Thank you very much for choosing this vehicle.

In order to correctly operate and maintain your vehicle, please take the time to read this manual carefully.

After reading, please leave the manual in the vehicle for future reference. Please leave this manual in the vehicle at the same time of resale, as the new owner will also need to read the information in it.

All the information and specifications in this manual are current at the time of printing.

Remember that authorized service station knows your vehicle best and has factory-trained technicians and OEM parts to guarantee your safety. Do not use non-OEM parts or accessories to modify your vehicle. Modifying will affect the functionality, safety and durability of your vehicle.

According to the specification of equipment and features of your vehicle, some descriptions and illustrations may differ from that on your vehicle.

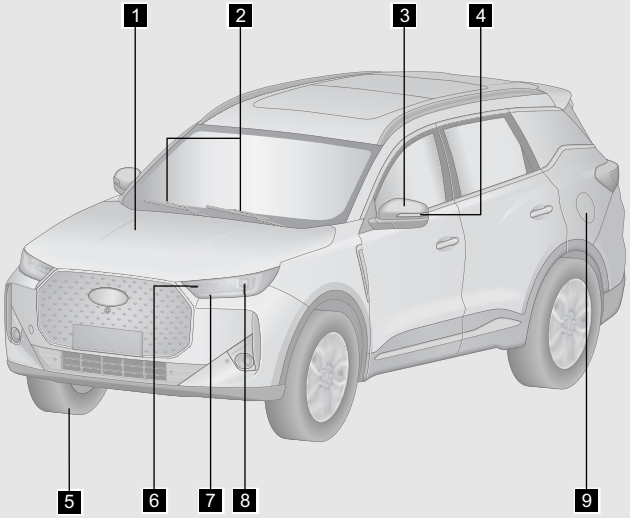
Any data, descriptions and illustrations provided in this manual cannot be used as the basis for any insurance claim.

We reserves the right to make changes in design and specifications at any time without notice.

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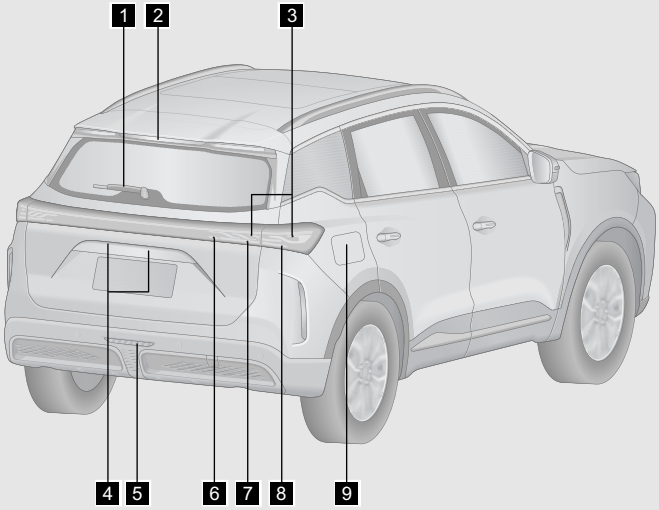
Happy driving!

Version No.: T1E24FLPHEVRHDOM26ENUK01
Issued March 2026



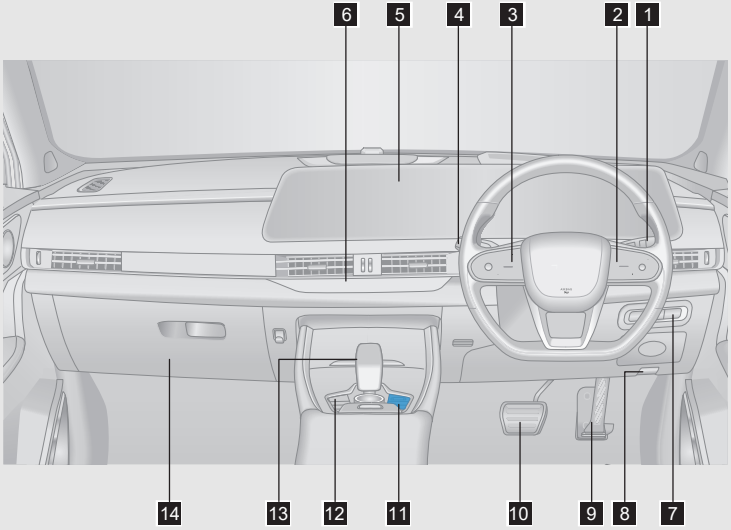
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Note: For all equipment, please refer to the actual vehicle.



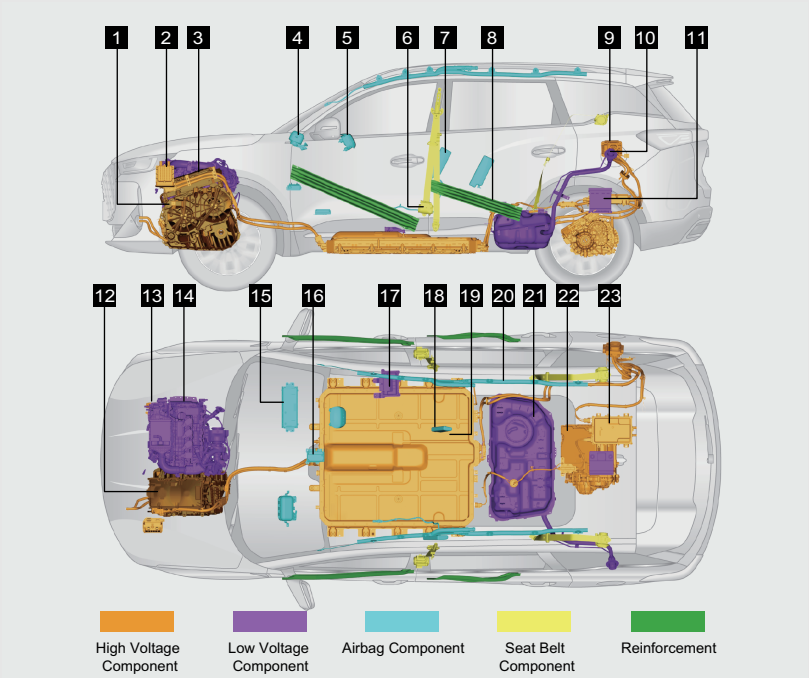
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Note: For all equipment, please refer to the actual vehicle.

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1-1. How to Read This Manual

How to Read This Manual

There are three ways for you to find the information you need in this manual. Here is a brief introduction of each one.

Table of Contents

The main Table of Contents will tell you which chapter of the Owner's Manual contains the information you need and what page to find it on.

Pictorial Index

The Pictorial Index is a helpful tool to find the required information quickly, especially if you are not familiar with the component name.

Index

This is the fastest method for you to find the information you need. The index contains a complete listing of all the important vehicle terminologies.

1-2. Symbols in the Manual

Symbols in the Manual

The following symbols are used in this manual to draw your attention to particularly important information. In order to minimize the risks as much as possible, please read the instructions on these symbols carefully before driving, and make sure to follow them.

WARNING
Indicates a potentially hazardous situation which, if not avoided, may result in damage to your vehicle, personal injury or even death.

CAUTION
Indicates a potentially hazardous situation which, if not avoided, may result in damage to your vehicle and its equipment, reducing the vehicle's life span.

ENVIRONMENTAL PROTECTION
Indicates that waste must be handled or disposed of according to local environmental regulations to avoid any contamination.

READ
Indicates that the relevant chapter in this manual must be read before any operation.

WARNING and CAUTION relating to personal safety and vehicle safety in this manual are very important. Make sure everyone in the vehicle follows these instructions carefully in order to both enjoy your driving experience and to keep your vehicle in optimum condition.

1-3. New Vehicle Inspection

Prior to your purchase, authorized service centre has inspected your vehicle according to the regulations. The service centre will record the delivery date and affix its official seal to the User Registration Certificate. Before you sign the User Registration Certificate, the authorized dealer will provide you with instructions regarding your vehicle's overall performance and some basic knowledge about its features and regular operation according to the Vehicle Delivery Card.

User Registration Certificate

Model Code	
Vehicle Identification Number (VIN)	
Engine Number or Transmission Number	
Vehicle Registration Number	
Seal of Dealer:	
Signature of Dealer:	
Delivery Date	
User	
Address	
E-mail	
Telephone	
Have provided and explained the following items for me: • VEHICLE • OWNER'S MANUAL • PRE-DELIVERY INSPECTION	
Signature of User:	
Signature of Dealer:	

Delivery Card

Category	No.	Items	Whether Pass Inspection and Explain Clearly	
Vehicle Performan-ce	1	Engine	YES ☐	NO ☐
	2	Engine oil, brake fluid, power steering fluid (if equipped), coolant, windshield washer fluid	YES ☐	NO ☐
	3	VIN code, engine number and nameplate etc.	YES ☐	NO ☐
	4	Whole set of vehicle keys	YES ☐	NO ☐
	5	All lights of vehicle	YES ☐	NO ☐
	6	Windshield and painted surfaces	YES ☐	NO ☐
	7	Speedometer, tachometer and instrument cluster LCD display	YES ☐	NO ☐
	8	Tyres, spare tyres, spare tools and Owner's Manual	YES ☐	NO ☐
	9	Seats, seat belts, A/C switches and outlets, glove box and sun visors	YES ☐	NO ☐
	10	Windows, rear view mirrors, windshield wipers, windshield washers, battery, reversing radar system, horns, moon roof (if equipped), audio device and antenna	YES ☐	NO ☐

Category	No.	Items	Whether Pass Inspection and Explain Clearly	
Basic Knowledge About Operation	1*	Unleaded gasoline with an octane number of 95 or higher	YES ☐	NO ☐
		E5 / E10	YES ☐	NO ☐
	2	Normal operation during the break-in period	YES ☐	NO ☐
	3	Operation of all the vehicle lights	YES ☐	NO ☐
	4	Understanding warning lights and indicator lights	YES ☐	NO ☐
	5	Correct time/mileage of the maintenance schedule	YES ☐	NO ☐
	6	Vehicle maintenance in winter/summer	YES ☐	NO ☐
	7	Thorough understanding of the cooling system and normal usage of the coolant	YES ☐	NO ☐
	8	Correct operation of air conditioning	YES ☐	NO ☐
	9	Precautions during starting the vehicle	YES ☐	NO ☐
	10	Correct operation of audio system	YES ☐	NO ☐
	11	Correct usage of moon roof (if equipped)	YES ☐	NO ☐
Signature of Sales Clerk: Date: Signature of User: Date:				

*: Please use the fuel recommended by authorized dealers.

1-4. "Face to face" Advisory Service Card

"Face to face" Advisory Service Card

authorized service centre will provide a dedicated service advisor when you purchase your vehicle. If you have any questions concerning your vehicle, please consult the dealership.

Sheet one (for user)

Name of User:	Date of Purchase:
Sales & Servicing Department:	Model:
Vehicle Identification Number (VIN):	
The following items should be confirmed by the user:	
1. Vehicle Delivery and Inspection (Mark a " √ " for " Yes " and a " × " for Other Conditions):	
☐	Have introduced the basic operation of the vehicle to the user and performed the delivery inspection.
☐	Have explained the warranty policies to the user.
☐	Have explained the precautions of driving to the user.
☐	Have explained the importance of regular maintenance and the recommended interval time/mileage for regular maintenance to the user.
☐	Have explained the importance of having regular maintenance/vehicle repair performed at authorized service centre to the user.
☐	Have delivered the Owner's Manual to the users and reminded them to read it.
☐	Have informed the service hotline function and how to use it.
2. "Face to face" Advisory Service Mode Introduction (Mark a " √ " for " Yes " and a " × " for Other Conditions):	
☐	If you have questions or concerns, please contact a service advisor.
☐	The service advisor is the only person authorized by the dealer to answer the user's questions.
☐	Have assigned a dedicated service advisor to each user for "Person to- Person" service.
☐	If the user is not fully satisfied with the service advisor, the user can select another service advisor.
The following items should be confirmed by the user:	
3. Main Work Introduction on Service advisor (Mark a " √ " for " Yes " and a " × " for Other Conditions):	

☐	Service reception during service and maintenance.
☐	Regular maintenance reminders.
☐	Answer the service/maintenance consultation.
☐	Service/maintenance booking.
☐	Annual inspection reminders/acceptance.
☐	Regular check up and service reminders and holiday greetings.
☐	Other concerns from the user.
4. "Face to face" Advisory Service Relationship Establishment:	
Service advisor business card	
Signature of User/Date:	
Signature of Service Advisor/Date:	

Sheet two (for sales & servicing department)

Name of User:	Date of Purchase:
Sales & Servicing Department:	Model:
Vehicle Identification Number (VIN):	
The following items should be confirmed by the user:	
1. Vehicle Delivery and Inspection (Mark a " √ " for " Yes " and a " × " for Other Conditions):	
☐	Have introduced the basic operation of the vehicle to the user and performed the delivery inspection.
☐	Have explained the warranty policies to the user.
☐	Have explained the precautions of driving to the user.
☐	Have explained the importance of regular maintenance and the recommended interval time/mileage for regular maintenance to the user.
☐	Have explained to the user the importance of having regular maintenance or vehicle repairs done at authorized service centre.
☐	Have delivered the Owner's Manual to the users and reminded them to read it.
☐	Have informed the user about the service hotline function and how to use it.
2. "Face to face" Advisory Service Mode Introduction (Mark a " √ " for " Yes " and a " × " for Other Conditions):	
☐	If you have any questions or concerns, ask your service advisor.
☐	The service advisor is the only person authorized by the dealer to answer the user's questions.
☐	Have assigned a dedicated service advisor to each user for "face to face" service.
☐	If the user is not fully satisfied with the service advisor, the user can request another service advisor.
The following items should be confirmed by the user:	
3. Main Work Introduction on Service Advisor (Mark a " √ " for " Yes " and a " × " for Other Conditions):	
☐	Service reception during service and maintenance.
☐	Regular maintenance reminders.
☐	Answer the service/maintenance consultation.
☐	Service/maintenance appointment.

☐	Annual inspection reminders.
☐	Regular check up and service reminders and holiday greetings.
☐	Other concerns from the user.
4. "Face to face" Advisory Service Relationship Establishment:	
Service advisor business card	
Signature of User/Date:	
Signature of Service Advisor/Date:	

1-5. New Vehicle Inspection

New Vehicle Inspection

Before delivering the vehicle to you, the Sales & Servicing department of your dealership has inspected it according to regulations. The Sales & Servicing department of Auto should fill the delivery date in the inspection certificate and affix the official seal of dealer unit.

Dealer unit will verify the vehicle to you in accordance with "Delivery Card", and introduce the knowledge of using the vehicle, which will be signed by salesman and user.

Delivery Inspection Certificate

In witness whereof, this vehicle has passed delivery inspection as regulated. and quality meets technical specification.

Vehicle Model	
Vehicle Identification Number (VIN)	
Engine Number or Transmission Number	
Vehicle Registration Number	
Official Seal of Sales & Servicing Department:	
Signature of Sales & Servicing Department:	
Delivery Date	
User	
Address	
E-mail	
Telephone	
Have provided and explained the following items for me: • VEHICLE • OWNER'S MANUAL • PRE-DELIVERY INSPECTION	
Signature of User:	
Signature of Sales & Servicing Department:	

1-6. New Vehicle Break-in

New Vehicle Break-in

Frictional resistance between the moving parts of a new vehicle is much more likely in the initial use of the vehicle than later on. Therefore, the initial use can have a greater impact on the vehicle's lifespan, operational reliability and economy. We advise that the use of a new vehicle must strictly follow the following guidelines and that the break-in period would be on average the first 1,864 miles (3,000 km) driven.

■ Driving regulations of new vehicle break-in period

Within the first 621 miles (1,000 km):

- Avoid driving at full speed;
- Driving speed should not exceed 62 mph (100 km/h);
- Avoid driving at maximum speed in each gear.

Within the first 621 miles (1,000 km) to 932 miles (1,500 km):

- Driving speed can be gradually increased to the highest speed;
- Engine speed can be gradually increased to the maximum allowable speed.

■ Driving recommendations after break-in period

- When driving a vehicle, the maximum speed which engine allows to run in short time is 6,000 r/min. When shifting manually, shift to nearby high gear while the tachometer pointer reaches the red indicator zone.
- Engine speed should not be too low while driving, so it will be necessary to shift to the appropriate gear. Do not run the engine at maximum speed in neutral or other gears if the engine is cold.

■ Tyre and wheel break-in recommendations:

When starting to use new tyres, the best adhesion is not available. Therefore, new tyres also need break-in, so the vehicle should be driven slowly and especially carefully within the first 62 miles (100 km) of driving.

■ Braking system break-in recommendations:

New brake lining also needs break-in. Because the brakes cannot provide the ideal brake friction during the first 124 miles (200 km). If the braking efficiency is slightly worse at this stage, increase depression force on the pedal appropriately. This condition also applies to the each replacement of braking lining later.

ENVIRONMENTAL PROTECTION
Avoid running engine at unnecessary high speed. Switching to a high gear in time is helpful to save fuel, reduce operation noise and reduce environmental pollution.

1-7. How to Save Fuel and Extend Life of Vehicle

How to Save Fuel and Extend Life of Vehicle

Saving fuel is largely determined by vehicle conditions and driving habit. Do not overuse the vehicle, which also helps to extend vehicle's life.

The followings are specific tips for fuel saving:

1. Make sure to maintain proper tyre inflation pressure. Insufficient tyre inflation pressure will lead to tyre wear and fuel wastage.
2. The vehicle should not be loaded with unnecessary weight. Heavy loads increase the engine load, resulting in high fuel consumption.
3. Avoid warm-up idling for a long time. The vehicle can be driven once the engine runs smoothly. The warm-up time in cold weather will be longer than other seasons.
4. Accelerate slowly and smoothly. Avoid sudden starting.
5. Avoid engine idling for a long time. If you need to park vehicle and wait for a long time, you should turn off the engine and turn it on again later.
6. Avoid out-of-gear or overspeed of engine. Select proper gears according to driving road conditions.
7. Avoid continuous acceleration and deceleration. Stop-and-go driving will waste the fuel.
8. Avoid unnecessary stopping and braking. You should keep a stable speed. Obey the traffic light's instructions while driving and minimize the number of stops, or take full advantage of road without traffic lights to drive vehicle. Maintain a proper driving distance with other vehicles to avoid sudden braking, this will also reduce brake wear.
9. Avoid areas with heavy traffic or traffic jams as much as possible.
10. Do not hold your foot on clutch or brake pedals for a long time. This will cause premature wear, overheating and high fuel consumption.
11. Keep a proper vehicle speed on the motorway. The faster the vehicle's speed, the more fuel consumption. Decreasing vehicle speed will save fuel.
12. Keep proper front wheel alignment. Avoid collision with road curbs and reduce your vehicle speed when driving on rough road surfaces. Improper front wheel alignment will not only quicken tyre wear, but also increase engine load.
13. Avoid contacting vehicle chassis with mud, etc.
14. Maintain vehicle in optimal working condition. Dirty air filter, improper valve clearance, dirty spark plugs, dirty oil and grease, brakes without proper adjustment, etc. can reduce engine performance and waste fuel. Regular maintenance will extend your vehicle's life and reduce your driving costs. Your vehicle needs to be serviced more frequently if you regularly drive in severe conditions.

> ⚠ CAUTION
>
> Never turn off engine when driving downhill. The power steering system and brake system will not operate normally when engine is not running.

1-8. Precautions Before Driving Vehicle

Safety Check

It is better to do a safety check before driving vehicle. A few minutes of checking can help ensure safe and pleasant driving.

> ⚠ WARNING
>
> If you perform this check in an enclosed garage, make sure there is adequate ventilation.

Before Starting Engine

■ Outside vehicle

1. Tyres (including spare tyre): Check tyre pressure with a tyre pressure gauge and carefully check tyres for cuts, damage or excessive wear.
2. Wheel bolts: Make sure no wheel bolts are missing or loose.
3. Fluid leaks: After the vehicle has been parked for a while, check underneath for leaking fuel, oil, coolant or other fluids (Water dripping from air conditioning after use is normal).
4. Lights: Make sure the headlights, daytime running lights, brake lights, fog lights, turn signal lights and other lights are working properly.
5. Intake grilles: Remove snow, leaves or other obstructions from the intake grilles in front of windshield.

■ Inside vehicle

1. Spare tools: Make sure you have spare tools, such as jack, wheel bolt wrench and spare tyre.
2. Seat belts: Check if the buckles can be fastened securely. Make sure belts are not worn or frayed.
3. Instrument cluster and controls: Make especially sure the malfunction indicator lights, indicator lights, and controls are working properly.
4. Brakes: Make sure the pedal has enough clearance.

■ Engine compartment and engine

1. Spare fuses: Make sure spare fuses are available. All the fuses with amperage ratings designated on the fuse box cover should be provided.
2. Coolant level: Make sure coolant level is proper.

3. Battery and cables: Check for corroded or loose terminals and a cracked case. Check the cables for good condition and connections.
4. Wiring: Check for damaged, loose or broken wires.
5. Fuel lines: Check the lines for leaks or loose connections.

■ Hood

Make sure the hood is locked completely before driving. Otherwise, the hood may tilt up and block front view when vehicle is moving, which could lead to an accident.

After Starting Engine

1. Exhaust system: Listen for any leakage. Repair any leaks immediately if such condition occurs.
2. Engine oil level: Stop vehicle on level ground, turn off engine and wait for 5 minutes, pull out the dipstick to check if the engine oil level is proper.

When Driving

1. Gauges and meters: Make sure the gauges and meters are working properly.
2. Brakes: At a safe place, check that the vehicle does not pull to one side when the brakes are applied.
3. Other abnormal conditions: Check for loose parts and leaks. Listen for abnormal noises.

Parking Operations

Proper parking is an important part of safe driving. Vehicle should be parked in a place with wide road, good view and no impact on traffic. Parking operation steps are as follows:

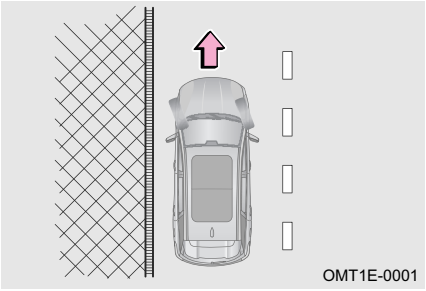
1. Depress brake pedal until the vehicle is completely stopped.
2. Confirm that the electronic parking is enabled.
3. Move shift lever to "P" position.
4. Vehicle power is switched to OFF mode.

⚠ CAUTION
When you leave vehicle, make sure to lock your vehicle and carry the keys with you.

Parking on Slope

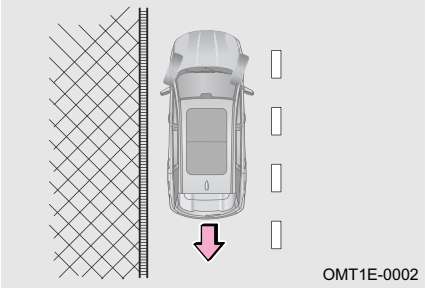
Parking vehicle on a slope is mainly enabled by the force of the parking brake. Failing to apply park brake or any brake malfunction may cause the vehicle to slide down a slope and personal injury or damage to vehicle. When parking on a slope, it is better to face the tyres towards one side of vehicle, to prevent vehicle from moving accidentally.

■ Parking on downhill with curb



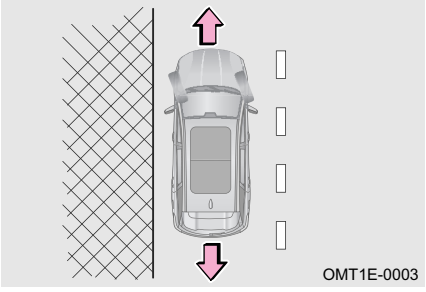
If there is a curb on the roadside, turn the steering wheel to the left to ensure that the front part of the front left wheel is close to or against the curb, to prevent the vehicle from sliding forward down the slope, then apply the parking brake.

