou Multimedia Electronics Co., Ltd.
No.1, North Shangxia Road, Dongjiang Hi-tech industry Park, Huizhou, Guangdong, P.R. China

EU Declaration of Conformity (DoC)

No.20251202001

Hereby we,

Company name	:	Foryou Multimedia Electronics Co., Ltd.
Address	:	No.1, North Shangxia Road, Dongjiang Hi-tech industry Park, Huizhou, Guangdong, P.R. China

declare that this DoC is issued under our sole responsibility and that this product:

Product name	:	CONTROLLER-REMOTE
Model(s)	:	DBA11CA02A,DBA11CM04B,DBA11CM04C,DBA11CM04D,DBA11CM04F,DBA11CM04H,DBA11CM04G,DBA11CM04J
Trademark	:	MAZDA

is in conformity with the requirements of the following EU Directives:

Directive 2014/53/EU on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment.

Standards References

The following harmonized standards and normative documents are those to which the product's conformance is declared, and by specific reference to the essential requirements of the referenced Directives:

Article 3.1(a) (Safety & Health)	EN IEC 62368-1:2020+A11:2020 EN 62479:2010
Article 3.1(b) (EMC)	ETSI EN 301 489-1 V2.2.3: 2019 ETSI EN 301 489-17 V3.2.4: 2020
Article 3.2 (Radio Spectrum)	ETSI EN 300 328 V2.2.2: 2019

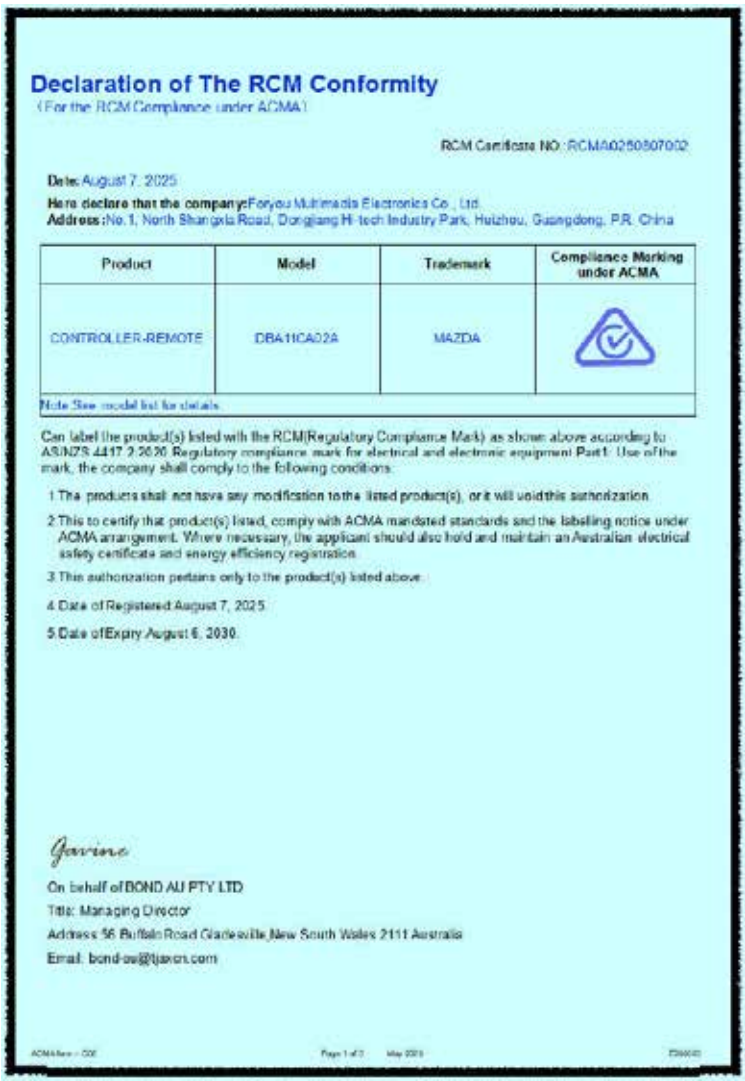
Signed for and on behalf of **Foryou Multimedia Electronics Co., Ltd.**

Signature:

Name: Li Wei
Official Capacity: Certificate Engineer
Email Address: liwei1@adayome.com
Date: 2025-12-02

Page 1 / 1

Australia and New Zealand:



Declaration of The RCM Conformity

(For the RCM Compliance under ACMA)

RCM Certificate NO: RCMA0250807002

Date: August 7, 2025

Here declare that the company: Foryou Multimedia Electronics Co., Ltd.
Address: No.1, North Shangxia Road, Dongjiang Hi-tech Industry Park, Huizhou, Guangdong, P.R. China

Product	Model	Trademark	Compliance Marking under ACMA
CONTROLLER-REMOTE	DBA11CA02A	MAZDA	

Note: See model list for details

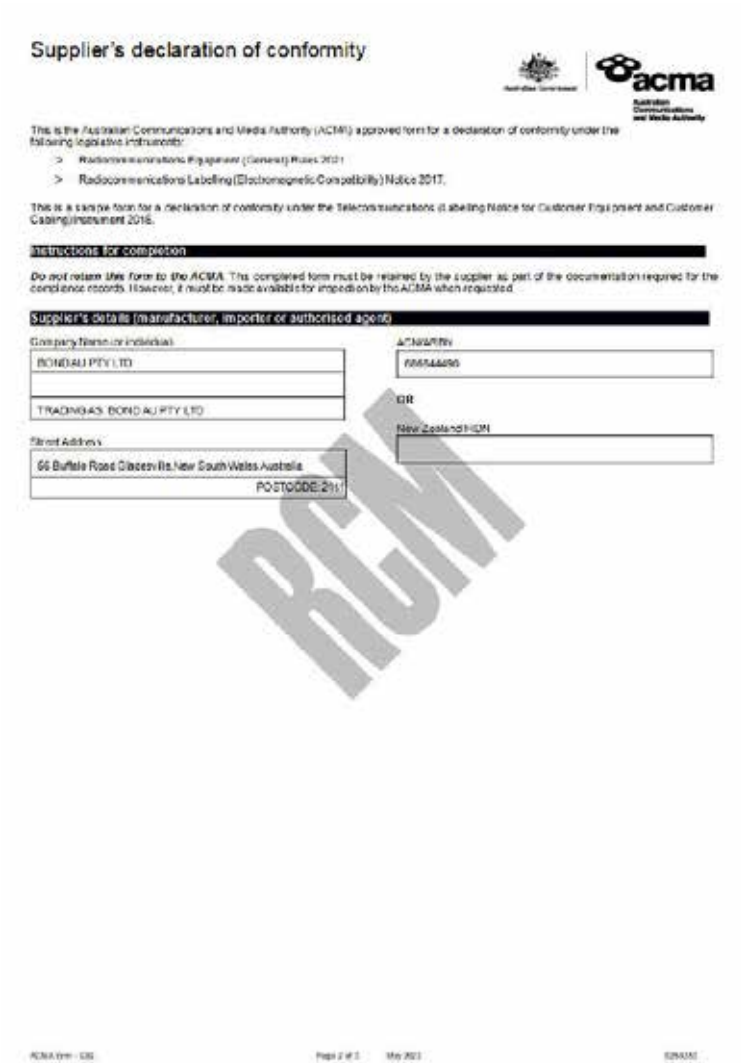
Can label the product(s) listed with the RCM(Regulatory Compliance Mark) as shown above according to AS/NZS 4417.2:2020 Regulatory compliance mark for electrical and electronic equipment Part1: Use of the mark, the company shall comply to the following conditions:

1. The products shall not have any modification to the listed product(s), or it will void this authorization.
2. This to certify that product(s) listed, comply with ACMA mandated standards and the labelling notice under ACMA arrangement. Where necessary, the applicant should also hold and maintain an Australian electrical safety certificate and energy efficiency registration.
3. This authorization pertains only to the product(s) listed above.
4. Date of Registered: August 7, 2025.
5. Date of Expiry: August 6, 2030.

Jarvine

On behalf of BOND AU PTY LTD
Title: Managing Director
Address: 56 Buffalo Road Gladesville,New South Wales 2111 Australia
Email: bond-au@jarvis.com

Declaration of Conformity



Supplier's declaration of conformity

This is the Australian Communications and Media Authority (ACMA) approved form for a declaration of conformity under the following legislative instruments:

- > Radiocommunications Equipment (General) Rules 2021
- > Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2017.

This is a sample form for a declaration of conformity under the Telecommunications (Labelling Notice for Customer Equipment and Customer Cabling) Instrument 2016.

Instructions for completion

Do not return this form to the ACMA. This completed form must be retained by the supplier as part of the documentation required for the compliance records. However, it must be made available for inspection by the ACMA when requested.

Supplier's details (manufacturer, importer or authorised agent)

Company Name or Individual

BONDAU PTY LTD

TRADING AS BONDAU PTY LTD

ACN/ARBN

666444666

OR

New Zealand NZBN

Street Address

66 Buffalo Road Gladesville New South Wales Australia

POSTCODE 2111

RCM

Product details and date of manufacture

The Responsible Supplier supplies the following Low Risk (Level 1) Equipment in Australia and New Zealand:

Product description - brand name, type, current model, lot, batch or serial number (if available), software/firmware version (if applicable)

Product Equipment:CONTROLLER-REMOTE
Model Number:DBA11CA02A,DBA11CM04B, DBA11CU04C,DBA11CM04D, DBA11CM04F,DBA11CM04H, DBA11CM04J, DBA11CM04J
Trade Name:MAZDA
Rating:14.5Vdc,30mA,Class B
Date of manufacture: July/2026

Compliance – applicable standards and other supporting documents

Evidence of compliance with applicable standards may be demonstrated by test reports, endorsed/accredited test reports, certification/competent body statements.

Having had regard to these documents, I am satisfied the above-mentioned product complies with the requirements of the relevant ACMA standards made under the *Radiocommunications Act 1992* and/or the *Telecommunications Act 1997*.

List these documents including details of the standard title, number and, if applicable, number of the test report/endorsed test report or certification/competent body statement.

Standard(s):ETSI EN 301 489-1 V2.2.3(2019-11),ETSI EN 301 489-17 V3.2.4(2020-09),ETSI EN 300328 V2.2.2 (2019-07), EN 62479:2010,IEC 62368-1:2018.
Tested by:BlueAsia Technical Services (Shenzhen) Co., Ltd
Report No.:BLA-EMC-202508-A0101,BLA-EMC-202508-A0102,BLA-EMC-202508-A0103,BLA-S-202404-A34-2

Declaration

I hereby declare that:

1. I am authorised to make this declaration on behalf of the Company mentioned above.
2. the contents of this form are true and correct.
3. the product mentioned above complies with the applicable above-mentioned standards and all products supplied under this declaration will be identical to the product mentioned above.
4. I understand that giving false or misleading information is a serious offence.

The Responsible Supplier's ABN/RBO number has been submitted. I am a person who has been authorised to make this declaration on behalf of the Responsible Supplier. All Equipment supplied is electrically safe and will continue to meet relevant standards or in the absence of a specific Australian or New Zealand Standard, AS/NZS 3820. All Equipment supplied complies with the ESSS and relevant electrical safety laws. Supply flexible cords and plugs or other Level 2 components, permanently attached to the equipment have a current Certificate of Conformity for Australia and New Zealand. Level 2 components permanently attached to the equipment have a current compliance letter.

Note: It is an offence to knowingly provide false or misleading information to a Commonwealth entity or a person who is exercising powers, performing functions under, or in connection with, a law of the Commonwealth. It is an offence to knowingly provide false or misleading information or documents in compliance or purported compliance with a law of the Commonwealth. (See sections 137.1 and 137.2 of the Criminal Code Act 1995.)

Penalty: 12 months imprisonment.

Gavine SIGNATURE OF SUPPLIER OR AGENT	POSITION IN ORGANISATION Managing Director
PRINT NAME: Gavino	DATE:August 7, 2026

The *Privacy Act 1988* (Cth) (the Privacy Act) imposes obligations on the ACMA in relation to the collection, security, quality, access, use and disclosure of personal information. These obligations are detailed in the Australian Privacy Principles.

The ACMA may only collect personal information if it is reasonably necessary for, or directly related to, one or more of the ACMA's functions or activities.

The purpose of collecting the personal information in this form is to ensure the supplier is identified in the 'declaration of conformity'. If this declaration of conformity is not completed and the requested information is not provided, a compliance label cannot be applied.

Further information on the Privacy Act and the ACMA's privacy policy is available at www.acma.gov.au/privacy-policy. The privacy policy contains details about how you may access personal information about you that is held by the ACMA, and seek the correction of such information. It also explains how you may complain about a breach of the Privacy Act and how we will deal with such a complaint.

Should you have any questions in this regard, please contact the ACMA's privacy contact officer on telephone on 1800 226 667 or by email at privacy@acma.gov.au.

Declaration of Conformity

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission

แบบหมายเลข "แบบรับรองตนเองของผู้ประกอบการ (Supplier's Declaration of Conformity : SDoC)"
เลขที่ (SDoC No.) : SD02571-26 ลงวันที่ 9 มกราคม 2569

สำนักงาน กสทช. ได้รับแบบรับรองตนเองของผู้ประกอบการ (SDoC)
ของ บริษัท มายล่า เซอร์ (ประเทศไทย) จำกัด
ซึ่งมี ที่การยื่นขอรับรองตนเองเครื่องโทรคมนาคมและอุปกรณ์ ดังนี้

รายการที่ขอรับรองตนเอง
ประเภท CONTROLLER-REMOTE
ยี่ห้อ Mazda
แบบรุ่น DBA11CM04J (GJM866ALD)

ลงนาม .....
(นายอัมพร สิลิตงใหญ่)
ผู้อำนวยการสำนักงานกำกับและกำหนดมาตรฐานโทรคมนาคม

เงื่อนไขการออกรับแบบรับรองตนเองของผู้ประกอบการ

1. แบบรับรองนี้เป็นเพียงว่าผู้ประกอบการได้ทำการรับรองตนเองว่าเครื่องโทรคมนาคมและอุปกรณ์ ยี่ห้อ และแบบรุ่นดังกล่าวมีความสอดคล้องกับการอนุญาตของ กสทช.
2. ผู้ประกอบการต้องไม่ดัดแปลงเครื่องโทรคมนาคมและอุปกรณ์นี้ให้ผิดแผกไปจากที่ได้ยื่นไว้ในเอกสารแสดงลักษณะทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ ที่ได้ขอรับรองตนเองไว้กับสำนักงาน กสทช.
3. ผู้ประกอบการจะต้องปฏิบัติตามประกาศ กสทช. เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์โดยเคร่งครัด

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/25/4273

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

Declaration of Conformity

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

Indonesia:



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-UMKU : 0120109932859000000061

Lampiran ini berisi data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

SERTIFIKAT / *CERTIFICATE*

NOMOR / NUMBER : 114348/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 9D, Desa/Kelurahan Grogol Selatan, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta, Kode Pos. 12220
Tipe *Type*	: DBA11CM04J	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 — Frekuensi : 2.4 GHz - 2.4835 GHz; Daya Pancar : ≤ 100 mWatt

Direktorat Layanan Infrastruktur Digital

Balai Sertifikasi Elektronik

Declaration of Conformity

Malaysia:



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RICA/10A/1025/S(25-5289)

Application Number: SOAS/TA/25/5289

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: DBA11CM04J

MARKETING NAME: DBA11CM04J

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: 221428

Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED
ACB 001

Telephone: 603 5544 6400 Fax: 603 5544 6810

Page 1 of 2



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RICA/ 10A/ 1025/ S(25-5289)

Application Number: SOASI/TA/25/5289

MODEL: DBA11CM04J

MARKETING NAME: DBA11CM04J

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: 221428

Ts. Md. Adha bin Kalmi @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED
ACB 001

Telephone: 603 5544 6400 Fax: 603 5544 6810

Page 2 of 2

Declaration of Conformity

Front Radar Sensor System

Europe (Excluding UK):



KL-Certification GmbH
German Certification Body

EU-Type Examination Certificate

Certificate Number	T 2022.01.0005
Certificate Holder	Robert Bosch GmbH
Certificate Holder Address	Daimlerstrasse 6 71229 Leonberg Germany
Product Model Name	FSCP12
Product Description	Front Radar Ger5 Car Plus Version 1/22
Manufacturer (if different from Certificate Holder)	
Type Examination Certificate	In accordance with Annex III of Council Directive 2014/53/EU, Radio Equipment Directive (RED), and the mutual recognition of their conformity we give our opinion that the submitted documentation for the apparatus identified above complies with the requirements of the directive in the scope stated below.
Marking	The apparatus shall be marked with the CE mark as required by the Council Directive 2014/53/EU
Validity	The conformity stated in this EU-Type Examination Certificate is provided until the assessed type of equipment or the standard(s) has(have) undergone changes or modifications but not later than 10 years after the issue date of this certificate.
Annex	The certificate is only valid together with the annex.

Conformity Assessment

Essential Requirement	Examined Documentation	Result
Safety RED, Article 3.1a	Technical Documentation	conform
Health RED, Article 3.1a	Technical Documentation	conform
EMC RED, Article 3.1b	Technical Documentation	conform
Radio Spectrum RED, Article 3.2	Technical Documentation	conform

CE 2784

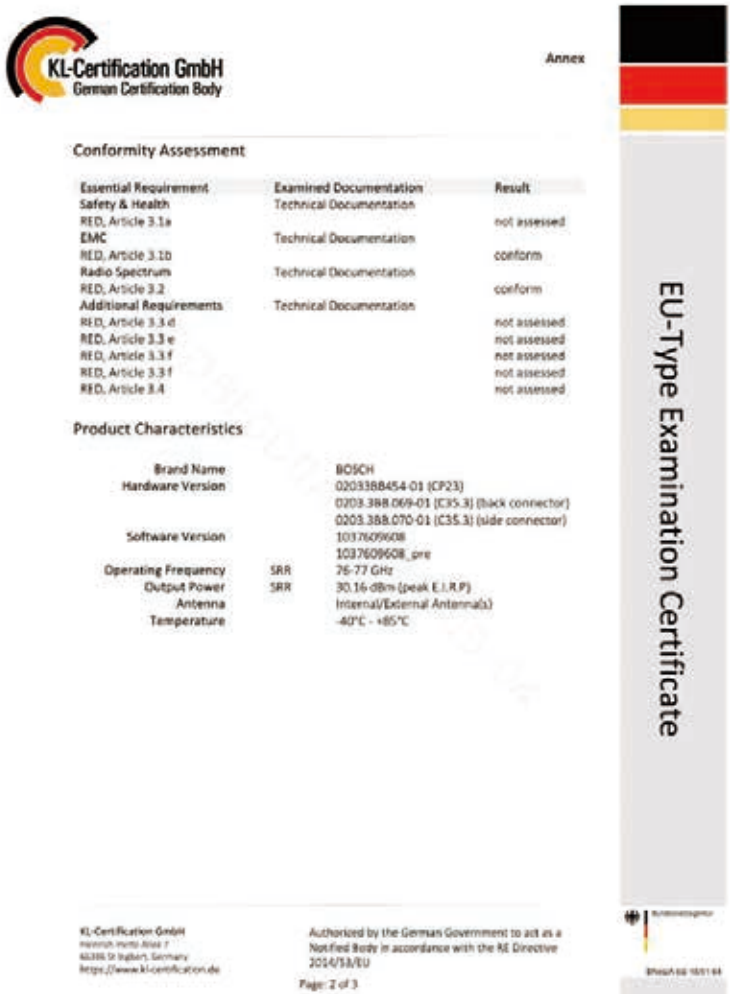
St. Ingbert, 21.02.2022
Place, issue date

Authorized Signature

KL-Certification GmbH
Mainz-Kirchheim-Mainz-Allee 7
66386 St. Ingbert, Germany
https://www.kl-certification.de

Authorized by the German Government to act as a Notified Body in accordance with the RE Directive 2014/53/EU

Page: 1 of 1



KL-Certification GmbH
German Certification Body

Annex

EU-Type Examination Certificate

Conformity Assessment

Essential Requirement	Examined Documentation	Result
Safety & Health	Technical Documentation	
RED, Article 3.1a		not assessed
EMC	Technical Documentation	
RED, Article 3.1b		conform
Radio Spectrum	Technical Documentation	
RED, Article 3.2		conform
Additional Requirements	Technical Documentation	
RED, Article 3.3 d		not assessed
RED, Article 3.3 e		not assessed
RED, Article 3.3 f		not assessed
RED, Article 3.3 f		not assessed
RED, Article 3.4		not assessed

Product Characteristics

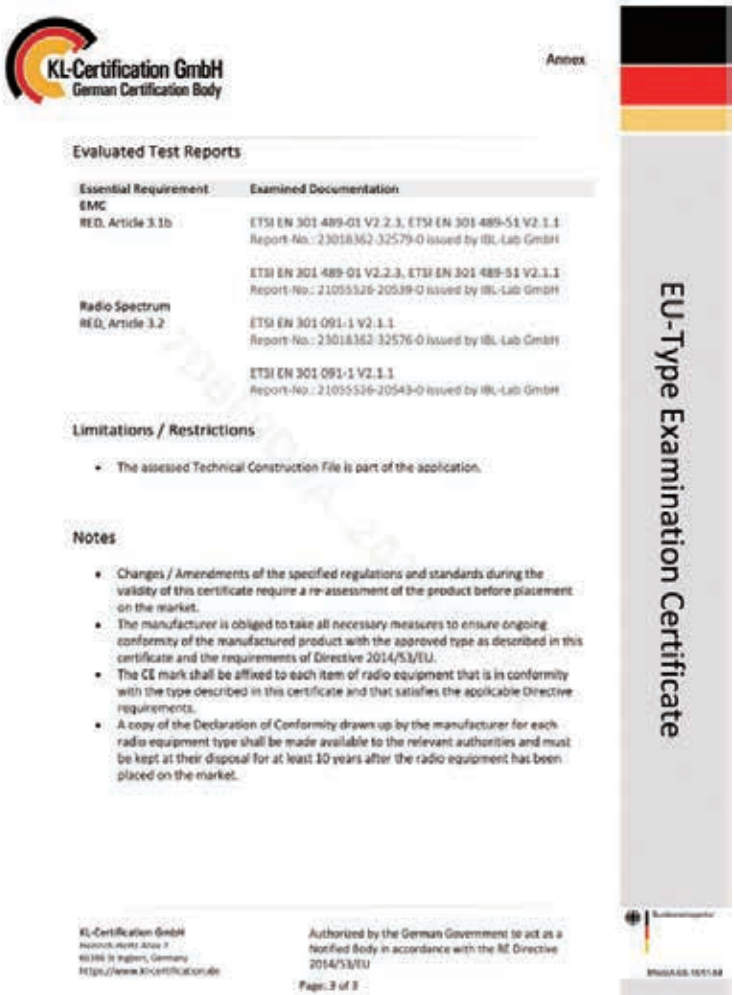
Brand Name		BOSCH
Hardware Version		0203388454-01 (CP23)
		0203.388.069-01 (C35.3) (back connector)
		0203.388.070-01 (C35.3) (side connector)
Software Version		1037609608
		1037609608_pre
Operating Frequency	SRR	76-77 GHz
Output Power	SRR	30.16 dBm (peak E.I.R.P)
Antenna		Internal/External Antenna(s)
Temperature		-40°C - +85°C

KL-Certification GmbH
Heinrich-Hertz-Straße 7
66386 St Ingbert, Germany
https://www.kl-certification.de

Authorized by the German Government to act as a Notified Body in accordance with the RE Directive 2014/53/EU

Page: 2 of 3

Declaration of Conformity



KL-Certification GmbH
German Certification Body

Annex

EU-Type Examination Certificate

Evaluated Test Reports

Essential Requirement	Examined Documentation
EMC RED, Article 3.1b	ETSI EN 301 489-01 V2.2.3, ETSI EN 301 489-51 V2.1.1 Report-No.: 23018362-32579-0 issued by IBL-Lab GmbH
	ETSI EN 301 489-01 V2.2.3, ETSI EN 301 489-51 V2.1.1 Report-No.: 21055526-20539-0 issued by IBL-Lab GmbH
Radio Spectrum RED, Article 3.2	ETSI EN 301 091-1 V2.1.1 Report-No.: 23018362-32576-0 issued by IBL-Lab GmbH
	ETSI EN 301 091-1 V2.1.1 Report-No.: 21055526-20543-0 issued by IBL-Lab GmbH

Limitations / Restrictions

- The assessed Technical Construction File is part of the application.

Notes

- Changes / Amendments of the specified regulations and standards during the validity of this certificate require a re-assessment of the product before placement on the market.
- The manufacturer is obliged to take all necessary measures to ensure ongoing conformity of the manufactured product with the approved type as described in this certificate and the requirements of Directive 2014/53/EU.
- The CE mark shall be affixed to each item of radio equipment that is in conformity with the type described in this certificate and that satisfies the applicable Directive requirements.
- A copy of the Declaration of Conformity drawn up by the manufacturer for each radio equipment type shall be made available to the relevant authorities and must be kept at their disposal for at least 10 years after the radio equipment has been placed on the market.

KL-Certification GmbH

Authorized by the German Government to act as a Notified Body in accordance with the RE Directive 2014/53/EU

Page: 3 of 3

UK:



BOSCH

DECLARATION OF CONFORMITY

Robert Bosch GmbH
Postfach 16 61
71226 Leonberg
Visitor:
Dürnerstraße 9
71229 Leonberg
Tel.0711 811-0
www.bosch.com

ITA.BoschRadar@de.bosch.com

2024-03-27

In accordance with UK Government guidance.

We declare under our sole responsibility that our product,

Model name
FSCP12

Type of device
Automotive Motion Sensor

Hardware version
0203.3BB.069-01 (C35.3) (connector back) ,0203.3BB.070-01 (C35.3) (connector side) 0203.3BB.454-01 (CP23)

Software version
1037609608_pre

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

FSCP12_UK_DoC_20240327.docx

Declaration of Conformity

BOSCH

2024-03-27
Page 2 of 3

Notified body
KL-Certification GmbH Heinrich-Hertz-Allee 7 66386 St. Ingbert, Germany **EU NB Identification Number 2784** EU Type Examination Certificate Number: T.2023.11.0003 Assessed RED articles: 3.1b, 3.2 Date: 2023-12-13, Valid until: 2033-12-12

is in conformity with the relevant UK Statutory Requirements (and their amendments):

The Radio Equipment Regulations 2017 (SI 2017/1206).

The following standards were applied when carrying out the conformity assessment:

Standard	Title	Regulation
DIN EN 62368-1:2014 / AC:2015 / A11:2017	Audio/video, information and communication technology equipment – Part 1: Safety requirements **Report:** 21055526-20541-0	6(1)(a)
DIN EN 62311 VDE 0848-311:2008-09	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz) (IEC 62311:2007, modified); **Report:** 21055526-20540-0	6(1)(a)
ETSI EN 301 489-01 V2.2.3	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU **Reports:** 21055526-20539-0, 23018362-32579-0	6(1)(b)
ETSI EN 301 489-51 V2.1.1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 51: Specific conditions for Automotive, Ground based Vehicles and Surveillance Radar Devices using 24,05 GHz to 24,25 GHz, 24,05 GHz to 24,5 GHz, 76 GHz to 77 GHz and 77 GHz to 81 GHz; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU **Reports:** 21055526-20539-0, 23018362-32579-0	6(1)(b)

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2024-09-27
Page 3 of 3

Standard	Title	Regulation
EN 301 891-1 V2.1.1	Short Range Devices; Transport and Traffic Telematics (TTT); Radar equipment operating in the 76 GHz to 77 GHz range; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 1: Ground based vehicular radar **Reports:** 21055526-20543-0, 23018362-32578-0	6(2)
EN 303 396 V1.1.1	Short Range Devices; Measurement Techniques for Automotive and Surveillance Radar Equipment **Reports:** 21055526-20543-0, 23018362-32578-0	6(2)

Assessment	231019 FSCP12_RE-D_Riskassesement.pdf

ROBERT BOSCH GMBH
Postfach 1666 · D-71226 Leonberg
Hanns-Klemm-Str. 9 · D-71229 Leonberg

Leonberg,
2024-09-27

i.V.
Sven Jordan
Director XC-AC/ERT

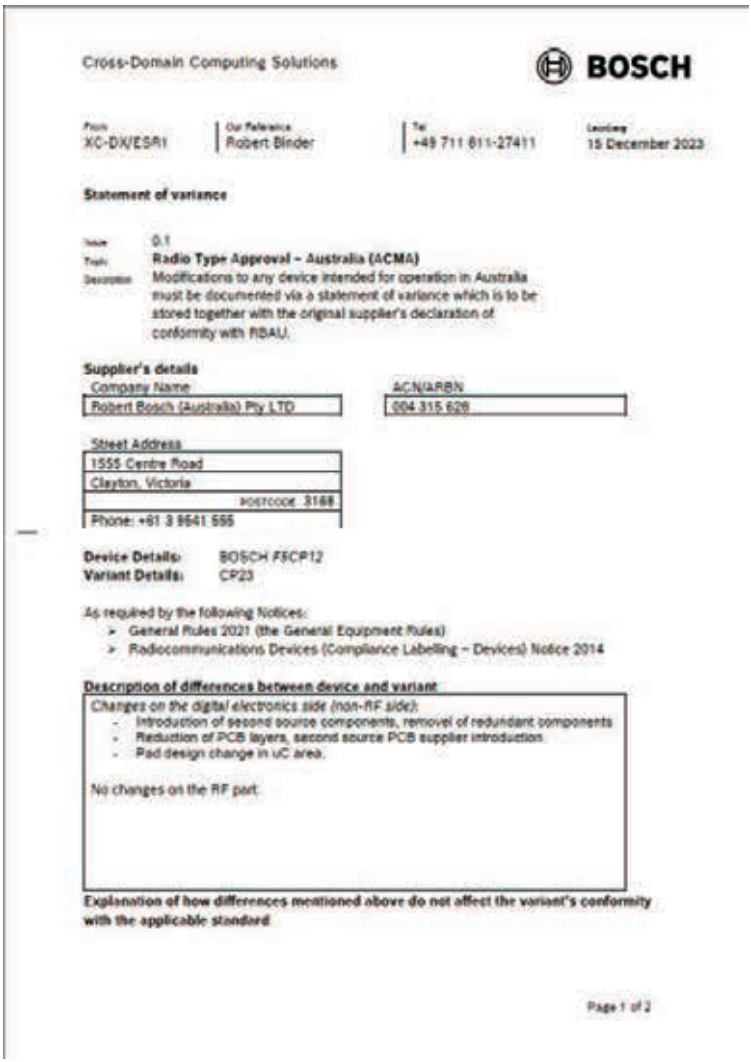
i.V.
Lukas Wassermann
Director XC-AC/ERI

Author:
XC-AC/ERI1 RB

FSCP12_UK_DoC_20240927.docx

Declaration of Conformity

Australia:



Cross-Domain Computing Solutions

BOSCH

From	Our Reference	Tel	Leonberg
XC-DX/ESR1	Robert Binder	+49 711 811-27411	15 December 2023

Statement of variance

Issue 0.1
Topic **Radio Type Approval – Australia (ACMA)**
Description Modifications to any device intended for operation in Australia must be documented via a statement of variance which is to be stored together with the original supplier's declaration of conformity with RBAU.