■ Parking on uphill with curb



If there is a curb on the roadside, turn the steering wheel to the right to ensure that the rear part of the front left wheel is close to or against the curb, to prevent the vehicle from sliding back down the slope, then apply the parking brake.

■ Parking on uphill or downhill (without curb)



If there is no curb on the roadside, turn the steering wheel hard left to prevent the vehicle driving into the center of the road or sliding down the slope.Turn the steering wheel to the side of the road, so the vehicle is facing away from the center of the road when moving, then apply the parking brake.

■ Carrying passengers

Before driving, make sure all passengers sit in their seats with their seat belts properly fastened. Do not let the passengers sit in the places where there are no seats and seat belts, as they are likely to be seriously injured during a collision.

■ Locking the vehicle

- When leaving the vehicle unattended, carry smart key with you and lock all the doors, even if parking the vehicle in the garage or on the road outside your house.
- Park the vehicle in bright and spacious places as much as possible, and do not expose valuable items.

■ Exhaust gas

- Avoid inhaling the engine exhaust gas. It contains carbon monoxide (CO), which is a harmful, colorless and odorless gas. It can cause unconsciousness or even death after inhaling.
- Make sure the exhaust system has no leakage holes or loose connections. The exhaust system should be checked regularly. If a change in exhaust gas sound is heard, please have the system checked immediately.
- Do not run the engine in a garage or an enclosed area, unless moving the vehicle in or out. The exhaust gas cannot escape, which may cause serious injury.
- Do not stay in a parked vehicle for a long time with the engine running. If it is unavoidable, vehicle should be parked in a spacious area and adjust heating and cooling system to forcibly introduce outside air into vehicle.
- Keep the back door closed while driving. An open or unclosed back door may cause exhaust gas to enter the vehicle.
- To achieve proper operation of vehicle ventilation system, keep intake grilles free of snow, leaves, or other obstructions.
- If you smell exhaust fumes in vehicle, open windows to allow fresh air to enter and check vehicle condition.

Exhaust System Inspection

The exhaust system should be checked in the following situations:

1. When you smell exhaust fumes;
2. When you notice a changed noise coming from the exhaust system;
3. When exhaust system is damaged due to vehicle collision;
4. When the vehicle is lifted for inspection and repair.

1-9. Off-road Driving Precautions

Off-road Driving

Always observe the following precautions to minimize the risk of serious personal injury or damage to your vehicle:

- Be careful when driving off road. Do not drive in dangerous areas.
- Place both hands on the outer ring of the steering wheel when driving off road.
- Always check your brakes for effectiveness immediately after driving on roads covered with sand, mud, shallow water or snow.
- The driver and all passengers should fasten their seat belts whenever vehicle is moving.

⚠ WARNING

- After driving on road surfaces covered with tall grass, mud, gravel, sand, rivers, etc., check if there is grass, bush, paper, rags, stone, sand, etc. adhering to or trapped on underbody. Clear off any above materials from the underbody. If driving vehicle with those matters trapped on or adhering to the underbody, a breakdown or fire could occur.
- When driving off road or on rugged terrain, high speed driving, jumping, sharp turning and striking objects, etc. are forbidden. These activities may cause loss of control or vehicle rollover, resulting in death or severe personal injury. You are also risking expensive damage to your vehicle's suspension and chassis.

1-10. Precautions When Driving in Rainy Condition

When Driving on Slippery Road Surfaces

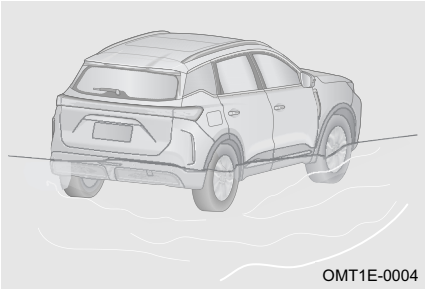
Drive carefully when it is raining, because visibility will be reduced, windows may become fogged-up and roads will be slippery.

- Do not drive at high speed when driving on a motorway in rain, because there may be a layer of water between tyres and road surface, preventing steering system and brakes from operating properly.

⚠ CAUTION

- Sudden braking, acceleration and steering on slippery road surfaces may cause tyre slippage and reduce your ability to control vehicle, resulting in an accident.
- Sudden changes in engine speed, such as sudden braking may cause vehicle to skid, resulting in an accident.
- After driving through a puddle, lightly depress brake pedal to make sure brakes are functioning properly. Wet brake lining may prevent brakes from functioning properly. If brake lining on one side is wet and not functioning properly, steering control may be affected, resulting in an accident.

Never Drive Through Flooded Water


OMT1E-0004

The vehicle could be seriously damaged when driving on a road that has flooded.

⚠ CAUTION

- Never drive through water that is deeper than wheel rim.
- Water intrusion into engine can cause it to stall, or cause serious internal damage.
- Water can wash the grease from the wheel bearing, causing rusting and premature abrasion.
- Driving through water may cause damage to your vehicle drive train components. Always visually inspect your vehicle's fluids (e.g. engine oil, transmission fluid, etc.) for signs of leakage after driving through water. Do not continue to operate vehicle if any fluid leaks, as this may result in further damage.
- Vehicle traction and braking performance will decrease while driving through water. The braking distance will increase. Sand and mud that have accumulated around the brake discs may affect the braking efficiency and may damage the brake system components. After driving through water, slightly depress the brake pedal several times to dry the brakes off.

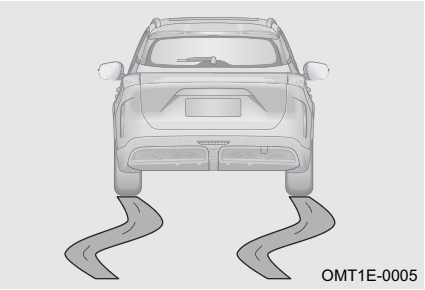
1-11. Winter Driving Precautions

Winter Driving Tips

- Coolant: Make sure that coolant has anti-freezing function. Only use recommended coolant. More details about coolant type selection can be found in the MAINTENANCE section of this manual.
- Battery and cables: Low temperature will decrease power of battery. Sufficient power should be stored in battery for starting in winter.
- Oil: In winter, it is recommended to choose appropriate engine oil according to the local temperature condition. The lower viscosity at low temperature, the better fluidity at low temperature, indicating that the lower the ambient temperature at which the oil can be used. More details about oil type selection can be found in the MAINTENANCE section of this manual.
- Door locks: Avoid door locks being frozen. Deicing agent or glycerin should be sprayed into door lock holes.
- Washer fluid: Use washer fluid containing antifreeze. This product is available at authorized service centre and most vehicle component distributors.
- Mudguards: Avoid ice and snow accumulation under mudguards. Failure to do so may cause difficult steering. When driving in cold weather, you should often stop vehicle to check for ice and snow accumulation under mudguards. It is recommended that you should take some necessary emergency items with you depending on different driving destinations. Items that need to be put in vehicle: Tyre chains, window snow scraper, sand or salt bag, signal flasher, shovel, jumper cables, etc.

> ⚠ CAUTION
>
> - Do not use water as a substitute for coolant.
> - Do not use engine coolant or other alternative washer fluid, otherwise vehicle paint will be damaged.

Driving on Road Covered with Ice and Snow



Rapid acceleration on slippery road surfaces, such as snow or ice covered roads, may cause the rear wheels slipping to right or left. Therefore, please drive at low speed and operate carefully.

It is possible to build up a layer of water film between the tyre and road surface when driving on wet or slushy roads. This may prevent the steering and braking from operating properly. It is recommended that you enable ESP function on this occasion.

■ Driving out silt and ice and snow road

If drive wheel is stuck in silt or ice and snow, please attempt to shake vehicle at low speed and drive forward and backward repeatedly. Shift the shift lever between forward position and reverse position several times and depress accelerator pedal slightly. Avoid shifting the shift lever between forward position and reverse position for a long period of time, as this may cause excessive transmission wear.

Tyre Chains

Purchase a set of tyre chains that match size of the vehicle tyres. Pay attention to the following precautions when installing and removing chains:

1. Follow local regulations when using chains;
2. Install and remove tyre chains in a safe location;
3. Install tyre chains by following the instructions provided;
4. Chains can only be installed on drive wheels;
5. It is recommended to use the beef tendon chains or rubber chains with a thickness not exceeding 12 mm, otherwise, tyres, rims, drive system, brake system and wheel guard plates may be damaged. Vehicle damages resulting from improper use of chains are not covered by warranty;
6. Please consult authorized service centre for details about wheels, tyre size.

⚠ CAUTION

Observe the following precautions to reduce the risk of accidents. Failure to do so may result in the vehicle unable to be driven safely, and may cause death or serious injury.

- Regulations regarding the use of tyre chains vary depending on location and type of road. Always check local regulations before installing tyre chains;
- Be sure to use chains that are suitable for your vehicle. Installing chain will affect vehicle handling, please drive carefully. Using improper chains or improper installing of chains may cause an accident and lead to injuries;
- Please follow the instructions provided by the manufacturer of the chains to install and remove chains, park the vehicle in a safe place before installation and removal. Be sure to turn off the engine before installing chains (automatic transmission is in P position), place the traffic warning signs if necessary;
- Do not drive vehicle at more than 18 mph (30 km/h) when chains are installed on vehicle, or refer to the vehicle speed limit specified by the manufacturer of chains, whichever is lower. It should avoid dangerous road conditions such as bumps, potholes, sharp turns etc. when installing chains, do not turn steering wheel sharply, lock brake urgently, accelerate or decelerate suddenly etc.

1-12. Cybersecurity Notice

Cybersecurity Support Service Update or Termination Notice

The company has provided cybersecuritysupport services in the corresponding software and equipment of the Internet of Vehicles service, and regularly or irregularly updates or terminates this service.

The scrapped vehicle will stop providing Network Security Services; Network Security Services will maintain essential service after the vehicle is discontinued for 10 years.

We can notify customers through website announcements, emails, in-vehicle systems, mobile phone text messages, voice calls, etc. according to the specific content of the notification.

Email, SMS, and voice calls will be sent to the email address and mobile phone listed in the customer's account registration information.

Cybersecurity Notice for Scrapping or Resale

Before you resell or scrap the vehicle, that is, when you no longer hold the vehicle, you should clear the personal information in the vehicle terminal by yourself.

The company does not assume any responsibility if the personal information of the vehicle terminal is leaked to a third party due to improper operation.

Our franchised dealers are familiar with the relevant regulations and can provide you with consulting services.

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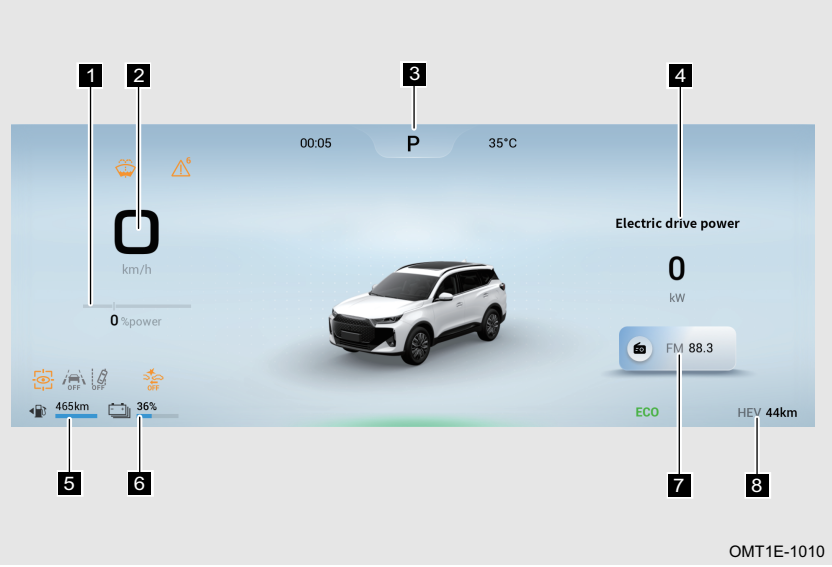
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2-1. Instrument Cluster

Instrument Cluster Overview



1 Instantaneous power consumption: The ratio of the current output electric drive power to the maximum electric drive power (unit: %).

2 Vehicle speed display: Driving speed (unit: km/h).

3 Gear position information: The selected gear position information (the current gear position or manual mode gear position (If Equipped)).

In manual mode (If Equipped), on-board computer displays arrow and target gear position according to current conditions to prompt you to perform a shift operation:

" ▲ " prompts you to perform an upshift operation.

" ▼ " prompts you to perform a downshift operation.

4 Driving information: Shortly press "▭" button on steering wheel to circularly switch among recent 50 km - since reset - tyre pressure display - navigation - electric drive power.

After Trip B self-clearing: Press and hold "O" button on steering wheel to reset the average speed, average fuel consumption and trip mileage informations.

Navigation: Press and hold "O" button on steering wheel to enter full-screen map.

5 Fuel level display: Current remaining fuel in fuel tank and driving mileage.

6 Power display: The current remaining SOC of power battery.

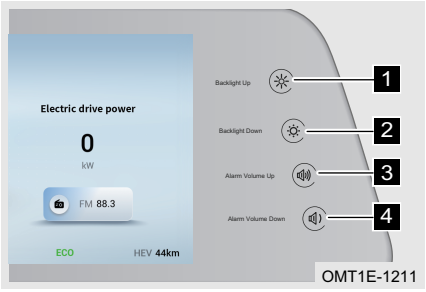
7 Multimedia information: Media music and radio information.

8 Mileage display: Driving mileage of the vehicle (common unit: km).

READ

- For battery level display, it can be set in Audio System - Vehicle Center - New Energy - Setting Pure Electric Mileage Display (Battery Level/ Standard Mileage/Dynamic Mileage).
- For mileage display, it can be set in Audio System - Vehicle Center - New Energy - Setting Driving Distance Display (ODO Total Distance/HEV Distance/EV Distance).
- When the vehicle is accelerating, braking urgently, turning sharply or driving on a slope, the fuel gauge reading might be inaccurate.
- Speedometer is affected by tyre size used in vehicle. Only tyres of original size can be used, otherwise it will not indicate the correct speed.

Instrument Cluster Adjusting



1 Increase the backlight brightness of instrument cluster

2 Decrease the backlight brightness of instrument cluster

3 Increase the alarm sound of instrument cluster

4 Decrease the alarm sound of instrument cluster

Operation/Malfunction Indicator

When vehicle power is turned to ON mode, some malfunction indicators will come on for a short time, indicating that system is performing self-check. If one system malfunction indicator remains on or flashes after starting the engine, please go to authorized service station for inspection and repair immediately.

The operation indicator is used to alert driver the operating condition of a certain vehicle's system, the corresponding operation indicator will come on.

Malfunction indicator is used to alert driver that a certain system of the vehicle is malfunctioning, the corresponding malfunction indicator will come on or flash.

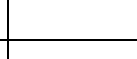
Name	Indicator	Description
Daytime running light indicator		Daytime running light indicator comes on when vehicle is started.

Position light indicator		When the position lights are turned on, the indicator remains on.
Turn signal indicator		When the left or right turn signal lights are turned on, the corresponding turn signal indicator flashes. When hazard light switch is turned on, both left and right turn signal indicators will flash simultaneously.
High beam light indicator		When the high beam lights are turned on, this indicator remains on.
Front fog light indicator		When the front fog lights are turned on, this indicator remains on.
Rear fog light indicator		When the rear fog lights are turned on, this indicator remains on.
Door open reminder indicator		This indicator is used to alert the driver of the opening and closing status of driver door, hood and back door.
Intelligent Headlight Control (IHC) system indicator		This indicator is used to indicate that Intelligent Headlight Control (IHC) system is in operating condition currently.
Front seat belt indicator		This indicator is used to alert that the front seat belt is not buckled or fastened firmly. Wear seat belt and drive safely. Note: The front passenger seat belt alarm function is not standard. Please refer to the actual vehicle.
Second row seat belt indicator		This indicator is used to alert that the second row seat belt is not buckled or fastened firmly. Wear seat belt and drive safely. Note: The indicator comes on in red when the second row seat belt is not fastened, comes on in green when fastened, and goes off when all fastened.
Brake system malfunction indicator		This indicator is used to alert the driver that brake fluid level is low or brake system is malfunctioning. Please go to authorized service station for inspection and repair immediately.

Electric Parking Brake (EPB) system indicator		This indicator comes on to indicate that the vehicle's EPB is in operating condition currently. The indicator flashes during sudden braking, it is normal and no need to deal with. If it flashes in other cases, it indicates that the system is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
Electric Parking Brake (EPB) system malfunction indicator		This indicator is used to alert the driver that EPB is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
Hill Descent Control (HDC) system indicator		This indicator is used to indicate that the vehicle's Hill Descent Control (HDC) system is in operating condition currently.
Hill Descent Control (HDC) system malfunction indicator		This indicator is used to indicate that the vehicle's Hill Descent Control (HDC) system is malfunctioning currently. Please go to authorized service station for inspection and repair as soon as possible.
Automatic Parking System (AUTO HOLD) indicator		This indicator is used to indicate that the vehicle is in auto hold condition currently.
Anti-lock Brake System (ABS) malfunction indicator		This indicator is used to alert the driver that Anti-lock Brake System (ABS) is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
Electronic Stability Program (ESP) system indicator		This indicator flashes to indicate that the vehicle's Electronic Stability Control System (ESP) is in operating condition currently. This indicator comes on to alert the driver that Electronic Stability Program (ESP) system is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.

ESP OFF indicator		When ESP function is turned off, ESP OFF indicator will come on, indicating that Electronic Stability Program (ESP) system is in disabled condition.
Automatic Emergency Braking (AEB) system indicator		This indicator is used to indicate that Automatic Emergency Braking (AEB) system is in operating condition currently.
Automatic Emergency Braking (AEB) system malfunction indicator		This indicator is used to indicate that the Automatic Emergency Braking (AEB) system is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
Traffic jam assist system/ integrated cruise assist system indicator		This indicator remains on to alert driver that traffic jam assist system/integrated cruise assist system is activated.
Traffic jam assist system/ integrated cruise assist system malfunction indicator		This indicator remains on to alert the driver that traffic jam assist system/integrated cruise assist system is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
Lane Keeping Assist (LKA) system indicator		This indicator is used to indicate that Lane Keeping Assist (LKA) system is in operating condition currently.
Lane Keeping Assist (LKA) system malfunction indicator		This indicator is used to indicate that Lane Keeping Assist (LKA) system is currently malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.

Lane Departure Warning (LDW) system indicator		This indicator flashes to indicate that the vehicle's Lane Departure Warning (LDW) system is in operating condition currently. This indicator comes on to alert the driver that Lane Departure Warning (LDW) system is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
Idling stop-start system indicator		This indicator remains on to indicate that idling stop-start system operating conditions are met.
Idling stop-start system malfunction indicator		This indicator flashes to alert the driver that idling stop-start system is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible. This indicator remains on to indicate that idling stop-start system does not meet the safe start conditions or is turned off.
Gasoline Particulate Filter (GPF) indicator		This indicator comes on to alert the driver that Gasoline Particulate Filter (GPF) is full, please increase the speed and clean it.
Gasoline Particulate Filter (GPF) malfunction indicator		This indicator comes on to alert the driver that Gasoline Particulate Filter (GPF) is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
Charging system indicator		This indicator is used to display the operating condition of charging system. If this indicator does not come on when the vehicle is powered on, or comes on after starting, please go to authorized service station for inspection and repair as soon as possible.
High coolant temperature warning indicator		This indicator is used to alert the driver that engine coolant temperature is high. Drive vehicle to a safe area and stop, turn vehicle power to OFF mode after idling for several minutes. Please go to authorized service station for inspection and repair immediately.
Fatigue driving indicator		This indicator is used to alert the driver to take a rest when driving time exceeds the set time.

Overspeed alarm indicator		This indicator is used to alert the driver to pay attention to the vehicle speed when speed reaches the set speed limit.
Low fuel level warning indicator		This indicator is used to alert the driver that vehicle is running out of fuel. Please add fuel as soon as possible.
Airbag (SRS) malfunction indicator		This indicator is used to alert the driver that airbag (SRS) is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
Tyre Pressure Monitoring System (-TPMS) malfunction indicator		This indicator is used to alert the driver that tyre pressure is improper. Please check if tyre pressure is too low or if temperature is too high. If tyre pressure is normal, please go to authorized service station for inspection and repair as soon as possible.
Low engine oil pressure warning indicator		This indicator is used to alert the driver that engine oil pressure is low. Drive vehicle to a safe area and stop. Please go to authorized service station for inspection and repair immediately.
Electric Power Steering (EPS) system indicator		This indicator remains on to alert the driver that electric power steering system is not initialized or calibrated. Please go to authorized service station for inspection and repair immediately.
		This indicator remains on to alert the driver that electric power steering system is malfunctioning. Please go to authorized service station for inspection and repair immediately.
EPC malfunction indicator		This indicator is used to alert the driver that engine system is malfunctioning. Please go to authorized service station for inspection and repair immediately.
Engine malfunction indicator		This indicator is used to alert the driver that engine is malfunctioning. Please go to authorized service station for inspection and repair immediately.

Transmission malfunction indicator		This indicator is used to alert the driver that transmission system is malfunctioning. Please go to authorized service station for inspection and repair immediately.
Charging indicator		This indicator is used to alert the driver that charging connection device is connected.
Discharging indicator		This indicator is used to alert the driver that discharging connection device is connected.
Power battery low charge warning indicator		Remaining on indicates that power battery is low. Please charge as soon as possible.
		Remaining on indicates that power battery is seriously discharged. Please charge as soon as possible.
Power limit indicator		This indicator indicates that the power and acceleration performance of vehicle are limited. Please contact authorized service station for inspection and repair as soon as possible.
High voltage insulation indicator		This indicator remains on to alert the driver that the insulating property of high voltage system decreases. Please contact authorized service station for inspection and repair immediately.
		This indicator remains on to alert the driver that the insulating property of high voltage system seriously decreases. Please contact authorized service station for inspection and repair immediately.
Power battery malfunction indicator		This indicator indicates vehicle power battery is malfunctioning. Please contact authorized service station for inspection and repair as soon as possible.
Driving ready indicator	READY	This indicator is used to alert driver that vehicle is ready for normal driving. If the indicator does not come on, it indicates that vehicle is malfunctioning or other conditions are not met, please contact authorized service station for inspection and repair immediately.

Power limit indicator		This indicator indicates that the power and acceleration performance of vehicle are limited. Please contact authorized service station for inspection and repair as soon as possible.
Low washer fluid level indicator		This indicator is used to alert the driver that washer fluid is insufficient and needs to be added.
Fault information indicator		This indicator is used to alert the driver that vehicle is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
Maintenance indicator		This indicator is used to alert the driver that the vehicle needs maintenance. Please go to authorized service station for inspection and repair as soon as possible.

2-2. Steering Wheel

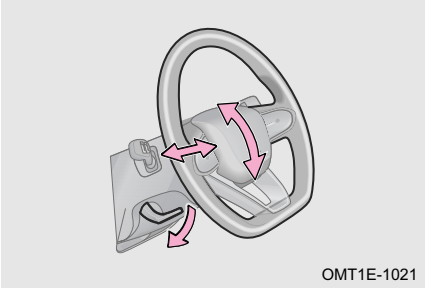
Horn



To sound the horn, press area near horn mark on the steering wheel.

⚠ CAUTION
Obey local regulations regarding usage of vehicle horns.

Adjusting Steering Wheel


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Stop vehicle at a safe place away from traffic main artery, turn vehicle power to OFF mode:

Step 1: Push down adjustment lever and release it;

Step 2: Adjust steering wheel upward and downward/forward and backward to a comfortable angle;

Step 3: Hold steering wheel steady and push adjustment lever to original position;

Step 4: Check if the steering wheel is shaking. Repeat operations of step 3 if shaking.