Supplier's details

Company Name	ACN/ARBN
Robert Bosch (Australia) Pty LTD	004 315 628

Street Address
1555 Centre Road
Clayton, Victoria
POSTCODE 3168
Phone: +61 3 9541 555

Device Details: BOSCH *FSCP12*
Variant Details: CP23

As required by the following Notices:
- General Rules 2021 (the General Equipment Rules)
- Radiocommunications Devices (Compliance Labelling – Devices) Notice 2014

Description of differences between device and variant

Changes on the digital electronics side (non-RF side):
- Introduction of second source components, removal of redundant components
- Reduction of PCB layers, second source PCB supplier introduction
- Pad design change in uC area.

No changes on the RF part.

Explanation of how differences mentioned above do not affect the variant's conformity with the applicable standard

Page 1 of 2

Cross-Domain Computing Solutions

BOSCH

From	Our Reference	Tel	Leonberg
XC-DX/ESR1	Robert Binder	+49 711 811-27411	15 December 2023

Report
Issue
Topic

No changes to the RF behaviour were expected due to the applied changes. To verify the variants compliance new tests were performed according to the applicable standards, see below

Compliance – applicable standards and other supporting documents

Telecommunications Requirement – F2018C00604 -> Does not apply as radar sensor not connected to telecommunications network
Radiocommunications (EME/EMR) Requirement – F2021L01568 -> EN Health Test Report: *the original EN health test report is still valid as the RF power remains the same as before*
Radiocommunications (EMC) Requirement – F2021C01287 -> exempt according to Schedule 2, point 9
Radiocommunications (RF) Requirement – F2021C01306 EN RF Test Report: *23018362-92576-0 (2023-09-25) by* iBL-Lab GmbH

Declaration

I hereby declare that:

1. I am authorised to make this statement on behalf of the company mentioned above,
2. the contents of this form are true and correct; and
3. the product mentioned above complies with the applicable above mentioned standards and all products supplied under this statement will be identical to the product identified above.

pki, BOSCH, APAC, B, L, Blagoj Spasevski SIGNATURE	General Manager Engineering and Validation XD/GMM-VR5 POSITION IN ORGANISATION
Blagoj Spasevski PRINT NAME	DATE

Page 1 of 2

Declaration of Conformity

New Zealand:

Chassis Systems Control

BOSCH

Please enter addresses

Robert Bosch GmbH
Postfach 30 02
71226 Leonberg
Visitor
Dunkelrotstraße 9
71229 Leonberg
Tel 0711 811-0
www.bosch.com

Katrina Velten, XC-DX/ESR1
Tel +49 711 811-37697
ita.boschradar@de.bosch.com

27 January 2022

New Zealand: Automotive Radar: license exempt for series & spare parts

Document Version Nr.: 2.0

To whom it may concern,

General exemption
As described in Section 3 (2) of

Radiocommunication Regulations (mutual recognition: Australia) Notice 2008, Notice Number 2008-go7355 Issue Number 152, dated 2. October 2008, from the *New Zealand Gazette*

3. Exemption requirements –
(2) If:
(a) a product is of a class to which the Radiocommunications (Radio Standards) Notice 2007 applies, or a notice in replacement thereof, and
(b) the applicable standard is an ACMA Radiocommunications Standard specified in that notice,

then the product is exempt from the requirement to be the subject of a New Zealand declaration of conformity and to comply with New Zealand labelling requirements, provided the product is declared, labelled and supplied in accordance with the Radiocommunications (Compliance Labelling) Notice 2003, or a notice in replacement thereof, issued by the ACMA under section 182 of the Radiocommunications Act 1992 (Australia).

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

Chassis Systems Control

BOSCH

27 January 2022
Page 2 of 2

Spare parts exemption
As described in Section 3 (b)(ii) of

Radiocommunications (EMC Standards) Notice 2019, Notice Number 2019-go2372, dated 4. June 2019, from the *New Zealand Gazette*

3. Scope -
(b) The following products are exempt from the requirement to be the subject of a declaration of conformity and to be labelled:
(ii) a spare part intended for use in replacing parts of a product.

Series parts exemption
As described in Section 3 (b)i of

Radiocommunications Regulations (Radio Standards) Notice 2020, Notice Number 2020-go115, dated 29. January 2020, from the *New Zealand Gazette*

3. Scope -
(b) If a product fits any of the following descriptions, the product is exempt from the requirement to be the subject of a declaration of conformity and to be labelled. The products are
i. short range device (SRD) radio transmitters installed in vehicles at the time of manufacture.

Summary
According to the relevant New Zealand Regulations as listed above, both series and spare parts are exempt from the requirement to be the subject of a New Zealand declaration of conformity and to comply with New Zealand labelling requirements.
In addition, compliance has been declared for the automotive sensors from Robert Bosch GmbH as per the ACMA Self Declaration of Conformity under the Australian Radiocommunications standards.

Yours sincerely,

Robert Bosch GmbH
Katrina Velten

i.V.

Lukas Wassermann
Department Leader XC-DX/ESR
Robert Bosch GmbH

i.V. Michael Klar

Michael Klar
Department Leader XC-DX/ECR
Robert Bosch GmbH

Declaration of Conformity

Thailand:

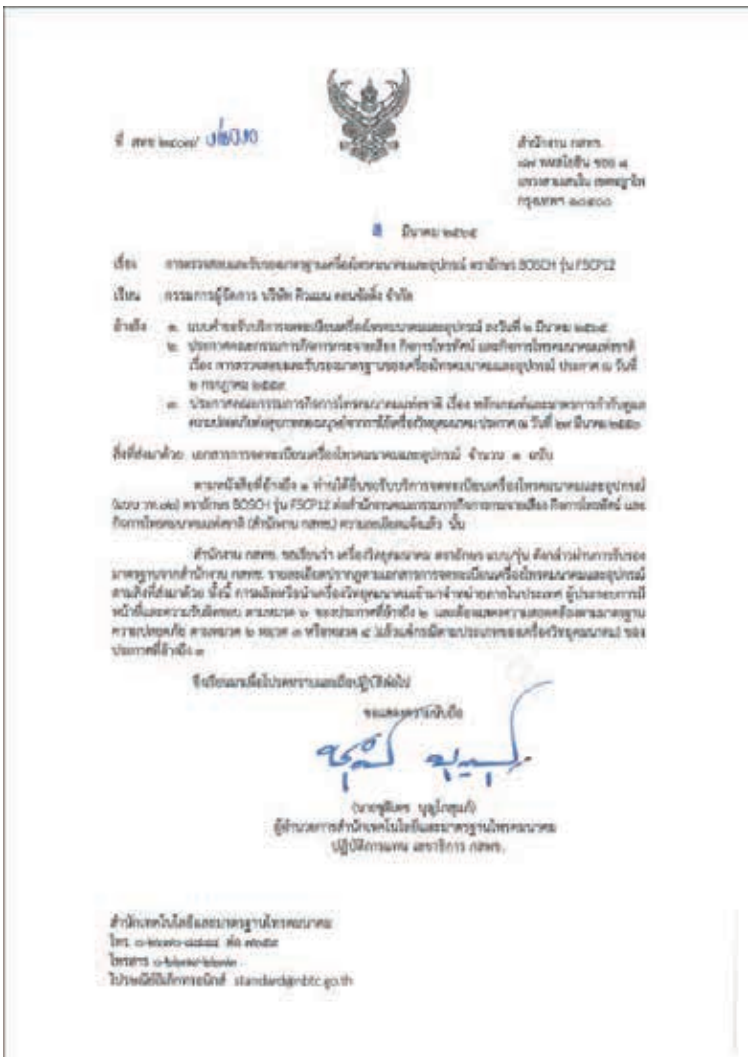

สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์และกิจการโทรคมนาคมแห่งชาติ
The Office of National Broadcasting and Telecommunications Commission
หมายเลขการจดทะเบียน (Registration Number): A57008-22
เครื่องโทรคมนาคมและอุปกรณ์ดังมีรายละเอียดต่อไปนี้ ได้รับการจดทะเบียนเครื่องโทรคมนาคม
และอุปกรณ์ จากสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์และกิจการโทรคมนาคมแห่งชาติ แล้ว
ยี่ห้อการค้า (Brand Name) : BOSCH
รุ่น/แบบ (Model) : ESCP12
ผู้ขึ้นทะเบียน : บริษัท ฮิวแมน เทคนิค จำกัด
วันที่ 2 มีนาคม 2565
(Date of Registration)
ลายเซ็น (Signature)
(วันชัย บุญโกศล)
ผู้ช่วยเลขาธิการสำนักงานคณะกรรมการกิจการกระจายเสียง
กิจการโทรทัศน์และกิจการโทรคมนาคม
แห่งชาติ ปฏิบัติราชการแทน

รายงานการรองทะเบียนเครื่องโทรคมนาคมและอุปกรณ์

รายการ	การรองทะเบียนเครื่องโทรคมนาคมและอุปกรณ์
เลขที่รับ	557
วันที่รับ	2 มีนาคม 2565
ผู้ยื่นคำขอ	บริษัท โรเบิร์ต คอมบ์ชั้น จำกัด ที่อยู่ 34/35 ชั้นอาคารนิวาส 45 และ 14-14 ถนนนาคนิวาส แขวงลาดยาว เขตจตุจักร กรุงเทพมหานคร 10230
ประเภท	เครื่องโทรคมนาคมและอุปกรณ์ ☐ เครื่องโทรคมนาคม ☑ เครื่องวิทยุคมนาคม (Vehicle Radar) ☐ อุปกรณ์
ยี่ห้อ	BOSCH
รุ่น	FSCF12
เอกสารประกอบการพิจารณา	
1	สำนักงานได้ผลการทดสอบจากห้องปฏิบัติการ IBL-Lab GmbH, Germany ☑ RF TEST หมายเลข: 21055526-20543-0 ลงวันที่: 18 มกราคม 2565 มาตรฐานที่กำหนด: EN 301 091-1 V2.1.1 ☑ EMF TEST หมายเลข: 21055526-20540-0 ลงวันที่: 6 กุมภาพันธ์ 2565 มาตรฐานที่กำหนด: EN 62311 ☑ Electrical Safety Test หมายเลข: 21055526-20541-0 ลงวันที่: 7 กุมภาพันธ์ 2565 มาตรฐานที่กำหนด: IEC 62368-1
2	☑ ข้อกำหนดทางเทคนิค(Technical Specifications) ☑ แค็ตตาล็อก(Catalogue)

Declaration of Conformity

กฎ ระเบียบ ที่เกี่ยวข้อง	
พ.ร.บ.	☑ มาตรา 85 แห่ง พ.ร.บ.องค์กรจัดสรรคลื่นความถี่และกำกับการประกอบกิจการวิทยุกระจายเสียง วิทยุโทรทัศน์ และกิจการโทรคมนาคม พ.ศ. 2553
มาตรฐาน	☑ กสทช.มท.1011-2560 ลงวันที่ 28 มีนาคม พ.ศ. 2560 ☑ กทช.มท.5001-2550 ลงวันที่ 29 มีนาคม พ.ศ. 2550
ประกาศ	☑ ประกาศ กสทช. เรื่อง หลักเกณฑ์การอนุญาตให้ใช้เครื่องวิทยุคมนาคมระบบเรดาร์ที่ใช้ติดตั้งในรถยนต์ (Vehicle Radar) ลงวันที่ 28 มีนาคม พ.ศ. 2560 ☑ ประกาศ กทช. เรื่อง มาตรฐานความปลอดภัยต่อสุขภาพของมนุษย์จากการใช้เครื่องวิทยุคมนาคม ลงวันที่ 29 มีนาคม 2550
ผลการพิจารณา	1. ผลการพิจารณาเครื่องวิทยุคมนาคม ตราฮิกษ BOSCH รุ่น FSCP12 2. สอดคล้องตามมาตรฐานและเทคนิคและประกาศที่เกี่ยวข้อง 3. เป็นเครื่องวิทยุคมนาคมระบบเรดาร์ที่ใช้ติดตั้งในรถยนต์ (Vehicle Radar) ได้รับยกเว้นไม่ต้องได้รับใบอนุญาตนี้ ใช้ นำเข้าซื้อเครื่องวิทยุคมนาคม และใบอนุญาตตั้งสถานีวิทยุคมนาคม แต่ไม่ได้รับยกเว้นใบอนุญาตนำ นำเข้า ค้าซื้อเครื่องวิทยุคมนาคม (เหมือนการค้าซื้อเครื่องวิทยุคมนาคม)
สรุปผล	
ประเภท	Vehicle Radar
ตราฮิกษ	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
	(นายสุรเกษม์ ทองหม) พนักงานผู้ตรวจสอบ (นายพงศักดิ์ หน่ำศรี) รก. ผอก.



ที่ สทช ๒๐๐๗/ ๑๒๘๗๐

สำนักงาน กสทช.
เลขที่ ๖๘/๒๓ หมู่ ๔
ถนนแจ้งวัฒนะ ตำบลบางตลาด
กรุงเทพฯ ๑๑๒๑๐

๒ มีนาคม ๒๕๖๔

เรื่อง การตรวจสอบและรับรองมาตรฐานเครื่องโทรคมนาคมและอุปกรณ์ ตราลักษณ์ BOSCH รุ่น FSCP12

เรียน กรรมการผู้จัดการ บริษัท ทิวแมน คอนซัลติ้ง จำกัด

อ้างถึง ๑. แบบคำขอรับบริการทดสอบเพื่อเชื่อมโยงโครงข่ายโทรคมนาคมและอุปกรณ์ ลงวันที่ ๒ มีนาคม ๒๕๖๔
๒. ประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์ ประกาศ ณ วันที่ ๒ กรกฎาคม ๒๕๕๓
๓. ประกาศคณะกรรมการกิจการโทรคมนาคมแห่งชาติ เรื่อง หลักเกณฑ์และอัตราการกำกับดูแลความปลอดภัยต่อสุขภาพของมนุษย์จากการใช้เครื่องวิทยุคมนาคม ประกาศ ณ วันที่ ๒๙ มีนาคม ๒๕๕๐

สิ่งที่ส่งมาด้วย แบบรายการทดสอบเชื่อมโยงโครงข่ายโทรคมนาคมและอุปกรณ์ จำนวน ๑ ฉบับ

ตามหนังสือที่อ้างถึง ๑ ท่านได้ยื่นขอรับบริการทดสอบเชื่อมเครื่องโทรคมนาคมและอุปกรณ์ (แบบ วท.๐๑) ตราลักษณ์ BOSCH รุ่น FSCP12 ต่อสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ (สำนักงาน กสทช.) ความละเอียดแจ้งแล้ว นั้น

สำนักงาน กสทช. ขอเรียนว่า เครื่องวิทยุคมนาคม ตราลักษณ์ แบบ/รุ่น ดังกล่าวผ่านการรับรองมาตรฐานจากสำนักงาน กสทช. รายละเอียดปรากฏตามเอกสารการทดสอบเชื่อมเครื่องโทรคมนาคมและอุปกรณ์ตามสิ่งที่ส่งมาด้วย นี้ดี การเชื่อมโยงเข้าเครื่องวิทยุคมนาคมเข้ามาจำหน่ายภายในประเทศ ผู้ประกอบการมีหน้าที่และความรับผิดชอบ ตามหมวด ๖ ของประกาศที่อ้างถึง ๒ และต้องแสดงความสอดคล้องมาตรฐานความปลอดภัย ตามหมวด ๒ หมวด ๓ หรือหมวด ๔ แล้วแต่กรณีตามประเภทของเครื่องวิทยุคมนาคม ของประกาศที่อ้างถึง ๓

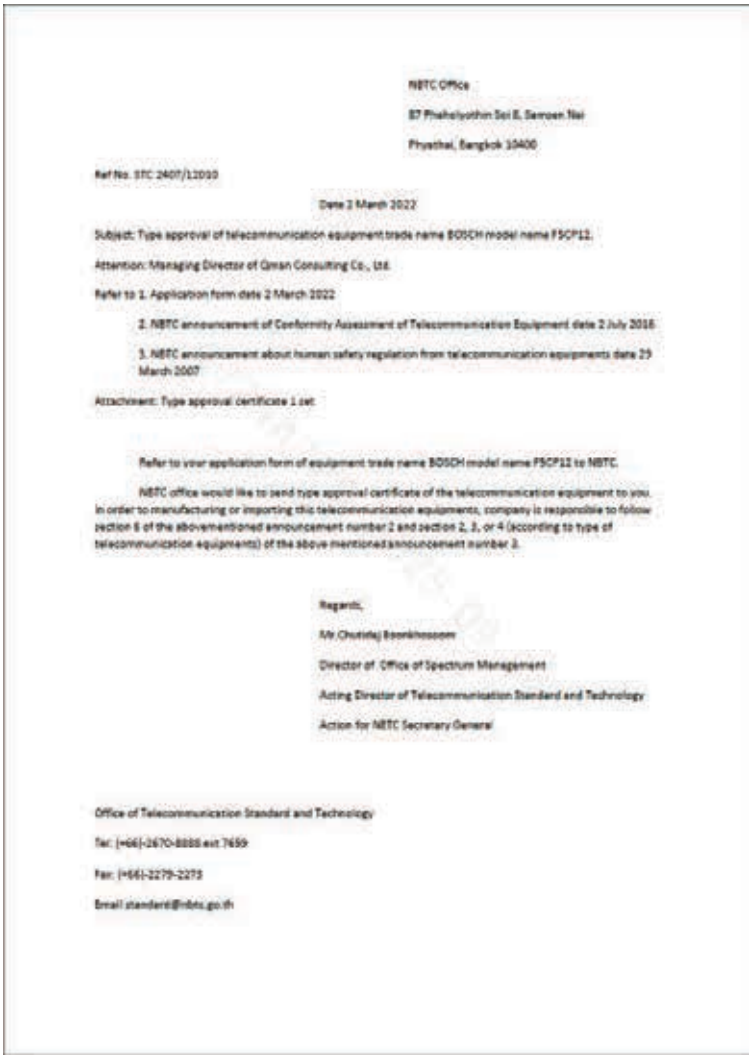
จึงเรียนมาเพื่อโปรดทราบและถือปฏิบัติต่อไป

ขอแสดงความนับถือ

(นายสุมิตร บุญโกศุมภ์)
ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม
ปฏิบัติการแทน เลขาธิการ กสทช.

สำนักเทคโนโลยีและมาตรฐานโทรคมนาคม
โทร. ๐-๒๖๖๗๓-๘๘๘๘ ต่อ ๗๓๐๕
โทรสาร ๐-๒๖๖๗๓-๖๗๗๗
ไปรษณีย์อิเล็กทรอนิกส์ standard@nbtc.go.th

Declaration of Conformity



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 Qmax Consulting Co., Ltd.

Refer to 1. Application form date 2 March 2022

2. NBTC announcement of Conformity Assessment of Telecommunication Equipment date 2 July 2018

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.Chutintaj 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

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.:	FSCP12
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 | #MDigitalArchitect

Declaration of Conformity

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]

ODP/005/IF 2016

www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

INFOCOMM MEDIA DEVELOPMENT AUTHORITY

@IMDAsg | #IMDigitalArchitect

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 EUROMAS MOTOR INDONESIA
2.	Nomor Induk Berusaha (NIB)	: 8120109932859
3.	Alamat Kantor	: Jalan Teuku Nyak Arief nomor 80, 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)	: 46101 - Perdagangan Besar Mobil Baru
6.	Lokasi Usaha	: Jalan Teuku Nyak Arief No. 80 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 penahbn;
   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 piranti 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 pemasukan atau visi Guna resmi oleh pemilik merek yang berkedudukan di luar wilayah Negara Kesatuan Republik Indonesia, melampirkan surat penunjukan sebagai pemasukan 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 tingkat pemrosotan, 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, tanggung jawab sepenuhnya pada Pelaku Usaha
2. Dalam hal terdapat perubahan di dokumen ini akan dilakukan perbaikan sebagaimana mestinya
3. Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSrE-BSSN
4. Data Angka Pertama Berusaha dapat diberikan melalui sistem OSS menggunakan fail akses

Balai Sertifikasi Elektronik

Declaration of Conformity

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



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-UMKU : 012010932059000000000

Lampiran ini sebagai ini merupakan satu kesatuan Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

SERTIFIKAT / *CERTIFICATE*

NOMOR / *NUMBER* : 112995/DJID/2025

Nama Perangkat	Radar sensor	Diajukan Oleh	PT EUROKARS MOTOR INDONESIA
Merek	Bosch	Alamat	Jalan Teuku Nyak Arief nomor 80, Desa/Kelurahan Orogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta, Kode Pos: 12220
Tipe	FSCP12	PLG ID	8032
Buatan	China	Tanggal Terbit	01 Agustus 2025
Referensi	: KEPMEN KOMINFO NOMOR 260 TAHUN 2024		
Frekuensi Kerja	Radar ORD : 76 GHz - 77 GHz Radar SRD : Daya Pancar : < 55 dBm		

DISARDEMO

Declaration of Conformity

Malaysia:



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RGLN/77A/0825/5(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.

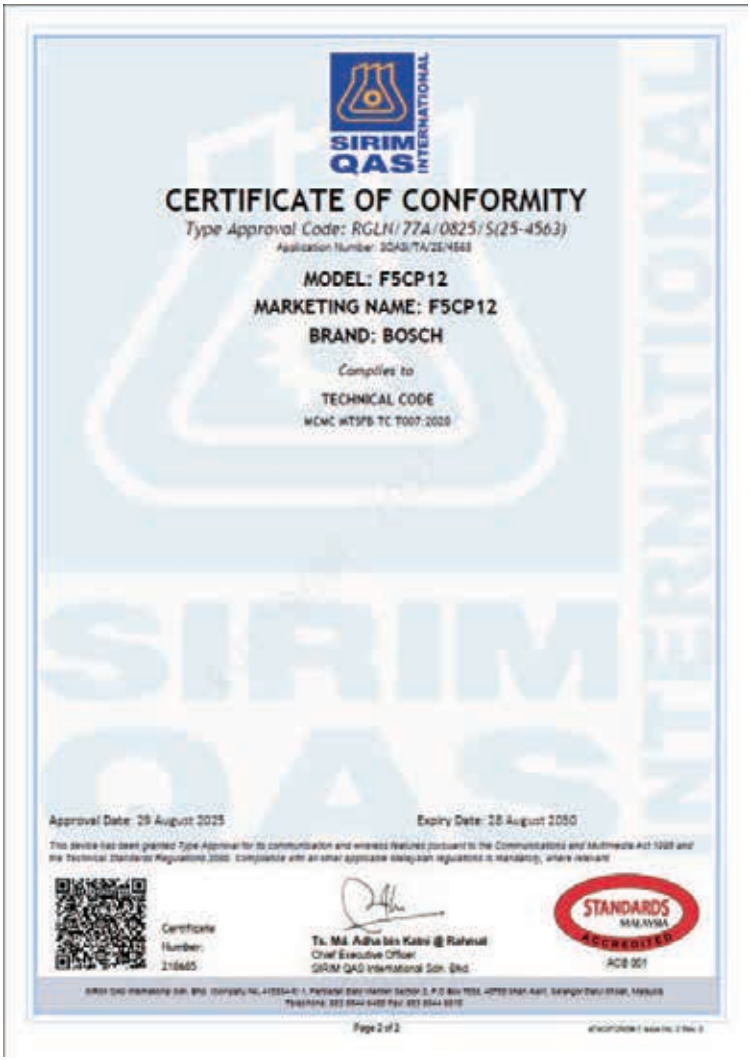
Certificate Number: 218485

Ts. Md. Adha bin Kasni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED
ACB 001

SIRIM QAS International Sdn. Bhd. Company No. 413294-K, 1, Persiaran Dato' Hamzah Sendirian, Seksyen 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: RGLN/77A/0825/S(25-4563)

Application Number: 3QAS/TA/25/4563

MODEL: F5CP12

MARKETING NAME: F5CP12

BRAND: BOSCH

Complies to

TECHNICAL CODE

MCMC MTSFB TC T007:2020

Approval Date: 28 August 2025 Expiry Date: 28 August 2050

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 statutory/law regulations is mandatory, where relevant

Certificate Number: 216465

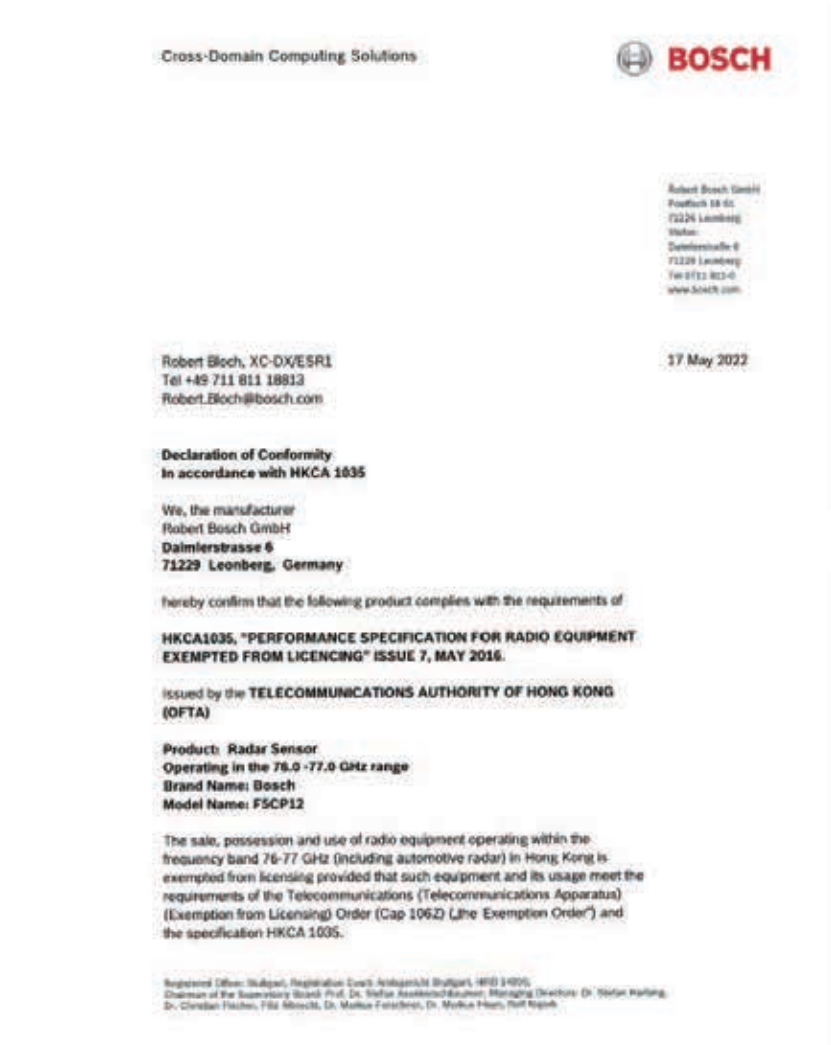
Ts. Md. Adha bin Kabri @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED
AC8 001

Page 2 of 2

Declaration of Conformity

Hong Kong:



Cross-Domain Computing Solutions

BOSCH

Robert Bosch GmbH
Postfach 10 60
71226 Leonberg
Visitor:
Dieselstraße 6
71229 Leonberg
Tel 0711 811-0
www.bosch.com

Robert Bloch, XC-DX/ESR1
Tel +49 711 811 18813
Robert.Bloch@bosch.com

17 May 2022

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 Mirochi, Dr. Markus Forschner, Dr. Markus Heyn, Rolf Najork

Cross-Domain Computing Solutions

BOSCH

17 May 2022
Page 2 of 2

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.