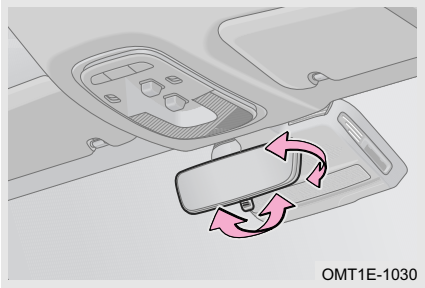
⚠ WARNING

- Do not adjust steering wheel while driving, otherwise it may cause accidents and personal injuries.
- Make sure the steering wheel is securely locked before driving, otherwise it may cause accidents and personal injuries.

2-3. Rear View Mirror

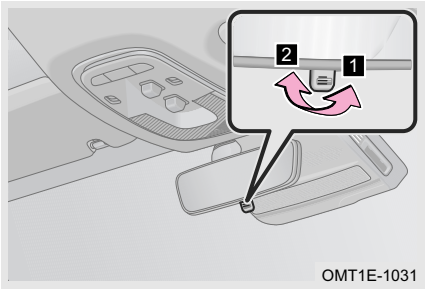
Inside Rear View Mirror

Adjusting inside rear view mirror position


OMT1E-1030

Adjust inside rear view mirror to a proper position before driving, to make sure that driver can achieve an optimum view.

Adjusting anti-glare position manually (if equipped)

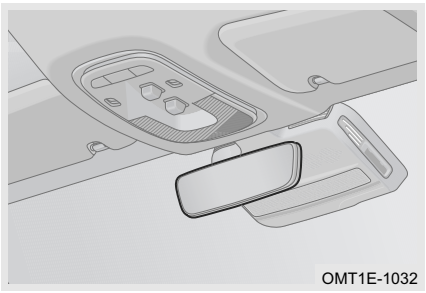


Before driving at night, adjust the inside rear view mirror lever to the anti-glare position, which can reduce the reflected light from the headlights of vehicles behind.

1 Anti-glare position

2 Normal position

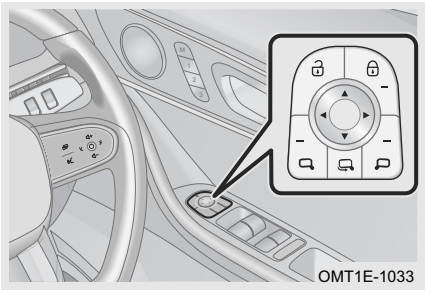
Automatic anti-glare inside rear view mirror (if equipped)



When driving at night, the light sensor installed in front/rear of the inside rear view mirror automatically detects the reflected light from the headlights of vehicles behind and automatically adjusts the lens angle to reduce the reflected light from the headlights of vehicles behind.

Outside Rear View Mirror

Adjusting outside rear view mirror



Stop vehicle at a safe place away from major traffic, turn vehicle power to ON mode. Press " " button (- indicator comes on) to adjust the left outside rear view mirror lens position within several seconds. Press " " button again (indicator goes off) to turn off the left outside rear view mirror lens adjustment function; Press " " button (indicator comes on) to adjust the right outside rear view mirror lens position within several seconds. Press " " button again (indicator goes off) to turn off the right outside rear view mirror lens adjustment function.

▲ Adjust outside rear view mirror lens upward

▼ Adjust outside rear view mirror lens downward

◀ Adjust outside rear view mirror lens to the left

▶ Adjust outside rear view mirror lens to the right

⚠ WARNING

- Do not adjust outside rear view mirror while driving, otherwise it may cause accidents and personal injuries.
- Image displayed on outside rear view mirror may differ from the actual, so always drive carefully.

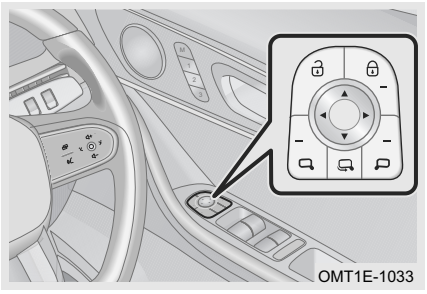
Folding/extending outside rear view mirror

■ Power outside rear view mirror



OMT1E-1038

Turn vehicle power to ON mode, press button on steering wheel to adjust left/right outside rear view mirror lens positions through Audio System - Vehicle Setting - Vehicle Comfort - Rear Mirror Adjustment.



OMT1E-1033

When vehicle power is turned to ON mode, press " " button to automatically fold outside rear view mirror, press " " button again to extend outside rear view mirror automatically.

READ

According to visual field requirements, folding angles of the left and right outside rear view mirrors are different. Therefore, when power outside rear view mirrors automatically fold, the left and right outside rear view mirrors are not synchronized, which is normal.

⚠ CAUTION

- Do not fold/extend the power outside rear view mirror manually, otherwise it may cause the folding function to fail.
- When folding/extending the outside rear view mirror, do not touch its surface to prevent damage to it with excessive force.
- In cold winter, it is recommended to turn off the outside rear view mirror automatic folding function. This can prevent the outside rear view mirror from being frozen in folding position due to accumulated snow or rain.

Outside rear view mirror memory function (if equipped)

After adjusting the outside rear view mirror position, a dialog box will pop up on audio head unit, asking whether to save the current position to the driving position, rest position or spare position, and select one of the points to confirm the preservation.

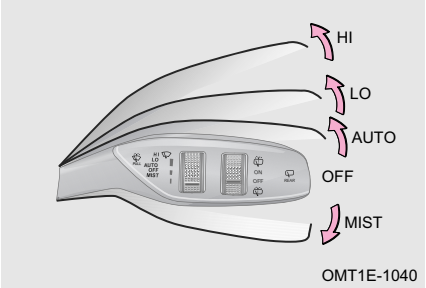
When you need to recall outside rear view mirror memory position (current ID), select driving position, rest position, spare position on Audio System. At the same time, correlate the seat memory function to the corresponding position.

READ

- The vehicle is equipped with two smart keys, which have two smart key IDs to unlock and identify ID source.
- If seat memory binding is turned off, no dialog box will pop up from audio head unit after adjusting outside rear view mirror.

Wiper Operation

Wiper combination switch



OMT1E-1040

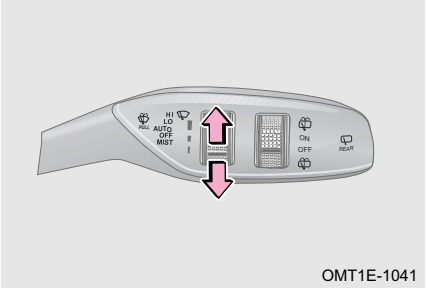
Turn vehicle power to ON mode:

Mist mode: Move wiper combination switch to "MIST" position, wipers will stop after wiping once.

Low speed mode: Move wiper combination switch to "LO" position, wipers will operate slowly and continuously.

High speed mode: Move wiper combination switch to "HI" position, wipers will operate quickly and continuously.

OFF: Move wiper combination switch to "OFF" position, wipers will operate automatically at low speed until wipers return to stop position.



OMT1E-1041

Auto sensing mode: Move wiper combination switch to "AUTO" position, automatically control the wiping speed of the wiper according to amount of rainfall outside.

To control sensitivity of wiper, turn the wiper roller downward to decrease sensitivity, turn the wiper roller upward to increase sensitivity.

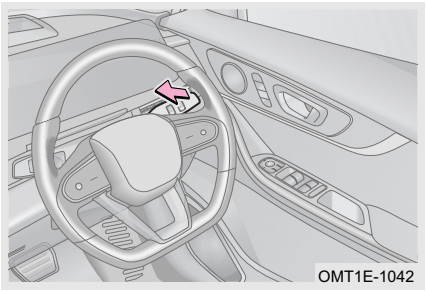
READ

When front wiper is operating, shift the shift lever to R, the rear wiper will work automatically.

⚠ CAUTION

- Do not operate wiper when the windshield is dry, as this may damage wiper blade and scratch the windshield.
- Do not operate wipers if there are obstacles on windshield, as this may scratch the windshield and damage wiper motor.
- In cold winter, always check if wiper blade is frozen onto windshield before using wipers. If so, unfrozen it before using, otherwise it may damage wiper blade and wiper motor.

Front washer operation

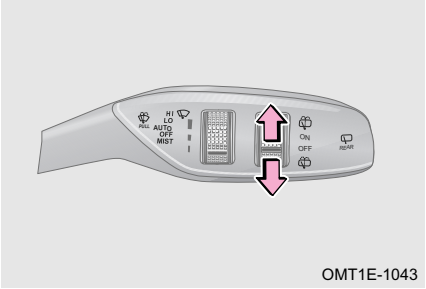

OMT1E-1042

Turn vehicle power to ON mode, pull wiper combination switch towards the steering wheel and hold, the front washer sprays water, and front wiper operates simultaneously. Front washer will stop operating when the switch is released, the wiper will wipe 3 cycles at low speed, and operate one cycle then stop after a few seconds.

READ

When front wiper is operating, shift the shift lever to R, the rear wiper will work automatically.

Rear washer operation



OMT1E-1043

Turn vehicle power to ON mode and push wiper roller to "ON" position, rear wiper operates; push wiper roller to "OFF" position, rear wiper is turned off.

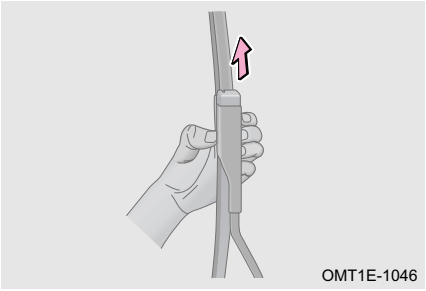
With vehicle power in ON mode and wiper roller in "ON"/"OFF" position, push wiper roller to " " position, rear washer sprays water, and rear wiper operates simultaneously.

⚠ CAUTION

- Do not operate wiper combination switch when there is no washer fluid in reservoir.
- When operating wiper combination switch to spray water, do not exceed 10 seconds at a time.
- The antifreeze will corrode the painted surface, so take care to prevent the wrong addition of antifreeze.
- Do not try to clear a nozzle with a pin or other objects when it becomes blocked, or it will be damaged.
- Do not mix water with the washer. Water may cause the solution to freeze and damage the washing tank and other parts of the washer system.

Replacing Wiper Blade

Replacing front wiper blade


OMT1E-1046

Step 1: Move wiper combination switch to mist mode "MIST" within 3 seconds after turning vehicle power to OFF mode, it will enter repair mode;

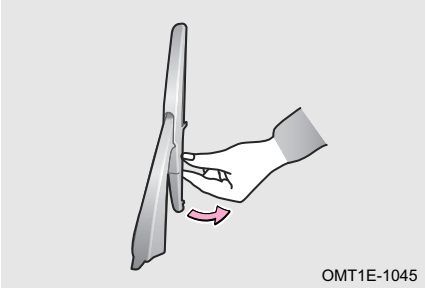
Step 2: Lift the front wiper arm and hold;

Step 3: Pull down wiper blades while pressing the lock button, so as to remove the blades;

Step 4: Install the new wiper blades in reverse order, and make sure that the fixing clamp is locked firmly;

Step 5: Check that front wipers operate properly.

Replacing rear wiper blade


OMT1E-1045

Step 1: Lift the rear wiper arm and hold;

Step 2: Separate the wiper blade by hand as shown in the illustration;

Step 3: Install the new wiper blades in reverse order, and be sure to install them in place;

Step 4: Check that rear wipers operate properly.

READ

It is recommended to go to authorized service station to perform wiper blades replacement by after-sales personnel.

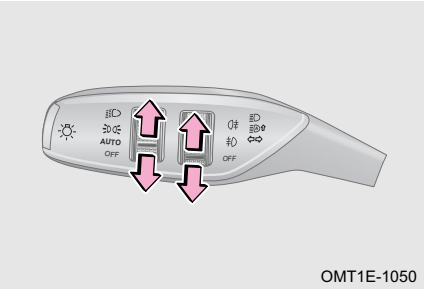
CAUTION

Make sure that the wiper arm returns to its original position before driving. otherwise it may damage the vehicle and cause an accident.

2-5. Lighting System

Exterior Lighting

Headlight combination switch



OMT1E-1050

Turn vehicle power to ON mode:

Auto-sensing mode: Push the headlight roller to "AUTO" position, sense the intensity of external light, and automatically control position lights, low beam lights and license plate lights to turn on.

Position lights: Push the headlight roller to " " position to turn on position lights, license plate lights, ambient lights and backlights.

Low beam lights: Push the headlight roller to " " position to turn on low beam lights and keep position lights coming on.

Front fog lights (if equipped): Push the headlight roller to " " position with low beam lights to turn on Front fog lights.

Rear fog lights: Push the headlight roller to " " position with low beam lights or front fog lights on to turn on rear fog lights.

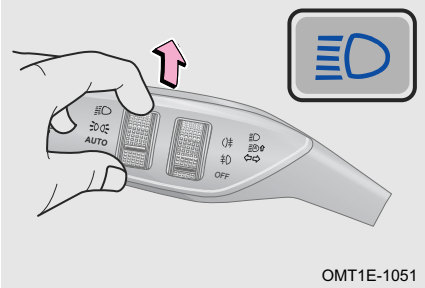
OFF: Push the headlight roller to "OFF" position to turn off the headlight function.

READ

- Front fog lights are turned off with position lights off; Rear fog lights are turned off when low beam lights or front fog lights off.
- When parking vehicle for a long time or before leaving vehicle, make sure that headlight combination switch is turned off to prevent the battery from being depleted. Failure to do so may cause that the vehicle cannot be started.

Headlight high beam

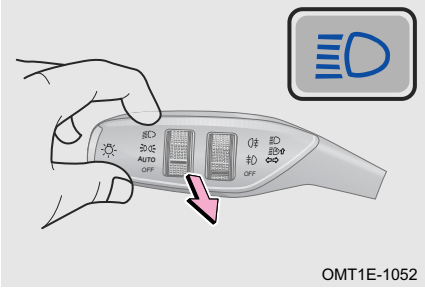
■ High beam lights



OMT1E-1051

Turn vehicle power to ON mode, when turning on low beam lights, pull headlight combination switch away from steering wheel side and release, headlight high beam comes on; Pull headlight combination switch towards steering wheel side and release to turn off headlight high beam.

■ High beam lights flash

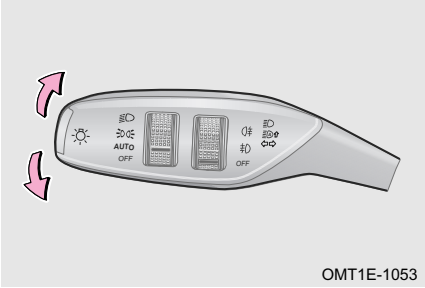


OMT1E-1052

Turn vehicle power to ON mode, pull headlight combination switch towards the steering wheel and release it to flash the high beam lights once. At the same time, headlight high beam indicator in instrument cluster flashes once.

READ
High beam lights can flash when the low beam lights are off.

Turn signal light



OMT1E-1053

Turn vehicle power to ON mode, dial headlight combination switch upward, right turn signal light is turned on; Dial headlight combination switch downward, left turn signal light turn on.

When turn signal lights are turned on, the indicator will flash in the instrument cluster. As vehicle is turning back after turning, combination switch automatically returns to center position.

Note: During a slight steering wheel turn, headlight combination switch may not automatically return to original position.

■ Lane change assist function

Turn vehicle power to ON mode, pull turn signal light switch once but not over steering point, and turn signal light flashes 3 times.

READ

During small angle steering, headlight combination switch may not automatically return to original position.

Daytime running light

After starting vehicle, the daytime running lights come on.

Brake light

Depress the brake pedal, brake light and high mounted stop light turn on.

Back-up light

Turn vehicle power to ON mode, shift the shift lever to R, back-up light turns on.

License plate light

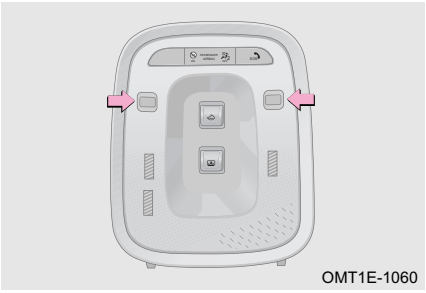
Turn vehicle power to ON mode and rotate headlight combination switch to " " position to turn on license plate lights.

Ground light

Press the smart key to unlock or open the door, ground light comes on.

Interior Lighting

Front dome light



Touch the front left/right dome light, the front dome light on corresponding side comes on.

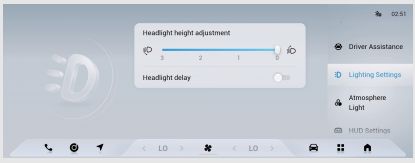
Second row dome light

Press " " switch, the second row dome light will come on.

Luggage compartment light

When back door is opened, luggage compartment light will turn on for a while automatically. When back door is closed, luggage compartment light will turn off immediately.

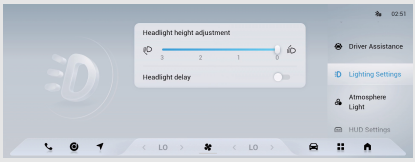
Headlight Leveling Adjustment



OMT1E-1064

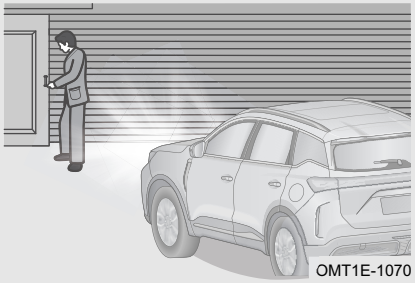
Turn vehicle power to ON mode, slide to adjust headlight leveling through Audio System - Vehicle Setting - Lighting Settings.

Follow Me Home Function



OMT1E-1064

Turn vehicle power to ON mode, turn on headlight delay through Audio System - Vehicle Setting - Lighting Settings.

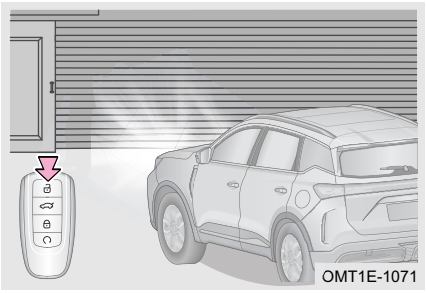


OMT1E-1070

ON: Rotate the headlight combination switch to "AUTO" position. When the vehicle is in a dim environment, press lock button on smart key, vehicle is fortified successfully. Low beam lights and position lights automatically come on for 30 seconds. Press lock button on smart key to activate it again.

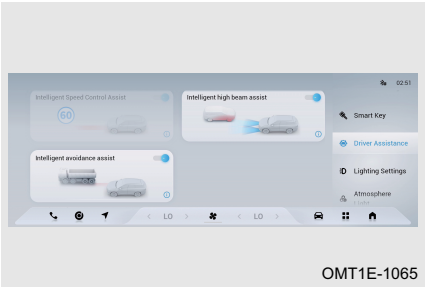
OFF: When the headlight combination switch is not in "AUTO" position or reaches the set operating time, the follow me home function will be turned off automatically. Low beam lights and position lights will go off immediately.

Smart Vehicle Locating Function


OMT1E-1071

Turn vehicle power to OFF mode, rotate the headlight combination switch to "AUTO" position before stopping. When the vehicle is in a dim environment, press unlock button on smart key, the low beam lights and position lights will come on for 30 seconds.

Intelligent High Beam Assist (IHC)



OMT1E-1065

Turn vehicle power to ON mode, turn on intelligent high beam assist through Audio System - Vehicle Setting - Assist Driving.

Turn vehicle power to ON mode, and push the headlight roller to "AUTO" position. When the low beam light automatically turns on, push the headlight combination switch away from steering wheel side and release, " " white indicator on instrument cluster comes on, and the intelligent high beam assist is activated; When the intelligent high beam assist is activated and vehicle speed is higher than 40 km/h, the intelligent high beam assist automatically turns headlight high beam on/off according to road conditions, such as meeting, following, and overtaking.

When the intelligent high beam assist is activated, the headlight high beam turns on or flashes, the white indicator " " in instrument cluster goes out. Push the headlight combination switch away from the steering wheel side and release, intelligent high beam assist is reactivated.

READ

- When the ambient brightness is too high, the Intelligent High Beam Assist (IHC) turns off the headlight high beam automatically.
- When the vehicle speed is less than 30 km/h, the Intelligent High Beam Assist (IHC) turns off the headlight high beam automatically.
- When the left/right turn signal light is activated, the Intelligent High Beam Assist (IHC) can not turn the headlight high beam on/off automatically.

Light Fogging Instructions

When the weather is cold or humid, inner side of lights will fog up due to difference in temperature between the inside and outside of lens. After lights turn on for a period of time, the fog inside the lens will gradually disappear, and there may still be some fog at the edge of the lens. This is normal. This fog has no effect on service life of lighting system. The vehicle lights generate fog, which gradually begins to disappear in the lens of the headlight within 30 minutes after the low and high beam lights are turned on. After a period of lighting, the fog disappears naturally. This is normal.

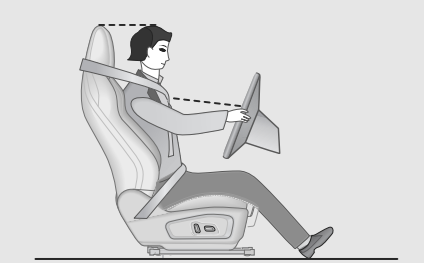
WARNING

- It is strictly forbidden to flush the engine compartment with a high pressure water gun, in particular, the lights cannot be flushed. Due to high pressure of high pressure water gun, accessories on lights may loose or fall off, vent hole and wire harness connector may damp, resulting in water infiltration or moisture not dispersing for a long time, and even severe condensation.
- When wading, following vehicle wading requirements (water depth, speed, etc.), otherwise water may enter lights.
- Headlights are all LED lights and cannot be repaired separately.

2-6. Seat

Correct Sitting Posture

The seats, head restraints, seat belts and airbags (SRS) are helpful to protect passengers. Using them adequately will provide you with more protection.


OMT1E-1080

When sitting, slightly inclines rearward (25° backward is proper) and well back on seatback.

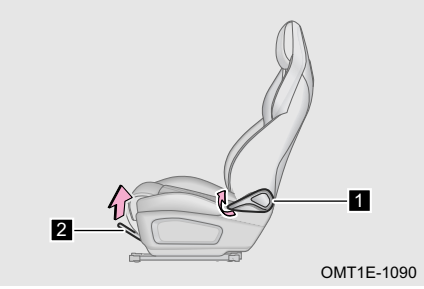
The front seats must not be too close to the instrument panel. The driver should hold the steering wheel with slightly bent arms during driving. His/her feet should also be bent slightly so that he/she can fully depress the pedal. Adjust head restraints properly so that the top of the head restraint is closest to the top of your head.


OMT1E-1081

The shoulder belt should be over the shoulder center and close to the chest, kept away from the neck, the lap belt should be closed to the hips but not stomach.

Front Seat

Manual seats (if equipped)



OMT1E-1090

1 Adjusting seatback angle

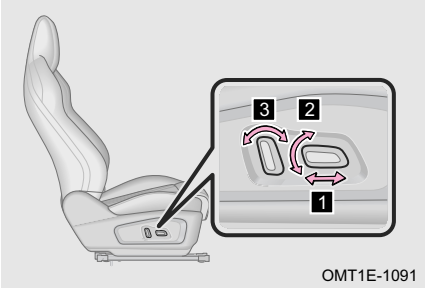
Lean your body against seatback, and then pull seatback adjustment lever upward. Adjust seatback to desired angle by changing tilt angle of your body and release the lever. After that, apply force backward against the seatback to make sure that the seatback is locked properly.

2 Adjusting seat forward and backward

Pull grip up and move the seat back and forth to adjust the seat position forward and backward. After adjusting seat to a desired position, release the grip. Then, shake the seat forward and backward to make sure that the seat is locked properly.