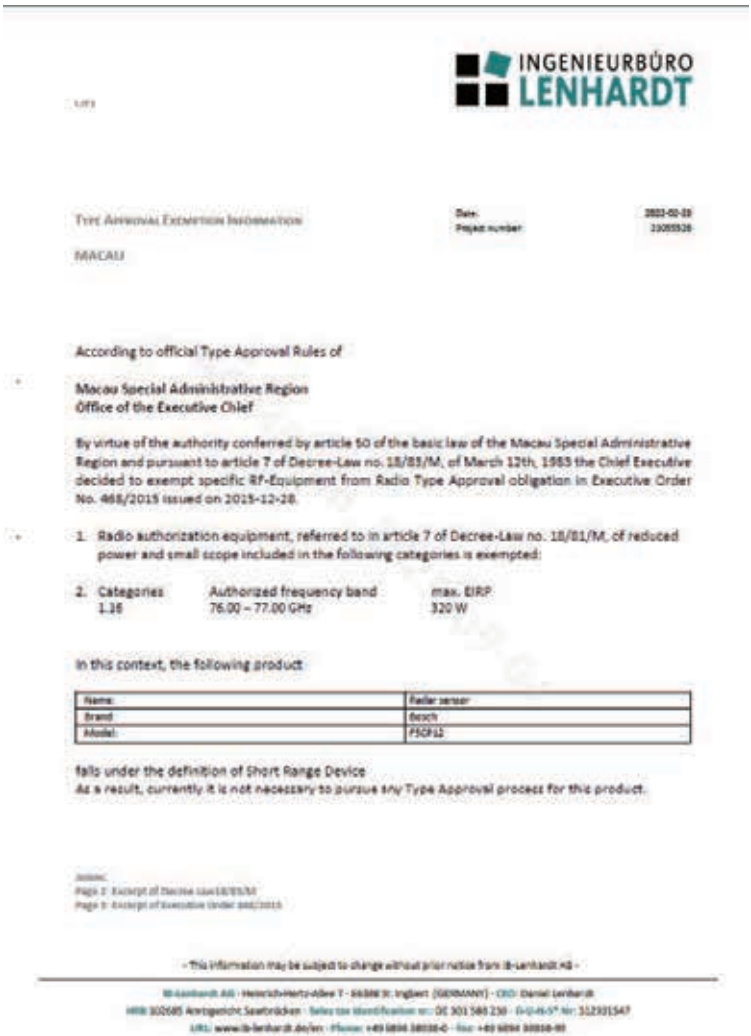
Leonberg, 2022-05-17

Lukas Wassermann
Department Director XC-DX/ESR
Robert Bosch GmbH

Michael Klar
Department Director XC-DX/ECR
Robert Bosch GmbH

Declaration of Conformity

Macau:



INGENIEURBÜRO LENHARDT

TYPE APPROVAL EXEMPTION INFORMATION

Date: 2022-02-03
Project number: 13055526

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:	FSCP12

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 Law 18/83/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 no.: DE 301 580 230 · D-U-N-S® Nr: 312331547
URL: www.ib-lenhardt.de/en · Phone: +49 6894 380368-0 · Fax: +49 6894 380368-99

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 — Nº 11 — III

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 de autorização os equipamentos de radiocomunicações utilizados pelas Forças de Segurança e Polícia Judiciária, para satisfação das necessidades colectivas de segurança e ordem pública.

- The 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 103685 Amtsgericht Saarbrücken · Sales tax identification no.: DE 301 599 230 · D-U-N-S® No.: 312931547
URL: www.ib-lenhardt.de/en · Phone: +49 6894 36938-0 · Fax: +49 6894 36938-99

Declaration of Conformity

Israel:



Corner Radar

Europe:



Notified Body
TÜV Rheinland
LGA Products GmbH
Tillystraße 2
90431 Nürnberg
notified by the
Bundesnetzagentur für Elektrizität, Gas,
Telekommunikation, Post und Eisenbahnen
under No. 0197
herewith issues an

EU-Type Examination Certificate

within the meaning of Annex III Module B of the 2014/53/EU Radio Equipment Directive (RED)
for compliance with the essential requirements of this directive

Registration Number: RT 60174399 0001
Evaluation Report Nr.: CN23AYNE 001

Manufacturer: WHST CO., LTD.
Factory 1,
West of Qingshuihe Road,
East District of Economic & Technological Development Zone
Wuhu City,
Anhui
P.R. China

Product: Radio Equipment
(Corner radar)

Type Identification: STA79-2-D
(WHST)

Essential requirements: 2014/53/EU (RED)
Article 3.1a Health
Article 3.1a Electrical Safety
Article 3.1b EMC
Article 3.2 Radio spectrum

The technical design of the assessed type has been verified based on the technical documentation presented by the manufacturer according to Annex III Module B of the Directive. As far as the essential requirements indicated, the Notified Body of TÜV Rheinland LGA Products GmbH confirms, that the technical design of the apparatus meets the essential requirements of the Directive 2014/53/EU Article 3.
This certificate consists of this page and Annex I.
Validity of the certificate is specified in the Annex I.

Date 19.12.2023

Notified Body
S. Peng

Declaration of Conformity

Annex 1
Certificate Registration No.: RT 60174399 0001

TÜVRheinland®
Precisely Right.

1 of 2

Equipment

Product : Corner radar
Trademark : WHST
Identification : STA79-2-D
Product description : The STA79-2-D radar is developed based on the 77GHz advanced MMIC technology, uses FMCW solution and advanced signal and data processing technologies. It can detect multi-target stably and measure multi-parameter information sensitively.

System description

Frequency band(s) of operation	:	76GHz to 77GHz
Operating frequency	:	76GHz to 77GHz
Channel spacing / bandwidth	:	1GHz
RF output power	:	13.65dBm (max.e.i.r.p.)
Type of modulation	:	FMCW
Type of antenna	:	Array patch antenna
Mode of operation (simplex / duplex)	:	n/a
Duty cycle (access protocol, if applicable)	:	Up to 100%
Hardware version	:	V1.0
Software version	:	V1.0

Documentation

User information and installation instructions	☒
Block diagram	☒
Circuit diagram	☒
Part list	☒
PCB layout	☒
Photo documentation	☒
Versions of firmware/software used	☒
Statement of compliance with art. 10.2 it can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.	☒
Risk Analysis	☒

Conformity Assessment

Applied harmonised standards
(Referred to the publication of harmonised standards in the official Journal of the EU at the time of issuance)

Article	Standard	Test Report No.	Issued by
3.1a Health			
3.1a Safety			
3.1b EMC			
3.2 Radio			
3.3 Others			

Applied non-harmonised standards

Article	Standard	Test Report No.	Issued by
3.1a Health	EN IEC 62311:2020	CN23LKCR 002	TÜV Rheinland (Shenzhen) Co., Ltd.
3.1a Safety	EN 62368-1:2014+A11:2017	CN23PORE 001	TÜV Rheinland (Shenzhen) Co., Ltd.
3.1b EMC	EN 301 489-1 V2.2.3 EN 301 489-51 V2.1.1	CN23LKCR 001	TÜV Rheinland (Shenzhen) Co., Ltd.
3.2 Radio	EN 301 091-1 V2.1.1	CN23LKCR 002	TÜV Rheinland (Shenzhen) Co., Ltd.

Other solutions, adopted to meet the essential requirements

Article	Standard	Test Report No.	Issued by
3.1a Health			

Annex 1
Certificate Registration No.: RT 60174399 0001

TÜVRheinland®
Precisely Right.

2 of 2

Rationale for applied non-harmonised standards or other solutions:

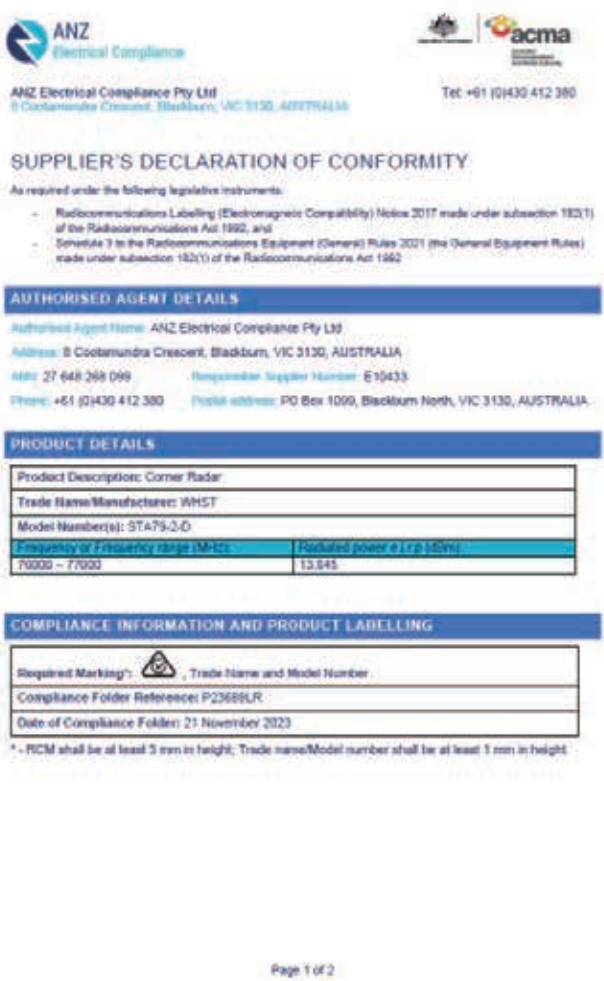
- EN IEC 62311: Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
- EN 62368-1 Audio/video, information and communication technology equipment - Part 1: Safety requirements
- EN 301 489-1 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; EN 301 489-51 Part 51: Specific conditions for Automotive, Ground based Vehicles and Surveillance Radar Devices using 24,05 GHz to 24,25 GHz, 24,05 GHz to 24,5 GHz, 76 GHz to 77 GHz and 77 GHz to 81 GHz
- EN 301 091-1 Short Range Devices; Transport and Traffic Telematics (TTT); Radar equipment operating in the 76 GHz to 77 GHz range; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 1: Ground based vehicular radar

Remarks:

- This Type Examination Certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.
- This Type Examination Certificate only relates to the assessment of technical documentation to verify that the technical design of radio equipment meets the essential requirements of the RED 2014/53/EU and will not show compliance with essential requirements of other possible applicable EU Directives.
- The manufacturer has declared in compliance with art. 10.2 that the Radio Equipment can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.
- Validity of this Type Examination Certificate is limited to the versions of the applied standard. If versions of standards change or modifications are made to the product, this Certificate will be invalidated.

Declaration of Conformity

Australia:



ANZ Electrical Compliance

ANZ Electrical Compliance Pty Ltd
8 Coolamundra Crescent, Blackburn, VIC 3130, AUSTRALIA

Tel: +61 (0)430 412 380

SUPPLIER'S DECLARATION OF CONFORMITY

As required under the following legislative instruments:

- Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2017 made under subsection 182(1) of the Radiocommunications Act 1992, and
- Schedule 3 to the Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules) made under subsection 182(1) of the Radiocommunications Act 1992

AUTHORISED AGENT DETAILS

Authorised Agent Name: ANZ Electrical Compliance Pty Ltd

Address: 8 Coolamundra Crescent, Blackburn, VIC 3130, AUSTRALIA

ABN: 27 648 268 099 Responsible Supplier Number: E10433

Phone: +61 (0)430 412 380 Postal address: PO Box 1099, Blackburn North, VIC 3130, AUSTRALIA

PRODUCT DETAILS

Product Description: Corner Radar
Trade Name/Manufacturer: WHST
Model Number(s): STA79-2-D

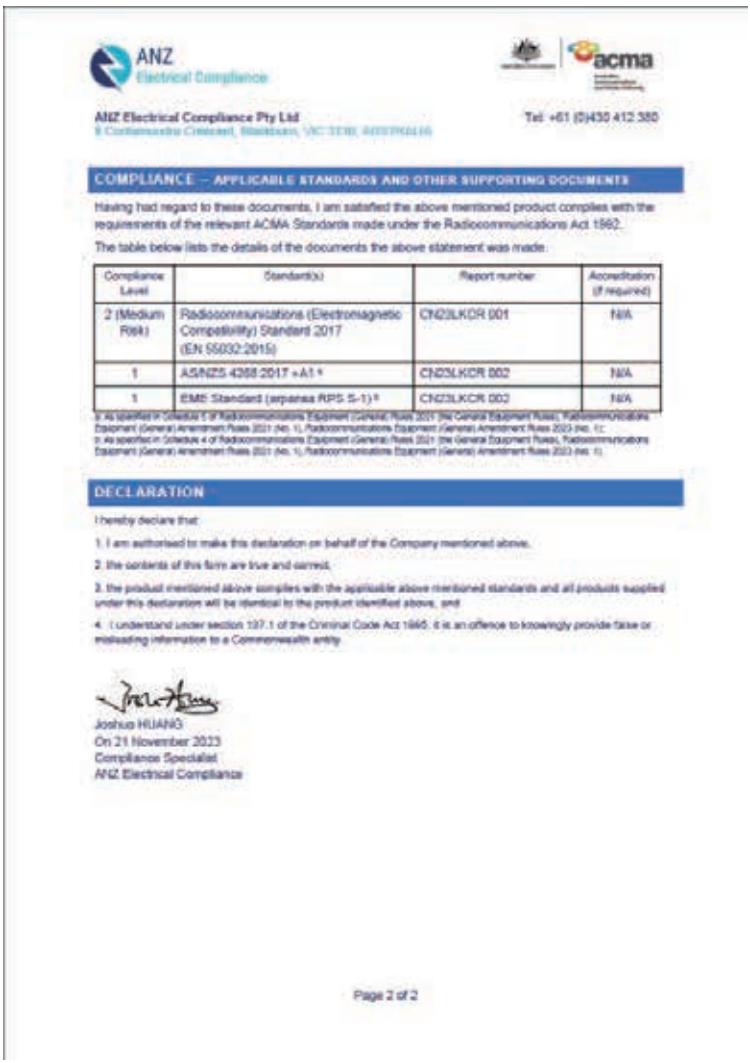
Frequency or Frequency range (MHz)	Radiated power e.i.r.p (dBm)
76000 – 77000	13.845

COMPLIANCE INFORMATION AND PRODUCT LABELLING

Required Marking*: , Trade Name and Model Number
Compliance Folder Reference: P23688LR
Date of Compliance Folder: 21 November 2023

* - RCM shall be at least 5 mm in height; Trade name/Model number shall be at least 1 mm in height

Page 1 of 2



ANZ Electrical Compliance

acma

ANZ Electrical Compliance Pty Ltd
8 Cottlesbridge Crescent, Blackburn, VIC 3130, AUSTRALIA

Tel: +61 (0)430 412 380

COMPLIANCE – APPLICABLE STANDARDS AND OTHER SUPPORTING DOCUMENTS

Having had regard to these documents, I am satisfied the above mentioned product complies with the requirements of the relevant ACMA Standards made under the Radiocommunications Act 1992.

The table below lists the details of the documents the above statement was made:

Compliance Level	Standard(s)	Report number	Accreditation (if required)
2 (Medium Risk)	Radiocommunications (Electromagnetic Compatibility) Standard 2017 (EN 55032:2015)	CNZSLKOR 001	N/A
1	AS/NZS 4268:2017 +A1 [a]	CNZSLKOR 002	N/A
1	EME Standard (arpansa RPS S-1) [b]	CNZSLKOR 002	N/A

a. As specified in Schedule 5 of Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules), Radiocommunications Equipment (General) Amendment Rules 2021 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2023 (no. 1);
b. As specified in Schedule 4 of Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules), Radiocommunications Equipment (General) Amendment Rules 2021 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2023 (no. 1).

DECLARATION

I hereby declare that:

1. I am authorised to make this declaration on behalf of the Company mentioned above;
2. the contents of this form are true and correct;
3. the product mentioned above complies with the applicable above mentioned standards and all products supplied under this declaration will be identical to the product identified above; and
4. I understand under section 137.1 of the Criminal Code Act 1995, it is an offence to knowingly provide false or misleading information to a Commonwealth entity.

Joshua HUANG
On 21 November 2023
Compliance Specialist
ANZ Electrical Compliance

Page 2 of 2

Declaration of Conformity



ANZ
Electrical Compliance

WHST Co., Ltd.
Factory 1, West of Gingshuihe Road
East District of Economic & Technological Development Zone
Wuhu City, Anhui Province
P.R. CHINA

LOCAL REPRESENTATIVE SERVICE NOTICE – AUSTRALIA

Dear Applicant,

Thank you for using our services to obtain a local representative to hold your compliance folders for WHST Corner Radar model STA79-2-CI. As part of this service, we have provided you with the following documents:
- ACMA Declaration of Conformity
- Agency Agreement

Our local representative has covered all compliance requirements when selling directly to the end consumer in Australia. Therefore, when selling directly to an end consumer no further action is required.

If a product is sold to an Australian company who will resell or distribute your product within Australia, then it is a requirement that this AU/NZ company completes the following:

1) Hold a copy of the ACMA Declaration of Conformity; and
2) Fill in table 1 and sign the Agency Agreement,and Post to
   PO Box 1099
   Blackburn North VIC 3130
   AUSTRALIA

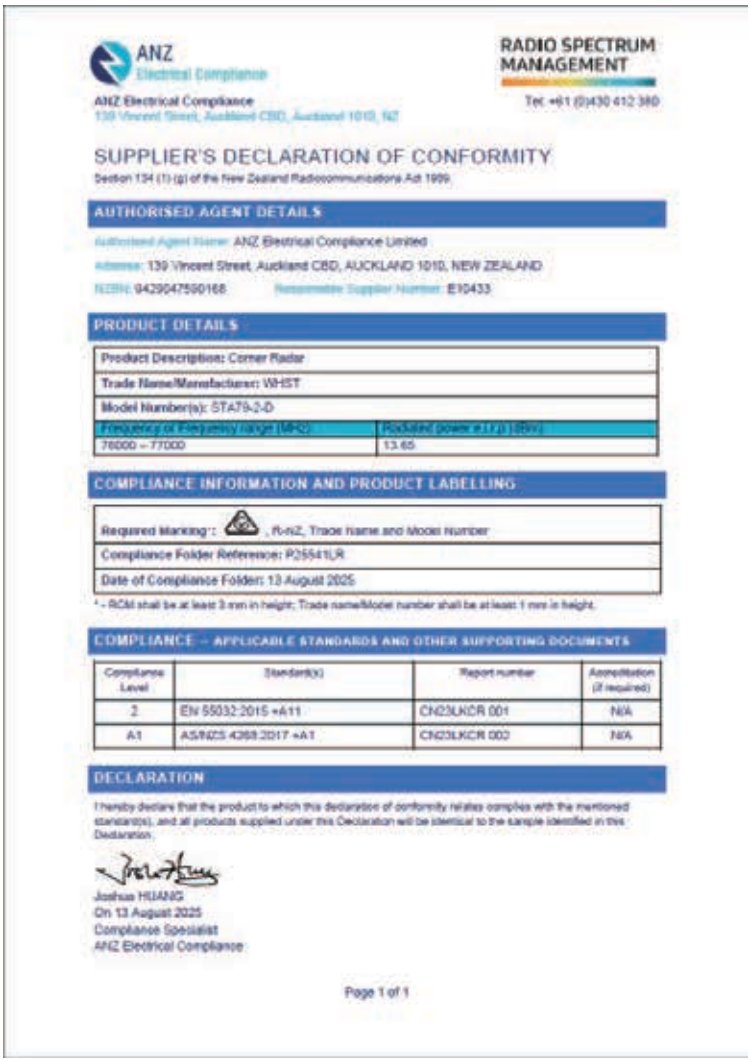
If you have any questions or concerns, please feel free to contact ANZ Electrical Compliance on +61 (0)430 412 380.

Sincerely,

Joshua HUANG
Compliance Specialist

+61 (0)430 412 380
8 Coonamundra Crescent
Blackburn, VIC 3130, AUSTRALIA

New Zealand:



ANZ
Electrical Compliance

RADIO SPECTRUM MANAGEMENT

ANZ Electrical Compliance
139 Vincent Street, Auckland CBD, Auckland 1010, NZ

Tel: +61 (0)430 412 380

SUPPLIER'S DECLARATION OF CONFORMITY

Section 134 (1) (g) of the New Zealand Radiocommunications Act 1989

AUTHORISED AGENT DETAILS

Authorised Agent Name: ANZ Electrical Compliance Limited

Address: 139 Vincent Street, Auckland CBD, AUCKLAND 1010, NEW ZEALAND

NZBN: 9429047590168 Responsible Supplier Number: E10433

PRODUCT DETAILS

Product Description: Corner Radar
Trade Name/Manufacturer: WHST
Model Number(s): STA79-2-D

Frequency or frequency range (MHz)	Radiated power e.i.r.p (dBW)
76000 – 77000	13.65

COMPLIANCE INFORMATION AND PRODUCT LABELLING

Required Marking*: , R-nZ, Trade name and Model Number
Compliance Folder Reference: P26541LR
Date of Compliance Folder: 13 August 2025

* - RCM shall be at least 3 mm in height; Trade name/Model number shall be at least 1 mm in height.

COMPLIANCE – APPLICABLE STANDARDS AND OTHER SUPPORTING DOCUMENTS

Compliance Level	Standard(s)	Report number	Accreditation (if required)
2	EN 55032:2015 +A11	CN23LKCR 001	N/A
A1	AS/NZS 4268:2017 +A1	CN23LKCR 002	N/A

DECLARATION

I hereby declare that the product to which this declaration of conformity relates complies with the mentioned standard(s), and all products supplied under this Declaration will be identical to the sample identified in this Declaration.

Joshua HUANG
On 13 August 2025
Compliance Specialist
ANZ Electrical Compliance

Page 1 of 1

Declaration of Conformity



ANZ
Electrical Compliance

RADIO SPECTRUM MANAGEMENT

ANZ Electrical Compliance
150 Vincent Street, Auckland CBD, Auckland 1010, NZ

Tel: +61 (0)430 412 380

SUPPLIER'S DECLARATION OF CONFORMITY

Section 134 (1) (g) of the New Zealand Radiocommunications Act 1989.

AUTHORISED AGENT DETAILS

Authorised Agent Name: ANZ Electrical Compliance Limited

Address: 150 Vincent Street, Auckland CBD, AUCKLAND 1010, NEW ZEALAND

NZBN: 9429047590168 Responsible Supplier Number: E10433

PRODUCT DETAILS

Product Description: Corner Radar
Trade Name/Manufacturer: WHST
Model Number(s): STA79-3-D

Frequency or Frequency range (MHz)	Radiated power e.i.r.p (dBm)
76000 – 77000	13.65

COMPLIANCE INFORMATION AND PRODUCT LABELLING

Required Marking*: R-NZ, Trade Name and Model Number
Compliance Folder Reference: P2554/LR
Date of Compliance Folder: 13 August 2025

* - RCM shall be at least 3 mm in height. Trade name/Model number shall be at least 1 mm in height.

COMPLIANCE – APPLICABLE STANDARDS AND OTHER SUPPORTING DOCUMENTS

Compliance Level	Standard(s)	Report number	Accreditation (if required)
2	EN 55032:2015 +A11	CN23UKCR 001	N/A
A1	AS/NZS 4280:2017 +A1	CN23UKCR 002	N/A

DECLARATION

I hereby declare that the product to which this declaration of conformity relates complies with the mentioned standard(s), and all products supplied under this Declaration will be identical to the sample identified in this Declaration.

Joshua HUANG
On 13 August 2025
Compliance Specialist
ANZ Electrical Compliance

Page 1 of 1



ANZ
Electrical Compliance

WHST Co., Ltd.
Factory 1, West of Qinghuihe Road
East District of Economic & Technological Development Zone
Wuhu City, Anhui Province
P.R. CHINA

LOCAL REPRESENTATIVE SERVICE NOTICE – NEW ZEALAND

Dear Applicant,

Thank you for using our services to obtain a local representative to hold your compliance folders for WHST Corner Radar model STA79-2-D. As part of this service, we have provided you with the following documents:
- RSM Declaration of Conformity
- Agency Agreement

Our local representative has covered all compliance requirements when selling directly to the end consumer in New Zealand. Therefore, when selling directly to an end consumer no further action is required.

If a product is sold to a New Zealand company who will retail or distribute your product within New Zealand, then it is a requirement that this NZ company completes the following:

1) Hold a copy of the RSM Declaration of Conformity, and
2) Fill in table 1 and sign the Agency Agreement and Post to
   PO Box 1095
   Blackburn North VIC 3130
   AUSTRALIA

If you have any questions or concerns, please feel free to contact ANZ Electrical Compliance on +61 (0)430 412 380.

Sincerely,

Joshua HUANG
Compliance Specialist

+61 (0)430 412 380
8 Cootamundra Crescent
Blackburn, VIC 3130, AUSTRALIA

Declaration of Conformity

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์และกิจการโทรคมนาคมแห่งชาติ
The Office of National Broadcasting and Telecommunications Commission

หมายเลขการจดทะเบียน (Registration Number): A57022-23

เครื่องโทรคมนาคมและอุปกรณ์ดังมีรายละเอียดต่อไปนี้ ได้รับการจดทะเบียนเครื่องโทรคมนาคม
และอุปกรณ์ จากสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์และกิจการโทรคมนาคมแห่งชาติ แล้ว

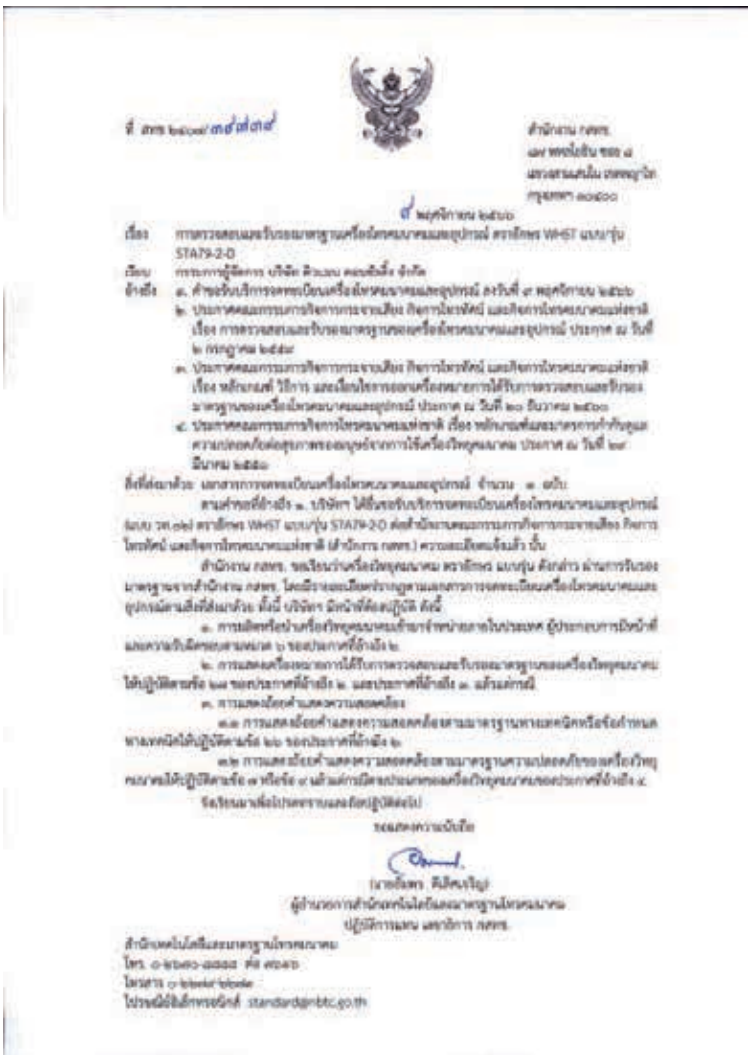
ตราจักษา (Brand Name) : WHST

รุ่นแบบ (Model) : STA79-2-D

ผู้ยื่นขอจดทะเบียน : บริษัท ทิวแมน คอนซัลติ้ง จำกัด

วันที่ 9 พฤศจิกายน 2566
(Date of Registration)

ลงชื่อ (Signature) .....
(นายอัมพร ลีลิศเจริญ)
ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม
ปฏิบัติงานแทนเจ้าหน้าที่



ที่ อทร ๖๑(๑๙)/๓๕๓๔

สำนักงาน กสทช.
เอ็ม พลอยอิน ชอย ๗
แขวงสามเสนใน เขตพญาไท
กรุงเทพฯ ๑๐๔๐๐

๕ พฤศจิกายน ๒๕๖๐

เรื่อง การตรวจสอบและรับรองมาตรฐานเครื่องโทรคมนาคมและอุปกรณ์ ตราลิงซ์ WAVE-ST แบบ/รุ่น STA79-2-D

เรียน กรรมการผู้จัดการ บริษัท ดีวะบน คอมมิวนิ่ง จำกัด

อ้างถึง ๑. คำขอรับบริการออกหนังสือรับรองการตรวจสอบเครื่องโทรคมนาคมและอุปกรณ์ ลงวันที่ ๗ พฤศจิกายน ๒๕๖๐

๒. ประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์ ประกาศ ณ วันที่ ๒ กรกฎาคม ๒๕๕๗

๓. ประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง หลักเกณฑ์ วิธีการ และเงื่อนไขการออกเครื่องหมายการได้รับการตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์ ประกาศ ณ วันที่ ๒๐ กันยายน ๒๕๖๐

๔. ประกาศคณะกรรมการกิจการโทรคมนาคมแห่งชาติ เรื่อง หลักเกณฑ์และมาตรการกำกับดูแลความปลอดภัยต่อสุขภาพของมนุษย์จากการใช้เครื่องวิทยุคมนาคม ประกาศ ณ วันที่ ๒๙ มีนาคม ๒๕๕๐

สิ่งที่ส่งมาด้วย เอกสารการขอทดเบียบเครื่องโทรคมนาคมและอุปกรณ์ จำนวน ๑ ฉบับ

ตามคำขอที่อ้างถึง ๑. บริษัท ได้ยื่นขอรับบริการขอทดเบียบเครื่องโทรคมนาคมและอุปกรณ์ (แบบ Zetel) ตราลิงซ์ WAVE-ST แบบ/รุ่น STA79-2-D ต่อสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ (สำนักงาน กสทช.) ความละเอียดแจ้งแล้วนั้น

สำนักงาน กสทช. ขอเรียนว่าเครื่องวิทยุคมนาคม ตราลิงซ์ แบบ/รุ่น ดังกล่าว ผ่านการรับรองมาตรฐานจากสำนักงาน กสทช. โดยมีรายละเอียดตามกฎหมายและการวางขอทดเบียบเครื่องโทรคมนาคมและอุปกรณ์ตามสิ่งที่ส่งมาด้วย ทั้งนี้ บริษัท มีหน้าที่ต้องปฏิบัติ ดังนี้

๑. การผลิตหรือนำเครื่องวิทยุคมนาคมเข้ามาจำหน่ายภายในประเทศ ผู้ประกอบการมีหน้าที่และความรับผิดชอบตามหมวด ๖ ของประกาศที่อ้างถึง ๒.

๒. การแสดงเครื่องหมายการได้รับการตรวจสอบและรับรองมาตรฐานของเครื่องวิทยุคมนาคม ให้ปฏิบัติตามข้อ ๖๓ ของประกาศที่อ้างถึง ๒. และประกาศที่อ้างถึง ๓. แล้วแต่กรณี

๓. การแสดงข้อความและความสอดคล้อง

๓.๑ การแสดงข้อความแสดงความสอดคล้องตามมาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคให้ปฏิบัติตามข้อ ๖๖ ของประกาศที่อ้างถึง ๒.

๓.๒ การแสดงข้อความแสดงความสอดคล้องตามมาตรฐานความปลอดภัยของเครื่องวิทยุคมนาคมให้ปฏิบัติตามข้อ ๗ หรือข้อ ๘ แล้วแต่การมีสายประกอบของเครื่องวิทยุคมนาคมของประกาศที่อ้างถึง ๔.

จึงเรียนมาเพื่อโปรดทราบและถือปฏิบัติต่อไป

ขอแสดงความนับถือ

(นายอิสรา ศิลิตนโยธิ)
ผู้อำนวยการสำนักมาตรฐานโทรคมนาคม
ปฏิบัติการแทน เลขาธิการ กสทช.

สำนักมาตรฐานโทรคมนาคม
โทร. ๐-๒๖๓๐-๔๔๔๔ ต่อ ๔๒๔๑
โทรสาร ๐-๒๖๓๐-๖๐๓๗
ไปรษณีย์อิเล็กทรอนิกส์ standard@nbtc.go.th

Declaration of Conformity

Singapore:

WIDEMINDS PTE. LTD.
39 WOODLANDS CLOSE
#08-05 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

www.imda.gov.sg
10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438

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
@IMDAsg | #IMDigitalArchitect

Declaration of Conformity

Indonesia:



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-UMKU : 0120109328500000092

Lampiran di bawah ini menyatakan data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

SERTIFIKAT / *CERTIFICATE*

NOMOR / *NUMBER* : 114215/DJID/2025

Nama Perangkat *Name of Equipment*	: Corner Radar	Diajukan Oleh *Applied by*	: PT EUROKARS MOTOR INDONESIA
Merek *Trade name*	: WHST	Alamat *Address*	: Jalan Teuku Nyak Arief exmor 9D, 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 *Frequency*	: 76 GHz - 77 GHz

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.

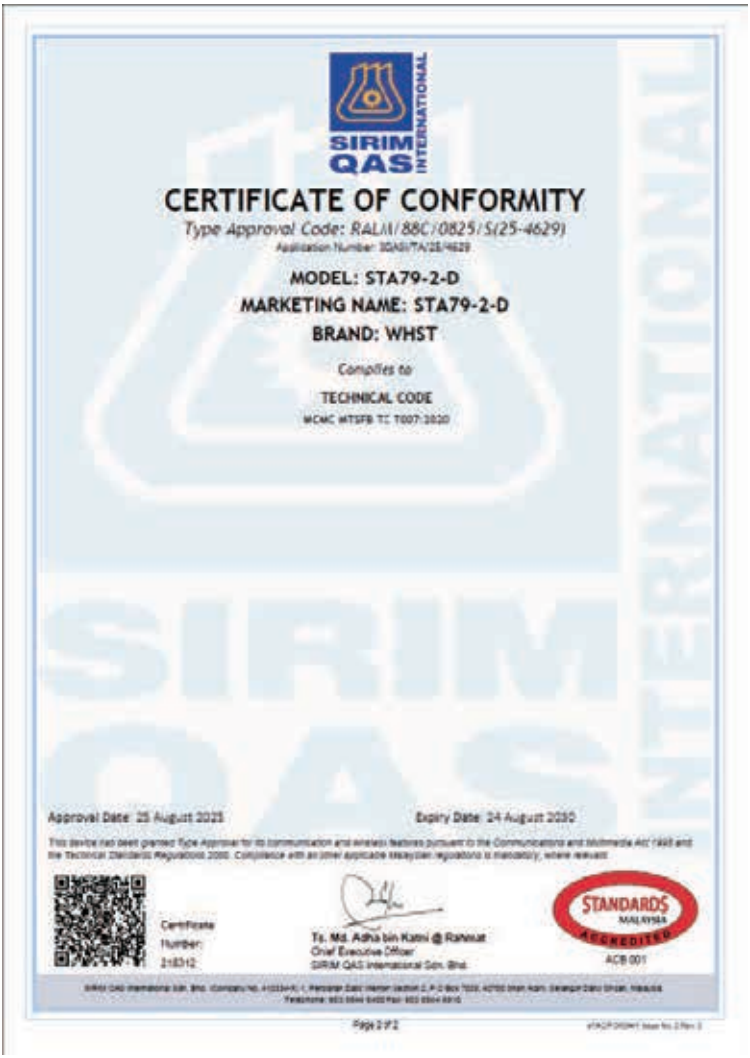
Certificate Number: 21831Z

Ts. Md. Adha bin Kamri @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED
ACB 001

Page 1 of 2

Declaration of Conformity



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RALII/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

MCMC 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.

Certificate Number: 218312

Ts. Md. Adha bin Kamri @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED
ACB 001

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Israel:



Declaration of Conformity

In-vehicle Radar

Europe:



Notified Body
TÜV Rheinland
LGA Products GmbH
Tillystraße 2
90431 Nürnberg
notified by the
Bundesnetzagentur für Elektrizität, Gas,
Telekommunikation, Post und Eisenbahnen
under No. 0197
herewith issues an
EU-Type Examination Certificate
within the meaning of Annex III Module B of the 2014/53/EU Radio Equipment Directive (RED)
for compliance with the essential requirements of this directive.

Registration Number: RT 60173391 0001
Evaluation Report Nr.: CN22QB5K 003

Manufacturer: Nanjing Chuhang Technology Co., Ltd.
12th Floor, Inter-Space, No.9, Yunzheng Street,
Jiangbei New Area, Nanjing,
Jiangsu
P.R. China

Product: Radio Equipment
(In-cabin Occupant Alert System)

Type Identification: ARS1.3I
(CHUHANG TECH)

Essential requirements: 2014/53/EU (RED)
Article 3.1a Health
Article 3.1a Electrical Safety
Article 3.1b EMC
Article 3.2 Radio spectrum

The technical design of the attested type has been verified based on the technical documentation presented by the manufacturer according to Annex III Module B of the Directive. As far as the essential requirements indicated, the Notified Body of TÜV Rheinland LGA Products GmbH confirms that the technical design of the apparatus meets the essential requirements of the Directive 2014/53/EU Article 3.
This certificate consists of this page and Annex I.
Validity of the certificate is specified in the Annex I.

Date: 04.12.2023

Notified Body
S. Peng

Annex 1
Certificate Registration No.: RT 60173391 0001

TÜVRheinland®
Precisely Right.

1 of 2

Equipment

Product : In-cabin Occupant Alert System
Trademark : CHUHANG TECH
Identification : ARS1.31
Product description : It is an In-cabin Occupant Alert System with mmWave Radar.

System description

Frequency band(s) of operation	:	57GHz to 64GHz
Operating frequency	:	59.3GHz to 64GHz
Channel spacing / bandwidth	:	4.4264GHz
RF output power	:	13.5 dBm (max.e.i.r.p.)
Type of modulation	:	FMCW
Type of antenna	:	Integral Antenna
Mode of operation (simplex / duplex)	:	Duplex
Duty cycle (access protocol, if applicable)	:	Up to 100%
Hardware version	:	HW03
Software version	:	V3.0.xx

Documentation

User information and installation instructions	☒
Block diagram	☒
Circuit diagram	☒
Part list	☒
PCB layout	☒
Photo documentation	☒
Versions of firmware/software used	☒
Statement of compliance with art. 10.2 It can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.	☒
Risk Analysis	☒

Conformity Assessment

Applied harmonised standards
(Referred to the publication of harmonised standards in the official Journal of the EU at the time of issuance)

Article	Standard	Test Report No.	Issued by
3.1a Health			
3.1a Safety			
3.1b EMC			
3.2 Radio	EN 305 550-2 V1.2.1	CN23QKH3 002 2112RGUD53-E2	TÜV Rheinland (Shenzhen) Co., Ltd. MRT Technology (Suzhou) Co., Ltd.
3.3 Others			

Applied non-harmonised standards

Article	Standard	Test Report No.	Issued by
3.1a Health	EN IEC 62311:2020	2112RGUD53-E3	MRT Technology (Suzhou) Co., Ltd.
3.1a Safety	EN 62368-1:2014+A11:2017	CN22KD7X 003	TÜV Rheinland (Shenzhen) Co., Ltd.
3.1b EMC	EN 301 489-1 V2.2.3 EN 301 489-3 V2.3.2	CN23QKH3 001	TÜV Rheinland (Shenzhen) Co., Ltd.
3.2 Radio			

Other solutions, adopted to meet the essential requirements

Article	Standard	Test Report No.	Issued by
3.1a Health			

Declaration of Conformity

Annex 1
Certificate Registration No.: RT 60173391 0001

TÜVRheinland®
Precisely Right.

2 of 2

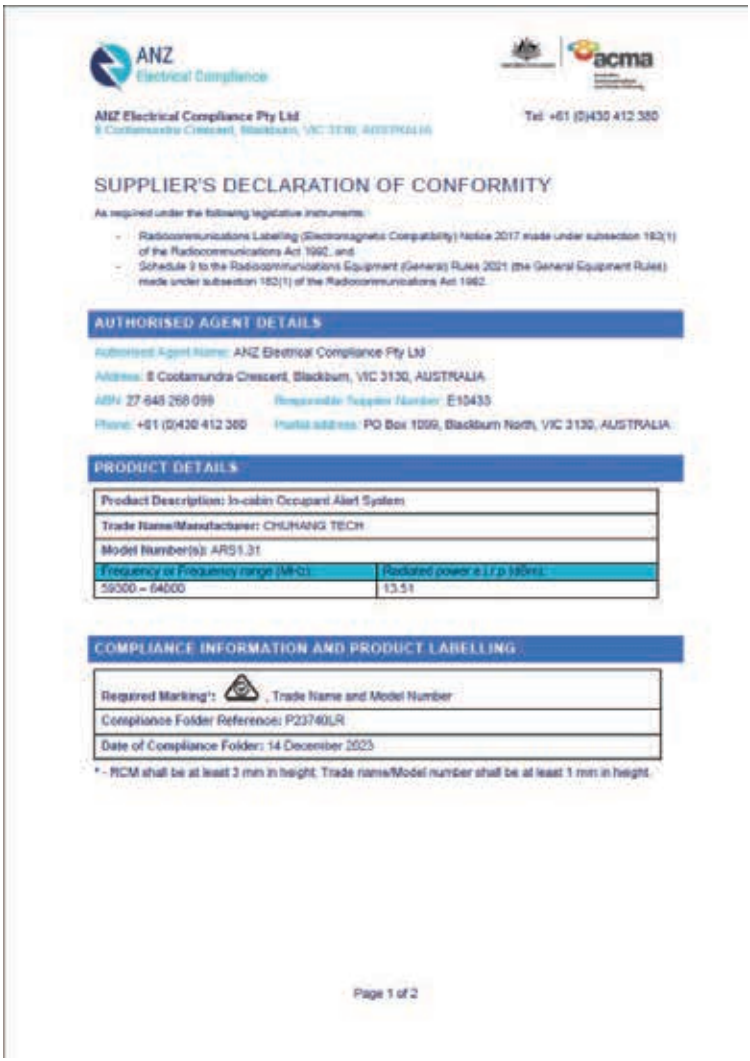
Rationale for applied non-harmonised standards or other solutions:

- EN IEC 62311: Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
- EN 62368-1 Audio/video, information and communication technology equipment - Part 1: Safety requirements
- EN 301 489-1 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; EN 301 489-3 Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz

Remarks:

- This Type Examination Certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.
- This Type Examination Certificate only relates to the assessment of technical documentation to verify that the technical design of radio equipment meets the essential requirements of the RED 2014/53/EU and will not show compliance with essential requirements of other possible applicable EU Directives.
- The manufacturer has declared in compliance with art. 10.2 that the Radio Equipment can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.
- Validity of this Type Examination Certificate is limited to the versions of the applied standard. If versions of standards change or modifications are made to the product, this Certificate will be invalidated.

Australia:



ANZ
Electrical Compliance

acma

ANZ Electrical Compliance Pty Ltd
8 Cootamundra Crescent, Blackburn, VIC 3130, AUSTRALIA

Tel: +61 (0)430 412 380

SUPPLIER'S DECLARATION OF CONFORMITY

As required under the following legislative instruments:

- Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2017 made under subsection 182(1) of the Radiocommunications Act 1992, and
- Schedule 9 to the Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules) made under subsection 182(1) of the Radiocommunications Act 1992.

AUTHORISED AGENT DETAILS

Authorised Agent Name: ANZ Electrical Compliance Pty Ltd
Address: 8 Cootamundra Crescent, Blackburn, VIC 3130, AUSTRALIA
ABN: 27 648 268 099 Responsible Supplier Number: E10433
Phone: +61 (0)430 412 380 Postal address: PO Box 1099, Blackburn North, VIC 3130, AUSTRALIA

PRODUCT DETAILS

Product Description: In-cabin Occupant Alert System	
Trade Name/Manufacturer: CHUHANG TECH	
Model Number(s): ARS1.31	
Frequency or Frequency range (MHz)	Radiated power e.i.r.p (dBm)
59000 – 64000	13.51

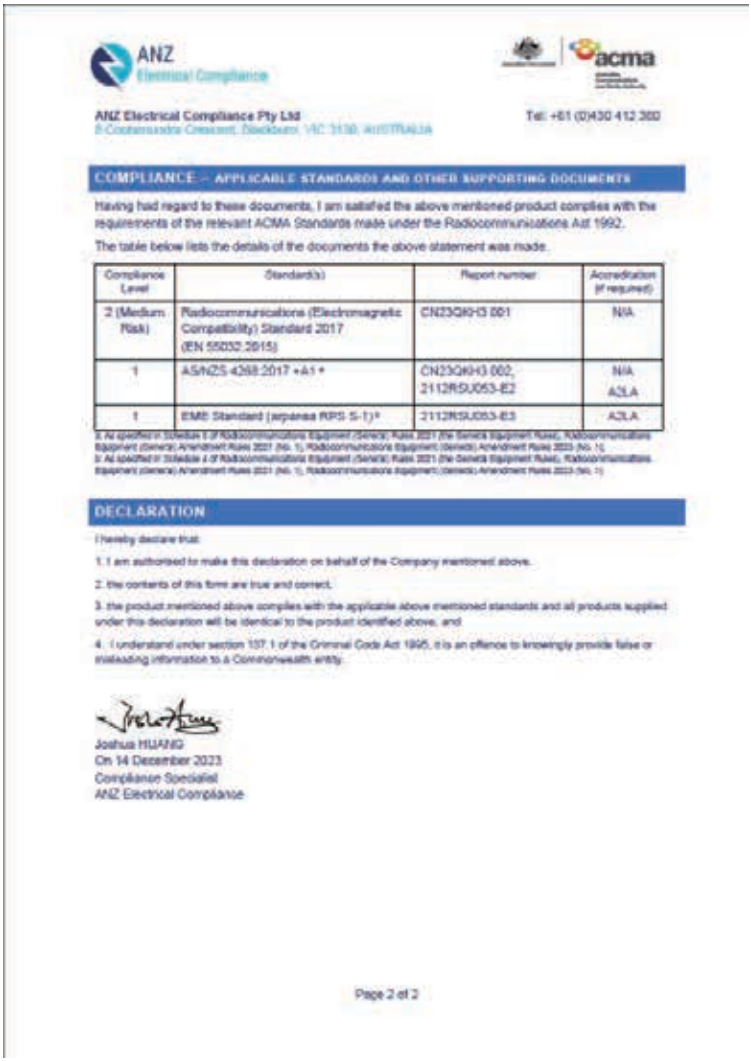
COMPLIANCE INFORMATION AND PRODUCT LABELLING

Required Marking*: , Trade Name and Model Number
Compliance Folder Reference: P23740LR
Date of Compliance Folder: 14 December 2023

* - RCM shall be at least 3 mm in height. Trade name/Model number shall be at least 1 mm in height.

Page 1 of 2

Declaration of Conformity



ANZ Electrical Compliance

acma

ANZ Electrical Compliance Pty Ltd
8 Cockatoosnake Crescent, Blackburn, VIC 3130, AUSTRALIA

Tel: +61 (0)430 412 360

COMPLIANCE – APPLICABLE STANDARDS AND OTHER SUPPORTING DOCUMENTS

Having had regard to these documents, I am satisfied the above mentioned product complies with the requirements of the relevant ACMA Standards made under the Radiocommunications Act 1992.

The table below lists the details of the documents the above statement was made.

Compliance Level	Standard(s)	Report number	Accreditation (if required)
2 (Medium Risk)	Radiocommunications (Electromagnetic Compatibility) Standard 2017 (EN 55032:2015)	CN23QKH3 001	N/A
1	AS/NZS 4268:2017 +A1 *	CN23QKH3 002, 2112RSU053-E2	N/A AZLA
1	EME Standard (arpansa RPS S-1)*	2112RSU053-E3	AZLA

2. As specified in Schedule 1 of Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules), Radiocommunications Equipment (General) Amendment Rules 2021 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2023 (No. 1)
3. As specified in Schedule 4 of Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules), Radiocommunications Equipment (General) Amendment Rules 2021 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2023 (No. 1)

DECLARATION

I hereby declare that:

1. I am authorised to make this declaration on behalf of the Company mentioned above.

2. the contents of this form are true and correct.

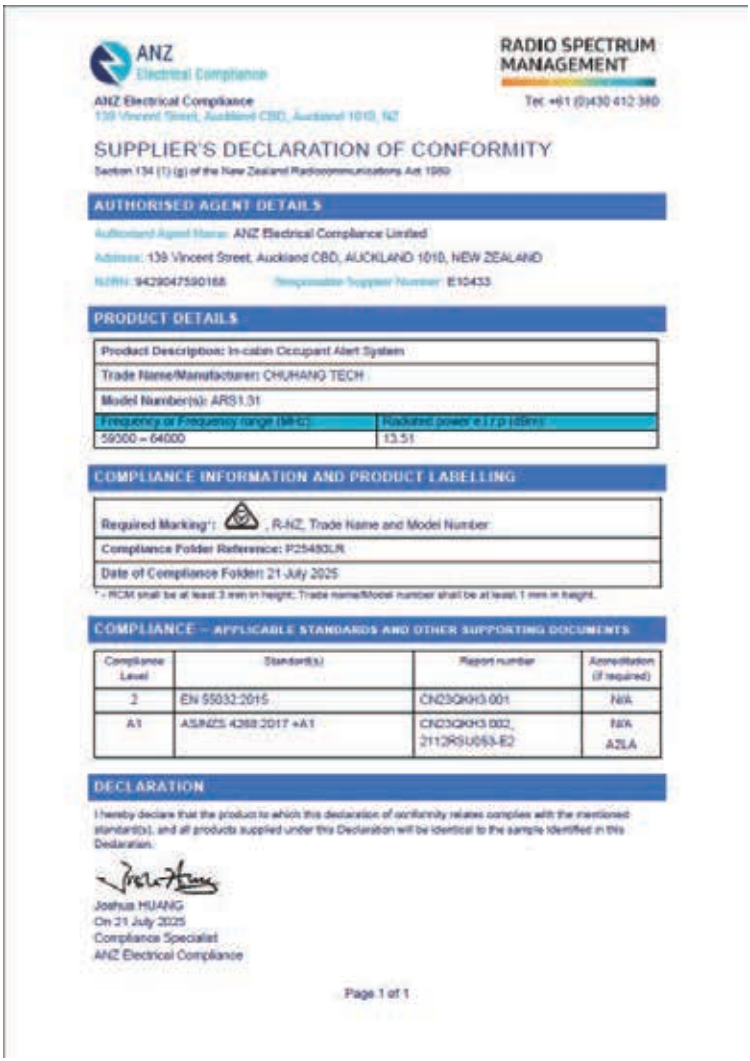
3. the product mentioned above complies with the applicable above mentioned standards and all products supplied under this declaration will be identical to the product identified above, and

4. I understand under section 137.1 of the Criminal Code Act 1995, it is an offence to knowingly provide false or misleading information to a Commonwealth entity.

Joshua HUANG
On 14 December 2023
Compliance Specialist
ANZ Electrical Compliance

Page 2 of 2

New Zealand:



ANZ
Electrical Compliance

RADIO SPECTRUM MANAGEMENT

ANZ Electrical Compliance
139 Vincent Street, Auckland CBD, Auckland 1010, NZ

Tel: +61 (0)430 412 380

SUPPLIER'S DECLARATION OF CONFORMITY

Section 134 (1) (g) of the New Zealand Radiocommunications Act 1989

AUTHORISED AGENT DETAILS

Authorised Agent Name: ANZ Electrical Compliance Limited

Address: 139 Vincent Street, Auckland CBD, AUCKLAND 1010, NEW ZEALAND

RSRN: 9429047590168 Responsible Supplier Number: E10433

PRODUCT DETAILS

Product Description: In-cabin Occupant Alert System	
Trade Name/Manufacturer: CHUHANG TECH	
Model Number(s): ARS1.31	
Frequency or Frequency range (MHz):	Radiated power e.i.r.p (dBm):
59000 – 64000	13.51

COMPLIANCE INFORMATION AND PRODUCT LABELLING

Required Marking*: , R-NZ, Trade Name and Model Number
Compliance Folder Reference: P25480UR
Date of Compliance Folder: 21 July 2025

* - RCM shall be at least 3 mm in height. Trade name/Model number shall be at least 1 mm in height.

COMPLIANCE – APPLICABLE STANDARDS AND OTHER SUPPORTING DOCUMENTS

Compliance Level	Standard(s)	Report number	Accreditation (if required)
2	EN 55032:2015	CNZSQKH3.001	N/A
A1	AS/NZS 4268:2017 +A1	CNZSQKH3.002_ 2112RSU053-E2	N/A AZLA

DECLARATION

I hereby declare that the product to which this declaration of conformity relates complies with the mentioned standard(s), and all products supplied under this Declaration will be identical to the sample identified in this Declaration.

Joshua HUANG
On 21 July 2025
Compliance Specialist
ANZ Electrical Compliance

Page 1 of 1

Declaration of Conformity



ANZ
Electrical Compliance

Nanjing Chuhang Technology Co., Ltd.
12th Floor, Inter-Space, No. 9, Yunzheng Street
Jiangbei New Area, Nanjing
P.R. CHINA

LOCAL REPRESENTATIVE SERVICE NOTICE – New Zealand

Dear Applicant,

Thank you for using our services to obtain a local representative to hold your compliance folders for CHUHANG TECH in-cabin Occupant Alert System model ARS1.31. As part of this service, we have provided you with the following documents:
- RSM Declaration of Conformity
- Agency Agreement

Our local representative has covered all compliance requirements when selling directly to the end consumer in New Zealand. Therefore, when selling directly to an end consumer no further action is required.

If a product is sold to an New Zealand company who will retail or distribute your product within New Zealand, then it is a requirement that this NZ company completes the following:
1) Hold a copy of the RSM Declaration of Conformity; and
2) Fill in table 1 and sign the Agency Agreement and Post to
   PO Box 1099
   Blackburn North VIC 3130
   AUSTRALIA

If you have any questions or concerns, please feel free to contact ANZ Electrical Compliance on +61 (0)430 412 380.

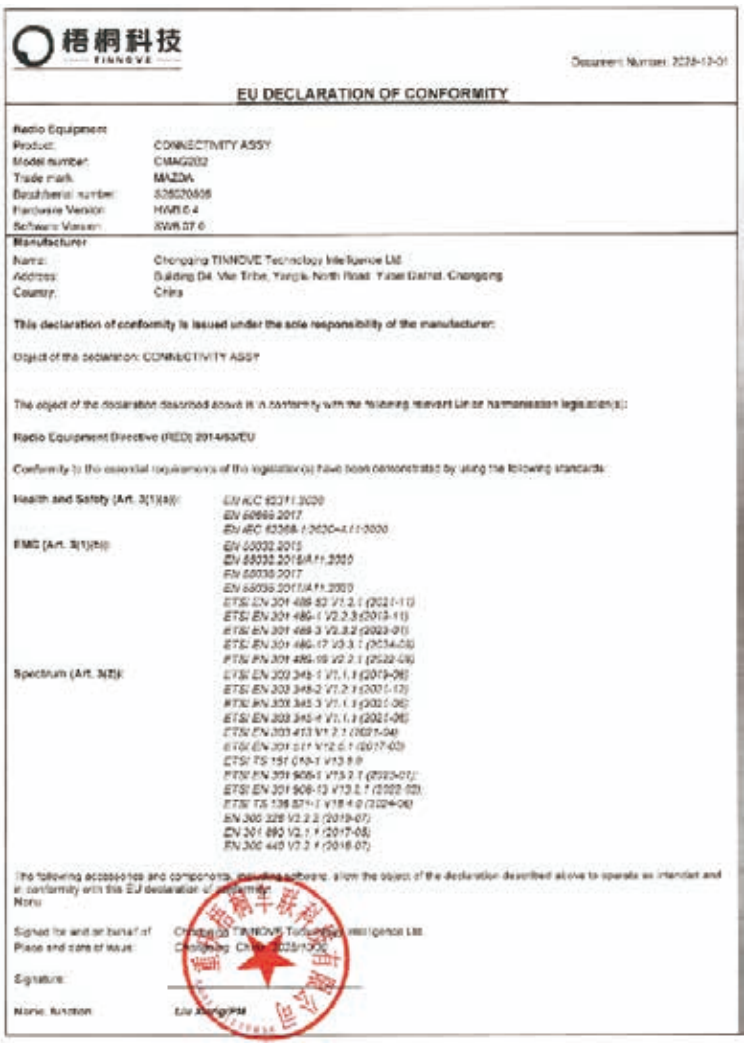
Sincerely,

Joshua HUANG
Compliance Specialist

+61 (0)430 412 380
8 Coolamunda Crescent
Blackburn, VIC 3130, AUSTRALIA

CONNECTIVITY ASSY

Europe:



梧桐科技
TINNOVE

Document Number: 2024-12-01

EU DECLARATION OF CONFORMITY

Radio Equipment

Product:	CONNECTIVITY ASSY
Model number:	CMAG202
Trade mark:	MAZDA
Batch/serial number:	526020605
Hardware Version:	HW1.0.4
Software Version:	SW1.07.0

Manufacturer

Name:	Chongqing TINNOVE Technology Intelligence Ltd.
Address:	Building D4, Vlei Tribe, Yangjia North Road, Yubei District, Chongqing
Country:	China

This declaration of conformity is issued under the sole responsibility of the manufacturer:

Object of the declaration: CONNECTIVITY ASSY

The object of the declaration described above is in conformity with the following relevant Union harmonisation legislation(s):

Radio Equipment Directive (RED) 2014/53/EU

Conformity to the essential requirements of the legislation(s) have been demonstrated by using the following standards:

Health and Safety (Art. 3(1)(a)):	*EN IEC 62311:2020* *EN 62368-1:2014/A11:2017* *EN IEC 62368-1:2020+A11:2020*
EMC (Art. 3(1)(b)):	*EN 55032:2015* *EN 55032:2015/A1:2020* *EN 55035:2017* *EN 55035:2017/A11:2020* *ETSI EN 301 489-52 V1.2.1 (2021-11)* *ETSI EN 301 489-1 V2.2.3 (2019-11)* *ETSI EN 301 489-3 V2.3.2 (2023-01)* *ETSI EN 301 489-17 V3.3.1 (2024-09)* *ETSI EN 301 489-19 V2.2.1 (2022-09)*
Spectrum (Art. 3(2)):	*ETSI EN 303 345-1 V1.1.1 (2019-06)* *ETSI EN 303 345-2 V1.2.1 (2021-12)* *ETSI EN 303 345-3 V1.1.1 (2021-06)* *ETSI EN 303 345-4 V1.1.1 (2021-06)* *ETSI EN 303 413 V1.2.1 (2021-04)* *ETSI EN 301 511 V12.5.1 (2017-03)* *ETSI TS 151 010-1 V13.8.0* *ETSI EN 301 908-1 V15.2.1 (2023-01)* *ETSI EN 301 908-13 V13.2.1 (2022-02)* *ETSI TS 138 521-1 V18.4.0 (2024-06)* *EN 300 328 V2.2.2 (2019-07)* *EN 301 893 V2.1.1 (2017-05)* *EN 300 440 V2.2.1 (2018-07)*

The following accessories and components, including software, allow the object of the declaration described above to operate as intended and in conformity with this EU declaration of conformity:
None

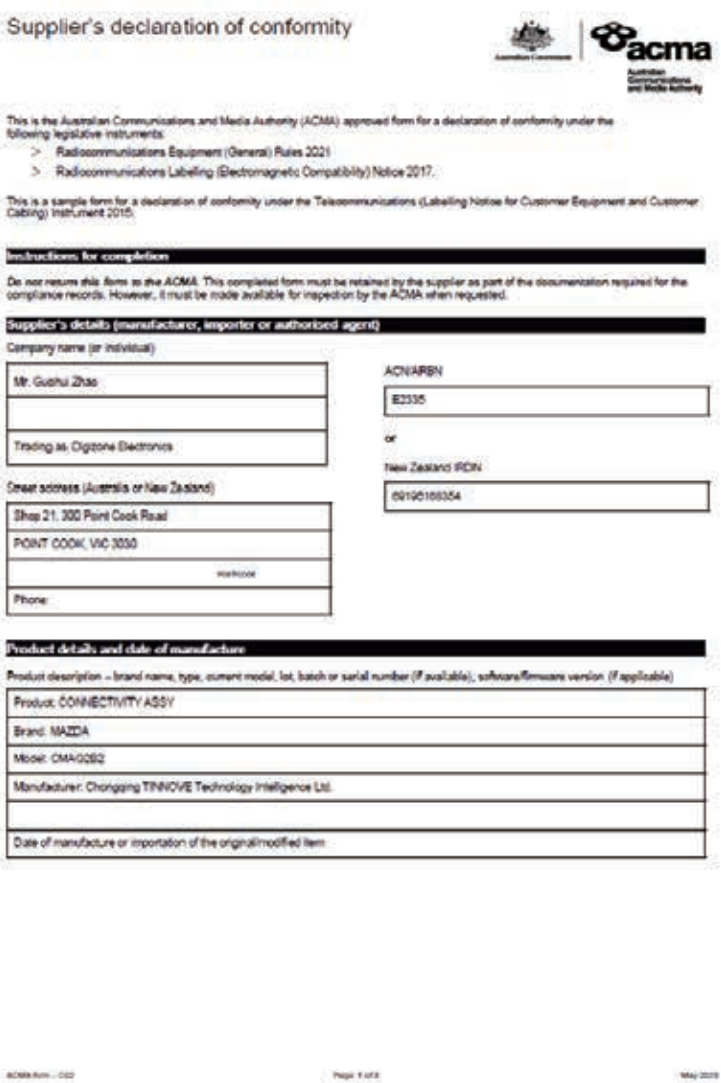
Signed for and on behalf of: Chongqing TINNOVE Technology Intelligence Ltd.
Place and date of issue: Chongqing, China, 2024/12/02

Signature:

Name, function: [illegible]

Declaration of Conformity

Australia and New Zealand:



Supplier's declaration of conformity

acma

This is the Australian Communications and Media Authority (ACMA) approved form for a declaration of conformity under the following legislative instruments:

- Radiocommunications Equipment (General) Rules 2021
- Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2017.