Power seat (if equipped)

■ Adjusting power seat



1 Adjusting seat forward and backward

Move button forward and backward parallel to adjust seat position.

2 Adjusting seat height (only driver side)

Move rear end of button upward and downward to adjust seat upward and downward.

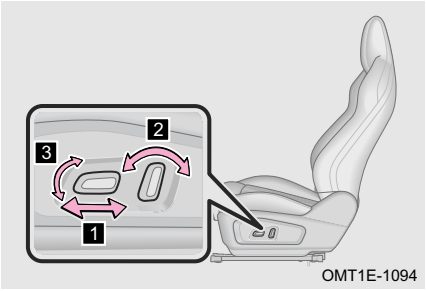
3 Adjusting seatback angle

Move upper end of button forward and backward to adjust seatback angle.

READ

There is a limit position for waist support adjustment. When reaching the limit position, release the adjusting button in time.

■ Adjusting front passenger power seat



1 Adjusting seat forward and backward

Push button forward and backward to adjust seat forward and backward.

2 Adjusting seatback angle

Push upper end of button forward and backward to adjust seatback angle.

3 Adjusting seat height

Move rear end of button up and down to adjust seat height.

Note: When front seat is at designed position, it can be adjusted 200 mm forward and 40 mm backward; When it is at designed angle, it can be adjusted 30° forward and 50° backward.

CAUTION

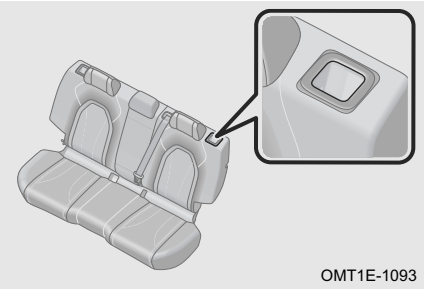
- Do not place any items under the seat while moving the seat, otherwise, it will damage the seat.
- There is a limit position for lumbar support adjustment. When reaching the limit position, release the adjusting button in time. Otherwise, it will damage the seat.

⚠ WARNING

- Do not adjust seat while driving, otherwise it may cause accidents and personal injuries.
- Avoid reclining seatback any more than needed, the seat belts provide maximum protection in a frontal or rear collision when the driver and the front passenger slightly incline backward and well back in their seats while sitting.

Second Row Seat

Folding seatback (take left side as an example)



OMT1E-1093

Step 1: Adjust the front seat position forward;

Step 2: Adjust height of second row seat head restraints (remove them if necessary) and fold up center armrest;

Step 3: Pull seatback adjustment lever forward, and slowly lower the seatback with your hand.

READ

When folding seatback, make sure that outer seat belt passes around the seatback to avoid damaging the belt.

⚠ WARNING

Do not adjust seat while driving, otherwise it may cause accidents and personal injuries.

Seat Heating/Ventilation Function (If Equipped)

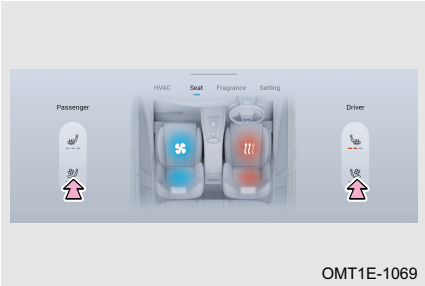
Seat Heating Function



OMT1E-1068

After starting the vehicle, click " " button on the front seat setting screen to turn on the seat heating function and switch among level 3/ level 2/level 1/OFF circularly.

Seat Ventilation Function (If Equipped)



OMT1E-1069

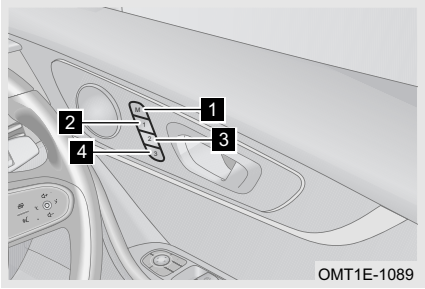
After starting the vehicle, click " " button on the front seat setting screen to turn on the seat ventilation function and switch among level 3/ level 2/level 1/OFF circularly.

READ

- Front seat heating and front seat ventilation cannot be turned on simultaneously.
- Audio main screen displays air conditioning system operation screen by sliding up audio main screen from bottom.

Seat Memory Function (If Equipped)

Switch operations



OMT1E-1089

1 Seat memory setting switch
2 Seat memory position 1 switch
3 Seat memory position 2 switch
4 Seat memory position 3 switch

Seat memory setting: Press seat memory setting switch, immediately press the seat memory position 1 switch/seat memory position 2 switch after instrument cluster emits a prompt tone, the corresponding positions are stored to seat memory position 1/seat memory position 2, instrument cluster indicates memory position has been completed at the same time.

Seat memory recall: Long press seat memory position 1 switch/seat memory position 2 switch until the seat operates to release the finger, seat will automatically move to the corresponding position.

READ

- Seat memory and key binding can be turned ON/OFF in audio head unit.
- The vehicle is equipped with two smart keys, which have two smart key IDs to unlock and identify ID source.
- If seat memory binding is turned off, no dialog box will pop up on audio head unit after adjusting seats.

2-7. Seat Belt

Seat Belt


OMT1E-1100

We strongly recommend the driver and passengers to wear their seat belts correctly at all times. Failure to do so could increase possibility and severity of injury in case of an accident. Check the seat belt regularly. If any seat belt function failure is found, please go to authorized service station for inspection and repair immediately.

Front seat belt is not buckled or not fastened firmly: When vehicle speed is more than 25 km/h, red indicator " " in instrument cluster flashes; When vehicle speed is no less than 25 km/h, the red indicator " " in instrument cluster flashes, accompanied by sound alarm.

Note: The front passenger seat belt alarm function is not standard. Please refer to the actual vehicle.

Second row seat belt is not buckled or fastened firmly: When vehicle speed is no less than 25 km/h, red indicator " " in instrument cluster comes on for 30 seconds and then goes off, accompanied by sound alarm.

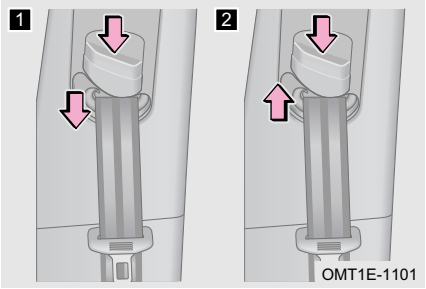
Note: The indicator comes on in red when the second row seat belt is not fastened, comes on in green when fastened, and goes off when all fastened.

READ

The front passenger, second row seat belt alarm function is not standard. Please refer to the actual vehicle.

Using seat belt correctly

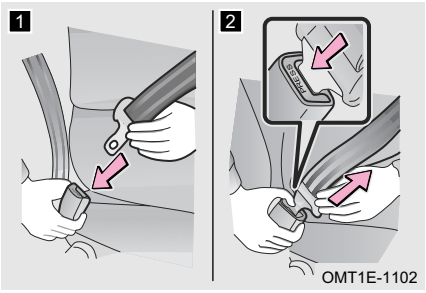
Step 1: Adjust the height of front seat belts;



1 Adjust upward: Directly push the seat belt adjustment button upwards.

2 Adjust upward: Push seat belt adjuster upward while pressing adjusting adjust button.

Step 2: Fasten/release seat belt;



1 Fasten seat belt: Push the tab into the buckle until a "click" sound is heard.

2 Release seat belt: Press the release button to retract seat belt. If the belt cannot retract smoothly, pull it out and check for kinks or twists. Make sure that seat belt can retract smoothly.

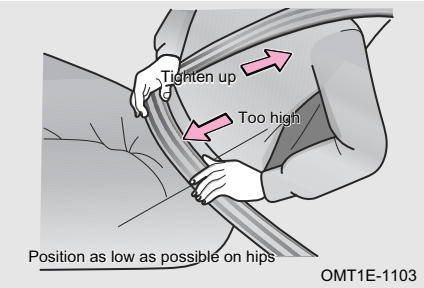
READ

- The seat belt will lock when the vehicle is on a slope.
- The seat belt will lock when it is pulled out quickly, but will not lock when pulling it out slowly.
- Each seat belt shall be used by one person only. Do not use a seat belt for more than one person at one time, including children.

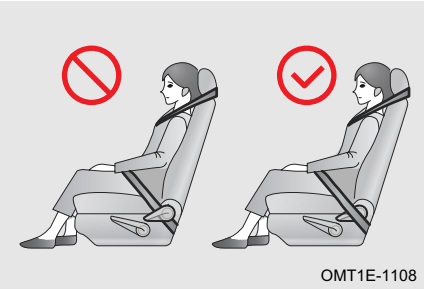
CAUTION

- Make sure that seat belt buckle position is correct and is locked safely, otherwise it may cause personal injuries.
- Do not use any seat belt with a loose buckle, otherwise, the seat belt will not protect the passengers in the event of sudden braking or a collision.

Step 3: Adjust the position of seat belts.



Adjust seatback angle, sit up straightly and well back in the seat. Position the lap belt as low as possible on your hips — not on your waist, then pull the shoulder belt upward so that it comes fully over the shoulder, but does not come into contact with the neck or slide off the shoulder.

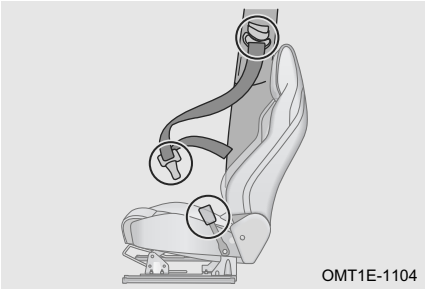


Wear the seat belt after the manual seat is adjusted to the appropriate position; Take out the seat belt in time if the seat belt accidentally enters the inside of seat adjustment lever, otherwise the seat belt will be worn or damaged.

⚠ CAUTION

- Do not wear unfitted clothes while driving to prevent seat belt from contacting with your body closely, otherwise, best protection effect is not achieved.
- Both high-positioned lap belts and loose-fitting belts could cause death or serious injuries during a collision or other unintended events.
- Do not recline seat more than necessary to achieve a comfortable ride. Seat belts are most effective when passengers are sitting up straight and well back in their seats.
- Make sure the shoulder belt is positioned across your shoulder. Do not place the shoulder belt under your arm. The belt should be kept away from your neck, but not falling off your shoulder. Failure to do so could reduce the protection effect of seat belt in an accident.
- We recommend that children be seated in the second row seat. Use seat belt or child restraint system with ISOFIX function according to the child's height. Never fix child restraint system with seat belt only. Always use standard fixing device for child restraint system on second row seat.

Maintaining seat belt



Check seat belts regularly for cuts, fraying, loose and stretched belt (-such as after a traffic accident). If the belt is damaged, please go to authorized service station for inspection and repair immediately.

⚠ CAUTION

- Do not allow water to penetrate belt retractor, buckle mechanism.
- Do not use chemical detergent, boiling water, bleach or dye to wash the seat belt.
- The seat belt should be washed with mild cleanser or warm water and dry naturally. Never clean it by artificial heat.
- Do not try to repair or lubricate retractor or buckle mechanism of seat belt, or repair seat belt in any way, we will not be held for any problem caused in this way.

⚠ WARNING

- If your vehicle has been involved in a serious accident, even if seat belt is not obviously damaged, please go to authorized service station for inspection and replace.
- Ensure that the belt can function properly and the belt is not twisted. If the seat belt does not function properly, please go to authorized service station for inspection and repair immediately.
- Do not attempt to install, remove, modify, disassemble or dispose of the seat belts. If there is any need above, have any necessary service carried out by authorized service station.

Seat belt precautions

■ Precautions for using seat belt by a child

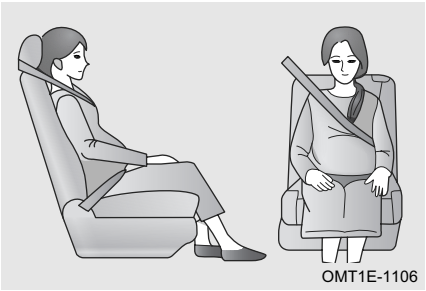
The seat belts of your vehicle are principally designed for persons of adult size. Use a child restraint system (for details, refer to "Child Restraint System") appropriate for the child, until the child becomes large enough to properly wear the vehicle seat belt. When the child becomes large enough to properly wear the vehicle seat belt, follow the instructions regarding seat belt usage. If a child is too large to use a child restraint system, the child should sit in the second row seat and must be restrained using the vehicle seat belt.


OMT1E-1105

Make sure the shoulder belt is positioned across the center of child's shoulder. The belt should be kept away from child's neck, but not falling off child's shoulder. Otherwise, the child may be seriously injured or even death during a collision or other unintended events.

Failure to use a child restraint system (for example: let a child stand or kneel on seats; let a child sit on an adult's laps; holding a child in arms). This may cause death or serious injuries during a collision or unintended events.

■ Precautions for using seat belt by a pregnant woman

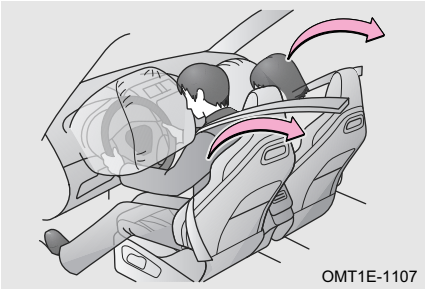

OMT1E-1106

Obtain medical advice and wear the seat belt properly. Women who are pregnant should position the lap belt as low as possible over the hips in the same manner as other occupants. Extend the shoulder belt completely over the shoulder and across the chest, avoid belt contact with the rounding of the abdominal area. If the seat belt is not worn properly, it may cause serious injuries or death during a collision or other unintended events.

⚠ WARNING

- Do not insert coins, clips, etc. into the buckle to prevent from properly latching tab and buckle.
- After inserting the tab, make sure that the tab and buckle are locked and that the lap belt and shoulder belt are not twisted.
- It is not allowed to insert the non-genuine seat belt tab into buckle. Long-term use will easily lead to damage of the seat belt buckle and make it unusable.
- If the seat belt does not function normally, it cannot protect passenger from death or serious injury, please go to authorized service station for inspection and repair immediately.

Seat Belt Pretensioner



1. Seat belt pretensioner is designed to assist front airbag (SRS) in the event of a severe impact.
2. In the event of a minor impact or side impact, pretensioner may not activate.
3. During a severe impact, seat belt pretensioner may be activated even if there is no occupant in front seat.
4. When seat belt pretensioner is activated, retractor quickly tightens seat belt to tightly restrain occupant.
5. When seat belt pretensioner is activated, it may make a working sound and release a small amount of non-toxic gas. The gas produced does not cause a fire and is generally harmless.

⚠ WARNING

- When seat belt pretensioner is activated, the airbag (SRS) malfunction indicator remains on, and seat belts cannot be retracted/pulled out. Please go to authorized service station for inspection and repair immediately.
- Do not modify, remove, hit or open the seat belt pretensioner assembly, airbag (SRS) sensor and assembly wire. Otherwise, it may cause death or serious injuries during a collision or other unintended events.

Function limit

■ In the following cases, the seat belt pretensioner may not work properly

1. Modify suspension system.
2. Modify front body section.
3. Repair the seat belt pretensioner or any assembly nearby.
4. Seat belt pretensioner assembly or its surrounding area is damaged.
5. Install grill guard or any other device to front body.

2-8. Child Restraint Systems

Child Restraint Systems

According to accident statistics, a child is safer sitting in the second row seat and properly restrained than child in front seat. Choose a child restraint system suitable for the vehicle, age and size of the child. (Vehicle seat belt meet international standards is designed according to body size of child over 1.5 m. If any under 1.5 m uses seat belt, the belt could hurt his/her neck seriously in case of an accident).

This instruction only provides installation instructions for child restraint systems (ISOFIX). For installation details, strictly follow the instructions provided by the child restraint system manufacturer.

⚠ WARNING

- We suggest use standard fixing device for child restraint system on the second row seat.
- Child restraint system should comply with the safety standards set by local regulations and laws. We will take no responsibility for an accident caused by using a child restraint system.
- For effective protection in accidents and sudden stops, a child must be properly restrained using a seat belt or a appropriate child restraint system installed on the second row seat depending on age and size of the child. Holding a child in the arms is not a substitute for a child restraint system.

Child Safety Seat Grouping

Child restraint systems should comply with local motor vehicle standards for child restraint systems and child safety prevention system (ECE R44/R129), generally, the verified child restraint system is applied a local certification label and also has an orange label after testing by ECE R44/R129 standard. There is information, such as weight group, ISOFIX level and license for child restraint system, on this label.

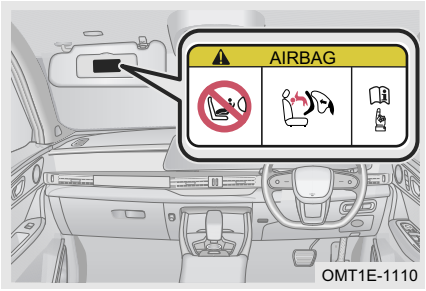
CRS Table

Seat position	Driver	Front Passenger		2nd row left	2nd row middle	2nd row right
		Passe-nger Airbag ON	Passe-nger Airbag OFF			
Seating position suitable for universal belted (YES/NO)	N/A	NO	YES	YES	YES	YES
i-Size seating position (YES/NO)	N/A	NO	NO	YES	NO	YES
Seating position suitable for lateral fixture (L1/ L2)	N/A	NO	NO	NO	NO	NO
Largest suitable rearwardfacing fixture (R1/ R2X/ R2/ R3)	N/A	NO	NO	R1/ R2X/ R2/R3	NO	R1/ R2X/ R2/R3
Largest suitable forward facing fixture (F2X /F2/ F3)	N/A	NO	NO	F2X/F2/ F3	NO	F2X/F2/ F3
Largest suitable booster fixture (B2/ B3)	N/A	NO	NO	B2/B3	NO	B2/B3

Note:

1. The child seat category is defined according to ECE R16/R44/R129, you can find the category of child seat on it's specification. The child restraint system must be appropriate to the age, weight and size of the child.
2. If it is absolutely necessary for you to install a child seat to the front passenger seat, be sure to turn passenger airbag off. Adjust front passenger seat to the highest and rearmost position before installing universal CRS on it.
3. It is forbidden to install a child seat with a support base or with a support leg on the middle seat of the 2nd row.
4. Only universal belted child restraint systems can be used on the middle seat of the 2nd row.

Child restraint system precautions



This sticker is attached to front passenger sun visor and used to remind you that the vehicle is equipped with front airbag (SRS). Observe the following precautions:

- When using a rearward facing child restraint system in the front passenger seat, the passenger airbag must be OFF, Refer to "- Enabling and Disabling Front Passenger Airbag".
- Never change the design of child restraint system fixing device or seat belt on the vehicle under any circumstances.

It is the driver's responsibility to comply to the instructions provided, and to the instructions provided by the CRS manufacturer.

Recommended Child Restraint Systems

- Only use child restraints approved to either ECE R44 or ECE R129. Refer to the approval reference attached to the child restraint system.
- When using child restraint systems, please carefully read the instructions provided by the child restraint system manufacturer and strictly follow the installation instructions, to ensure the child restraint system is installed correctly.
- We recommends the following child restraint systems.

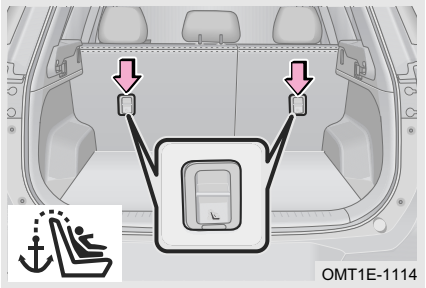
Child Height/ Mass Group	Name	Manufacturer	Type Of Fixation
40～83cm	Pearl 360& FamilyFix 360	Maxi-Cosi	ISOFIX with Support Leg
76～105cm	Pearl 360& FamilyFix 360	Maxi-Cosi	ISOFIX with Support Leg
100～150m	KidFix i-Size	Britax Römer	ISOFIX and vehicle belt
137～150m	Booster Max R129	GRACO	Vehicle belt

Note:

When using Britax Römer KidFix i-Size:

- Install the SICT side impact extension as per the CRS manual instruction;
- Insert the vehicle lap belt into the Secure Guard. Do not place the vehicle diagonal belt into the Secure Guard.

Top Tether



This model is equipped with top tether strap anchorages on the back of the rear seats.

Before using a top tether strap, remove the seating position head restraint and luggage compartment cover. With the child restraint on the seat, attach the top tether strap to the anchorage, and tighten to remove all slack. Refer to instructions provided by the CRS manufacturer.

READ

- Ensure all removed head restraints are stowed safely.
- After correct installation of the child restraint and top tether, the luggage compartment cover can be re-installed.

WARNING

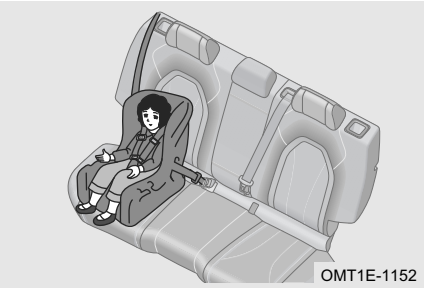
Ensure the top tether strap anchor is attached correctly. Incorrect installation may cause serious injury to the child.

■ Rearward-facing child restraint system



A rearward facing child restraint is installed to face to the rear of the vehicle. Only install a rearward facing child restraint on the front passenger seat if the airbag is OFF. It is recommended children use a rearward facing child restraint system up to 4 years old.

■ Forward-facing child restraint system


OMT1E-1152

A forward facing child restraint is installed to face to the front of the vehicle. It is recommended children use a forward facing child restraint system when older than 4 years old.

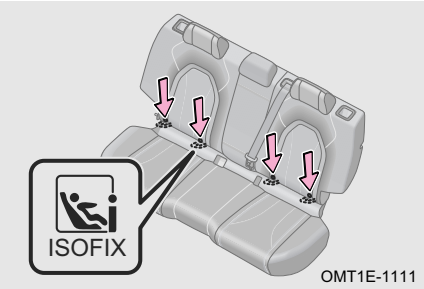
■ Booster seat child restraint system


OMT1E-1153

For larger children that cannot fit in a child restraint system with a high back, they may occupy a second row outboard seat using a booster seat, either attached to the lower anchorage points or belted, as described in the instructions provided by the child restraint system manufacturer.

Installing Child Restraint Systems

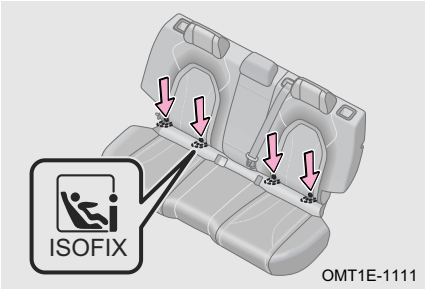
Child restraint systems



OMT1E-1111

The rear outside seats are equipped with ISOFIX / i-Size anchorages. The anchorage locations are identified by a marking (see illustration) located on the seat back, directly above the associated anchorages.

Installing child restraint systems

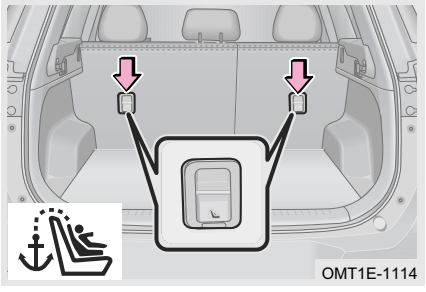


Step 1: Locate the ISOFIX anchorage.



Step 2: Place the child restraint system on the rear outboard seat;

Step 3: Attach the child restraint ISOFIX probe to the anchorage. Where necessary extend the child restraint support leg.