This is a sample form for a declaration of conformity under the Telecommunications (Labelling Notice for Customer Equipment and Customer Cabling) Instrument 2015.

Instructions for completion

Do not return this form to the ACMA. This completed form must be retained by the supplier as part of the documentation required for the compliance records. However, it must be made available for inspection by the ACMA when requested.

Supplier's details (manufacturer, importer or authorised agent)

Company name (or individual)

Mr. Guohui Zhao

Trading as: Digizone Electronics

ACN/ARBN

82335

or

New Zealand IRD#

Street address (Australia or New Zealand)

Shop 21, 300 Point Cook Road

POINT COOK, VIC 3030

Phone:

Product details and date of manufacture

Product description – brand name, type, current model, lot, batch or serial number (if available), software/firmware version (if applicable)

Product: CONNECTIVITY ASSY

Brand: MAZDA

Model: CMAIG002

Manufacturer: Chongqing TINNOVE Technology Intelligence Ltd.

Date of manufacture or importation of the original/modified item

Compliance – applicable standards and other supporting documents

Evidence of compliance with applicable standards may be demonstrated by test reports, endorsed/accredited test reports, certification/competent body statements.

Having had regard to these documents, I am satisfied the above-mentioned product complies with the requirements of the relevant ACMA standards made under the *Radiocommunications Act 1992* and/or the *Telecommunications Act 1997*.

List these documents including details of the standard title, number and, if applicable, number of the test report/endorsed test report or certification/competent body statement.

Test Standard:	Report No.
EN IEC 62368-1:2020+A11:2020	DDT-RE26011905-1S01
ETSI EN 301 489-52 V1.2.1 (2021-11) ETSI EN 301 489-1 V2.2.3 (2019-11)	DDT-B25022711-1E01V1
EN 55032:2015 EN 55032:2015/A11:2020 EN 55035:2017 EN 55035:2017/A11:2020	DDT-RE26011905-1E01
ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-3 V2.3.2 (2023-01) ETSI EN 301 489-17 V3.3.1 (2024-09) ETSI EN 301 489-19 V2.2.1 (2022-09)	DDT-RE26011905-1E02
ETSI EN 303 345-1 V1.1.1 (2019-06) ETSI EN 303 345-2 V1.2.1 (2021-12) ETSI EN 303 345-3 V1.1.1 (2021-06)	DDT-RE26011905-1E03
ETSI EN 303 413 V1.2.1 (2021-04)	DDT-RE26011905-1E04
ETSI EN 301 511 V12.5.1 (2017-03) ETSI TS 151 010-1 V13.8.0	DDT-B25022711-1E02V1
ETSI EN 301 908-1 V13.2.1 (2023-01) ETSI EN 301 908-13 V13.2.1 (2022-02) ETSI TS 136 521-1 V18.4.0 (2024-06)	DDT-B25022711-1E03V1
EN 300 328 V2.2.2 (2019-07)	DDT-RE26011905-2E01
EN 300 328 V2.2.2 (2019-07)	DDT-RE26011905-2E02
EN 300 328 V2.2.2 (2019-07)	DDT-RE26011905-2E03
EN 301 893 V2.1.1 (2017-05)	DDT-RE26011905-2E04
EN 300 440 V2.2.1 (2018-07)	DDT-RE26011905-2E05
EN 300 328 V2.2.2 (2019-07)	DDT-RE26011905-2E06
EN 300 328 V2.2.2 (2019-07)	DDT-RE26011905-2E07
47 CFR Part 2 47 CFR Part 22 Subpart H	Ts-AT260201126-S01
EN IEC 62311:2020 EN 50665:2017	DDT-RE26011905-2E08

Declaration

I hereby declare that:

1. I am authorised to make this declaration on behalf of the Company mentioned above
2. the contents of this form are true and correct
3. the product mentioned above complies with the applicable above mentioned standards and all products supplied under this declaration will be identical to the product identified above

Declaration of Conformity

4. I understand that giving false or misleading information is a serious offence

Note: It is an offence to knowingly provide false or misleading information to a Commonwealth entity or a person who is exercising powers, performing functions under, or in connection with, a law of the Commonwealth. It is an offence to knowingly provide false or misleading information or documents in compliance or purported compliance with a law of the Commonwealth. (See sections 137.1 and 137.2 of the *Criminal Code Act 1995*.)

Penalty: 12 months imprisonment

SIGNATURE OF SUPPLIER OR AGENT: Guohui Zhao	POSITION IN ORGANISATION:
PRINT NAME: Guohui Zhao	DATE: 2026-04-24

The *Privacy Act 1988* (Cth) (the Privacy Act) imposes obligations on the ACMA in relation to the collection, security, quality, access, use and disclosure of personal information. These obligations are detailed in the Australian Privacy Principles.

The ACMA may only collect personal information if it is reasonably necessary for, or directly related to, one or more of the ACMA's functions or activities.

The purpose of collecting the personal information in this form is to ensure the supplier is identified in the 'declaration of conformity'. If this declaration of conformity is not completed and the requested information is not provided, a compliance label cannot be applied.

Further information on the Privacy Act and the ACMA's privacy policy is available at www.acma.gov.au/privacypolicy. The privacy policy contains details about how you may access personal information about you that is held by the ACMA, and seek the correction of such information. It also explains how you may complain about a breach of the Privacy Act and how we will deal with such a complaint.

Should you have any questions in this regard, please contact the ACMA's privacy contact officer on telephone on 1800 226 667 or by email at privacy@acma.gov.au.

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง
กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
The Office of National Broadcasting and Telecommunications Commission
ใบรับรองเครื่องโทรคมนาคมและอุปกรณ์
(Approval Certificate for Telecommunication Equipment)
ที่ (No.) : B38434-26

ใบรับรองนี้แสดงว่าเครื่องโทรคมนาคมและอุปกรณ์ดังรายละเอียดต่อไปนี้ได้ผ่านการตรวจสอบและรับรองมาตรฐานแล้ว โดยมีเงื่อนไขปรากฏตามเอกสารแนบจำนวน 2 ฉบับ

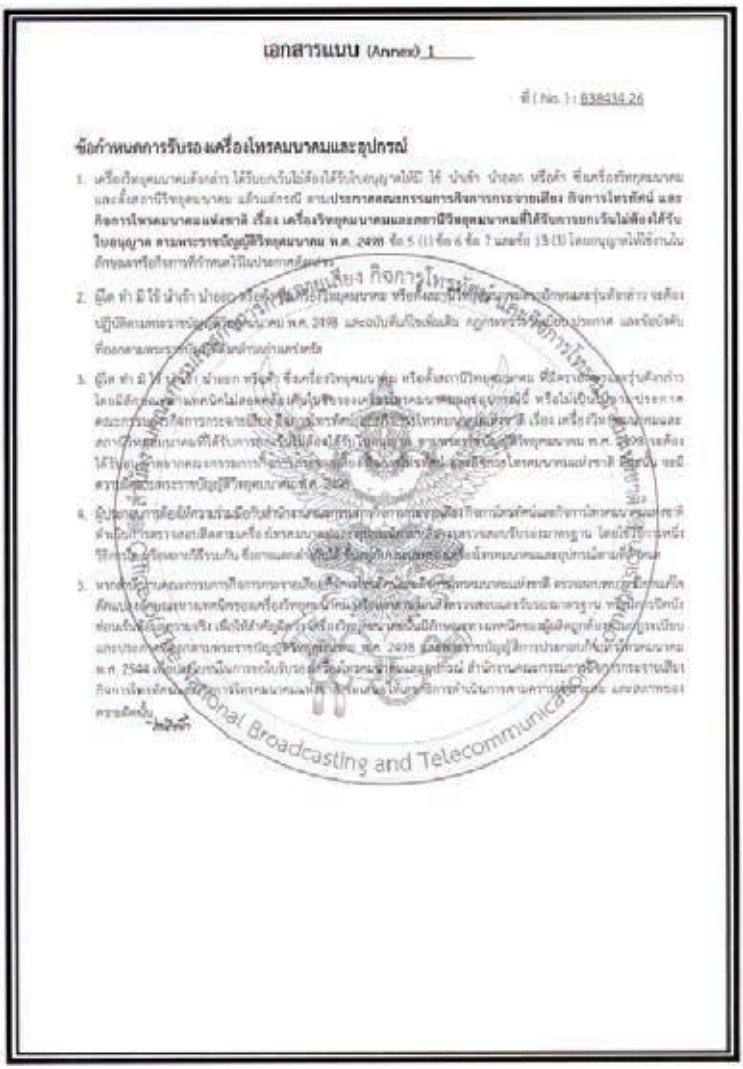
This is to certify that the telecommunication equipment appeared hereunder has been approved with condition(s) specified in 2 Annex(es)

ตรายี่ห้อ (Brand Name)	: MAZDA
รุ่น/แบบ (Model)	: CMAG2B2
ชนิด (Type of equipment)	: เคลื่อนที่
ประเภทเครื่องโทรคมนาคมและอุปกรณ์ (Product Description)	: Cellular Mobile (GSM/LTE Data Connectivity Unit)
ย่านความถี่วิทยุ (Frequency Range)	: Tx: See Annex(es) Rx: See Annex(es)
กำลังส่ง (Output Power)	: See Annex(es)
ผู้ผลิต (Manufacturer) และบริษัทในเครือประเทศอื่นๆ	: Chongqing TINNOVE Technology Intelligence Ltd., P.R.China
ผู้ยื่นขอตรวจสอบและรับรอง (Applicant)	: บริษัท มาสด้า เซลส์ (ประเทศไทย) จำกัด

ออกวันที่ 16 มิถุนายน 2560 (Date of Issue)

ลงชื่อ (Signature) .....
(นายอนันพร พืชิตพงศ์กุล)
ผู้อำนวยการสำนักกิจการโทรคมนาคมและมาตรฐานโทรคมนาคม
ปฏิบัติราชการแทน

Declaration of Conformity



เอกสารแนบ (Annex) 1

ที่ (No.) : BSMSI 26

ข้อกำหนดการรับรองเครื่องโทรคมนาคมและอุปกรณ์

1. เครื่องวิทยุคมนาคมดังกล่าว ได้รับยกเว้นไม่ต้องได้รับใบอนุญาตให้มี ใช้ นำเข้า นำออก หรือดำ ซึ่งเครื่องวิทยุคมนาคม และตั้งสถานีวิทยุคมนาคม เว้นแต่กรณี ตาม**ประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง เครื่องวิทยุคมนาคมและสถานีวิทยุคมนาคมที่ได้รับการยกเว้นไม่ต้องได้รับใบอนุญาต ตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498** ข้อ 5 (1) ข้อ 6 ข้อ 7 และข้อ 13 (3) โดยอนุญาตให้ใช้งานในลักษณะหรือกิจการที่กำหนดไว้ในประกาศดังกล่าว

2. มีไว้ ทำ มีไว้ นำเข้า นำออก หรือดำ ซึ่งเครื่องวิทยุคมนาคม หรือตั้งและมีไว้ซึ่งสถานีวิทยุคมนาคมและรุ่นดังกล่าว ของต้องปฏิบัติตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498 และฉบับที่แก้ไขเพิ่มเติม กฎกระทรวง ประกาศ และข้อบังคับที่ออกตามพระราชบัญญัติวิทยุคมนาคมดังกล่าวโดยเคร่งครัด

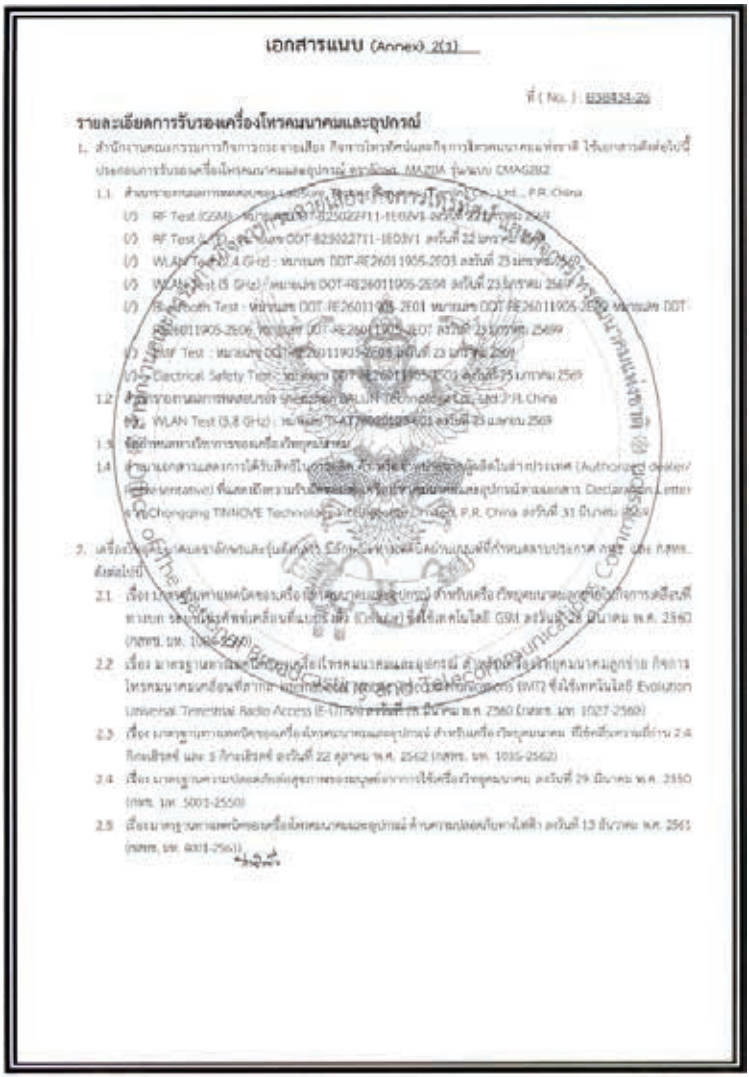
3. มีไว้ ทำ มีไว้ นำเข้า นำออก หรือดำ ซึ่งเครื่องวิทยุคมนาคม หรือตั้งสถานีวิทยุคมนาคม ที่มีความถี่และรุ่นดังกล่าว โดยมิได้ดัดแปลงอุปกรณ์ทางเทคนิคไม่ว่ากรณีใดๆ ในส่วนของเครื่องวิทยุคมนาคมและอุปกรณ์นี้ หรือไม่เป็นไปตามประกาศคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ เรื่อง เครื่องวิทยุคมนาคมและสถานีวิทยุคมนาคมที่ได้รับการยกเว้นไม่ต้องได้รับใบอนุญาต ตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498 และต้องได้รับอนุญาตจากคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ ก่อนดำเนิน และมีความถี่และพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498

4. ผู้ประกอบการต้องให้ความร่วมมือกับสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ ดำเนินการตรวจสอบสภาพเครื่องโทรคมนาคมและอุปกรณ์ตามที่สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ กำหนด โดยมิชักช้า ภายในระยะเวลาที่กำหนด

5. หากสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ ตรวจสอบพบว่าเครื่องโทรคมนาคมและอุปกรณ์ดังกล่าวข้างต้นมีสภาพทางเทคนิคของเครื่องวิทยุคมนาคมไม่เป็นไปตามมาตรฐานทางเทคนิคและมาตรฐานการใช้งานที่กำหนดไว้ในประกาศดังกล่าว หรือมีการดัดแปลงอุปกรณ์ทางเทคนิคของเครื่องวิทยุคมนาคมนี้ ผู้ประกอบการจะต้องปฏิบัติตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498 และพระราชบัญญัติการประกอบกิจการโทรคมนาคม พ.ศ. 2544 เพื่อแก้ไขการใช้งานให้ถูกต้องตามมาตรฐานและหลักเกณฑ์ สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ จะพิจารณาดำเนินการตามความเหมาะสม และสมควรต่อไป

-ลงชื่อ-

สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
National Broadcasting and Telecommunications Commission



เอกสารแนบ (Annex) 2(1)

ที่ (No.) : B38834-26

รายละเอียดการรับรองเครื่องโทรคมนาคมและอุปกรณ์

1. สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์และกิจการโทรคมนาคมแห่งชาติ ได้รับเอกสารดังต่อไปนี้ ประกอบการรับรองเครื่องโทรคมนาคมและอุปกรณ์ ยี่ห้อ/ชื่อ MAZDA รุ่น/แบบ DMAGBZ

1.1 ผลการทดสอบจาก [illegible] Co., Ltd., P.R. China

(/) RF Test (GSM) : หมายเลข DOT-B25022711-1E03V1 ลงวันที่ 22 มกราคม 2568

(/) RF Test (WCDMA) : หมายเลข DOT-B25022711-1E03V1 ลงวันที่ 22 มกราคม 2568

(/) WLAN Test (2.4 GHz) : หมายเลข DOT-RE26011905-2E03 ลงวันที่ 23 มกราคม 2568

(/) WLAN Test (5 GHz) : หมายเลข DOT-RE26011905-2E04 ลงวันที่ 23 มกราคม 2568

(/) Bluetooth Test : หมายเลข DOT-RE26011905-2E01 หมายเลข DOT-RE26011905-2E02 หมายเลข DOT-RE26011905-2E06 หมายเลข DOT-RE26011905-2E07 ลงวันที่ 23 มกราคม 2568

(/) SAR Test : หมายเลข DOT-RE26011905-2E08 ลงวันที่ 23 มกราคม 2568

(/) Electrical Safety Test : หมายเลข DOT-RE26011905-2E05 ลงวันที่ 23 มกราคม 2568

1.2 ผลการทดสอบจาก [illegible] Co., Ltd., P.R. China

(/) WLAN Test (5.8 GHz) : หมายเลข [illegible] ลงวันที่ 23 มกราคม 2568

1.3 [illegible]

1.4 หนังสือมอบอำนาจให้เป็นตัวแทนจำหน่าย ผู้ผลิต ผู้นำเข้า หรือผู้ได้รับมอบอำนาจให้เป็นผู้ดำเนินการในประเทศ (Authorized dealer/ representative) ที่แสดงถึงความรับผิดชอบในการนำเข้าเครื่องโทรคมนาคมและอุปกรณ์ตามเอกสาร Declaration Letter จาก Chongqing TINNOVE Technology Co., Ltd., P.R. China ลงวันที่ 31 มีนาคม 2568

2. เครื่องโทรคมนาคมและอุปกรณ์ดังกล่าว มีลักษณะ (ตามคู่มือผู้ใช้งาน) เป็นไปตามมาตรฐานที่กำหนดตามประกาศ กสทช. เรื่อง กำหนดหลักเกณฑ์ และวิธีการในการขอรับใบอนุญาตประกอบกิจการโทรคมนาคม และกิจการโทรคมนาคมเคลื่อนที่ภาคพื้นดินแบบที่ใช้หมายเลขโทรศัพท์ร่วมกัน พ.ศ. 2561 ดังต่อไปนี้

2.1 เรื่อง มาตรฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ สำหรับเครื่องวิทยุคมนาคมเคลื่อนที่ภาคพื้นดินสาธารณะชนิดที่ใช้เครื่องรับเครื่องส่งแบบวิทยุ เสียง (Simplex) ซึ่งใช้เทคโนโลยี GSM ลงวันที่ 28 มีนาคม พ.ศ. 2560 (กสทช. มท. 1035-2560)

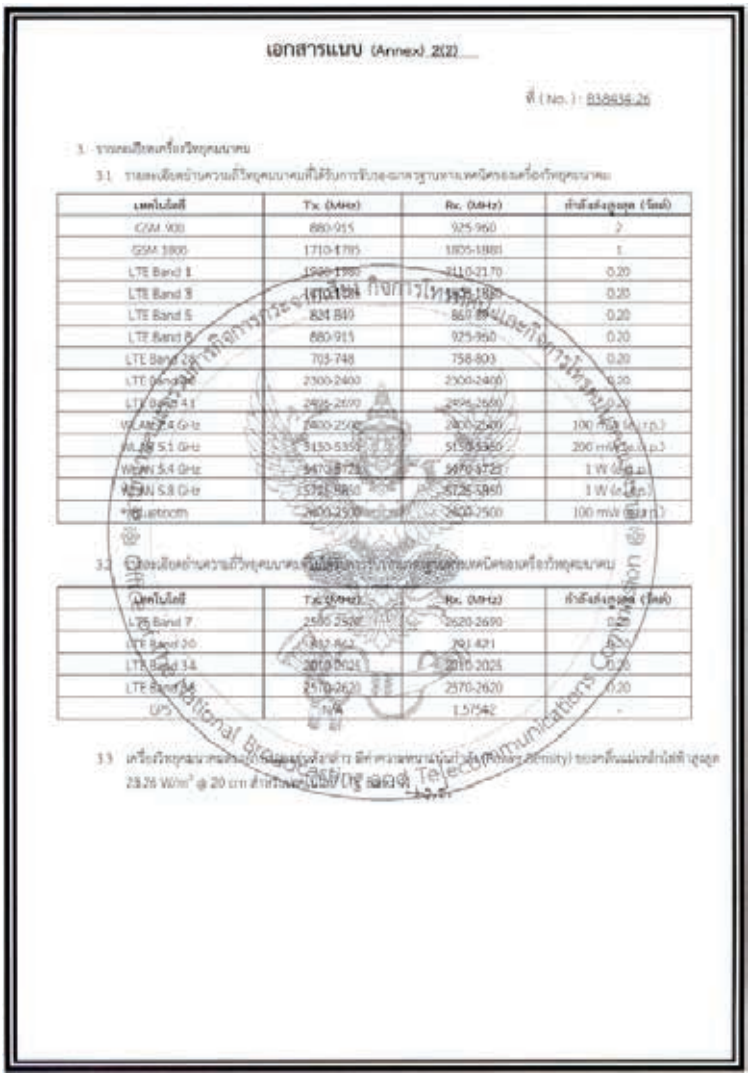
2.2 เรื่อง มาตรฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ สำหรับเครื่องวิทยุคมนาคมภาคพื้นดินสาธารณะชนิดที่ใช้เครื่องรับเครื่องส่งแบบวิทยุ เสียง (Simplex) ซึ่งใช้เทคโนโลยี Evolution Universal Terrestrial Radio Access (E-UTRA) ลงวันที่ 28 มีนาคม พ.ศ. 2560 (กสทช. มท. 1027-2560)

2.3 เรื่อง มาตรฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ สำหรับเครื่องวิทยุคมนาคม ที่ใช้คลื่นความถี่ย่าน 2.4 กิกะเฮิรตซ์ และ 5 กิกะเฮิรตซ์ ลงวันที่ 22 ตุลาคม พ.ศ. 2562 (กสทช. มท. 1035-2562)

2.4 เรื่อง มาตรฐานความปลอดภัยต่อสุขภาพของมนุษย์จากการใช้เครื่องวิทยุคมนาคม ลงวันที่ 29 มีนาคม พ.ศ. 2550 (กสทช. มท. 5001-2550)

2.5 เรื่อง มาตรฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ สำหรับการออกอากาศโทรทัศน์ ลงวันที่ 13 ธันวาคม พ.ศ. 2561 (กสทช. มท. 8001-2561)

Declaration of Conformity



เอกสารแนบ (Annex) 2(2)

ที่ (No.) : 838836.26

3. รายละเอียดเครื่องวิทยุคมนาคม

3.1 รายละเอียดย่านความถี่วิทยุคมนาคมที่ได้รับการรับรองมาตรฐานทางเทคนิคของเครื่องวิทยุคมนาคม

เทคโนโลยี	Tx. (MHz)	Rx. (MHz)	กำลังส่งสูงสุด (วัตต์)
GSM 900	880-915	925-960	2
GSM 1800	1710-1785	1805-1880	1
LTE Band 1	1920-1980	2110-2170	0.20
LTE Band 3	1710-1785	1805-1880	0.20
LTE Band 5	824-849	869-894	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
LTE Band 41	2496-2690	2496-2690	0.20
WLAN 2.4 GHz	2400-2483.5	2400-2483.5	100 mW (e.i.r.p.)
WLAN 5.1 GHz	5150-5350	5150-5350	200 mW (e.i.r.p.)
WLAN 5.4 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.)
Bluetooth	2400-2500	2400-2500	100 mW (e.i.r.p.)

3.2 รายละเอียดย่านความถี่วิทยุคมนาคมที่ได้รับการรับรองมาตรฐานทางเทคนิคของเครื่องวิทยุคมนาคม

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 34	2010-2025	2010-2025	0.20
LTE Band 38	2570-2620	2570-2620	0.20
UP	N/A	1.57542	-

3.3 เครื่องวิทยุคมนาคมที่ได้รับการรับรองมาตรฐานทางเทคนิคนี้ มีค่าความหนาแน่นกำลัง (Power density) ของคลื่นแม่เหล็กไฟฟ้าสูงสุด 28.26 W/m² @ 20 cm สำหรับการใช้งานใกล้ชิดร่างกาย

Singapore:

INFOCOMM MEDIA DEVELOPMENT AUTHORITY

CONFIDENTIAL

IMDA/EQR-003/01-105

18 June 2026

Trans Eurokars Pte Ltd
11 Kung Chong Road
Singapore 159147

Attn: Mr Lok Keng Hoe Alan
Technical Support Manager

By Email only

Dear Sirs

IMPORT AND SALE OF MAZDA CMAG2B2

1 We refer to the application on 12 May 2026 and subsequent clarification last received on 10 June 2026 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 CMAG2B2 (the "**CMAG2B2**") 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 CMAG2B2 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 May 2031**. Trans Eurokars will need to seek IMDA's approval if it intends to continue selling the CMAG2B2 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.