Step 4: Where a top tether strap is required, route, correctly attach and tighten the top tether strap to the top tether anchorage.

Note: If a luggage cover is present, it will need to be removed, to allow the upper tether access to the anchor point.

Note: Refer to the child restraint system instructions whether it needs to be secured by an upper tether belt.

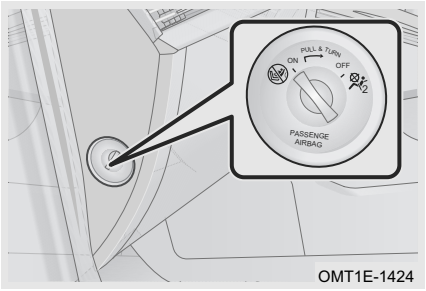
READ

- If it interferes with the installation, the head restraint can be removed from the seat the child restraint system is installed on.
- After attaching the upper tether to the anchor point, be sure to tighten the tether and ensure it is secure. For the specific method of fixing and tightening upper tether of the child restraint system, strictly follow the instructions provided by the child restraint system manufacturer.
- Before installing the child restraint system that uses an upper tether, the head restraint must first be removed. This will limit or prevent interaction of the head restraint with the upper tether. In addition, any luggage cover present must first be removed.

⚠ WARNING

- After installing a child restraint system, never adjust the seat.
- It is recommended child restraint systems are installed on the rear outboard seats.
- Never fix more than one child restraint system to one set of anchor points.
- Do not allow the upper tether to cross or pass the head restraint and be sure to tighten the tether after installing. Incorrect installation may cause serious injury to children.
- For the vehicle equipped with a luggage cover on the luggage compartment, the luggage cover must be removed before installing child restraint system to anchor points.
- If anchor point device is damaged or overloaded during an accident, please go to authorized service station for inspection and repair immediately.
- If the driver's seat interferes with the correct installation of the child restraint system on the rear seat behind the driver seat, install the child restraint system on the rear seat behind the front passenger.
- Do not use child restraint system anchor bracket to secure items other than child restraint system. We will not be liable for any accident caused this way.
- If the child restraint system is not correctly fixed in place, the child or passengers may face serious injury or even death during a collision.
- Make sure the top tether is securely latched, and check if the child restraint system is secured by pushing and pulling it in different directions. Follow the installation instructions provided by the child restraint system manufacturer. If the child restraint system is not correctly installed, the child may face serious injury or even death during a collision.

Enabling and Disabling Front Passenger Airbag



The airbag enabling/disabling switch is located on the passenger side instrument panel and is visible when front passenger door is opened.

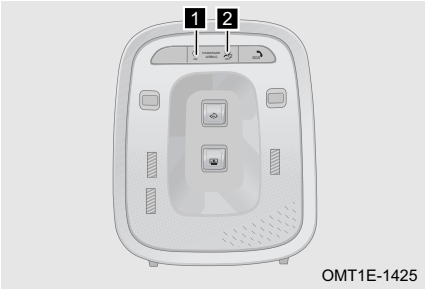
■ Disabling front passenger airbag

Turn the switch to OFF position while pulling the switch outward, the front passenger airbag is disabled and the disabling status indicator will come on.

■ Enabling front passenger airbag

Turn the switch from OFF to ON, re-enable the front passenger airbag and the enabling status indicator will come on. It is now safe to sit in the front passenger seat.

Airbag status indicator



1 Disabling status indication
2 Enabling status indication

⚠ WARNING

- Remember to subsequently enable the front passenger airbag when an adult occupant is seated in the front passenger seat. It is the driver's responsibility to confirm the passenger airbag status is correct for the occupant in the front passenger seat.
- In the event a rearward facing child restraint system needs to be installed on the front passenger seat, the front passenger airbag must be disabled. Otherwise, it may cause serious injury or even death to young children in the event of an accident.

Reminder for Children Staying in Rear Seat

Introduction

This function is based on the active detection of millimeter wave radar .After the vehicle is powered off and locked, it detects whether there is a child in the car. If there is child, the system alarms to alert customers and pedestrians around the vehicle. The alarm is alerted by a double flash and a siren.

After locking the car, the system will immediately begin to determine whether there is a child in the car. If a child is detected, an initial alert will be sent ten seconds after locking the car, and the whole process will last five seconds or until canceled.

After the end of the initial reminder, if the door is still closed and the system detects that there are still children in the car, the upgrade reminder will be activated at 85 seconds after the end of the initial reminder; The upgrade reminder signal takes every 60 seconds as a reminder cycle. Within a cycle, the signal of yellow double flashing light and siren lasts for 30 seconds, and then pauses for 30 seconds in this cycle. Repeat until the reminder is cancelled

When the first upgrade reminder is triggered for more than 5 minutes and a child is detected in the car, a three-level reminder will be triggered, and your CAR APP or mobile phone SMS will receive a child forget reminder, which is as follows: "Dear user, it is detected people and pets left in your car. Please return to your car promptly".

Temporary system suspension

The system allows temporary suspension. IN the Vehicle comfort menu inside the vehicle center, there is a temporary off switch for this feature. Turn off the reminding function once through this switch when there is no need to remind temporarily. However, when the vehicle starts and drives next time, the switch will return to "ON" state by default.

⚠ WARNING
Please do not leave children alone in the car.

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Power Back Door (If Equipped).....111

Back Door Emergency Opening..... 116

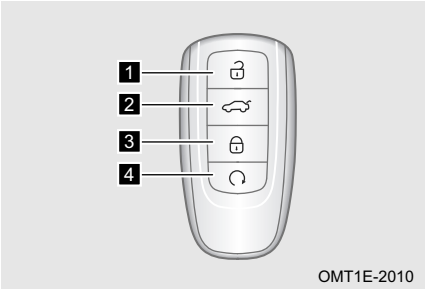
3-14.Fuel Tank Cap

Electric Fuel Tank Cap 116

3-1. Key Information

Smart Key

Smart key is used to unlock/lock doors remotely and open back door within about 20m (no blind area) of the vehicle.



1 Unlock button
2 Back door opener button
3 Lock button
4 Remote starting button

Function limit

■ Under the following conditions, the smart key battery may be low or depleted

1. The remote control distance gradually decreases.
2. Remote control function does not work even without interference.
3. Instrument cluster prompts "Smart key battery is low".

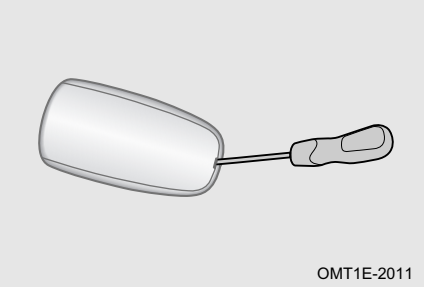
■ In the following conditions, the smart key may not work properly

1. There are more than one smart keys being used nearby.
2. The distance between vehicle and smart key is over 20 m.
3. The smart key is in contact with, or is covered by a metallic object.
4. The smart key is placed near an electrical appliance (such as mobile phone or personal computer).
5. The key is near wireless communication devices that have the similar frequency with the remote control key (such as portable radio).
6. The key is near facilities that generate strong waves (such as TV tower, radio station, power station, airport, train station).

⚠ CAUTION

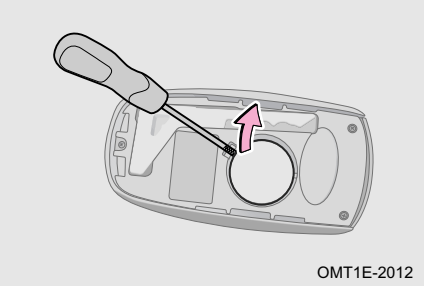
- This product is a low frequency radio device and can be interfered by various radio services or radiation from industrial, scientific and medical equipment.
- Do not change the transmitting frequency, increase the transmitter power (-including installation of the wireless RF power amplifier), or install an external or other transmitting antenna without permission.
- When using it, do not interfere with legal wireless communications; In case of interference, immediately stop using and take measures to eliminate the interference before continuing to use it.

Replacing smart key battery



OMT1E-2011

Step 1: Pry off smart key cover using a flathead screwdriver with the tip taped and take out mechanical key;



OMT1E-2012

Step 2: Pry off battery in smart key using a flathead screwdriver with the tip taped and install new battery with the positive (+) side up;

Step 3: Install smart key in place in the reverse order of removal;

Step 4: After replacing the battery, check if the smart key operates properly. If the smart key cannot operate properly, please go to authorized service centre for inspection and repair as soon as possible.

ENVIRONMENTAL PROTECTION

Used lithium battery cannot be handled as general household rubbish, please handle used battery according to the local regulations and provisions regarding environmental protection.

READ

- Make sure that positive and negative terminals of battery are placed correctly.
- Smart key battery model: 3V-CR2032 lithium battery.

CAUTION

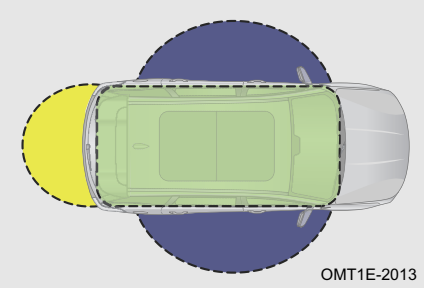
- Only use the recommended battery type.
- Do not bend electrode and terminal when installing battery.
- Make sure your hands are dry and keep away from water when replacing the battery.
- Do not touch new battery with oily hand. Failure to do so may cause battery corrosion.
- Do not touch or move any components inside the smart key, or its functions may not work properly.
- There are some difficulties when replacing battery, so it may be damaged if replacing the battery by yourself. It is recommended to replace it at authorized service centre.

WARNING

- Take special care to prevent children from swallowing the removed battery or other components, failure to do so may cause death or serious injury to the child.
- A coin battery or button battery is used in the smart key. If a battery is swallowed, it may cause severe chemical burns in as little as 2 hours and may result in death or serious injury. Keep away new and removed batteries from children. If you accidentally swallow a battery or put a battery into a part of your body, get emergency medical attention immediately.
- If you accidentally swallow a battery or put a battery into a part of your body, get emergency medical attention immediately.

Effective Range

Detectable area



Starting or switching power area

Start or switch power mode when smart key is the vehicle.

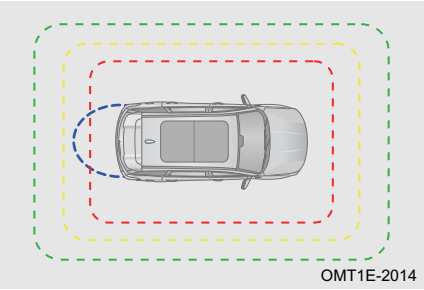
Unlocking/locking area

Unlock/lock the doors when smart key is within effective range of door high performance low-frequency antenna.

Opening back door area

Open the back door when smart key is within effective range of luggage compartment outer low-frequency antenna.

Automatic sensing area



Smart turning on welcome lights area

Approach the vehicle when carrying smart key on your person, the welcome lights will turn on.

Away from locking area

Leave the vehicle when carrying smart key on your person, doors automatically lock.

Approaching to unlocking area

Approach the vehicle when carrying smart key on your person, doors automatically unlock.

Smart opening back door area

Approach the vehicle when carrying smart key on your person, doors can not automatically unlock/lock (for details about back door sensing open function, refer to " Back Door").

READ

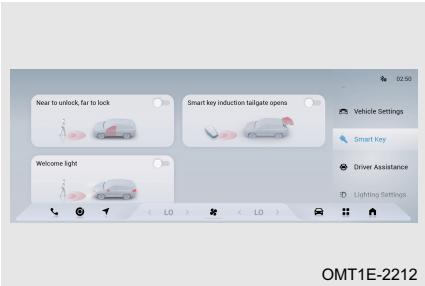
- Please leave the vehicle after the four doors and back door are closed, otherwise the automatic sensing lock function may not work properly.
- Due to the interference of surrounding environment, functions such as keyless entry, courtesy, approach unlocking, away locking etc. with carrying smart key may be affected. When the functions are abnormal, please change other methods (such as manual unlocking, remote unlocking) to unlock/lock or start the vehicle.

Function limit

■ Smart key may be not detected in the following conditions

1. Smart key is in luggage compartment.
2. When locking doors, smart key is too close to the window or roof.
3. Check if the smart key is placed together with strong electromagnetic interference sources (such as portable power source, interphone or other phones).

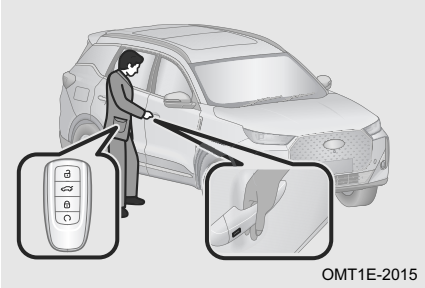
Keyless Entry



OMT1E-2212

Turn vehicle power to ON mode, and turn on Unlock when approaching and lockwhen leaving Audio System - Vehicle Setting - Smart Key.

Unlocking doors

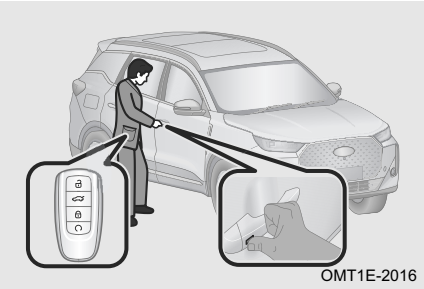


OMT1E-2015

Method 1: Touch the unlock sensing area with four fingers when carrying smart key on your person, the system automatically recognizes validity of smart key and doors automatically unlock.

Method 2: Approach vehicle when carrying smart key on your person, welcome lights will turn on, the system automatically recognizes validity of smart key and doors automatically unlock.

Locking doors



Method 1: Touch the lock sensing area with fingers when carrying smart key on your person, the system automatically recognizes validity of smart key and doors automatically lock.

Method 2: Leave vehicle when carrying smart key on your person, the system automatically recognizes validity of smart key and doors automatically lock.

READ

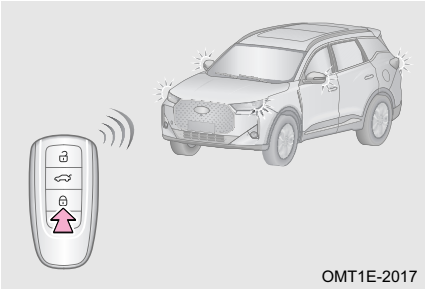
- Smart key sensing unlock/lock needs to be set in audio system (for details, refer to "Audio System").
- Approach unlocking/away locking function will be turned off after 3 days since vehicle is locked. Restarting the vehicle will resume the approach unlocking/away locking function.
- The vehicle is equipped with smart key sensing function. After the vehicle is locked, in order to prevent the power consumption of the smart key, it is recommended to place the key more than 4 m away from the vehicle, or turn off the welcome function and sensing unlocking/locking function in the head unit system.

⚠ CAUTION

- Do not put smart key together with computer, cordless mouse, phone, etc., doing so may not sense unlock/lock.
- Smart key sensing lock function is only operated when vehicle power is switched to OFF mode, all doors and back door are completely closed and smart key is not stored in vehicle.
- After leaving the vehicle and closing four doors and back door, smart key is left in vehicle or there is no smart key around vehicle within approximately 2.5 m, smart key sensing active lock function will not be activated.
- If the smart key away from vehicle over approximately 2.5 m, turn signal lights do not flash and horn sound is not heard (successful fortifying prompt), inspect if the vehicle is locked to avoid misoperation or locking failure resulting from unsatisfied condition.
- After smart key sensing active unlock/lock function is activated, if smart key keeps near the vehicle, vehicle will lock automatically for more than 3 minutes, if the key still is in there for another 3 minutes, for the purpose of power saving, smart key sensing function will be temporarily closed, the function can only be activated after opening any door or back door and then closing all doors and back door.

Vehicle Fortifying

Fortifying operation


OMT1E-2017

■ Fortifying mode

While vehicle power is switched to OFF mode as well as four doors and back door are closed, press the smart key lock button or touch the lock sensing area with fingers or leave the vehicle when carrying smart key on your person, the door will automatically lock and enter the fortifying status.

Successful fortifying prompt: Turn signal light flashes once and anti-theft horn sounds once.

Unsuccessful fortifying prompt: Turn signal light flashes twice and anti-theft horn does not sound.

■ Secondary fortifying mode

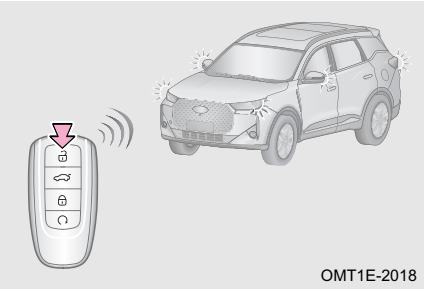
After deactivating vehicle fortifying, if four doors and back door are not operated, the vehicle will lock automatically and enter fortifying state after 30

seconds. If any of the four doors and back door are opened, the vehicle will exit secondary fortifying mode.

READ

- Fortifying prompt is set in audio system (for details, refer to "Audio System").
- Vehicle fortifying cannot be set if vehicle power is not switched to OFF mode.
- If four doors and back door are not closed completely, the central lock will lock once and vehicle fortifying is not set successfully.
- If back door is closed and any door is not closed, the central lock will lock and then unlock and vehicle fortifying is not set successfully.

Deactivating operation


OMT1E-2018

Press unlock button on smart key or touch the unlock sensing area with four fingers or approach vehicle when carrying smart key on your person, the system automatically recognizes validity of smart key and doors automatically unlock, the vehicle will exit from fortifying mode.

Successful deactivating prompt: Turn signal lights flash twice.

Immobilizer System

Electronic immobilizer system

Smart key has a built-in transponder chip. If the smart key is not pre-matched into engine immobilizer module, the built-in chip will prevent engine from starting.

■ In the following conditions, the engine immobilizer system may not work properly

1. Smart key is in contact with a metallic object.
2. Modify or remove engine immobilizer system.
3. Smart key is too close to or contacts smart key (key with a built-in transponder chip) of another vehicle.

CAUTION

- Do not match the smart key by yourself, otherwise the engine immobilizer system may not work properly.

Vehicle anti-theft system

When vehicle is in fortifying mode and illegal entry is detected, the vehicle anti-theft system will send sound-light alarm, alerting owner that the vehicle is in an illegal opening state.

READ

- The vehicle anti-theft system will not be enabled if the doors are locked by mechanical key. It is recommended to lock doors by smart key.
- After locking doors with smart key, the vehicle anti-theft system will be triggered if front right door is unlocked and opened by mechanical key.
- When vehicle anti-theft system is triggered, vehicle anti-theft system can be deactivated if pressing unlock button on smart key or switching vehicle power to ON mode.
- To prevent unexpected triggering of vehicle anti-theft system or vehicle theft, before leaving the vehicle, check that nobody is in vehicle, all doors and windows are closed properly and vehicle is fortified successfully.

Vehicle Locating for Smart Key

Press lock button on smart key continuously twice within several seconds, horn sounds 6 times, at the same time, turn signal lights flash 10 times, this allows you to find your vehicle easily.

Remote Starting for Smart Key

While vehicle power is switched to OFF mode, vehicle is locked and smart key is not in vehicle, long press lock button or remote starting button on the smart key for several seconds to start it remotely and A/C operates automatically at the same time. The vehicle will automatically shut off after 10 minutes of remote starting.

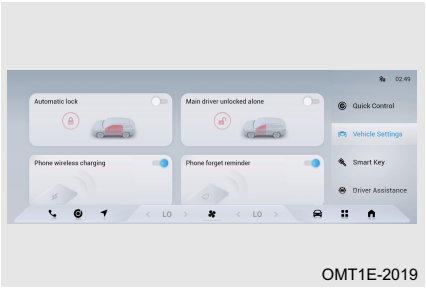
READ

- There must be no person in the vehicle including the operator when starting the vehicle remotely.
- Distance when starting vehicle remotely using smart key should not exceed normal operating distance (20 m) of smart key.
- After vehicle is started remotely, some functions cannot be operated (such as headlight combination switch, wiper combination switch, audio function), depress brake pedal when carrying smart key on your person, quit remote mode to restore normal operation.
- When single time for starting vehicle remotely is 10 minutes, the time will add 10 minutes after pressing lock button or remote starting button again for a few seconds; it allows vehicle starting remotely twice, if the two starting has been used, after vehicle power is turned to ON mode, vehicle starting remotely can be used.

3-2. Doors

Door Unlocking/Locking

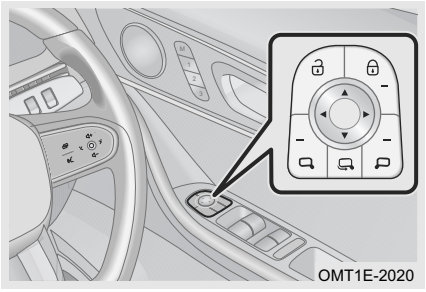
Unlock driver door only



OMT1E-2019

Turn vehicle power to ON mode. Turn on independent driver door unlocking through Audio System - Vehicle Setting - Vehicle Settings. Only the driver door is unlocked when smart key unlock button is pressed for the first time. Other three doors are unlocked when smart key unlock button is pressed for the second time.

Door Lock Switch

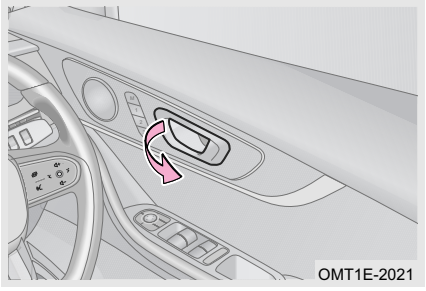

OMT1E-2020

When doors are locked, press " 🔓 " switch to unlock doors.

When doors are unlocked, press " 🔒 " switch to lock doors.

> READ
>
> When four doors are closed and vehicle speed is > 9 mph (15 km/h), the doors will automatically lock; Door automatic lock need to be set in audio system (for details, refer to "Audio System"). The vehicle is unlocked immediately after a collision.

Unlocking Doors with Inside Handle


OMT1E-2021

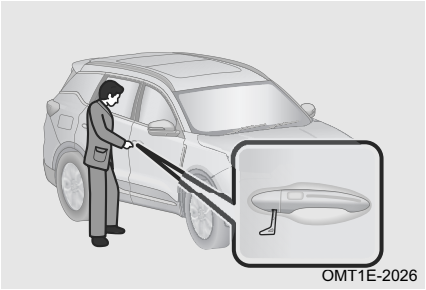
When doors are unlocked, pull door inside handle simply to open doors.

When doors are locked, pull door inside handle for the first time to unlock the doors, and pull it again to open the doors.

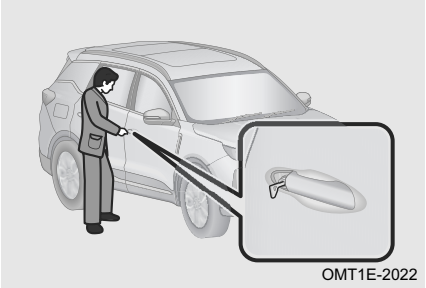
Door Mechanical Switch

Vehicle can not be unlocked/locked electrically when battery is depleted or under similar conditions. In this case, the doors can be unlocked/locked with door mechanical switch.

Unlocking/locking front right door manually

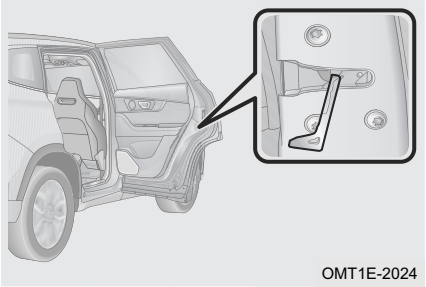

OMT1E-2026

Step 1: Insert mechanical key into hole under front right door handle cover. Turn the key upwards to pry the cover;


OMT1E-2022

Step 2: Insert the mechanical key into the front right door key hole, turn the key clockwise to lock the door, counterclockwise to unlock the door.