@IMDAsg | #IMDigitalArchitect

10 Pasir Panjang Road, #03-01 Mapletree Business City, Singapore 117438
T: (65) 6377 3800 F: (65) 6577 3888 www.imda.gov.sg

INFOCOMM MEDIA DEVELOPMENT AUTHORITY

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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

INFOCOMM MEDIA DEVELOPMENT AUTHORITY

CONFIDENTIAL

Annex 1

Brand/Trade Name	:	MAZDA
Model No.	:	CMAG282
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) 16.30 dBm (8T), 19.63 dBm (2.4 GHz WLAN) 15.85 dBm (5.2 GHz WLAN), 19.70 dBm (5.4 GHz) 13.66 dBm (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

Declaration of Conformity

INFOCOMM MEDIA DEVELOPMENT AUTHORITY

CONFIDENTIAL

Purpose of use	:	This product is an intelligent in-vehicle central control system that integrates AI vision, smart voice, and advanced assisted driving functions. Its core features include: intelligent interactive desktop, full-scenario voice control, AI vision, and monitoring. Driver monitoring: real-time detection and warning of fatigue driving (such as closing eyes, yawning) and distracted driving, gesture control, on-board cameras, deep vehicle control and adaptive driving assistance (ADA), audio-visual entertainment, and connectivity functions

Malaysia:



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RIAF/85A/0526/S(26-2550)

Application Number: SQASI/TA/26/2550

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: CMAG2B2

MARKETING NAME: CMAG2B2

BRAND: MAZDA

For device category

TELEMATICS ELECTRONIC CONTROL UNIT (HYBRID AUTOMOTIVE)

Product Features:

LTE [800 (B20), 850 (B5), 900 (B8), 1800 (B3), 2100 (B1), 2100 (B34), 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, 5470 MHz - 5650 MHz, 5725 MHz - 5875 MHz]
Bluetooth [2400 MHz - 2483.5 MHz]

Approval Date: 19 May 2026 **Expiry Date:** 18 May 2031

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: 23s295

Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED AC® 001

SIRIM QAS International Sdn. Bhd. (Company No. 413084-U) 3, Persiaran Dato' Menteri Section 2, P.O. Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603 5544 6400 Fax: 603 5544 6810

Page 1 of 2

Declaration of Conformity



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RIAF/85A/0526/5(26-2550)

Application Number : SQAS/TA/26/2550

MODEL: CMAG2B2

MARKETING NAME: CMAG2B2

BRAND: MAZDA

Consists: 1 IMEI

Complies to

TECHNICAL CODE

MCMC MTSFB TC T013:2019

MCMC MTSFB TC T007:2020

MCMC MTSFB TC T015:2022

SKMM WTS GSM-MT REV. 1.01:2007

Approval Date: 19 May 2026 Expiry Date: 18 May 2031

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: 236395

Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED
ACB 001

Indonesia:



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-UMKU :

Lampiran di bawah ini memuat data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

SERTIFIKAT / *CERTIFICATE*

NOMOR / *NUMBER* : 124735/DJID/2026

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*	: CMAG2B2	PLG ID *Client's ID*	: 8032
Buatan *Country of Origin*	: China	Tanggal Terbit *Date of Issue*	: 28 Juli 2026

Referensi / *Reference* : KEPMEN KOMINFO NOMOR 260 TAHUN 2024, KEPMEN KOMDIGI NOMOR 12 TAHUN 2025, KEPMEN KOMDIGI NOMOR 45 TAHUN 2025, KEPMEN KOMDIGI NOMOR 569 TAHUN 2025

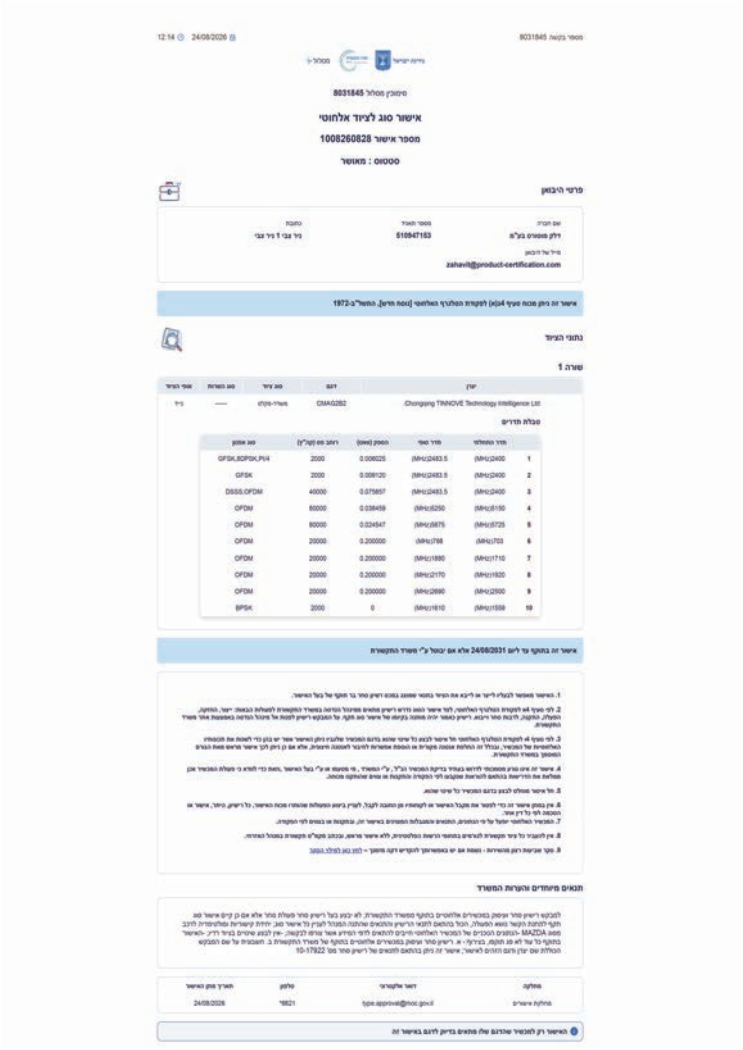
Frekuensi Kerja / *Operating Frequencies* :

Bluetooth	Frekuensi	2.4 GHz - 2.4835 GHz	LTE Band 1	DownLink	2110 MHz - 2170 MHz
Bluetooth	Daya Pancar	< 100 mWatt	LTE Band 3	UpLink	1710 MHz - 1785 MHz
RLAN 2.4 GHz	Frekuensi	2.4 GHz - 2.4835 GHz	LTE Band 3	DownLink	1805 MHz - 1880 MHz
RLAN 2.4 GHz	Daya Pancar	< 500 mWatt	LTE Band 5	UpLink	824 MHz - 849 MHz
RLAN 5.8 GHz	Frekuensi	5.725 GHz - 5.825 GHz	LTE Band 5	DownLink	869 MHz - 894 MHz
RLAN 5.8 GHz	Daya Pancar	< 200 mWatt	LTE Band 8	UpLink	880 MHz - 915 MHz
RLAN 5.1 GHz	Frekuensi	5.150 GHz - 5.250 GHz	LTE Band 8	DownLink	925 MHz - 960 MHz
RLAN 5.1 GHz	Daya Pancar	< 200 mWatt	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	925 MHz - 960 MHz	LTE Band 40	UpLink	2300 MHz - 2400 MHz
GSM 1800	UpLink	1710 MHz - 1785 MHz	LTE Band 40	DownLink	2300 MHz - 2400 MHz
GSM 1800	DownLink	1805 MHz - 1880 MHz	LTE Band 41	UpLink	2496 MHz - 2690 MHz
LTE Band 1	UpLink	1920 MHz - 1980 MHz	LTE Band 41	DownLink	2496 MHz - 2690 MHz

Balai Sertifikasi Elektronik

Declaration of Conformity

Israel:



Emergency Call System

Europe (Excluding Cyprus, Malta, Ireland and UK):



MiCOMLabs

CERTIFICATE *of* EXAMINATION

Certificate Validation

NOTIFIED BODY EU-TYPE EXAMINATION CERTIFICATE

STCT2619-EU / 20 Feb 2023 / Rev A

Radio Equipment Directive (RED) 2014/53/EU

MiCOM Labs Inc., Notified Body Number 2280 declares, on the basis of the assessment of the tests and the technical documentation provided by the applicant that the following product complies with the essential requirements of the above noted Directive.

Product Name:
Telematics Control Unit

Approval Holder Name:
Faircomm Microelectronics, Inc.

Gordon Hurst, Product Certifier

This Certificate is issued under the Authority of:
MiCOM Labs Inc., 575 Boulder Court, Pleasanton, California 94566, USA
Notified Body Number: 2280

Page 1 of 7

Declaration of Conformity



MiCOMLabs

Notified Body EU-Type Examination Certificate

STCT2619-EU / 20 Feb 2023 / Rev A

for Radio Equipment Directive (RED) 2014/53/EU

Product Name:

Telematics Control Unit

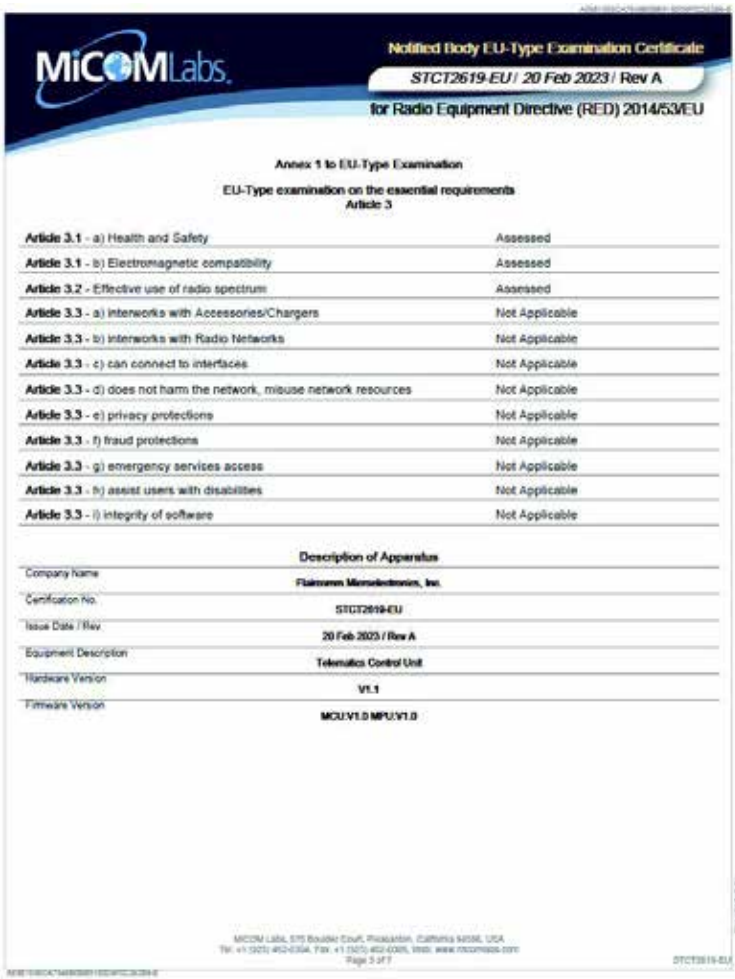
Product Model Numbers: **FLC-WNP265, FLC-WNP265X, FLC-STU265X, FLC-WNP265-W**

Approval Holder: **Fairconn Microelectronics, Inc.**, 7F,Guomai Building,Guomai Science and Technology Park,116 JangBin East Avenue,Mawei District, Fuzhou, Fujian, China

Product Manufacturer: **Fairconn Microelectronics, Inc.**, 7F,Guomai Building,Guomai Science and Technology Park,116 JangBin East Avenue,Mawei District, Fuzhou, Fujian, China

Standards

Group	Name
Article 3.1(a) Health & Safety	EN IEC 62368-1:2020+A11:2020
	EN IEC 62311:2020
Article 3.1(b) Electromagnetic Compatibility	EN 301 489-52 V1.2.1
	EN 301 489-19 V2.2.1
	EN 301 489-1 V2.2.3
Article 3.2 Effective Use of Spectrum	EN 303 413 V1.2.1
	EN 301 511 V12.6.1
	EN 301 908-1 V15.2.1
	EN 301 908-2 V13.1.1
	EN 301 908-13 V13.2.1



MiCOMLabs.

Notified Body EU-Type Examination Certificate

STCT2619-EU / 20 Feb 2023 / Rev A

for Radio Equipment Directive (RED) 2014/53/EU

Annex 1 to EU-Type Examination

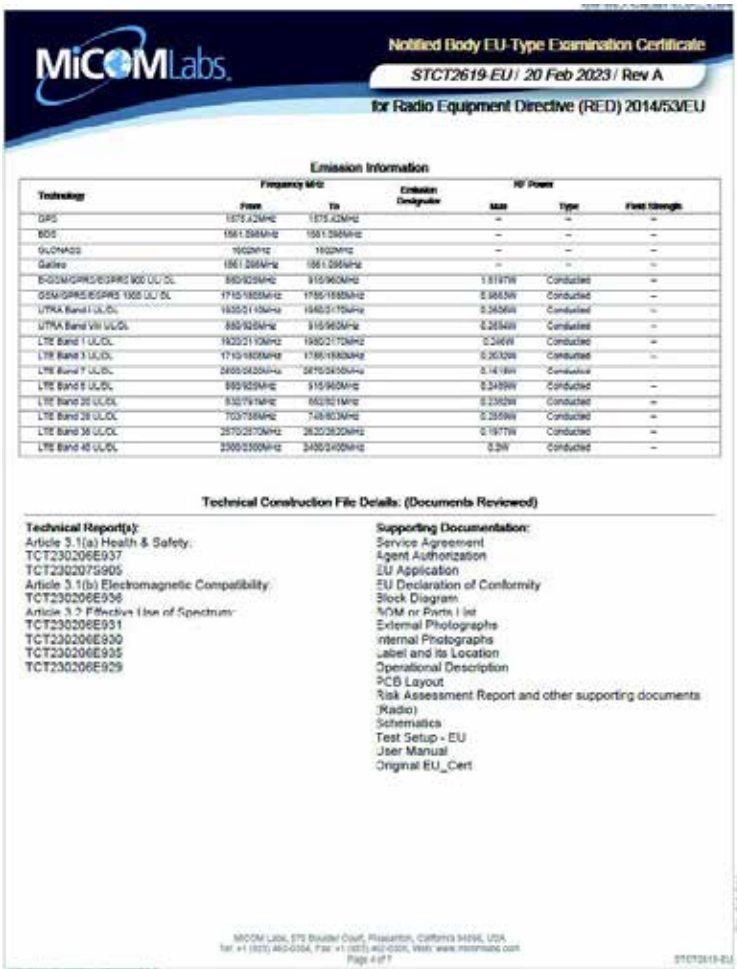
EU-Type examination on the essential requirements
Article 3

Article 3.1 - a) Health and Safety	Assessed
Article 3.1 - b) Electromagnetic compatibility	Assessed
Article 3.2 - Effective use of radio spectrum	Assessed
Article 3.3 - a) interworks with Accessories/Chargers	Not Applicable
Article 3.3 - b) interworks with Radio Networks	Not Applicable
Article 3.3 - c) can connect to interfaces	Not Applicable
Article 3.3 - d) does not harm the network, misuse network resources	Not Applicable
Article 3.3 - e) privacy protections	Not Applicable
Article 3.3 - f) fraud protections	Not Applicable
Article 3.3 - g) emergency services access	Not Applicable
Article 3.3 - h) assist users with disabilities	Not Applicable
Article 3.3 - i) integrity of software	Not Applicable

Description of Apparatus

Company Name	**Flainvenn Microelectronics, Inc.**
Certification No.	**STCT2619-EU**
Issue Date / Rev	**20 Feb 2023 / Rev A**
Equipment Description	**Telematics Control Unit**
Hardware Version	**V1.1**
Firmware Version	**MCU:V1.0 MPU:V1.0**

Declaration of Conformity



MiCOMLabs

Notified Body EU-Type Examination Certificate

STCT2619.EU / 20 Feb 2023 / Rev A

for Radio Equipment Directive (RED) 2014/53/EU

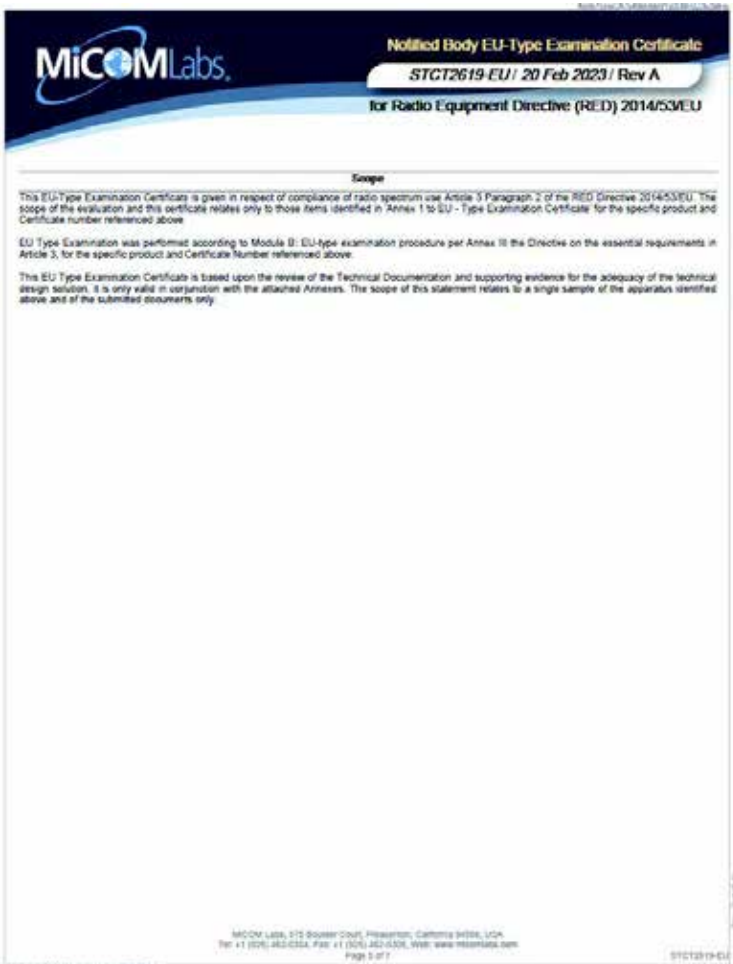
Emission Information

Technology	Frequency MHz		Emission Designator	RF Power		
	From	To		Max	Type	Field Strength
GPS	1575.42MHz	1575.42MHz		–	–	–
BDS	1561.098MHz	1561.098MHz		–	–	–
GLONASS	1602MHz	1602MHz		–	–	–
Galileo	1561.098MHz	1561.098MHz		–	–	–
E-GSM/GPRS/EGPRS 900 UL/ DL	880/925MHz	915/960MHz		1.819W	Conducted	–
GSM/GPRS/EGPRS 1800 UL/ DL	1710/1805MHz	1785/1880MHz		0.985W	Conducted	–
UTRA Band I UL/DL	1920/2110MHz	1980/2170MHz		0.245W	Conducted	–
UTRA Band VIII UL/DL	880/925MHz	915/960MHz		0.245W	Conducted	–
LTE Band 1 UL/DL	1920/2110MHz	1980/2170MHz		0.246W	Conducted	–
LTE Band 3 UL/DL	1710/1805MHz	1785/1880MHz		0.263W	Conducted	–
LTE Band 7 UL/DL	2500/2620MHz	2570/2690MHz		0.141W	Conducted	–
LTE Band 8 UL/DL	880/925MHz	915/960MHz		0.245W	Conducted	–
LTE Band 20 UL/DL	832/791MHz	862/821MHz		0.236W	Conducted	–
LTE Band 28 UL/DL	703/758MHz	748/803MHz		0.265W	Conducted	–
LTE Band 38 UL/DL	2570/2570MHz	2620/2620MHz		0.197W	Conducted	–
LTE Band 40 UL/DL	2300/2300MHz	2400/2400MHz		0.2W	Conducted	–

Technical Construction File Details: (Documents Reviewed)

Technical Report(s):
Article 3.1(a) Health & Safety:
TCT230206E937
TCT230207S905
Article 3.1(b) Electromagnetic Compatibility:
TCT230206E936
Article 3.2 Effective Use of Spectrum:
TCT230206E931
TCT230206E930
TCT230206E935
TCT230206E929

Supporting Documentation:
Service Agreement
Agent Authorization
EU Application
EU Declaration of Conformity
Block Diagram
BOM or Parts List
External Photographs
Internal Photographs
Label and its Location
Operational Description
PCB Layout
Risk Assessment Report and other supporting documents (Radio)
Schematics
Test Setup - EU
User Manual
Original EU_Cert



MiCOMLabs.

Notified Body EU-Type Examination Certificate

STCT2619-EU / 20 Feb 2023 / Rev A

for Radio Equipment Directive (RED) 2014/53/EU

Scope

This EU-Type Examination Certificate is given in respect of compliance of radio spectrum use Article 3 Paragraph 2 of the RED Directive 2014/53/EU. The scope of the evaluation and this certificate relates only to those items identified in 'Annex 1 to EU - Type Examination Certificate' for the specific product and Certificate number referenced above.

EU Type Examination was performed according to Module B: EU-type examination procedure per Annex III the Directive on the essential requirements in Article 3, for the specific product and Certificate Number referenced above.

This EU Type Examination Certificate is based upon the review of the Technical Documentation and supporting evidence for the adequacy of the technical design solution. It is only valid in conjunction with the attached Annexes. The scope of this statement relates to a single sample of the apparatus identified above and of the submitted documents only.

Declaration of Conformity



MiCOMLabs.

Notified Body EU-Type Examination Certificate

STCT2619-EU / 20 Feb 2023 / Rev A

for Radio Equipment Directive (RED) 2014/53/EU

Annex 2 to EU-Type Examination
Obligations of the Applicant

Ref RED 2014/53/EU Article 10 - Obligations of manufacturers

1. When placing their radio equipment on the market, manufacturers shall ensure that it has been designed and manufactured in accordance with the essential requirements set out in Article 3.

2. Manufacturers shall ensure that radio equipment shall be so constructed that it can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.

3. Manufacturers shall draw up the technical documentation referred to in Article 21 and carry out the relevant conformity assessment procedure referred to in Article 17 or have it carried out. Where compliance of radio equipment with the applicable requirements has been demonstrated by that conformity assessment procedure, manufacturers shall draw up an EU declaration of conformity and affix the CE marking.

4. Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the radio equipment has been placed on the market.

5. Manufacturers shall ensure that procedures are in place for series production to remain in conformity with this Directive. Changes in radio equipment design or characteristics and changes in the harmonised standards or in other technical specifications by reference to which conformity of radio equipment is declared shall be adequately taken into account.

When deemed appropriate with regard to the risks presented by radio equipment, manufacturers shall, to protect the health and safety of end-users, carry out sample testing of radio equipment made available on the market, investigate, and, if necessary, keep a register of complaints, of non-conforming radio equipment and radio equipment recalls, and shall keep distributors informed of any such monitoring.

6. Manufacturers shall ensure that radio equipment which they have placed on the market bears a type, batch or serial number or other element allowing its identification, or, where the size or nature of the radio equipment does not allow it, that the required information is provided on the packaging, or in a document accompanying the radio equipment.

7. Manufacturers shall indicate on the radio equipment their name, registered trade name or registered trade mark and the postal address at which they can be contacted or, where the size or nature of radio equipment does not allow it, on its packaging, or in a document accompanying the radio equipment. The address shall indicate a single point at which the manufacturer can be contacted. The contact details shall be in a language easily understood by end-users and market surveillance authorities.

8. Manufacturers shall ensure that the radio equipment is accompanied by instructions and safety information in a language which can be easily understood by consumers and other end-users, as determined by the Member State concerned. Instructions shall include the information required to use radio equipment in accordance with its intended use. Such information shall include, where applicable, a description of accessories and components, including software, which allow the radio equipment to operate as intended. Such instructions and safety information, as well as any labelling, shall be clear, understandable and intelligible.

The following information shall also be included in the case of radio equipment intentionally emitting radio waves:

(a) frequency band(s) in which the radio equipment operates,
(b) maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates.

9. Manufacturers shall ensure that each item of radio equipment is accompanied by a copy of the EU declaration of conformity or by a simplified EU declaration of conformity. Where a simplified EU declaration of conformity is provided, it shall contain the exact internet address where the full text of the EU declaration of conformity can be obtained.

10. In cases of restrictions on putting into service or of requirements for authorisation of use, information available on the packaging shall allow the identification of the Member States or the geographical area within a Member State where restrictions on putting into service or requirements for authorisation of use exist. Such information shall be completed in the instructions accompanying the radio equipment. The Commission may adopt implementing acts specifying how to present that information. Those implementing acts shall be adopted in accordance with the advisory procedure referred to in Article 45(2).



MiCOMLabs.

Notified Body EU-Type Examination Certificate

STCT2619.EU / 20 Feb 2023 / Rev A

for Radio Equipment Directive (RED) 2014/53/EU

11. Manufacturers who consider or have reason to believe that radio equipment which they have placed on the market is not in conformity with this Directive shall immediately take the corrective measures necessary to bring that radio equipment into conformity, to withdraw it or recall it, if appropriate. Furthermore, where the radio equipment presents a risk, manufacturers shall immediately inform the competent national authorities of the Member States in which they made the radio equipment available on the market to that effect, giving details, in particular, of the noncompliance, of any corrective measures taken and of the results thereof.

12. Manufacturers shall, further to a reasoned request from a competent national authority, provide it with all the information and documentation in paper or electronic form necessary to demonstrate the conformity of the radio equipment with this Directive, in a language which can be easily understood by that authority. They shall cooperate with that authority, at its request, on any action taken to eliminate the risks posed by radio equipment which they have placed on the market.

Ref RED 2014/53/EU Article 11 - Authorised representatives

1. A manufacturer may, by a written mandate, appoint an authorised representative.

The obligations laid down in Article 10(1) and the obligation to draw up technical documentation laid down in Article 10(3) shall not form part of the authorised representative's mandate.

2. An authorised representative shall perform the tasks specified in the mandate received from the manufacturer. The mandate shall allow the authorised representative to do at least the following:

(a) keep the EU declaration of conformity and the technical documentation at the disposal of national market surveillance authorities for 10 years after the radio equipment has been placed on the market;

(b) further to a reasoned request from a competent national authority, provide that authority with all the information and documentation necessary to demonstrate the conformity of radio equipment;

(c) co-operate with the competent national authorities, at their request, on any action taken to eliminate the risks posed

Article 19 General principles of the CE marking

1.The CE marking shall be subject to the general principles set out in Article 30 of Regulation (EC) No 765/2008.

2.On account of the nature of radio equipment, the height of the CE marking affixed to radio equipment may be lower than 5 mm, provided that it remains visible and legible.

Article 20 Rules and conditions for affixing the CE marking and the identification number of the notified body

1.The CE marking shall be affixed visibly, legibly and indelibly to the radio equipment or to its data plate, unless that is not possible or not warranted on account of the nature of radio equipment. The CE marking shall also be affixed visibly and legibly to the packaging.

2.The CE marking shall be affixed before the radio equipment is placed on the market.

3.Member States shall build upon existing mechanisms to ensure correct application of the regime governing the CE marking and shall take appropriate action in the event of improper use of that marking.

Declaration of Conformity

Cyprus, Malta, Ireland and UK:



COMPLIANCE

SGS

VERIFICATION OF COMPLIANCE

No.:	SUES2507001388AT
Applicant:	Panasonic Microelectronics,Inc. 5F, Building 1, 118 Jiangbin East Avenue, Mawei District, Fuzhou City, Fuzhou Province, China
Manufacturer:	Panasonic Microelectronics,Inc. 5F, Building 1, 118 Jiangbin East Avenue, Mawei District, Fuzhou City, Fuzhou Province, China
Product Name:	CONTROLLER ASSY,VEHICLE COMMUNICATON
Product Description:	CONTROLLER ASSY,VEHICLE COMMUNICATON
Model No.:	FLC-WNP26D, FLC-STU26DX, FLC-WNP26DX
Trade Mark:	--
Rating:	9V d.c.-16Vd.c., 0.5A-1.0A, 15W
Protection against Electric Shock:	Class II
Additional Information (if any):	None

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard:	EN IEC 62368-1: 2020 + A11: 2020
as shown in the Test Report Number(s):	SUES250700138801

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards.

Technical Manager

2026-09-03

SGS-CSTC Standards Technical Services Co., Ltd.

SGS

CE 0598

CERTIFICATE RED-3953

Issue no. Issue 1

EU TYPE EXAMINATION CERTIFICATE

RADIO EQUIPMENT DIRECTIVE 2014/53/EU

Product	CONTROLLER ASSY,VEHICLE COMMUNICATON
Model	FLC-WNP26D
Series models	-
Trademark	-
Certificate holder / Manufacturer	Flaircomm Microelectronics,Inc. 5F, Building 1, 116 Jiangbin East Avenue, Mawei District, Fuzhou, Fujian, China
Other information	-
Compliance with the requirements on the basis of type examination	Product fulfils the requirements of the standard(s) listed on page 2 and the essential requirements set out in Article 3.3d (Cyber security) of the Radio Equipment Directive 2014/53/EU.
Validity	This certificate is valid until 2030-08-28 unless the standard in question has been amended or superseded.
Date of Issue	2025-08-28
	SGS Fimko Oy
Signature	Eddy Zong Certifier

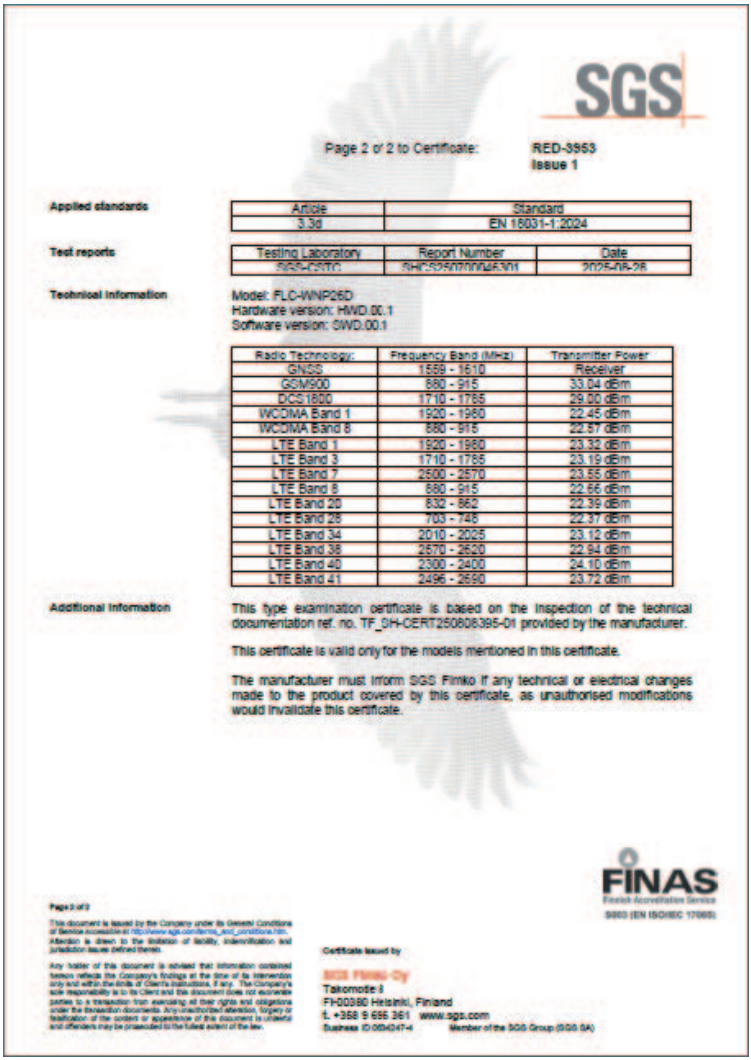
SGS Fimko Oy is a Notified Body (0598) according to the RE Directive 2014/53/EU.

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Certificate issued by
SGS Fimko Oy
Takomotie 8
FI-00380 Helsinki, Finland
t. +358 9 696 361 www.sgs.com
Business ID 0634247-4 Member of the SGS Group (SGS SA)

Declaration of Conformity



SGS

Page 2 of 2 to Certificate: RED-3553
Issue 1

Applied standards

Article	Standard
3.3d	EN 18031-1:2024

Test reports

Testing Laboratory	Report Number	Date
SGS-CSTC	SHCR250700006EXW1	2025-08-28

Technical information

Model: FLC-WNP26D
Hardware version: HWD.00.1
Software version: SWD.00.1

Radio Technology:	Frequency Band (MHz)	Transmitter Power
GNSS	1559 - 1610	Receiver
GSM900	880 - 915	33.04 dBm
DCS1800	1710 - 1785	29.00 dBm
WCDMA Band 1	1920 - 1980	22.45 dBm
WCDMA Band 8	880 - 915	22.57 dBm
LTE Band 1	1920 - 1980	23.32 dBm
LTE Band 3	1710 - 1785	23.19 dBm
LTE Band 7	2500 - 2570	23.55 dBm
LTE Band 8	880 - 915	22.56 dBm
LTE Band 20	832 - 862	22.39 dBm
LTE Band 28	703 - 748	22.37 dBm
LTE Band 34	2010 - 2025	23.12 dBm
LTE Band 38	2570 - 2620	22.94 dBm
LTE Band 40	2300 - 2400	24.10 dBm
LTE Band 41	2496 - 2690	23.72 dBm

Additional information

This type examination certificate is based on the inspection of the technical documentation ref. no. TF_SH-CERT250806395-01 provided by the manufacturer.

This certificate is valid only for the models mentioned in this certificate.

The manufacturer must inform SGS Fimko if any technical or electrical changes made to the product covered by this certificate, as unauthorised modifications would invalidate this certificate.

FINAS
Finnish Accreditation Service
S063 (EN ISO/IEC 17065)

Page 2 of 2

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Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Certificate issued by
SGS Fimko Oy
Takomotie 8
FI-00380 Helsinki, Finland
t. +358 9 696 361 www.sgs.com
Business ID 0854247-4 Member of the SGS Group (SGS SA)

Israel:



Declaration of Conformity

High-Voltage Battery

CALB 中创新航

No. CALB-EU-250KEU-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: 2023. 11. 04

Signature:

Tire Pressure Monitoring System (TPMS)

Europe:



Continental Automotive

Continental Automotive Technologies GmbH, Vahrenwald 13, D-30855 Regensburg

Anamaria Perrini
A HEAT LM TSR CE HW EU2 TSR COE HOM
Tel: +40 374- 35-5511
Fax: +40 374- 36-5511
anamaria.perrini@continental-corporation.com

Date
25.07.2022

Internal reference no.
RED_EU-DOC_TIS-09DL

EU Declaration of Conformity in accordance with Directive 2014/53/EU[1] (RE)

This declaration of conformity is issued under the sole responsibility of the manufacturer.*

Manufacturer* Address*	Continental Automotive Technologies GmbH Siemensstrasse 12 D-93055 Regensburg Germany
Product type designation:*	Tire pressure monitoring sensor*
	List of product model numbers registered in this declaration of conformity:*
	TIS-09DL
Intended use:*	Automotive product with original parts mounted/used in the original position in the vehicle as defined by the vehicle manufacturer.*

1/16

Continental Automotive Technologies GmbH | Information Services & SCM Hannover | P.O. Box 169 | 30001 Hannover
Tel: +49 (0)511 938-01 | Fax: +49 (0)511 938-81770 | www.continental-automotive.com
Corporate Headquarters: Hannover | Commercial Register: Amtsgericht Hannover | HRB 7868 | VAT number: DE 34 1947 044
Managing Director Nicole Mainer, Heinz Gumtersen, Alfredo Poeschel, Frank Metzler, Andreas Lutz
Work Council: Joachim Reis, Frankfurt | BIC/SWIFT: DEUTDEFFXXX | Account no.: 5486447 600 | Bank code: 50070010 |
IBAN: DE27500700105486447600

Declaration of Conformity

Continental

EU Declaration of Conformity in accordance with directive 2014/53/EU:[1]

- 2/16 -

The product described above is in conformity with the relevant Union harmonization legislation, when used for its intended purpose.[4]

Health and safety pursuant to article 3(1)(a):[3]	Applied standards:[3] EN 62368-1:2014+A11:2017 IEC 62368-1:2014 (Second Edition)
Electromagnetic compatibility pursuant to article 3(1)(b):[3]	Applied standards[3] EN 301 489-1 V2.2.3 EN 301 489-3 V2.1.1 EN 55032: 2015+A11: 2020 EN 61000-3-2: 2014 EN 61000-3-3: 2013+A1:2019 EN 61000-4-2: 2009 EN 61000-4-3: 2006+A1:2008+A2:2010 EN 61000-4-4: 2012 EN 61000-4-5: 2014 EN 61000-4-6: 2014 EN 61000-4-11: 2004
Efficient use of spectrum pursuant to article 3(2):[3]	Applied standards:[3] EN 300 220-1 V3.1.1 EN 300 220-2 V3.1.1 EN 62479:2010

The declaration of compliance with the applied standards for health and safety pursuant to article 3(1)(a) is limited explicitly to the product mentioned above and does not include any accessories the manufacturer is not responsible for.[4]

The following marking applies to the above-mentioned product:[4]

CE

The required European languages can be found on the following pages.[1]

Continental Automotive Technologies GmbH
Regensburg, 25.07.2022

Dr. Andreas Listl
Managing Director

Marcus Lichtenberg
Head of HEAT CE Hardware

Australia:



ANZ Electrical Compliance

ANZ Electrical Compliance Pty Ltd
8 Coolamundra Crescent, Blackburn, VIC 3130, AUSTRALIA

Tel: +61 (0)430 412 380

SUPPLIER'S DECLARATION OF CONFORMITY

As required under the following legislative instruments.

- Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2017 made under subsection 182(1) of the Radiocommunications Act 1992, and
- Schedule 3 to the Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules) made under subsection 102(1) of the Radiocommunications Act 1992

AUTHORISED AGENT DETAILS

Authorised Agent Name: ANZ Electrical Compliance Pty Ltd

Address: 8 Coolamundra Crescent, Blackburn, VIC 3130, AUSTRALIA

ABN: 27 648 268 099 Responsible Supplier Number: E10433

Phone: +61 (0)430 412 380 Postal address: PO Box 1099, Blackburn North, VIC 3130, AUSTRALIA

PRODUCT DETAILS

Product Description: Tire Pressure Monitoring Sensor	
Trade Name/Manufacturer: Continental	
Model Number(s): TIS-09DL	
Frequency or Frequency range (MHz):	Radiated power e.i.r.p (dBm):
433.92	- 16.04

COMPLIANCE INFORMATION AND PRODUCT LABELLING

Required Marking*: , Trade Name and Model Number
Compliance Folder Reference: P25914LR
Date of Compliance Folder: 15 January 2026

* - RCM shall be at least 3 mm in height; Trade name/Model number shall be at least 1 mm in height.

Page 1 of 2

Declaration of Conformity

ANZ Electrical Compliance

acma

ANZ Electrical Compliance Pty Ltd
8 Coolamanda Crescent, Blackburn, VIC 3130, AUSTRALIA

Tel: +61 (0)430 412 380

COMPLIANCE – APPLICABLE STANDARDS AND OTHER SUPPORTING DOCUMENTS

Having had regard to these documents, I am satisfied the above mentioned product complies with the requirements of the relevant ACMA Standards made under the Radiocommunications Act 1992.

The table below lists the details of the documents the above statement was made.

Compliance Level	Standard(s)	Report number	Accreditation (if required)
2 (Medium Risk)	Radiocommunications (Electromagnetic Compatibility) Standard 2017 (EN 55032:2015 +A11)	T210406W04-RE	TAF
1	AS/NZS 4268:2017 +A1 [a]	T210406W04-RT	TAF
1	EME Standard (arpansa RPS S-1) [b]	T210406W04-MC	TAF

a: As specified in Schedule 4 of Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules), Radiocommunications Equipment (General) Amendment Rules 2021 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2023 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2024 (No. 1).

b: As specified in Schedule 4 of Radiocommunications Equipment (General) Rules 2021 (the General Equipment Rules), Radiocommunications Equipment (General) Amendment Rules 2021 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2023 (No. 1), Radiocommunications Equipment (General) Amendment Rules 2024 (no. 1).

DECLARATION

I hereby declare that:

1. I am authorised to make this declaration on behalf of the Company mentioned above,

2. the contents of this form are true and correct,

3. the product mentioned above complies with the applicable above mentioned standards and all products supplied under this declaration will be identical to the product identified above, and

4. I understand under section 137.1 of the Criminal Code Act 1995, it is an offence to knowingly provide false or misleading information to a Commonwealth entity

Joshua HUANG
On 15 January 2026
Compliance Specialist
ANZ Electrical Compliance

Page 2 of 2

New Zealand:

ANZ
Electrical Compliance

RADIO SPECTRUM MANAGEMENT

ANZ Electrical Compliance
139 Vincent Street, Auckland CBD, Auckland 1010, NZ

Tel: +61 (0)430 412 380

SUPPLIER'S DECLARATION OF CONFORMITY

Section 134 (1) (g) of the New Zealand Radiocommunications Act 1989.

AUTHORISED AGENT DETAILS

Authorised Agent Name: ANZ Electrical Compliance Limited

Address: 139 Vincent Street, Auckland CBD, AUCKLAND 1010, NEW ZEALAND

NZBN: 9429047590168 Responsible Supplier Number: E10433

PRODUCT DETAILS

Product Description: Tire Pressure Monitoring Sensor	
Trade Name/Manufacturer: Continental	
Model Number(s): TIS-09DL	
Frequency or Frequency range (MHz):	Radiated power e.i.r.p (dBm):
433.92	- 18.04

COMPLIANCE INFORMATION AND PRODUCT LABELLING

Required Marking*: , R-NZ, Trade Name and Model Number
Compliance Folder Reference: P25914LR
Date of Compliance Folder: 15 January 2026

* - RCM shall be at least 3 mm in height; Trade name/Model number shall be at least 1 mm in height.

COMPLIANCE – APPLICABLE STANDARDS AND OTHER SUPPORTING DOCUMENTS

Compliance Level	Standard(s)	Report number	Accreditation (if required)
2	EN 55032:2015 +A11	T210406W04-RE	TAF
A1	AS/NZS 4268:2017 +A1	T210406W04-RT	TAF

DECLARATION

I hereby declare that the product to which this declaration of conformity relates complies with the mentioned standard(s), and all products supplied under this Declaration will be identical to the sample identified in this Declaration.

Joshua HUANG
On 15 January 2026
Compliance Specialist
ANZ Electrical Compliance

Page 1 of 1

Declaration of Conformity

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission

แบบหมายเลข "แบบรับรองตนเองของผู้ประกอบการ (Supplier's Declaration of Conformity : SDoC)"
เลขที่ (SDoC No.) 5007806-25 ลงวันที่ 9 กันยายน 2568

สำนักงาน กสทช. ได้รับแบบรับรองตนเองของผู้ประกอบการ (SDoC)

ของ ห้างหุ้นส่วนจำกัด ไมล บานนา ทรี

ซึ่งได้ ทำการยื่นขอรับรองตนเองเครื่องโทรคมนาคมและอุปกรณ์ ดังนี้

รายการที่ขอรับรองตนเอง
ชนิดเภท Tire pressure monitoring sensor
ตรายี่ห้อ Continental
แบบ/รุ่น TR-09DL

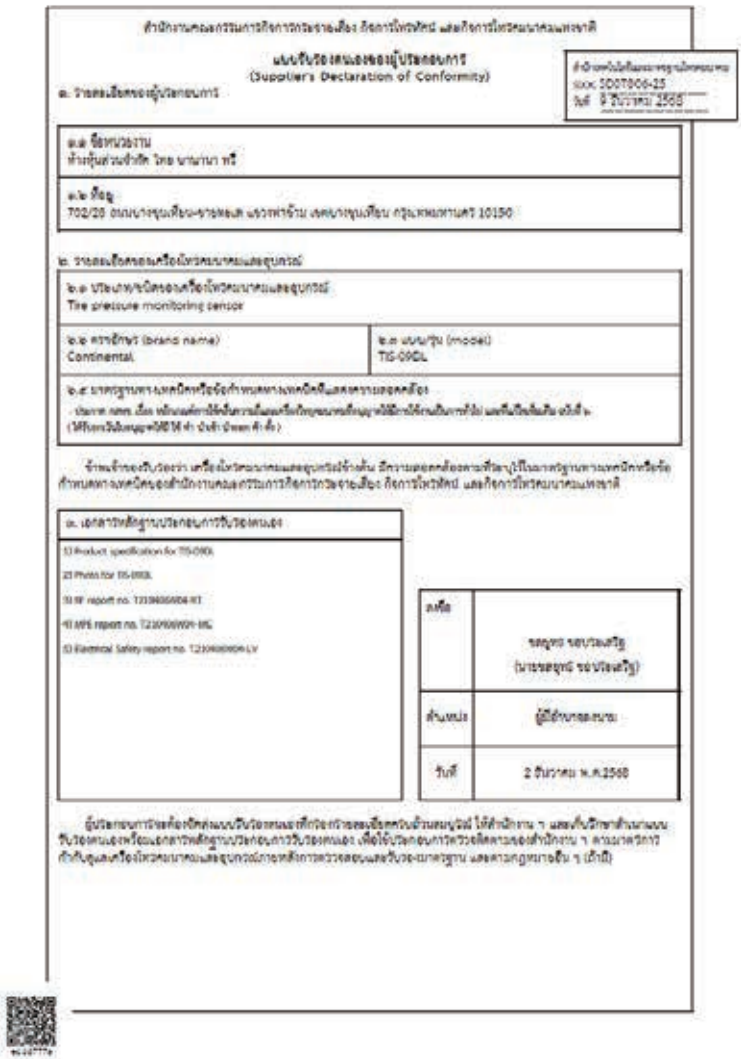
ลงนาม _____

(นายนรวี มกรานาคา)
ผู้อำนวยการฝ่ายมาตรฐานโทรคมนาคม
รักษาการแทน ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม

เงื่อนไขการออกรับแบบรับรองตนเองของผู้ประกอบการ

1. แบบรับรองนี้แสดงว่าผู้ประกอบการได้ทำการรับรองตนเองว่าเครื่องโทรคมนาคมและอุปกรณ์ ดังรายละเอียดแนบท้ายนี้มีความสอดคล้องกับการอนุญาตของ กสทช.
2. ผู้ประกอบการต้องแสดงเครื่องโทรคมนาคมและอุปกรณ์ให้เห็นแยกระยะห่างจากสิ่งอื่นเอกสารและลักษณะทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ ที่ยื่นขอรับรองตนเองไว้กับสำนักงาน กสทช.
3. ผู้ประกอบการจะต้องปฏิบัติตามประกาศ กสทช. เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์โดยเคร่งครัด





สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

แบบรับรองตนเองของผู้ประกอบการ
(Supplier's Declaration of Conformity)

สำนักงานได้ลงทะเบียนรายการนี้ตามหนังสือ
ระหว่าง 5007906-25
วันที่ 9 มีนาคม 2568

๑. รายละเอียดของผู้ประกอบการ

๑.๑ ชื่อหน่วยงาน
ห้างหุ้นส่วนจำกัด ไทย นานา ทรี

๑.๒ ที่อยู่
702/20 ถนนบางขุนเทียน-ชายทะเล แขวงท่าข้าม เขตบางขุนเทียน กรุงเทพมหานคร 10150

๒. รายละเอียดของเครื่องโทรคมนาคมและอุปกรณ์

๒.๑ ประเภท/ชนิดของเครื่องโทรคมนาคมและอุปกรณ์
Tire pressure monitoring sensor

๒.๒ ตราชื่อทางการค้า (brand name)	๒.๓ แบบ/รุ่น (model)
Continental	TIS-09DL

๒.๔ มาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคที่แสดงรายละเอียดของเครื่อง
- ประกาศ กสทช. เรื่อง หลักเกณฑ์การใช้คลื่นความถี่และเครื่องวิทยุคมนาคมที่ต้องได้รับใบอนุญาตให้มีและใช้งานเป็นการทั่วไป และหลักเกณฑ์และวิธีการ ฉบับที่ ๑ (ให้ใช้ตารางนี้แสดงอุปกรณ์ได้มีกำลังส่งเกินกว่า ๑ เครื่อง)

ข้าพเจ้าขอรับรองว่า เครื่องโทรคมนาคมและอุปกรณ์ข้างต้น มีความสอดคล้องตามที่ได้ระบุไว้ในมาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคของสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

๓. เอกสารหลักฐานประกอบการรับรองตนเอง

1) Product specification for TIS-09DL
2) Photo for TIS-09DL
3) RF report no. T230605604-RT
4) EMC report no. T230605604-WL
5) Electrical Safety report no. T230605604-LV

ลงชื่อ	ขอบคุณ ขอบใจมาก (นายขอบคุณ ขอบใจมาก)
ตำแหน่ง	ผู้มีอำนาจลงนาม
วันที่	2 มีนาคม พ.ศ.2568

ผู้ประกอบการจะต้องจัดส่งแบบรับรองตนเองที่กรอกรายละเอียดครบถ้วนสมบูรณ์ ให้สำนักงาน ฯ และเก็บรักษาสำเนาแบบรับรองตนเองพร้อมเอกสารหลักฐานประกอบการรับรองตนเอง เพื่อใช้ประกอบการตรวจติดตามของสำนักงาน ฯ ตามมาตรการกำกับดูแลเครื่องโทรคมนาคมและอุปกรณ์ภายหลังการตรวจสอบและรับรองมาตรฐาน 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/25/7073

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.

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: 81201099328590000010 6

Berdasarkan Undang-Undang Nomor 6 Tahun 2023 tentang Penetapan Peraturan Pemerintah Pengganti Undang-Undang Nomor 2 Tahun 2022 tentang Cipta Kerja Menjadi Undang-Undang, Pemerintah Republik Indonesia menerbitkan Perizinan Berusaha Untuk Menunjang Kegiatan Usaha (PBUMKU) yang merupakan Sertifikat Alat Telekomunikasi dan/atau Perangkat Telekomunikasi kepada pelaku Usaha berikut ini:

Nama Pelaku Usaha	: PT BUKOKARS MOTOR INDONESIA
Nomor Induk Berusaha (NIB)	: 8120109932859
Alamat Kantor	: Jalan Teuku Nyak Arief nomor 9D, Desa/Kelurahan Gregol 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 Gregol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta Kode Pos: 12220

Telah Memenuhi Persyaratan:

Lampiran Perizinan Berusaha Untuk Menunjang Kegatan 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, tercatat dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha*
2. *Dalam hal terdapat kesalahan di 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 mohon dibandingkan dengan aplikasi pelaku sistem OSS menggunakan nib acak.*

PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT ALAT TELEKOMUNIKASI DAN/ATAU PERANGKAT TELEKOMUNIKASI
LAMPIRAN PB-UMKU : 812010903265000000106

Lampiran di bawah ini memuat data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi .

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
Frekuensi 433.05 MHz - 434.79 MHz
Daya Pancar : < 10 mWatt

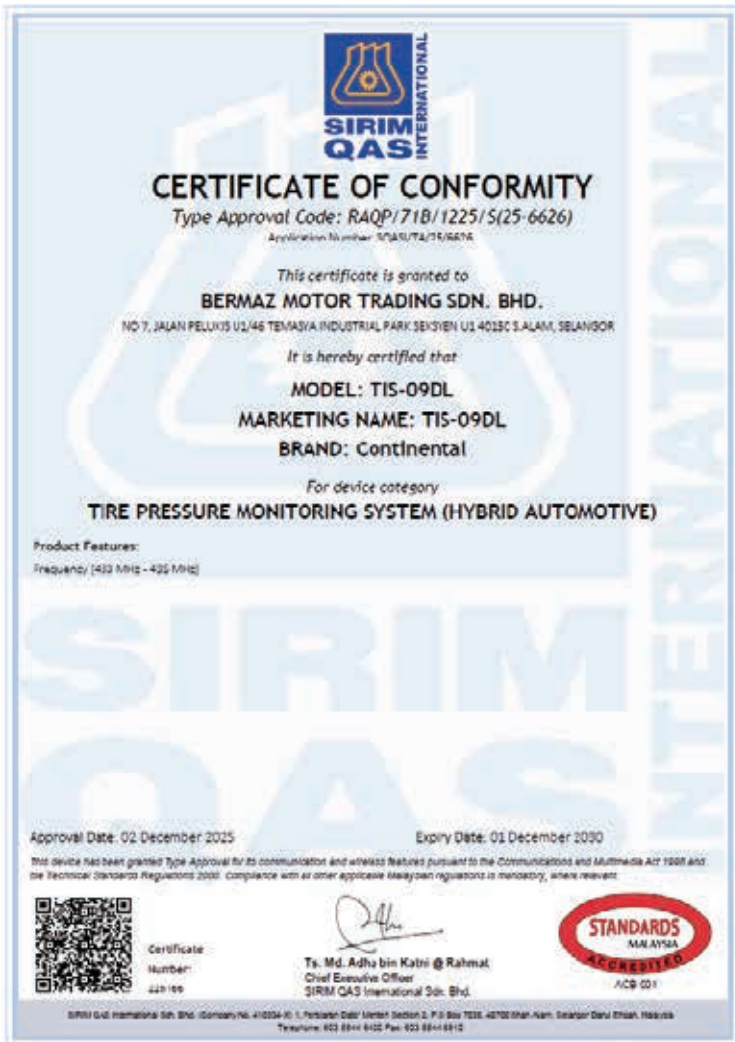
Direktorat Layanan Infrastruktur Digital
Menara Cemerlang Lt. 12
Jl. Abdan Mandala Selatan No. 14, Jakarta Timur 13110
https://bsse.kominfo.go.id

1. Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tercetak dalam sistem OSS yang menjadi tanggung jawab Pelaku Usaha.
2. Dalam hal terjadi kekeliruan isi dokumen ini akan dilakukan perbaikan sebagaimana mestinya.
3. Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSrE-BSSN.
4. Cara tentang Pelaksanaan Berusaha dapat diperoleh melalui sistem OSS menggunakan fitur akses.

Balai Sertifikasi Elektronik

Declaration of Conformity

Malaysia:



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RAQP/71B/1225/S(25-6626)

Application Number: SIRIM/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: 225199

Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED
ACB 031

SIRIM QAS International Sdn. Bhd. (Company No. 410334-X) 1, Persiaran Dato' Menteri Section 2, P.O Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603 8541 6400 Fax: 603 8541 6512

Page 1 of 2



SIRIM QAS INTERNATIONAL

CERTIFICATE OF CONFORMITY

Type Approval Code: RAQP/71B/1225/S(25-6626)

Application Number: SQAS/TA/22/0020

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.

Certificate Number: 225149

Ts. Md. Adha bin Katni @ Rahmat
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

STANDARDS MALAYSIA ACCREDITED
ACB 031

SIRIM QAS International Sdn. Bhd. (Company No. 410334-W), 1, Persiaran Dato' Menteri Section 2, P.O Box 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Telephone: 603 8544 6400 Fax: 603 8544 6810

Page 2 of 2

Declaration of Conformity

Israel:



Remote Key

Europe:



Certificate of Compliance

No. DDT-CE24102309-2E01

We hereby certify that the following product has been tested by Guangdong Dongdian Testing Service Co., Ltd. with the listing standards and found in conformity with the Directive of 2014/53/EU. It is possible to use CE marking to demonstrate the conformity with this RE Directive.

Applicant	:	Wuhu Atech Automotive Co., Ltd.
Address	:	48th Yinhu North Road, Wuhu Area, China (Anhui) Pilot Free Trade Zone Wuhu, Anhui Province, China
Equipment under Test	:	J60A_EU_KEY
Model Number	:	GHWL-575RY
Manufacturer	:	Wuhu Atech Automotive Co., Ltd.
Address	:	48th Yinhu North Road, Wuhu Area, China (Anhui) Pilot Free Trade Zone Wuhu, Anhui Province, China
Test Standards	:	EN 55032:2015+A11:2020, EN 55035:2017+A11:2020, ETSI EN 301 489-1 V2.2.3 (2019-11), ETSI EN 301 489-3 V2.3.2 (2023-01), EN 300 220-1 V3.1.1 (2017-02), EN 300 220-2 V3.2.1 (2018-06), EN 300 330 V2.1.1 (2017-02), EN 62479:2010, EN 50663:2017, EN IEC 62368-1:2020+A11:2020
Test Report No.	:	DDT-RE24102309-1E01, DDT-RE24102309-1E02, DDT-RE24102309-2E01, DDT-RE24102309-2E02, DDT-RE24102309-2E03, DDT-RE24102309-1S01

CE

Authorized Signer

Damon Hu/EMC Manager

Date of Issue: Jan. 08, 2025

The statement is based on a single evaluation of one sample of above mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo

Guangdong Dongdian Testing Service Co., Ltd.

Unit 2, Building 1, No.17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808 Tel: +86-0769-39926678 http://www.dgddt.com

Declaration of Conformity

Australia and New Zealand:

RADIO SPECTRUM MANAGEMENT

MINISTRY OF BUSINESS, INNOVATION & EMPLOYMENT

Supplier's Declaration of Conformity

Section 134 (1) (g) of the New Zealand Radiocommunications Act 1989

Note | This completed form remains with the supplier as part of the documentation required for the "Compliance folder"

1. Supplier details

Name (of manufacturer, importer or authorised agent): SCY International Trading Limited	New Zealand physical address: 33 Hardie Street Palmerston North 4410
New Zealand contact information: Telephone:	New Zealand postal address (if different):
(New Zealand) Company number or GST number: 5589606	Supplier number (include "E" or "Z"): E3403

2. Product details

Brand name:	MAZDA	
Model, lot, batch or serial number:	GHWL-675RY	
Description and function:	J90A_EU_KEY	
If radio product:	Frequency or frequency range (MHz): 433.42MHz, 433.92MHz, 434.42 MHz	Radiated power e.i.r.p (dBW): -16.98, -17.00, -16.99dBm
Applicable standard title, number & edition:	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-3 V2.3.2 (2023-01) EN 300 220-1 V3.1.1 (2017-02), EN 300 220-2 V3.2.1 (2018-06) EN 62479:2010, EN 50663:2017	
Test report number or other identifier:	DDT-RE24102309-1E02 DDT-RE24102309-2E01 DDT-RE24102309-2E03	

3. Declaration

I hereby declare that the product to which this declaration of conformity relates complies with the mentioned standard(s), and all products supplied under this Declaration will be identical to the sample identified in this Declaration.