Locking front left door/second row doors


OMT1E-2024

Step 1: Along the door panel edge lock body, press down the white lock knob with key tip, thus the locking operation on the second row doors can be achieved;

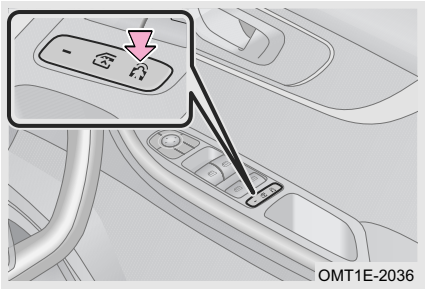
Step 2: Close the second row doors. Pull the door handle to make sure the door is locked.

READ

- If the doors can not be unlocked/locked electrically, please go to authorized service centre for inspection and repair as soon as possible.
- When using door mechanical switch, please check if the doors are locked successfully one by one after locking. If unsuccessful, please go to authorized service centre as soon as possible.

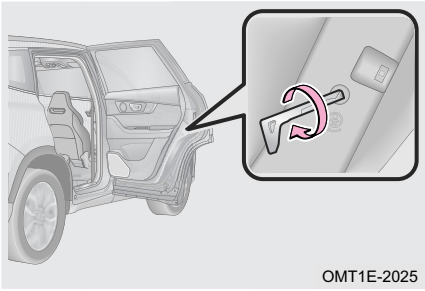
Child-Protection Lock

Power Child Lock (If Equipped)



Press "" switch, the passenger side window OFF switch indicator comes on, and the power child lock is locked. At this time, the rear door cannot be opened from inside, and can only be opened from outside. In this case, the passenger side window switch function is disabled.

Manual child lock (If Equipped)



Lock: Use mechanical key or a suitable flat screwdriver to turn in the direction of arrow to lock the child-protection lock.

Unlock: Use mechanical key or a suitable flat screwdriver to turn in the opposite direction of arrow to unlock the child-protection lock.

⚠ WARNING

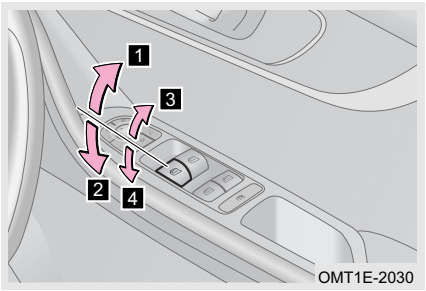
- The system is independent and cannot replace the central lock mechanism in any case.
- Make sure that all doors are closed before driving, otherwise accidents and personal injury may be caused.
- When a child is seated on the rear seats, always lock the child lock to prevent the second row doors being opened accidentally while driving.
- In the case of an accident, when the child lock is activated and there is someone in vehicle, remember that, the second row doors can only be opened from outside.
- In hot weather, if vehicle stalls and all doors and windows close, do not allow any animal or child in vehicle alone. Otherwise, serious injury or even death may be caused by the sharp temperature rise even if it is a short time.

3-3. Windows

Power Windows

There are many ways to open/close windows, such as by window switch, voice recognition and remote control.

Usage methods



Operate power window switch after vehicle power is switched to ON mode:

1 Pull the switch to top to make window go up automatically; press it again to stop moving the window.

2 Press the switch to bottom to make window go down automatically; press it again to stop moving the window.

3 Pull the switch upwards by one level to make window go up; release the switch to stop moving the window.

4 Press the switch downwards by one level to make window go down; release the switch to stop moving the window.

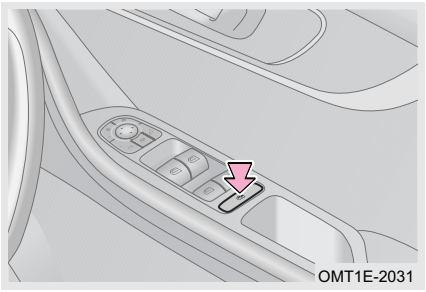
READ

- For details about voice recognition, refer to "Audio System".
- Only vehicles with window jam protection function have one-touch window up function.
- If the door is not opened within 2 minutes while vehicle power is switched to OFF mode, the power window can be operated.
- After leaving vehicle in low temperature environment for a long time, when operating power window switch, window glass cannot be fully opened or closed. In this case, release the switch and then operate again, repeat 3-5 cycles to recover.

WARNING

- To avoid personal injury, it is driver's responsibility to guide all passengers to operate power window up/down switch and especially to prevent children from using it incorrectly. Ensure that vehicle power has been switched to OFF mode or non-mechanical device is closed when leaving the vehicle.
- Take extra care when closing windows, failure to do so may be caught and injured! Models without window jam protection function, when window glass rises, passenger body may be caught, resulting in serious injury. For models with window jam protection function, jam protection function can be activated in jam protection area to protect passenger. However, for the thin or soft objects, jam protection function may be not activated, resulting in serious injury.

Passenger side window OFF switch



Press " " button, passenger side window OFF switch indicator comes on. After disabling, passenger side windows only can be operated by driver side window switch (this function is recommended when there is a child in vehicle).

Window Remote Control Function

Remote control window down function

While vehicle power is switched to OFF mode, four doors are closed and unlock button on smart key is pressed and hold, windows of four doors will go down automatically. If unlock button on smart key is released or any door is opened in this process, window will stop going down.

Remote control window up function

While vehicle power is switched to OFF mode, four doors are closed, lock button on smart key is pressed, the vehicle will enter arming status and four door window will go up automatically. Unlock/lock doors in automatic window up process and windows will stop going down.

READ

If abnormal closing occurs during remote control one-touch window up, turn signal lights flash 1 time and horn continuously sounds 5 times to alarm user that window may not close normally.

> ⚠ WARNING
>
> Before using remote control up window function, please take extra care. Remote control up/down window function can be used only when the vehicle can be seen clearly and make sure that passengers cannot be caught by window.

Window Jam Protection Function

Jam protection function

During one-touch window up or remote control one-touch window up, if obstacle is encountered in jam protection area and resistance exceeds a certain value, window will stop rising and go down slightly. To close window, move away obstacle and operate again.

To protect the window regulation system, window jam protection function and one-touch window up function will be canceled in some conditions to avoid potential safety hazard. At this time, the window only has the conventional up-down function. After jam protection learning, the one-touch window up function of corresponding door will return to normal.

Canceling jam protection function

If obstacle is encountered twice continuously when rising the window, the window will stop rising, jam protection function will be canceled. If the battery cable is disconnected during working or non working process, jam protection function will be canceled.

Overheat protection function

To protect motor, if window up-down operation is performed continuously, overheat protection function actively disables the control of corresponding window switch. After motor temperature returns to normal, it recovers. This function will not affect the use of other normal window up-down functions.

Manual learning function

If one-touch window up function and jam protection function do not operate normally, perform the following steps to restore function. Make sure that there are no obstacles within window range during learning.

Step 1: Switch vehicle power to ON mode;

Step 2: Operate window switch and hold for 2 seconds manually to fully close window, then release the switch;

Step 3: Operate window switch and hold for 2 seconds manually to fully open window, then release the switch;

Step 4: Try to operate auto window up function;

Step 5: If window cannot close automatically, please repeat the above steps to set.

If auto window up function cannot be restored after repeating the above steps, please go to authorized service centre for inspection and repair as soon as possible.

Note: If window position memory setting is lost, it can also be set with remote control one-touch window up function. At this time, window will go down to bottom, then go up to top. Window can be closed normally and setting is successful.

READ

When driving over roads with potholes or uneven surfaces, gravity may affect door system unexpectedly. In this case, window may reverse and go down while rising by one-touch window up function. This is a small probability event and normal.

CAUTION

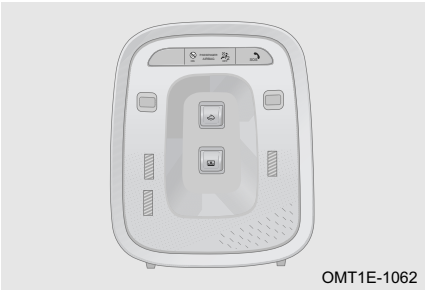
- If battery cable is disconnected and then reconnected, auto window up function and jam protection function will not work.
- Jam protection function is a kind of window safety protection function. Never try to active it repeatedly using various objects, in improper methods or even by intentionally pinching any part of your body. Failure to do so may damage window regulation system mechanism or injure personal accidentally.
- When closing window, even if it is equipped with jam protection function, always keep window close area is clear. Otherwise, if there is a thin object and system cannot sense it, jam protection will not work. If someone's hand or finger is caught, extremely serious injury will be caused.

3-4. Panoramic Moon Roof

Panoramic Moon Roof (If Equipped)

There are many ways to open/close moon roof, such as by moon roof switch, voice recognition and remote control.

Usage methods


OMT1E-1062

■ Opening/closing sunshade

Push " ▤ " switch backward when sunshade is closed, sunshade will slide to middle position. Push " ▤ " switch again, sunshade will slide to fully open position.

Push " ▤ " switch forward when sunshade is fully open, sunshade will slide to middle position. Push " ▤ " switch again, sunshade will slide to fully close position.

■ Tilting up/closing moon roof

Push " ⌃ " switch backward when moon roof is closed, the moon roof will tilt up.

When moon roof tilts up, push " ⌃ " switch forward, moon roof will slide and close.

When moon roof tilts up, push " ▤ " switch forward and close moon roof and sunshade at the same time.

■ Opening/closing moon roof

When moon roof tilts up, push " ⌃ " switch backward and the moon roof will slide open. Push " ⌃ " switch again, the moon roof will slide open to the maximum position.

When moon roof is open, push " ⌃ " switch forward, moon roof will slide and close.

When moon roof is open, push " ▤ " switch forward and close the moon roof and sunshade at the same time.

READ

- For details about voice recognition, refer to "Audio System".
- When you find that there is a false jam protection, please go to authorized service centre for inspection and repair as soon as possible.
- Moon roof switch and sunshade switch are designed in 2 levels, first level: Manually control opening range; second level: Automatically control opening range, please select proper level according to your needs.

⚠ CAUTION

- The moon roof jam protection function fails, initial memory position may be lost, therefore, it is necessary to recalibrate position.
- When moon roof is frozen or covered with snow, forcibly opening moon roof will damage the moon roof glass and the motor.
- If there is water on moon roof after raining, to prevent water from flowing into cab when opening moon roof, always wipe off water or tilt moon roof up to drain the water away before opening it.
- Regularly clean the dust and debris in moon roof rails and strips with water; After vehicle washing or raining, completely wipe the water on the moon roof glass before using.

⚠ WARNING

Before closing moon roof, please take extra care. The vehicle should be seen clearly and make sure that passengers cannot be caught by moon roof.

Moon Roof Remote Control Function

Moon roof remote control open function

While vehicle power is switched to OFF mode and four doors are closed, unlock button on smart key is pressed and hold for a few seconds, sunshade is opened and then moon roof is opened; Press the lock button during opening moon roof, moon roof stops moving.

Moon roof remote control close function

While vehicle power is switched to OFF mode and four doors are closed, lock button on smart key is pressed, vehicle will enter fortifying mode and moon roof closes; Press the lock button during closing moon roof, moon roof stops moving.

Moon Roof Jam Protection Function

Jam protection function

During moon roof glass is closed, it will automatically return under certain resistance. When jam protection occurs in horizontal position, the moon roof glass will return to half open position. When jam protection occurs in vertical position, it will return to tilt up position.

When sunshade runs from half open state to the closed state, it will automatically return under certain resistance.

⚠ WARNING

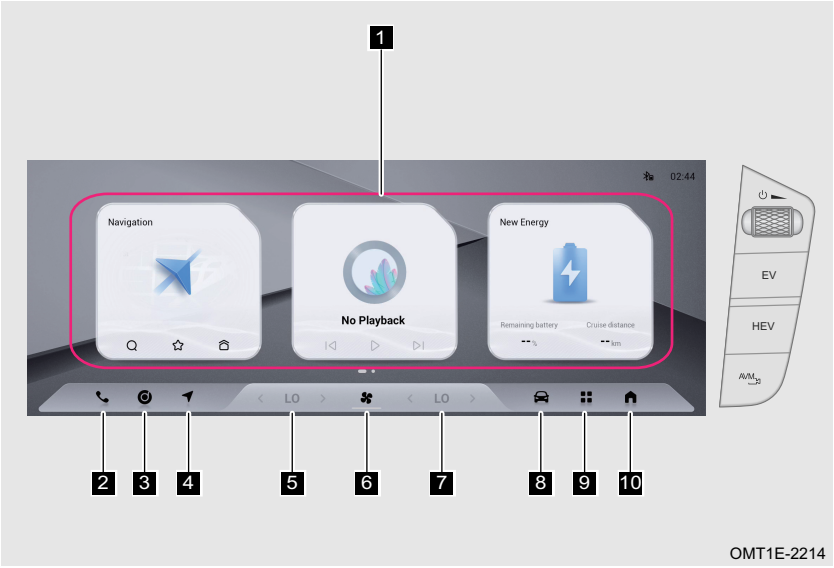
Do not pass body parts or objects through moon roof during opening and closing, even if it is equipped with jam protection function.

Overheat protection function

Do not operate the moon roof frequently in a short time, otherwise the motor will overheat or enter the overheat protection state of the motor. After that, the moon roof will not respond to key action. The overheat protection will be automatically canceled after the motor is cooled.

3-5. Audio System

Audio View



Audio button on auxiliary fascia console

EV/HEV button: With vehicle in READY state, press EV/HEV button to switch the power mode; The corresponding mode indicator on instrument cluster comes on to prompt you that power mode is switched successfully.

AVM Panoramic view monitor button

Click to enter panoramic view monitor system.

Power button/volume adjustment knob

Turn on/off the audio and entertainment system. In case of abnormal operation, the system can be restarted by long pressing the power button. Push upward to increase the volume, push downward to decrease the volume.

Note: Audio main screen displays air conditioning system operation screen by sliding down audio main screen from top.

1 Card interactive interface
Swipe to view and click on the corresponding APP application to enter.

2 Telephone
Click to enter telephone or Bluetooth phone setting screen.

3 Multimedia
Click to enter multimedia screen.

4 Navigation
Click to enter navigation screen.

5 Front passenger temperature adjustment
Click to adjust air conditioning temperature for front passenger.

6 Click to pop up the air conditioning system operation screen.

7 Driver temperature adjustment
Click to adjust the air conditioning temperature for driver.

8 Vehicle setting
Click to enter vehicle setting screen.

9 APP application
Click to enter APP application screen.

10 Home page
Click to return to home page of audio system.

READ

Some models of radio support DAB / RDS function.

Shortcut Menu

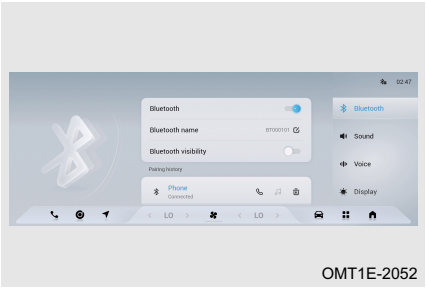


OMT1E-2054

With vehicle powered on, slide down the audio screen to display shortcut menu screen and fault inquiry information.

Bluetooth, Power-off, EPB, Auto Hold, ESP OFF, HDC, AVM, Rader Tone etc., can be set on shortcut menu screen.

Local setting

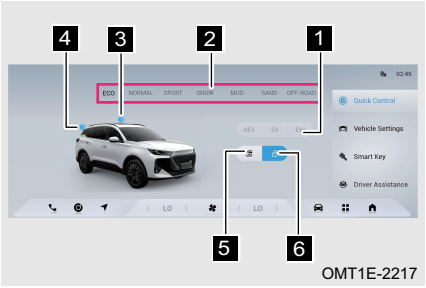


OMT1E-2052

Bluetooth, Wi-Fi, Sound, Voice, Display, System, Device Manage can be set by local setting.

Vehicle setting

Quick control



OMT1E-2217

1 Power mode switching.

2 Driving mode switching.

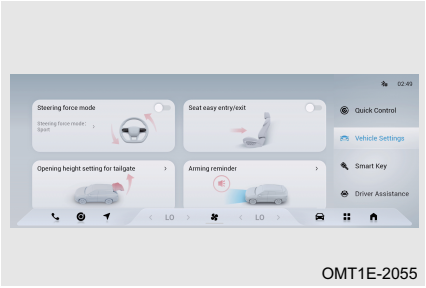
3 Click to enter the moon roof control screen, and click to open/close the moon roof.

4 Click to enter the back door control screen, click to open/close the back door.

5 Passenger side window OFF switch/power child lock switch.

6 Door unlock/lock switch.

Vehicle setting



OMT1E-2055

Steering force linked to driving mode: ON/OFF; Comfort/SPORT can be set when closing.

Seat easy entry/exit (If Equipped): ON/OFF.

Opening height setting of tailgate: Set the opening height of power back door.

Security alarm: Set to light/Lights and horn.

Automatic lock: ON/OFF.

Unlock driver door only: ON/OFF.

Wireless charging for mobile phones: ON/OFF.

Forgotten phone reminder: ON/OFF.

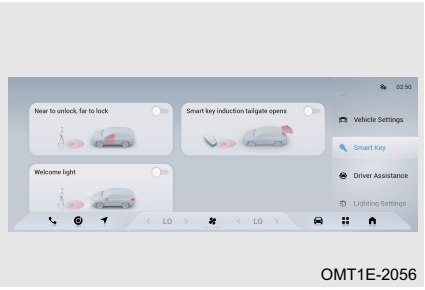
Steering wheel button customization: Set the vehicle settings/Driving recorder capture/Rear-view mirror adjustment/Audio source switching.

Maintenance reminder: ON/OFF.

Maintenance reset: Reset the maintenance mileage / days.

Drive mode memory: ON/OFF.

Smart Key



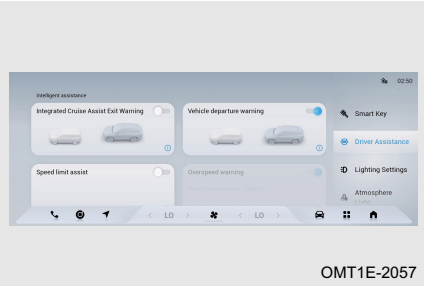
OMT1E-2056

Unlock when approaching and lockwhen leaving: ON/OFF.

Welcome when approaching: ON/OFF.

Smart key induction tailgate opens: ON/OFF

Driver Assistance



OMT1E-2057

[Intelligent assistance]

Integrated Cruise Assist deactivation reminder: ON/OFF.

Speed limit assist: ON/OFF; Overspeed alarm speed limit value can be set when turned off.

Overspeed warning: ON/OFF

Intelligent Speed Control System: ON/OFF.

Intelligent high beam assist: ON/OFF.

Intelligent avoidance system: ON/OFF.

[Security warning]

Forward Collision Warning: ON/OFF; Set the sensitivity.

Automatic emergency braking system: ON/OFF.

Lane departure warning: ON/OFF; Set the sensitivity/alarm mode.

Lane Departure Prevention: ON/OFF.

Emergency lane keeping: ON/OFF.

Door Opening Warning: ON/OFF.

Blind Spot Detection: ON/OFF.

Rear Collision Warning: ON/OFF.

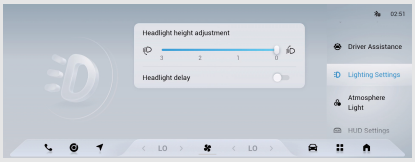
Driver Monitoring System alarm: ON/OFF.

Rear Cross Traffic Assist: ON/OFF.

Brake sensation linked to driving mode:ON/OFF; Set the brake feel mode.

Brake pitch control: ON/OFF; Set the sensitivity.

Lighting settings



OMT1E-2058

Headlight height adjustment: Slide to adjust the headlight leveling.

Headlight delay: ON/OFF.

Ambient light



OMT1E-2062

Ambient light: ON/OFF.

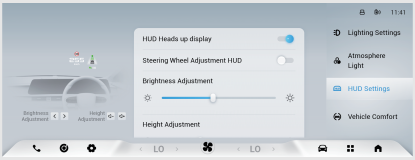
Ambient light brightness: Slide to adjust the ambient light brightness.

Ambient light color: Set the ambient light color.

Ambient light linked drive mode: ON/OFF.

Ambient light music rhythm: ON/OFF.

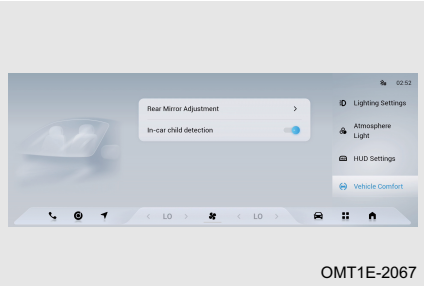
HUD Settings (If Equipped)



OMT1E-2227

HUD heads up display: ON/OFF; Set the steering wheel adjustment HUD on/off, brightness adjustment, height adjustment, snow mode on/off, HUD information display and default value restoring.

Vehicle comfort



OMT1E-2067

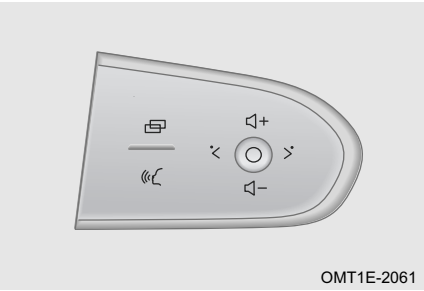
Rear mirror adjustment: Set the outside rear view mirror automatic folding, outside rear view mirror lens adjustment and rear view mirror automatic adjustment at reversing.

In-vehicle Child Presence Detection: ON/OFF.

READ

The setting items are different depending on the configuration of the vehicle. Please refer to the actual vehicle configuration.

Audio Button



OMT1E-2061

Voice recognition button "": Short press to wake up the voice recognition function; Long press to wake up the voice assistant (It is necessary to connect with phone).

Switch button "": Short press to cycle the driving information screens on the instrument cluster.

OK button "○": Short press to pause the playback of music/radio; Long press to reset the mileage in Trip B interface; Long press to switch to the full-screen or half-screen map on the navigation interface.

Volume + button "+": Short press to increase volume.

Volume - button "−": Short press to decrease volume.

Left switching button "": Short press to switch to previous track in music mode; Short press to switch to previous station in radio mode; Hang up while calling.

Right switching button "": Short press to switch to next track in music mode; Short press to switch to next station in radio mode; Answer the call while calling.

Voice Recognition Function

Voice recognition function can be enabled using the following methods when audio system is turned on:

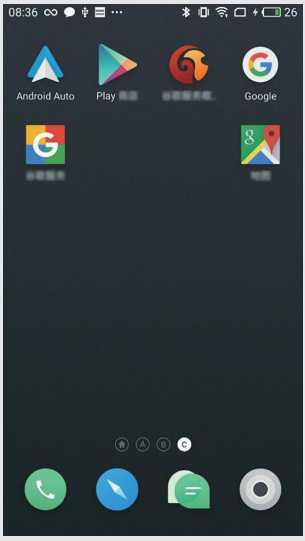
Method 1: Directly say the wake word to enable the voice recognition function.

Method 2: Short press the voice recognition button "" on steering wheel to enable the voice recognition function.

Phone-link

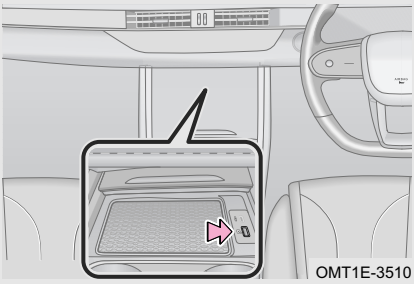
Android Auto (Android)

■ Connecting method



OMT1E-3500

1. Install the Google Framework;
2. Perform the installation in Google Play and run Android Auto, install all supporting softwares according to the system prompt and update the existing program, and then Android Auto can run normal after completing the update;

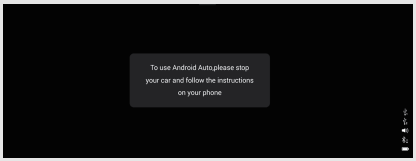


OMT1E-3510

3. Connect USB port and phone using original data cable;

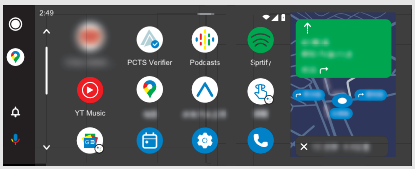
READ

- Only USB port " " supports Android Auto screencast function.
- Before phone-link, please turn on the developer permissions in the phone settings.



OMT1E-3520

4. If this phone is connected to the vehicle for the first time (a prompt will pop up on the head unit, please operate according to the prompt on the mobile phone, stop the vehicle and pull the parking brake), then the first connection setting can be completed;



OMT1E-3530

5. Click "Android Auto" on the head unit APP to enter "Android Auto" mapping interface.

■ Wireless Android Auto connection (if equipped)

Step 1: Turn on wireless Android Auto switch on the phone.

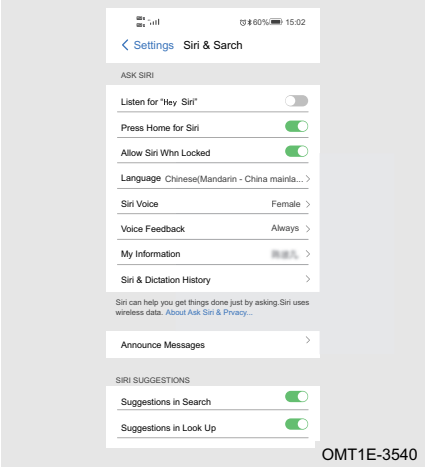
Step 2: Turn on Wi-Fi hotspot on head unit.

Step 3: Perform Bluetooth pairing between head unit and mobile phone.

Step 4: After Bluetooth connection is successful, a reminder to start wireless Android Auto will pop up on head unit, click "START" to complete wireless Android Auto connection.

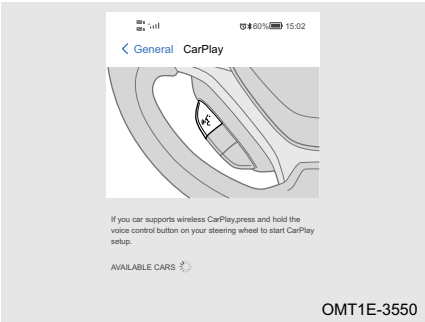
Apple CarPlay (iOS)

■ Connecting method



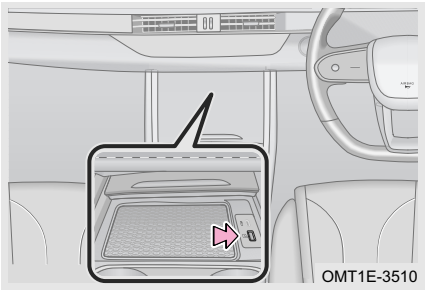
OMT1E-3540

1. Turn Listen for "Hey Siri" and Press Home for Siri to ON on Settings (Siri&search) screen of phone;



OMT1E-3550

2. Turn CarPlay to ON on Settings (General) screen of phone;

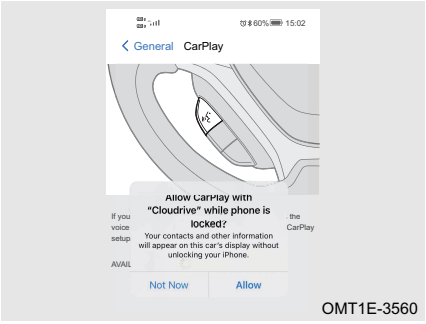


OMT1E-3510

3. Connect USB port and phone using original data cable;

READ

Only USB port " " supports Apple CarPlay screencast function.



OMT1E-3560

4. Select Allow on CarPlay permission request screen;



OMT1E-3570

5. Enter Apple CarPlay screencast screen.

■ Wireless carplay connection (if equipped)

Step 1: Turn on hotspot on Apple phone, audio head unit WIFI interface is connected to phone hotspot.

Step 2: Connect Apple phone to Bluetooth on audio head unit.

Step 3: Select Carplay according to interface that pops up on audio head unit or phone.

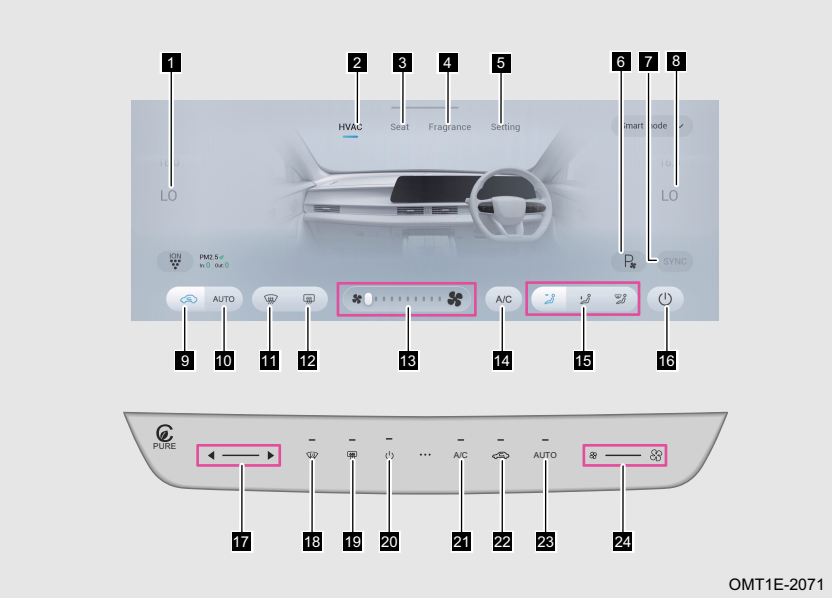
Step 4: Make pairing connection according to pop-up interface on phone; after connection is successfully, audio head unit displays carplay interface.

Step 5: Enter Apple CarPlay screencast screen.

3-6. Air Conditioning System

Air Conditioning System

Front control panel



1 Front passenger temperature adjustment area	2 Air conditioning screen display button	3 Seat screen display button (If Equipped)
4 Fragrance screen display button (If Equipped)	5 Setting screen display button	6 Parking air conditioning (If Equipped)
7 Dual mode button	8 Driver temperature adjustment area	9 Outside/recirculated air mode button
10 AUTO button	11 Defogging and defrosting button	12 Rear defrosting button
13 Airflow volume adjustment area	14 A/C button	15 Mode adjustment button
16 A/C switch button	17 Temperature adjustment area	18 Front windshield defogging and defrosting button

19 Rear defrosting button
20 A/C switch button
21 A/C button
22 Outside/recirculated air mode button
23 AUTO button
24 Airflow volume adjustment area

Temperature adjustment

The A/C temperature can be adjusted by operating the temperature adjustment button on air conditioning control panel or the temperature adjustment soft button on display.

Airflow volume adjustment

The A/C airflow volume can be adjusted by operating the airflow volume adjustment button on air conditioning control panel or the airflow volume adjustment soft button on display.

A/C switch button

Click A/C switch button to realize on/off of air conditioning system.

A/C button

Click A/C button to realize air conditioning cooling (air conditioning compressor starts to operate).

Dual mode button

Click the dual mode button to switch between single mode/dual mode (Air conditioning temperature of driver/front passenger can be adjusted separately).

READ
System will memorize the user's operation before head unit is turned off last time by default when turning on head unit.

Mode adjustment button

The mode can be adjusted by operating the mode adjustment button on air conditioning control panel or the soft button on display (defrosting mode, face mode and foot mode can be combined, and face mode and defrosting mode cannot be combined).

"" defrosting mode: It can adjust airflow blowing out from defroster outlet.

" " face mode: It can adjust airflow blowing out from center and face outlets on both sides.

"" foot mode: It can adjust airflow blowing out from foot outlet.

READ
If windshield glass become fogged-up during driving, defrosting mode is recommended. For details, refer to Front Windshield Defogging and Defrosting Button.

Outside/recirculated air mode button

The outside/recirculated air mode can be switched by clicking the outside/recirculated air mode button.

■ Use the recirculated air mode under following conditions:

1. In dusty environment.
2. To quickly cool the air in the vehicle.
3. Keep out smells from exterior.
4. To prevent outside exhaust gas from entering vehicle.

AUTO button

Click AUTO button to realize on/off of automatic mode.

■ System remains in automatic mode under following conditions:

1. Click AUTO button in automatic mode, and system does not exit the automatic mode.
2. In automatic mode, outside/recirculated air mode switches and the outside/recirculated function exits from the automatic control, and other functions are still in the automatic mode.
3. When operating A/C button or mode adjustment button, adjusting air volume or temperature to LOW/HI in automatic mode, the corresponding function will exit the automatic mode, however, other functions will still in automatic mode.

Air purification button

Click air purification button to turn on (inside/outside PM2.5 value is displayed on audio head unit)/off the air purification function.

■ Air purification function turns off automatically under the following conditions:

1. Outside/recirculated air mode switches.
2. Airflow volume is adjusted to OFF.
3. Temperature is adjusted to LOW/HI.
4. Front windshield defogging and defrosting function is turned on.

READ

- The air purification function effect in winter is not obvious due to low ambient temperature.
- When the air purification function is turned on, the outside/recirculated air mode is switched, and air volume and mode may change.
- Turn on air purification function to ensure that the vehicle is not fogged, the response method of automatic A/C in summer, winter, spring and autumn is not exactly the same, but purification effect can be achieved.
- Air purification function is inoperative and the button is deactivated in following conditions:
  - Air purification function cannot be turned on when temperature conditions are not met.
  - Air purification function cannot be turned on when front windshield defogging and defrosting function is turned on.
  - When the wiper is turned on (in high speed or low speed), air purification function cannot be turned on after 20 seconds.

Front windshield defogging and defrosting button

After vehicle is started, click front windshield defogging and defrosting button to turn on (adjust airflow to make most of it blow to front windshield and small amount of it blow to side window) /off front windshield defogging and defrosting function.

When the airflow volume is turned on, operate front windshield defogging and defrosting button to turn on outside air mode and air conditioning compressor forcibly.

READ

- If the A/C fails to cool, the defogging effect will be affected. Please go to authorized service centre for inspection and repair as soon as possible.
- When defogging in humid climate (such as rain and snow), please keep A/C on. If A/C is off, the defogging effect will be affected.
- When defogging in humid climate (such as rain and snow), please keep in outside air mode. If recirculated air mode is selected, the defogging effect will be affected.
- After defrosting or defogging, adjust mode and airflow volume to proper position to improve comfort in vehicle.
- When defogging in winter, please keep in outside air mode. To adjust to the direction of partial heat, make air outlets on both sides of the instrument panel face the both sides of windows; when outside temperature is above 0℃, A/C auxiliary defogging is needed.

⚠ CAUTION

- For driving safety, please use the defogging function correctly.
- Do not use recirculated air mode for a long time in winter, otherwise the front windshield will be fogged up quickly.
- Poor glass visibility will increase the risk of traffic accidents and personal injury. Therefore, it is very important for traffic safety to ensure a good visibility during driving.

Rear defrosting button

After vehicle is started, click rear defrosting button to turn on/off rear windshield/outside rear view mirror defrosting function.

The rear windshield/outside rear view mirror defrosting function will turn off automatically after operating for about 20 minutes.

⚠ CAUTION

- The outside rear view mirror defrosting function is not a standard configuration. Please refer to the actual vehicle configuration.
- Do not scratch or damage the heater wires when cleaning the rear windshield/outside rear view mirror.
- When the battery is low, the rear windshield/outside rear view mirror defrosting function may not be turned on to ensure the normal starting of vehicle.
- Make sure that the defrosting function of rear windshield/outside rear view mirror is turned off after defogging or defrosting the rear windshield/outside rear view mirror surface.

⚠ WARNING

To prevent burning yourself, do not touch the rear windshield/outside rear view mirror when the defrosting function of rear windshield/outside rear view mirror is operating or immediately after being turned off.

Parking air conditioning (If Equipped)

To activate it, the vehicle must be in the P gear, with the batterylevel above 20% and the power mode in EV.

Air Conditioning Heating Operation

After vehicle is started, operate the air conditioning panel and audio head unit temperature adjustment area and air volume adjustment area; it is recommended to adjust mode to foot mode and turn off refrigeration system (A/C indicator turns off, and air conditioning compressor stops operating) or set the temperature at 22° C or higher, click AUTO button to heat A/C automatically to reach a comfortable temperature.

Air Conditioning Cooling Operation

Front A/C refrigeration

After vehicle is started, click AUTO button and set A/C temperature to 22°C, then system automatically controls operation of mode, air volume, outside/recirculated air mode and refrigeration system.

READ

- Dirt and blockage in the surface of air conditioning condenser may cause poor cooling effect, please keep condenser clean.
- When air cools down quickly in hot and humid conditions, the fog may be seen from outlet, which is a normal physical phenomenon.
- When the temperature is low, such as in winter, the A/C compressor may not be started even if indicator comes on after operating A/C button.
- After the A/C system cooling operation, some water may drip from the air conditioning drain pipe and form a pool under vehicle, which is normal.
- After temperature in vehicle decreases to a lower temperature, compressor will turn off automatically to reduce the influence on power of power system and fuel consumption, this is normal.
- Refrigerant filled in air conditioning system will decrease over time, if you feel that the refrigeration effect of air conditioning becomes poor, please go to a authorized service centre for inspection and repair in time.

READ

- It is recommended to turn on the air conditioning refrigeration system for 5 minutes or more every month and open the window simultaneously, which will be helpful to prevent air conditioning system damage due to lack of lubricant, and also prevent evaporator odor due to moist and germs.
- During sudden acceleration, overtaking and climbing, power system needs more power for compensation. At this time, if the air conditioning is operating, the compressor may be turned off automatically, if it does not turn off automatically and you feel it is lack of power, it is recommended to turn off air conditioning.
- If air conditioning is on and vehicle is continually climbing long slopes, or is in heavy slow moving traffic for a prolonged period, the engine may become overheated. Please observe the high coolant temperature warning indicator. If engine overheats, it is recommended to drive vehicle to a safe area and stop it, turn off A/C and let vehicle idle for several minutes, then check if high coolant temperature warning indicator goes off. If not, please go to authorized service centre for inspection and repair immediately.

⚠ WARNING

- To extend service life of air conditioning system, do not use the air conditioning for a long time with low speed when performing air conditioning cooling.
- It is forbidden to repair air conditioning system by yourself, as the high pressure refrigerant in air conditioning system is harmful to human. It is necessary to go to authorized service centre for inspection and repair.
- Please purchase special refrigerant and compressor lubricant at the authorized service centre, or air conditioning system damages sustained by this are not under warranty.
- In hot weather, the temperature in closed vehicle will quickly increase due to sunshine, this may cause personal or animal injury or even death, especially for infants and very young children.

Air Outlets Airflow Control

Center outlets

Move center outlet adjustment lever up and down, left and right by hand to adjust direction of airflow.

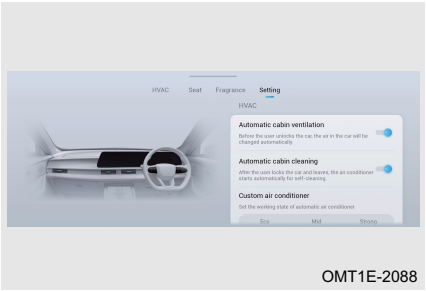
Side outlets

Move left/right side outlet adjustment lever up and down, left and right by hand to adjust direction of airflow.

Armrest outlets

Move armrest box outlet adjustment lever up and down, left and right by hand to adjust direction of airflow.

A/C Setting



OMT1E-2088

Turn vehicle power to ON mode, and the following functions can be set in A/C setting screen.

Automatic cabin ventilation: Before the user unlocks the car, the air in the car.

Automatic cabin cleaning: When detecting the risk of fogging in the car, the air conditioner will automatically turn on the defogging.

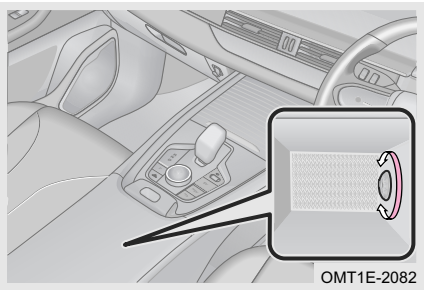
Custom air conditioner: Set to Low/Mid/High.

Automatic air purification operation: A/C purification system automatically operates when high PM2.5 concentration in vehicle is detected. Air Quality System (AQS) will automatically turn on the recirculated air mode when it

detects decline of outside air quality level. When the air quality returns to an appropriate level, the recirculated air mode turns off automatically; AQS is not designed to detect odorous gases.

Automatic defogging: When detecting the risk of fogging in the car, the air conditioner starts automatically for self — cleaning.

Cooling Function of Armrest Box on Auxiliary Fascia Console (If Equipped)



OMT1E-2082

Place the required refrigerated items (such as canned drinks) in armrest box on auxiliary fascia console, A/C mode includes face mode, face/foot mode, and perform A/C cooling operation. Rotate the internal knob of the armrest box counterclockwise to refrigerate the required refrigerated items.

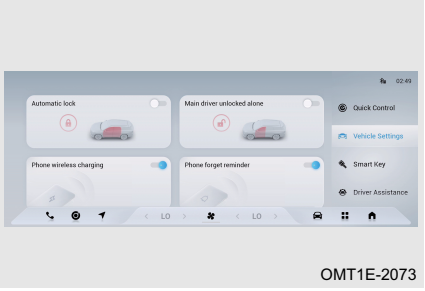
⚠ WARNING

Armrest box on auxiliary fascia console can not be closed if the refrigerated items is oversize. The opening armrest box may hinder the driver's arm movement to prevent injury.

3-7. Wireless Charging

Wireless Charging

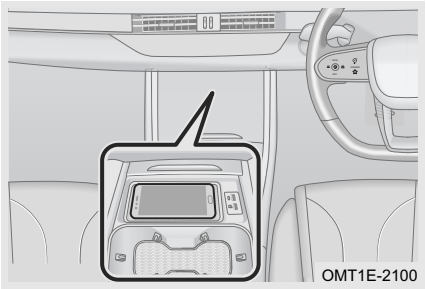
Wireless charging uses electromagnetic induction technology conveniently and safely to allow for a better experience while driving.



OMT1E-2073

Turn vehicle power to ON mode, turn on wireless charging through Audio System - Vehicle Setting - Vehicle Settings.

Usage methods


OMT1E-2100

While vehicle power is switched to ON mode, the wireless charging starts to work after putting the mobile phone in wireless charging sensing area, and the audio head unit displays " "; the audio head unit displays " " after charging is completed.

■ In the following conditions, the wireless charging may not work properly:

1. The mobile phone cannot be charged if the back of phone is more than 8mm away from wireless charging sensing area.
2. The mobile phone cannot be charged if the back of the phone has thick metal (such as coin, metal mobile phone shell), and audio head unit displays " ".
3. When the surface temperature of wireless charging sensing area is more than 65° C due to sun exposure, the wireless charging module will trigger self-protection and the mobile phone cannot be charged.

READ

- Wireless charging function supports fast charging for some phones (50W).
- Wireless charging function only supports mobile phones with wireless charging function.
- Please put the mobile phone in the center of the mobile phone slot. If you accelerate, decelerate or turn sharply during driving, the mobile phone will shake, which may affect the charging efficiency and stability.

CAUTION

- In the process of normal use of the vehicle, there will be a temporary charging shielding, so that vehicle may identify the smart key.
- If your mobile phone does not support the wireless charging function, it is recommended that do not use the wireless charging patch. The quality of the wireless charging patch in the market is uneven, and damage may be caused if using frequently (such as function failure, poor interface contact, metal foreign object recognition failure).

Phone forgetting reminder function

Turn vehicle power to ON mode, turn on forget reminder through Audio System - Vehicle Setting - Vehicle Settings.

With vehicle power turned to OFF mode, if you open the driver door with the mobile phone left in wireless charging sensing area, it will sound an alarm: "-Smart device is still in vehicle".

3-8. Storage Space

Storage Space

Glasses box

Glasses box is near front interior light closely. It can be used to store glasses or other small items.

Door storage boxes

Storage boxes on front and the second row doors can be used for storing maps, cups and others items.

Glove box

Glove box is used to store map, instructions and other items.

⚠ WARNING
Before driving, make sure that the glove box is closed in place. Otherwise in case of emergency braking or emergency steering, it may cause accidents and serious injury or even death.

Armrest box on auxiliary fascia console

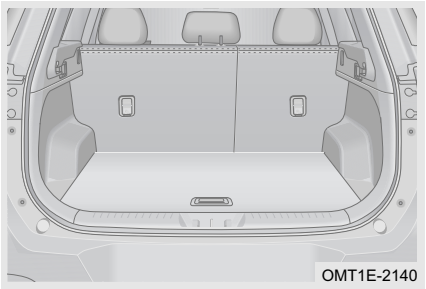
Armrest box on auxiliary fascia console is used to store maps, instructions and other items.

⚠ WARNING
• Adults or children are not allowed to sit on the armrest box on auxiliary fascia console. • Armrest box on auxiliary fascia console must be closed when the vehicle is running, and the opening armrest box on auxiliary fascia console may hinder the driver's arm movement to prevent injury.

Seat storage bag

Front seatbacks are both equipped with storage bags on backside, which are used to store documents, instruction etc.

Luggage compartment


OMT1E-2140

To enlarge space for stowing luggage, the rear seats can be folded when no passenger in seats, for details, refer to "Seats".

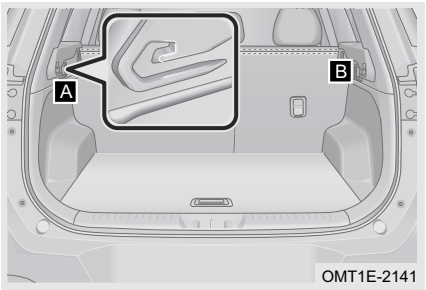
■ When stowing luggage in the vehicle, observe the following precautions

1. Be careful to keep the vehicle balanced.
2. For better fuel economy, do not stow unneeded items.
3. Make sure that the stowing items are not oversized to prevent the back door from closing properly.

⚠ WARNING

- Do not drive the vehicle with the back door open or not closed, to prevent items from being thrown out to cause personal injury.
- Do not allow anyone to sit in the luggage compartment. The passengers should sit in their seats with their seat belts properly fastened. Otherwise, they may be seriously injured in event of sudden braking or a collision.
- Do not stack goods or luggage higher than seatback. Keep them low, as close to the floor as possible to prevent them sliding forward in event of braking, causing personal injury.

Luggage Curtain (If Equipped)



OMT1E-2141

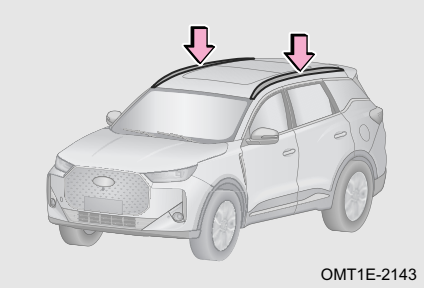
Pull the luggage curtain to the slots of point A and point B to secure it, and confirm if it is secured properly.

READ

Do not place any object on luggage curtain, otherwise, it may result in luggage curtain damage.

Carrier

Carrier



Roof carrier is used for loading cargo, load is 75 kg. Be sure that the total weight of the loading cargo on the carrier or loading tool (such as luggage compartment, cross rod) does not exceed 75 kg. Overweight will cause carrier, moon roof glass, body roof and other components damaged, the various problems caused by overweight are not within the warranty.