Signature of supplier/agent:	Print name: Ke CHEN
Date: 13-06-2025	Position in organisation: Director

Thailand:

สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission

แบบหนังสือรับ "แบบรับรองตนเองของผู้ประกอบการ (Supplier's Declaration of Conformity : SDoC)"
เลขที่ (SDoC No.) : SD02914-25 ลงวันที่ 16 มิถุนายน 2568

สำนักงาน กสทช. ได้รับแบบรับรองตนเองของผู้ประกอบการ (SDoC)

ของ บริษัท ล้านนา คอนรัคติ้ง จำกัด

ซึ่งได้ ทำการยื่นขอรับรองตนเองเครื่องโทรคมนาคมและอุปกรณ์ ดังนี้

รายการที่ขอรับรองตนเอง
ประเภท J90A_EU_KEY
ตรายี่ห้อ MAZDA
แบบ/รุ่น GHWL-675RY

ลงนาม _____

(นายอิสพร ศิลิคเจริญ)
ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม

เงื่อนไขการยอมรับแบบรับรองตนเองของผู้ประกอบการ

1. แบบรับหนังสือนี้แสดงว่าผู้ประกอบการได้ทำการรับรองตนเองว่าเครื่องโทรคมนาคมและอุปกรณ์ ตรายี่ห้อและแบบ/รุ่นดังกล่าวมีความถูกต้องรับการอนุญาตของ กสทช.
2. ผู้ประกอบการต้องไม่ดัดแปลงเครื่องโทรคมนาคมและอุปกรณ์ให้ผิดแผกไปจากที่ระบุไว้ในเอกสารและลักษณะทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ ที่ได้ขอรับรองตนเองไว้กับสำนักงาน กสทช.
3. ผู้ประกอบการจะต้องปฏิบัติตามประกาศ กสทช. เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์โดยเคร่งครัด

Declaration of Conformity

สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

แบบรับรองตนเองของผู้ประกอบการ
(Supplier's Declaration of Conformity)

สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
รับที่ SD02914-25
วันที่ 16 มิถุนายน 2568

๑. รายละเอียดของผู้ประกอบการ

๑.๑ ชื่อหน่วยงาน บริษัท ทิว.แมน คอนซัลติ้ง จำกัด
๑.๒ ที่อยู่ 34/35 ซอยนาคนิวาส 48 แยก 14-14 ถนนนาคนิวาส แขวงลาดพร้าว เขตลาดพร้าว กรุงเทพมหานคร 10230

๒. รายละเอียดของเครื่องโทรคมนาคมและอุปกรณ์

๒.๑ ประเภท/ชนิดของเครื่องโทรคมนาคมและอุปกรณ์ J90A_EU_KEY	
๒.๒ ตราสัญลักษณ์ (brand name) MAZDA	๒.๓ แบบ/รุ่น (model) GHWL-675RY
๒.๔ มาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคที่ผลงานความสอดคล้อง - ประกาศ กสทช. เรื่อง หลักเกณฑ์การใช้คลื่นความถี่และเครื่องวิทยุคมนาคมหรืออุปกรณ์ให้มีการใช้งานเป็นการทั่วไป และที่ได้รับเพิ่มเติม ฉบับที่ ๖ (ให้ระบุว่าใบอนุญาตให้ใช้ ให้ ทำ ข้างหน้าประเภท ข้อ ๓)	

ข้าพเจ้าขอรับรองว่า เครื่องโทรคมนาคมและอุปกรณ์ข้างต้น มีความสอดคล้องตามที่ระบุไว้ในมาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคของสำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

๓. เอกสารหลักฐานประกอบการรับรองตนเอง
1) Datasheet
2) Declaration Letter - brand name
3) DOT-RE24L02309-2E03
4) DOT-RE24L02309-2E01
5) DOT-RE24L02309-2E02

ลงชื่อ	พิมิดา พื้นชมภู (นางพิมิดา พื้นชมภู)
ตำแหน่ง	ผู้มีอำนาจลงนาม
วันที่	13 มิถุนายน พ.ศ.2568

ผู้ประกอบการจะต้องจัดส่งแบบรับรองตนเองที่กรอกรายละเอียดครบถ้วนสมบูรณ์ ให้สำนักงาน ฯ และเก็บรักษาสำเนาแบบรับรองตนเองพร้อมเอกสารหลักฐานประกอบการรับรองตนเอง เพื่อใช้ประกอบการตรวจติดตามของสำนักงาน ฯ ตามมาตรการกำกับดูแลเครื่องโทรคมนาคมและอุปกรณ์ภายหลังการตรวจสอบและรับรองมาตรฐาน และตามกฎหมายอื่น ๆ (ถ้ามี)

0cc3deae

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-67SRY
Equipment Description:	J90A_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.

Declaration of Conformity

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



@IMDAsg | #IMDigitalArchitect

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) : 8120109932869
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 keamanan International Mobile Equipment Identity (IMEI) dan daftar IMEI yang diseluju 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, tersimpan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dalam hal terjadi kekeliruan 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.

Beini Sertifikasi Elektronik

Declaration of Conformity

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

Dicetak 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 kekeliruan 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 : 8120109932859000000082

Lampiran di bawah ini memuat data teknis Alat Telekomunikasi dan/atau Perangkat Telekomunikasi :

KOMDIGI

SERTIFIKAT / *CERTIFICATE*

NOMOR / *NUMBER* : 111884/DJID/2025

Nama Perangkat *Name of Equipment*	: J90A_EU_KEY	Diajukan Oleh *Applied by*	: PT EUROKARS MOTOR INDONESIA
Merek *Trade Mark*	: MAZDA	Alamat *Address*	: Jalan Teuku Nyak Arief nomor 90, Desa/Kelurahan Grogol Selatan, Kec. Kebayoran Lama, Kota Adm. Jakarta Selatan, Provinsi DKI Jakarta, Kode Pos: 12220
Tipe *Type*	: GHWL-675RY	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 / *Operating Frequencies* : SRD
SRD

Frekuensi : 433 MHz - 434,79 MHz
Daya Pancar : < 10 miliatt

Direktorat Layanan Infrastruktur Digital
Menara Cemanasia Lt 12
Jl. Medan Merdeka Selatan No. 14, Jakarta Pusat 10110
https://sertifikasi.postel.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 kesalahan isi dokumen ini akan dilakukan perbaikan sebagaimana mestinya.
3. Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSrE-BSSN.
4. Dalam hal Perizinan Berusaha dapat dipercaya melalui sistem OSS menggunakan hak akses.

Sertifikat Elektronik

Declaration of Conformity

Israel:



Receiver

Europe:

EMTEK
Access to the World

Certificate of Conformity

NO.: ENS2509040233W00201C

The following products have been tested by us with the listed standards and found in conformity with the council Radio Equipment Directive 2014/53/EU. This is to certify that the specimen is in conformity with the assessment requirement mentioned follow. This certificate does not imply assessment to the production of the product.

Applicant	:	STEELMATE Co., Ltd.
Address	:	Heping Street, Dongfu Road, Dongfeng Town, Zhongshan City, Guangdong, 528425, P.R.China
Manufacturer	:	STEELMATE Co., Ltd.
Address	:	Heping Street, Dongfu Road, Dongfeng Town, Zhongshan City, Guangdong, 528425, P.R.China
Trade Mark	:	N/A
EUT	:	RF receiver
M/N	:	3791040-DF02,GHWE-675D4-A

Essential Requirements	Standard	Report No.
Health(article 3.1.a)	EN 62479: 2010, EN 50663-2017	ENS2509040233W00203R
Safety (article 3.1.a)	EN IEC 62368-1: 2020+A11: 2020	ENS2509040233S00301R
EMC(article 3.1.b)	ETSI EN 301 489-1 V2.2.3: 2019 ETSI EN 301 489-3 V2.3.2: 2023	ENS2509040233W00201R
Radio (article 3.2)	ETSI EN 300 220-2 V3.2.1: 2018	ENS2509040233W00202R

Version : Ver.1.0

(Manager)
September 11, 2025

EMTEK (SHENZHEN) CO., LTD. CERTIFICATE

The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

EMTEK (Shenzhen) Co., Ltd.
Add: Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China Http://www.emtek.com.cn E-mail: cs.sz@emtek.com.cn

Declaration of Conformity



EMTEK
Access to the World

Certificate of Conformity

NO.: ENS250904023300301C

The following product has been tested by us with the listed standards and found in conformity with the council EMC directive 2014/30/EU. This is to certify that the specimen is in conformity with the assessment requirement mentioned follow. This certificate does not imply assessment to the production of the product.

Applicant	:	STEELMATE CO., LTD.
Address	:	Heping Street, Dongfu Road, Dongfeng Town, Zhongshan City, Guangdong, 528425, P.R.China
Manufactuer	:	STEELMATE CO., LTD.
Address	:	Heping Street, Dongfu Road, Dongfeng Town, Zhongshan City, Guangdong, 528425, P.R.China
Trade Mark	:	/
EUT	:	RF Receiver
M/N	:	3791040-DF02、GHWE-675D4-A
Rating	:	DC9V~16V
Test Standards	:	EN50498: 2010
Version	:	Ver.1.0

EMTEK (SHENZHEN) CO., LTD. CERTIFICATE

(Manager)
September 18, 2025

The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

EMTEK (Shenzhen) Co., Ltd.
Add: Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China Http://www.emtek.com.cn E-mail: csrep@emtek.com.cn

Australia:

SCY International Trading Limited
33 Hardie Street Palmerston North 4410, New Zealand
Tel: +642102521612 Email: chenkenbe@hotmail.com

THE RCM LETTER OF AUTHORISATION

(For the RCM Compliance under ACMA)

-Australian Communications and Media Authority

Equipment Registration Number: E2025016325

06 Oct 2025

Applicant: STEELMATE CO., LTD.

Address: Heping Street, Dongfu Road, Dongfeng Town, Zhongshan City, Guangdong, 528425, P.R.China

Manufacturer: STEELMATE CO., LTD.

Address: Heping Street, Dongfu Road, Dongfeng Town, Zhongshan City, Guangdong, 528425, P.R.China

Product	Model	Trademark /Brand	Compliance Marking Under ACMA
RF receiver	3791040-DF02, GHWE-675D4-A	N/A	

This letter authorises the above supplier, to label the product(s) listed above, with the RCM (**Regulatory Compliance Mark**) as shown above, subject to the following conditions:

1. This is to confirm that product(s) listed, comply with ACMA mandated standards and the labelling notice under ACMA arrangement. To mark RCM on this product, it is necessary that the supplier should also hold and maintain an Australian Electrical Safety Certificate and/or conduct EESS registration.
2. The units supplied are identical to those described in the compliance folder held by **SCY International Trading Limited**. The supplier(s) agree(s) to abide by the terms and conditions as detailed on the service agreement.
3. **SCY International Trading Limited** will hold this compliance folder for at least 5 years.
4. Any modification to the listed product(s) voids this authorisation.
5. This authorisation pertains only to the product(s) listed above.
6. The labelling and supply of the product with the RCM(Regulatory Compliance Mark) is agreed with the above conditions.

Ke CHEN
Director

Valid until: 06-10-2030

New Zealand:

RADIO SPECTRUM MANAGEMENT

MINISTRY OF BUSINESS, INNOVATION & EMPLOYMENT

Supplier's Declaration of Conformity

Section 134 (1) (g) of the New Zealand Radiocommunications Act 1989

Note | This completed form remains with the supplier as part of the documentation required for the "Compliance folder"

1. Supplier details

Name (of manufacturer, importer or authorised agent):	New Zealand physical address:
SCY International Trading Limited	33 Hardie Street Palmerston North 4410
New Zealand contact information: Telephone: Mobile +642102521612 Fax: Email: cherikenbo@hotmail.com	**New Zealand postal address (if different):**
(New Zealand) Company number or GST number: 5589606	**Supplier number (include "E" or "Z"):** E3403

2. Product details

	Equipment Registration Number: E2025016325	
Brand name:	STEELMATE CO., LTD.	
Model, lot, batch or serial number:	3791040-DF02, GHWE-675D4-A	
Description and function:	RF receiver	
If radio product:	**Frequency or frequency range (MHz):** 433.42-434.42MHz	**Radiated power e.i.r.p (dBW):** -30.00 dBm max
Applicable standard title, number & edition:	EN IEC 62368-1: 2020+A11: 2020 EN 50498: 2010 ETSI EN 300 220-2 V3.2.1: 2018 AS/NZS 4268: 2017 Amd 1:2021 EN 62479: 2010&EN 50663:2017 AS/NZS 2772.2:2016 Amd 1: 2018 EN 62479: 2010&EN 50663:2017 ETSI EN 301 489-1 V2.2.3: 2019 ETSI EN 301 489-3 V2.3.2: 2023	
Test report number or other identifier:	ENS2509040233W00201R ENS2509040233W00202R ENS2509040233W00203R ENS2509040233S00301R ENS2509040233S00301R ENS2509040233W00401R ENS2509040233W00402R	

3. Declaration

I hereby declare that the product to which this declaration of conformity relates complies with the mentioned standard(s), and all products supplied under this Declaration will be identical to the sample identified in this Declaration.

Signature of supplier/agent: 

Print name: Ke CHEN

Date: 05-03-2026

Position in organisation: Director

Valid until: 06-Oct-2030

Declaration of Conformity

Thailand:



สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission

แบบตอบรับ "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
ตราอักษร MAZDA
แบบ/รุ่น GHWL675RY

ลงชื่อ .....

(นายอัมพร ตีเสียะเจริญ)
ผู้อำนวยการสำนักเทคโนโลยีและมาตรฐานโทรคมนาคม

เงื่อนไขการยอมรับแบบรับรองตนเองของผู้ประกอบการ

1. แบบรับตอบรับนี้แสดงว่าผู้ประกอบการได้ทำการรับรองตนเองว่าเครื่องโทรคมนาคมและอุปกรณ์ ตราอักษรและแบบ/รุ่นดังกล่าวมีความสอดคล้องกับการอนุญาตของ กสทช.
2. ผู้ประกอบการต้องไม่ดัดแปลงเครื่องโทรคมนาคมและอุปกรณ์นี้ผิดแผกไปจากที่ระบุไว้ในเอกสารแสดงลักษณะทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์ ที่ได้ขอรับรองตนเองไว้กับสำนักงาน กสทช.
3. ผู้ประกอบการจะต้องปฏิบัติตามประกาศ กสทช. เรื่อง การตรวจสอบและรับรองมาตรฐานของเครื่องโทรคมนาคมและอุปกรณ์โดยเคร่งครัด



Signed by สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ
Office of The National Broadcasting and Telecommunications Commission
Date 2026-02-17T16:56:15+07:00

สำนักงานคณะกรรมการกิจการกระจายเสียง กิจการโทรทัศน์ และกิจการโทรคมนาคมแห่งชาติ

แบบรับรองตนเองของผู้ประกอบการ
(Supplier's Declaration of Conformity)

สำนักมาตรฐานและการกำกับดูแลโทรคมนาคม
SDoC SD01192-26
รับที่ 17 กุมภาพันธ์ 2569

๑. รายละเอียดของผู้ประกอบการ

๑.๑ ชื่อหน่วยงาน
บริษัท มาสด้า เซลส์ (ประเทศไทย) จำกัด

๑.๒ ที่อยู่
1319 เอ็มพค ทาวเวอร์, ชั้น 19, ถนนสุขุมวิท แขวงพระโขนงเหนือ เขตวัฒนา กรุงเทพมหานคร 10110

๒. รายละเอียดของเครื่องโทรคมนาคมและอุปกรณ์

๒.๑ ประเภท/ชนิดของเครื่องโทรคมนาคมและอุปกรณ์
Keyless Entry System

๒.๒ ตราสัญรูป (brand name)	๒.๓ แบบ/รุ่น (model)
MAZDA	GHWL675RY

๒.๔ มาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคที่แสดงความสอดคล้อง
- ประกาศ กสทช. เรื่อง หลักเกณฑ์การใช้คลื่นความถี่และเครื่องวิทยุคมนาคมที่ยกเว้นไม่ต้องมีการใช้งานเป็นการทั่วไป
(ได้รับยกเว้นใบอนุญาต)

ข้าพเจ้าของรับรอง ว่า 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	สุทธวงศ์ วัฒนาบรเศรษฐ์ (นายสุทธวงศ์ วัฒนานนเศรษฐ์)
ตำแหน่ง	ผู้มีอำนาจลงนาม
วันที่	12 กุมภาพันธ์ พ.ศ.2569

ผู้ประกอบการจะต้องจัดส่งแบบรับรองตนเองที่กรอกรายละเอียดครบถ้วนสมบูรณ์ ให้สำนักงาน ฯ และเก็บรักษาสำเนาแบบรับรองตนเองพร้อมเอกสารหลักฐานประกอบการรับรองตนเอง เพื่อใช้ประกอบการตรวจติดตามของสำนักงาน ฯ ตามมาตรการกำกับดูแลเครื่องโทรคมนาคมและอุปกรณ์ภายหลังการตรวจสอบและรับรองมาตรฐานและตามกฎหมายอื่น ๆ (ถ้ามี)



Declaration of Conformity

Israel:

NSAI

ECE TYPE-APPROVAL CERTIFICATE

E24

Concerning[1]: ~~Approval granted~~
Approval extended
~~Approval refused~~
Approval withdrawn
~~Production definitively discontinued~~

of a type of electrical/electronic sub-assembly[2] with regard to Regulation No. 10

Approval No. *E24*10R06/01*5127*01*

1.	Make (trade name of manufacturer):	*Steelmate Co., Ltd.*
2.	Type and general commercial description:	*3791040-DF02* *Radio frequency receiver*
3.	Means of identification of type, if marked on the ~~vehicle/component/separate technical unit~~[2]:	*3791040-DF02*
3.1	Location of that marking:	*Label affixed to the top of the housing*
4.	Category of vehicle:	*N/A*
5.	Name and address of manufacturer:	*Steelmate Co., Ltd.* *Steelmate Industrial Park, Haping Street, Dongfu Road, Dongfeng Town, 528425, Zhongshan City, Guangdong Province, P.R. China*
6.	In the case of components and separate technical units, location and method of affixing of the approval mark:	*Label affixed to the top of the housing*
7.	Address(es) of assembly plant(s):	*Steelmate Co., Ltd.* *Steelmate Industrial Park, Haping Street, Dongfu Road, Dongfeng Town, 528425, Zhongshan City, Guangdong Province, P.R. China*

(1) Distinguishing number of the country which has granted/extended/refused/withdrawn an approval (see approval provisions in the Regulation).
(2) Strike out what does not apply

NSAI, 1 Swift Square, Northwood, Santry, Dublin 9, Ireland. Telephone: +353+1-807-3800, Email:
Public

NSAI

Approval No. *E24*10R06/03*5137*01*

8.	Additional information (where applicable):		*See appendix below*
9.	Technical service responsible for carrying out the tests:		*UTAC Italy S.r.l.* *Via Rugabella 1, 20122 Milano* *Italy*
10.	**Date of test report:**		*As before and 06.03.2026*
11.	Number of test report:	*Current:* *Former:*	*CN-213-B1-36118-24P05272* *CS010-A0-2025-02217*
12.	Remarks (if any):		*See appendix below*
13.	Place:		*Dublin*
14.	Date:		*20th May, 2026*
15.	Signature:		

NATIONAL STANDARDS AUTHORITY OF IRELAND
NSAI Certification
TRANSPORT DEPARTMENT

16. The index to the information package lodged with the approval authority, which may be obtained on Request, is attached

17. Reason for extension:

1. Addition of variant.
2. Addition of product dimensions drawing.
3. Change of technical service.
4. Delete the authorized representative.
5. Update the regulation version of the application to UN R10.06, Supplement 3.

NSAI, 1 Swift Square, Northwood, Santry, Dublin 9, Ireland. Telephone +353+1-807-3800, Email: Automotive@nsai.ie
Public

NSAI

Approval No: *E24*10R06/03*5137*01*

Appendix

Appendix to Type Approval Communication Form No *E24*10R06/03*5137*01*
Concerning the Type Approval of an Electrical/Electronic Sub-assembly under
UN Regulation No. 10

1.	Additional information	
1.1.	Electrical system rated voltage:	*DC 9-16 V ~~positive ground~~*[1]
1.2.	This ESA can be used on any vehicle type with the following restrictions:	*See manufacturer's specifications.*
1.2.1	Installation conditions, if any:	*See manufacturer's specifications.*
1.3.	This ESA can be used only on the following vehicle types:	*N/A*
1.3.1	Installation conditions, if any:	*N/A*
1.4.	The specific test method(s) used and the frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9):	*Bulk Current Injection Method: Frequency: (20 – 400 MHz) Free Field Testing Method: Frequency: (400 – 2000 MHz)*
1.5.	Laboratory accredited to ISO 17025 and recognised by the Approval Authority responsible for carrying out the tests:	*UTAC Italy S.r.l.*
2.	Remarks:	*N/A*

[1] Strike out what does not apply

NSAI, 1 Swift Square, Northwood, Santry, Dublin 9, Ireland. Telephone: +353+1-807-3800, Email: Autocert@nsai.ie

NSAI

Approval No: *E24*10R06/05*5137*01*

Index to the Information Package

Date of issue:	*14th December, 2023*
Date of latest amendment:	*20th May, 2026*
Reason for extension/revision:	*1. Addition of variants.* *2. Addition of product dimensions drawing.* *3. Change of technical service.* *4. Delete the authorized representative.* *5. Update the regulation version of the application to UN R10.06, Supplement 5.*

1. Additional conditions, and advisory notes on legal alternatives

2. Test report(s)

- number(s):	*Current:*	*CN.259.R2.26118.24P03172*
	Former:	*CS010.A0.2023.02227*
- date of issue:		*26.09.2025*
- date of latest amendment:		*06.05.2026*

3. Information document

- number(s):	*R10-3791040-DF02 up to -01*
- date of issue:	*02.07.2025*
- date of latest amendment:	*25.03.2026*

Documentation: *13 pages*

NSAI, 1 Swift Square, Northwood, Santry, Dublin 9, Ireland. Telephone (+353+1) 807 3800, Facsimile: 01-807 3844

Public

Declaration of Conformity



Approval No. *E24*10806/01*5137*01*

Appendix: Additional conditions, and advisory notes on legal alternatives

A: Additional conditions:

1. The attached technical report, with any of its attachments, forms part of this Type Approval certificate.
2. Each device from series production shall be to the measurements specified in the attached drawings, and shall be manufactured only from the materials specified in the Approval documents.
3. Changes in the type are permitted only with the explicit permission of NSAI. Breaches of this requirement will lead to a withdrawal of the Type Approval, and in addition may be subject to criminal prosecution.
4. At regular intervals, any tests or associated checks prescribed by the applicable legislation to verify continued conformity with the approved type shall be carried out. The manufacturer shall demonstrate compliance with this by submitting to NSAI evidence of adequate arrangements and documented control plans for each type approved.
5. Any set of samples or test pieces showing evidence of non-conformity shall give rise to further sampling and testing and all steps shall be taken to restore conformity of production.
6. This Type Approval will expire when it is surrendered by the holder, or withdrawn by NSAI, or when the approved type no longer conforms to legal requirements. The recall of the Type Approval can be issued by NSAI when the conditions required for the issuing or continuation of the Type Approval are no longer current, or when the Approval holder is in breach of the duties attached to the Type Approval, or when it is established that the approved type no longer meets the requirements of traffic safety.
7. Changes in the company name, address or manufacturing site, as well as in any of the sales or other agents specified in the issuing of the approval must immediately be notified to NSAI.
8. The duties imposed by the issuing of this certificate are not transferable. The legal protection of third parties is not affected by this certificate.
9. When the manufacture or sale of the system, component or separate technical unit has not been started within one year of the date of issue of this certificate, then NSAI is to be informed. This requirement also applies when the manufacture or sale has been halted for more than one year, or when it ought to have been halted for more than one year. The initial commencement of manufacture or sale, or the resumption of manufacture or sale, shall then be notified to NSAI within one month of commencement or resumption.

B: Legal Options.

Any objection to the requirements set out in this certificate shall be made within one month of the date of issue. The objection shall be made, in writing, to NSAI in Dublin.

NSAI, 1 Swift Square, Northwood, Santry, Dublin 9, Ireland. Telephone (+353+1) 807 3800, Facsimile 01-807 3844

Public

Electromagnetic Compatibility

▼Electromagnetic Compatibility

⚠ WARNING

Your Mazda has been tested and certified in accordance with UN R10 relating to electromagnetic compatibility.

*1 UN-R stands for United Nations Regulation.

It is your responsibility to ensure that any equipment fitted to your vehicle complies with applicable local legislation. Have any equipment fitted by suitably trained technicians.

⚠ CAUTION

- Do not mount any transceiver, microphone, speaker or other item in the deployment path of the airbag system.
- Do not fasten the aerial lead to the vehicle wiring or brake pipes.
- Keep the aerial and power leads at least 100 mm (3.9 in) away from any electronic modules and airbag components.
- Avoid using the cigarette lighter or accessory socket as a power source for RF transmitting equipment.

MEMO

9 Specifications

Technical information about Mazda vehicles.

Identification Numbers..... 9-2
Vehicle Information Labels.. 9-2

Specifications..... 9-4
Specifications..... 9-4

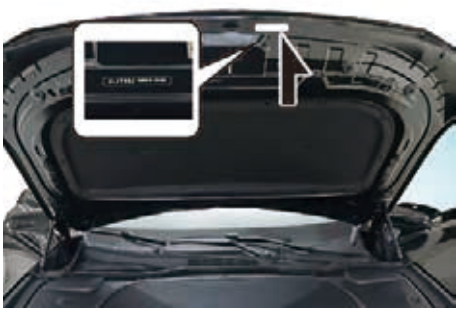
Vehicle Information Labels

▼Vehicle Information Labels

Vehicle information labels and markings are located in the positions shown below; therefore, do not label or paint these locations.

▼Electric Drive Model

The electric drive model and number plate is located under the bonnet.



▼Model Plate



▼Chassis Number

VIN can be viewed at the lower left corner of the front windscreen.



Open the cover shown in the illustration to check the chassis number.



▼Tyre Pressure Label



▼Motor Number



1. Motor Type
2. Motor Number

Specifications

Specifications

Vehicle Weight

Item		Parameter
Seating Capacity		5
Maximum Permissible Total Mass (kg)		2590(5710 lb)
Maximum Permissible Mass Distribution	Front Axle Load (kg)	1142(2518 lb)
	Rear Axle Load (kg)	1448(3192 lb)
Kerb Weight (kg)		2130(4696 lb)
Kerb Weight Distribution	Front Axle Load (kg)	995(2194 lb)
	Rear Axle Load (kg)	1135(2502 lb)

Drive Motor Assembly Specifications

Item	Parameter
	EV
Motor Type	Permanent Magnet Synchronous Motor
Maximum Motor Power (kW)	190
Rated Motor Power (kW)	100
Maximum Motor Torque (N·m)	290
Rated Motor Torque (N·m)	120
Maximum Motor Speed (r/min)	22000
Charger Power Output (kW)	11
DC-DC Converter Power (kW)	3
DC/AC Power (kW)	6

Vehicle Performance

Item		Parameter
		EV
Vehicle Passability	Minimum Turning Diameter (m)	12(39.37 ft)
	Approach Angle (°)	16
	Departure Angle (°)	20

Item		Parameter
		EV
	Minimum Ground Clearance (Fully Laden) (mm)	140(5.51 in)

Item	Parameter
Maximum Design Speed (km/h)	185(114.95 mph)
Maximum Gradability (%)	30

Item	Parameter	
	R19	R21
Electric Energy Consumption (Wh/km)	189	194
Electric Range (km)	484(300.74 mi)	468(290.82 mi)
City Electric Range (km)	610	607

Note: Actual range may vary from the figures above depending on actual operating conditions.

High-Voltage Battery Assembly Specifications

Item	Parameter
	EV
Battery Type	LFP
Total Battery Energy (kWh)	77.94
Rated Battery Voltage (V)	364
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
Battery Cooling Method	Liquid Cooling

Specifications

Tyre Pressure

Tyre Type	Tyre Size	Tyre Pressure (kPa) (psi) (bar)	
		Front	Rear
Unladen	235/55 R19	250（36）（2.5）	250（36）（2.5）
	255/40 R21	250（36）（2.5）	250（36）（2.5）
Fully Laden	235/55 R19	270（39）（2.7）	320（46）（3.2）
	255/40 R21	270（39）（2.7）	320（46）（3.2）

Vehicle Dimensions

Item		Parameter
Overall Length (mm)		4850(190.94 in)
Overall Width (mm)		1935(76.18 in)
Overall Height (mm)		1620(63.78 in)
Wheelbase (mm)		2902(114.25 in)
Front Overhang (mm)		970(38.19 in)
Rear Overhang (mm)		978(38.50 in)
Track Width (Unladen)	Front Track (mm)	1643(64.69 in)
	Rear Track (mm)	1652(65.04 in)

Vehicle Fluids and Lubricants

Item	Specifications	Rated Capacity
Electric Drive Lubricant	BOT 805 CEV	1.1±0.05L
Brake Fluid	DOT4	1L
Coolant	L433	9.5L
Refrigerant for the Fully Automatic Climate Control System	*1 HFC-1234yf (R-1234yf) *2 HFC-134a (R-134a)	900g

Item	Specifications	Rated Capacity
Lubricant for the Fully Automatic Climate Control System	POE (68Hybird-H)	240g

*1.Applicable to the following countries or regions: EU, UK, Australia, New Zealand, and Israel.

*2.Applicable to the following countries or regions: Thailand, Singapore, Malaysia, Indonesia, Hong Kong, and Macau.

Electrical System

Item	Parameter
12 V Battery	6-QW-45（325）

Wheel Alignment (Unladen)

Item	Specifications	Parameter
Front Wheels	Kingpin Inclination	12.292°±0.5°
	Caster Angle	5.135°±0.5°
	Camber Angle	-0.329°±0.5°
	Toe Angle	0.232°±0.2°
Rear Wheels	Camber Angle	-1.061°±0.5°
	Toe Angle	0.126°±0.2°

Wheel Balancing

Wheel	Outer Adhesive-Type Balance Weight	Inner Adhesive-Type Balance Weight
235/55 R19	12 g	
255/40 R21		

Wheel nut tightening torque

When fitting a tyre, the wheel nuts must be tightened to the following torque: 110 ± 10 Nm.

Specifications

Brake

Item		Specifications
Brake Pedal Free Play		≤5.0mm (0.197 in)
Serviceable Thickness Range for Brake Pads	Front	2 - 10 mm (0.079 - 0.394 in)
	Rear	2 - 10 mm (0.079 - 0.394 in)

Drive System

Item	Parameter
Drive System	Rear-Wheel Drive

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