⚠ CAUTION

- Loading long or wide cargoes do not exceed overall length or width of the vehicle.
- Before driving, make sure the cargo is securely attached to the roof carrier. Blankets or other protection items can be placed between the cargo and the roof. Be careful not to scratch the roof surface.

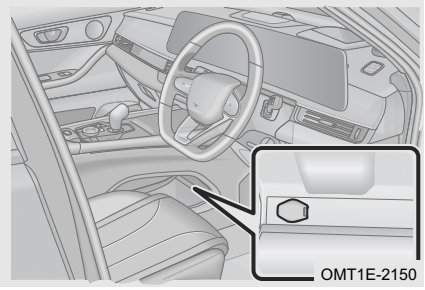
⚠ WARNING

- Apply loads evenly. Improper loading may cause deterioration of steering or braking control, which may cause death or serious injury.
- Loading cargo on carrier will raise the vehicle center of gravity. Avoid high speeds, sudden starts, sharp turns, sudden braking or abrupt maneuvers, otherwise it may result in loss of control or vehicle rollover due to failure to operate vehicle.

3-9. Power Outlet

Power Outlet

■ Front Power Outlet



Front power outlet is located on the front end of auxiliary fascia console.

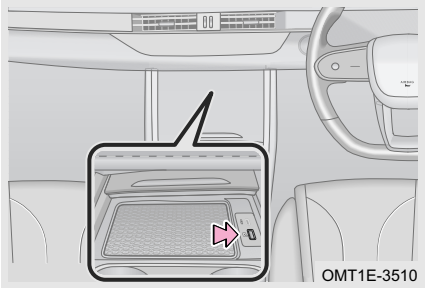
Power outlet can be used only when vehicle power is switched to ACC/ON mode.

⚠ CAUTION

- To prevent the fuse from being blown, do not use electrical equipment with high power (120W or more).
- To prevent the battery from discharging, do not use the power outlet longer than necessary when the engine is not running.
- Do not insert anything or allow any liquid to get into the outlet other than an appropriate plug. Failure to do so may cause electrical failure or short circuits.

3-10. USB Port

Front USB Port

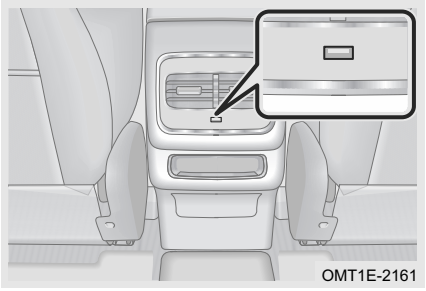

OMT1E-3510

Front USB port is located on the front end of auxiliary fascia console (as shown in the illustration).

Type-A port: It can be used for reading U disc, phone connect and charging the electrical equipment with low power, such as phone etc.

Type-C port: It can be used for charging the electrical equipment with low power, such as phone etc.

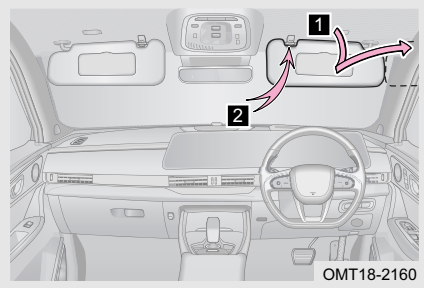
Rear USB Port


OMT1E-2161

Rear USB port is located under the rear air outlet of center armrest box and used for charging the electrical equipment with low power, such as phone etc.

3-11. Sun Visors and Vanity Mirrors

Sun Visors and Vanity Mirrors



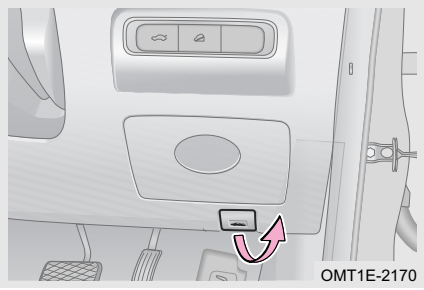
Horizontally move the vanity mirror sliding plate to use the vanity mirror. For vehicle equipped with vanity mirror light, the corresponding vanity mirror light will come on when moving the vanity mirror sliding plate.

1 Flip the sun visor down.

2 Detach the hook and turn it outward to shade sidelight.

3-12. Hood

Opening/Closing Hood



Step 1: The hood will spring up slightly when the hood release lever is pulled twice;

Step 2: Lift the hood up and lift and support the hood under action of the air spring;

Step 3: Lower the hood and close it until the latch is locked;

Step 4: After closing the hood, lift the hood lightly to check that hood is fully closed.

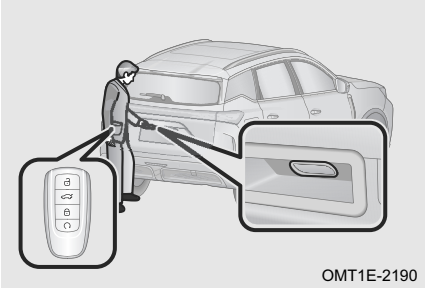
⚠ CAUTION

- Before closing the hood, check if you have not left any tools, rags etc. in the engine compartment.
- When closing hood, do not press it by hand, otherwise it may be deformed.
- Make sure that hood is closed before driving, otherwise accidents and personal injury may occur.

3-13. Back Door

Manual Back Door

Opening/closing back door

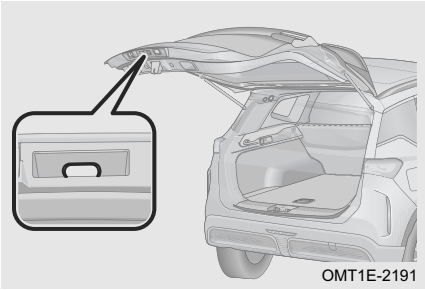

OMT1E-2190

Method 1: With central lock unlocked, approach to back of vehicle, press back door exterior switch and lift up to open back door.

Method 2: With central lock locked, approach to back of vehicle when carrying smart key, press back door exterior switch and lift up to open back door.

READ

When the vehicle power is turned to ACC/ON mode and the central control lock is locked, please first unlock the central control lock and then open it with back door exterior switch.


OMT1E-2191

Pull the back door assist handle down and release it before the back door is fully closed. Make sure the back door is fully closed before leaving the vehicle.

WARNING

Make sure that the back door is closed before driving, otherwise, it may result accidents and related parts may be damaged.

Power Back Door (If Equipped)

For your convenience, power back door can be opened/closed in various ways (such as driver door switch, back door exterior switch, back door interior switch, smart key remote control, smart key sensing opening, voice recognition, remote control), also achieve height adjustment function, let you fully feel the convenience of power back door.

Smart key remote control

While vehicle power is switched to OFF mode, long press back door opener button on smart key and power back door will be opened/closed.

Driver door switch

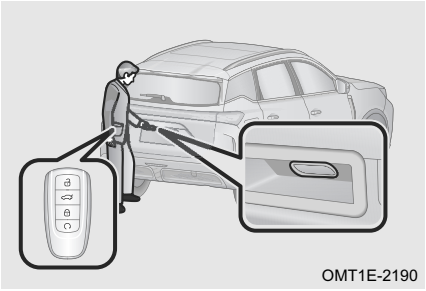


OMT1E-2200

With central control lock unlocked, long press " " switch, turn signal lights will come on and power back door will be opened/closed.

When the power back door is moving, press " " switch to suspend the action of the power back door.

Back door exterior switch



OMT1E-2190

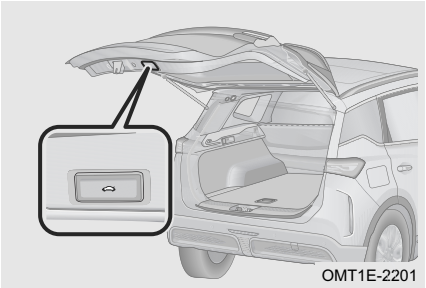
Method 1: With central control lock unlocked, approach to back of vehicle and press back door exterior switch, turn signal lights will come on and power back door will be opened/closed.

Method 2: With central lock locked, approach to back of vehicle when carrying smart key and press back door exterior switch, turn signal lights will come on and power back door will be opened/closed.

READ

- When the vehicle power is turned to ACC/ON mode and the central control lock is locked, please first unlock the central control lock and then open it with back door exterior switch.
- When luggage compartment is opened, luggage compartment light will turn on automatically. When luggage compartment is closed, luggage compartment light will turn off immediately.

Back door interior switch



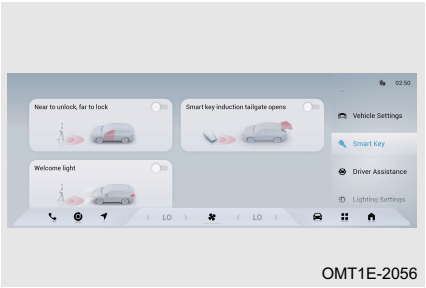
OMT1E-2201

When the power back door opens, press " " switch to close the power back door.

When the power back door is moving, press " " switch to suspend the action of the power back door.

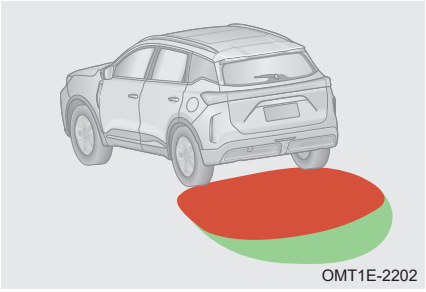
After the power back door is opened, adjust it to your desire height; long press " " switch until the vehicle gives a light prompt, and the power back door opening height is set successfully.

Smart key sensing (If Equipped)



OMT1E-2056

Turn vehicle power to ON mode. Turn on smart key sensing back door through Audio System - Vehicle Setting - Smart Key.



OMT1E-2202

Carrying smart key on your person, enter red zone and wait until turn signal lights flash, step backward (do not exit from green zone), the power back door will automatically open.

Power back door jam protection function

Positive jam protection: When power back door is opening, if it encounters resistance (such as wall, obstacle), the back door positive jam protection works to avoid vehicle damage.

Reverse jam protection: When power back door is closing, if it encounters resistance (such as children, luggage), the back door reverse jam protection works to avoid child injury and vehicle damage.

READ

- For details about voice recognition, refer to "Audio System".
- For details about remote control, refer to "Remote Control System".
- Smart key sensing back door open needs to be set in audio system, for details, refer to "Audio System".
- Power back door opening height can also be set in audio system, for details, refer to "Audio System".
- If the back door opening height is too low or too high, the back door opening height cannot be set.
- Smart key sensing back door open function is turned off after the vehicle is locked for 3 days, restarting the engine will restore the function.
- Do not put smart key together with computer, cordless mouse, phone, etc. failure to do so may cause the power back door cannot sense open/close.
- When any switch (such as power back door switch, power back door button, back door open button) is activated during the movement of the power back door, the back door will stop moving.
- Heavy rain, heavy snow, high-pressure car washing, serious dirt on the rear bumper and traction device at the rear of vehicle may decrease the sensitivity of kick sensor, which is normal.

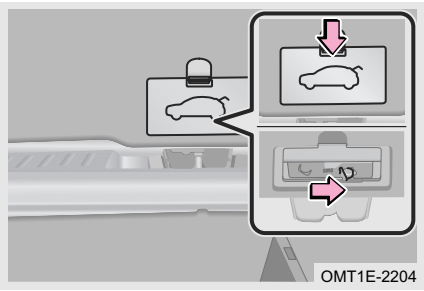
⚠ CAUTION

- When the power back door is abnormal, please go to authorized service centre for inspection and repair as soon as possible.
- When the power back door opens, do not pull electric support rod laterally, which may cause damage to related parts.
- Before driving, make sure that back door is closed in place, otherwise it may cause accidents and damage to related parts.
- Before opening power back door, be sure to note that there should be no debris, rear wall, etc. in the opening range, which could result in scratching back door.
- When closing the back door, make sure that nobody will be caught. If closing is interrupted, close it again.
- When the power back door is opened to the highest position, it cannot be pushed or supported by hand to higher place, which may cause damage to related parts.
- When closing power back door by hand, operate gently, do not operate with brute force, which may damage motor and module.
- When going uphill or downhill, due to change in the center of gravity, the power back door may not open or close. This is normal. Open or close it by hand.
- If the battery cable is disconnected and reconnected, the power back door needs to be manually closed to locked position at a constant speed, and then press the power back door switch to open/close the power back door normally.

⚠ WARNING

- Make sure that the back door is closed before driving, otherwise, it may result accidents and related parts may be damaged.
- Although the power back door is equipped with jam protection function, do not activate jam protection function on purpose to avoid accidental injury.

Back Door Emergency Opening



Back door cannot be opened when battery is depleted or under similar conditions. In this case, the back door can be opened with back door emergency device switch (stop the vehicle steadily as much as possible).

Step 1: Fold the rear seatback;

Step 2: Get in the rear of vehicle and open emergency device cover;

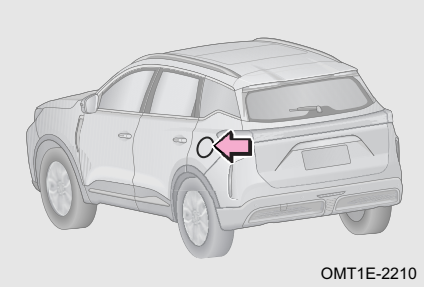
Step 3: Move the emergency device switch to right with hand, release it, and then push the back door to open it.

3-14. Fuel Tank Cap

Electric Fuel Tank Cap

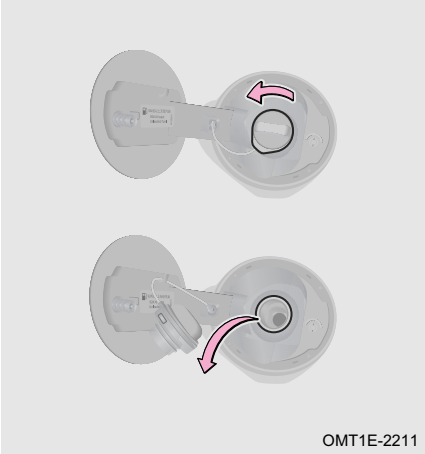


Step 1: The vehicle is parked, long press " ⛽ " button and instrument cluster displays "It is ready to refuel, please refuel" message, and fuel tank cap unlocks after the pressure relief is completed;



Step 2: When the fuel cap is unlocked, the fuel tank cap will pop up outward while pressing it;

⚠ CAUTION
Open/close fuel tank cap after the vehicle fortifying is deactivated, otherwise, it may cause damage related components of fuel tank cap.


OMT1E-2211

Step 3: Turn fuel filler cap counterclockwise to remove it;

Step 4: After refueling, turn fuel filler cap clockwise until a "click" sound is heard.

Step 5: Turn fuel tank cap to correct position and press to close it.

READ

Fuel may pollute environment. Therefore, the sprayed fuel should be collected and disposed by a professional.

CAUTION

- Never add diesel to fuel tank.
- After fuel filler cap is tightened firmly, loose your hand and the cap will turn slightly in the opposite direction. This is normal.
- To prevent damage to the cap, apply force only in the direction of rotation. Do not pull or pry it.
- A slight whooshing sound may be heard when the fuel tank cap is loosened which is normal.
- When freezing at low temperature, after the vehicle fortifying is deactivated, tap fuel tank cap and then fuel tank cap opens. It is normal phenomenon.
- If fuel overflows during refueling, wipe it off immediately to avoid damage to vehicle paint surface.
- During driving, if fuel tank cap is not closed, drive vehicle to a safe area and stop it, then close the cap again.
- If the vehicle fortifying is not deactivated, never push fuel tank cap with a strong force as this may cause damage related components of fuel tank cap.

⚠ WARNING

- Before refueling, power off the vehicle and close all doors and windows.
- Do not inhale vaporized fuel, as the fuel contains substances that are harmful for the health.
- Make sure that the fuel filler cap is tightened securely to prevent fuel spillage, causing an accident.
- Because gasoline is extremely flammable, smoking is prohibited when refueling, and there must be no other sparks or open flames.
- Do not remove the fuel filler cap quickly when opening it. In hot weather, if cap is removed suddenly, high-pressed fuel vapor may be ejected from the filler neck and cause personal injury.
- After exiting the vehicle and before opening the fuel tank cap, touch an unpainted metal surface to discharge any static electricity. It is important to discharge static electricity before refueling because sparks resulting from static electricity can cause fuel vapors to ignite while refueling.
- Do not attempt to continue to refuel after the fuel gun is automatically turned off! Otherwise, the fuel tank may be too full, causing fuel to overflow the fuel tank, which can easily cause fire, explosion and serious injury.

DRIVING VEHICLE

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4-5. Airbag (SRS)

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4-1. Starting Vehicle

Before Starting Vehicle

1. Check around the vehicle before getting in;
2. Adjust seat position, seatback angle, head restraint height and steering wheel angle;
3. Adjust angle of the inside and outside rear view mirrors;
4. Fasten the seat belts;
5. Confirm that the parking brake is applied and gear position is in P;
6. With vehicle powered on, check if malfunction indicator and other indicators on meter are normal; if they are abnormal, please contact authorized service centre for inspection and repair immediately;
7. Carry smart key on your person or put it in vehicle, so that it can be detected normally; Depress brake pedal to start vehicle, and “READY” green indicator on instrument cluster remains on.

Vehicle Power-on

Normal power-on

Unlock the vehicle, open the driver door, and the vehicle is automatically powered on.

READ

The vehicle is equipped with an alcohol lock device interface, which can be purchased and installed locally according to the territory and customer needs.

CAUTION

After vehicle is powered on, do not use electrical appliances of vehicle for a long period of time. When low battery is prompted, charge in time or use engine to charge by starting vehicle, otherwise the vehicle may not start due to power battery loss. When vehicle fails to start due to serious loss of power battery, it can be restarted by connecting the charging gun for charging. If it still cannot be started, please contact authorized service centre.

Normal starting

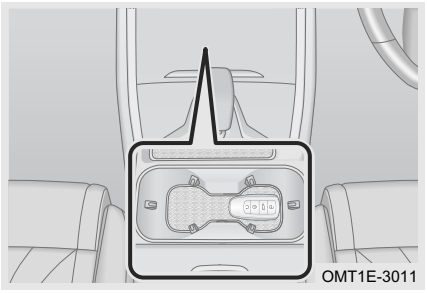
With vehicle powered on, carry the smart key on your person and enter the vehicle, depress brake pedal to start vehicle, and "READY" green indicator on instrument cluster remains on.

READ

When vehicle is in READY state, the motor is silent, make sure that the shift lever is shifted to P before leaving or locking vehicle.

Starting in emergency

When smart key battery is low or signal is seriously interfered, the vehicle cannot be started. Start according to following steps:


OMT1E-3011

Lay smart key in auxiliary fascia console storage box with front side facing up (as shown in figure), depressbrake pedal to start vehicle, and " READY " green indicator on instrument cluster remains on.

⚠ CAUTION

- Avoid engine idling for a long time as much as possible.
- When the vehicle is started, do not depress accelerator pedal when vehicle is started in any situations.
- Do not run cold engine at high speed or under high load (It is normal that the engine runs at high speed when the power battery of vehicle is depleted and vehicle is started in Sport mode).

⚠ WARNING

- It is recommended to allow engine to idle for a short time or drive at low speed for a certain distance after running engine at high speed or under high load for a long time.
- Do not touch high temperature components (such as engine, exhaust pipe, radiator) immediately after engine has just stopped, otherwise, burns may occur.
- It is forbidden to park on dry leaves, hay or other flammable materials or allow the vehicle to idle for a long time. When engine is running or the vehicle is just stopped, high temperature of exhaust pipe may cause fire.
- Slow down as much as possible before turning off power forcibly, the power assist of brake and steering wheel will lose, resulting in more effort when depressing brake pedal and heavier when turning steering wheel, otherwise it may cause personal injuries.

Vehicle Power-off

Normal power-off

Method 1: With vehicle powered on, driver seat not occupied, four doors closed, and gear position in P, perform vehicle locking operation, and the vehicle is powered off.

Method 2: With vehicle in READY state, driver door open, driver seat not occupied, gear position in P, turn the vehicle to power-on state, close the four doors, and perform vehicle locking operation, the vehicle is powered off.

Power-off switch

When the vehicle is in a stationary state for a long time, perform power-off through the vehicle power-off switch in the head unit display to reduce the loss of vehicle energy consumption.



OMT1E-3012

When the vehicle is in a stationary state and the shift position is in P/N, press the vehicle power-off switch and confirm to turn off power supply of the vehicle according to the hints on head unit, the vehicle is powered off.

Automatic power-off

With vehicle powered on, driver seat not occupied, four doors closed, and gear position in P, the vehicle is powered off automatically after parking for about 90 minutes.

> ⚠ CAUTION
>
> After the vehicle is stopped, the driver should always make the gear position in the P position through the P button before getting off, and then open the door and get off after determining the completion of the parking to prevent the vehicle from accidentally sliding.

> ⚠ WARNING
>
> - Do not touch high temperature components (such as engine, exhaust pipe, radiator) immediately after engine has just stopped, otherwise, burns may occur.
> - It is forbidden to park on dry leaves, hay or other flammable materials or allow the vehicle to idle for a long time. When engine is running or the vehicle is just stopped, high temperature of exhaust pipe may cause fire.

Engine Self-maintenance

In order to keep the engine in good condition for a long period of time without use, the engine will automatically run for a few minutes at preset intervals. Corresponding reminder "Engine enters auto maintenance mode" will display on instrument cluster, and it disappears automatically after 5 seconds.

READ

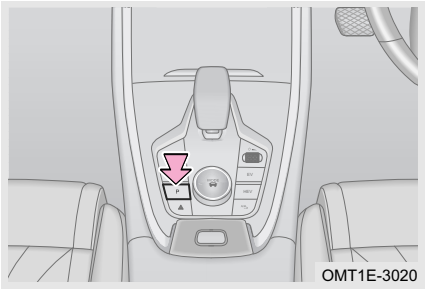
Do not stall the engine during engine auto maintenance. Auto maintenance will not be possible when fuel level is too low.

4-2. Transmission

Automatic Transmission

Automatic transmission

The automatic transmission belongs to the electronically controlled automatic transmission with manual and automatic shifting modes.



Operation method

Step 1: Depress the brake pedal completely, then shift the shift lever from P to D;

Step 2: Release the parking brake manually or automatically and release the brake pedal to drive the vehicle slowly.

READ

Press P button on shift lever to shift to P. Push the shift lever forward and backward to shift to other positions (R, N, D).

Gear position introduction

The following information will help you understand purpose and operation procedures of different gears to make a right choice according to actual demand during operation.

Gear Range	Function
P (Park) position	This is park position. Drive wheels are mechanically locked. Engine can be started.
R (Reverse) position	This is a R position. Back-up lights will come on and parking assist system will operate.
N (Neutral) position	This is a neutral position. It is used for short time idling stop.
D (Forward Driving) position	This is a forward driving gear. Automatically shifts up and down among forward drive gears according to engine load and vehicle speed.

⚠ CAUTION

- Never use P instead of parking brake.
- Do not coast vehicle in N. Otherwise, the transmission will be damaged.
- Never shift to P when the vehicle is not stopped steadily. This may lead to abnormal sound or damage to the transmission.
- Do not shift the shift position out of D while the vehicle is moving forward. Otherwise, the transmission may be damaged.
- Do not shift the shift position out of R while the vehicle is moving backward. Otherwise, the transmission may be damaged.
- When vehicle malfunctions due to insufficient battery, even depressing brake pedal, shifting to other position from P is impossible. Please contact authorized service centre for inspection and repair as soon as possible.
- When vehicle speed reaches a certain speed, shift position can not be shifted between D and R by operating column shift. The purpose is to ensure your driving safety. Please feel free to use it.

⚠ WARNING

- Do not tow the vehicle for a long distance or at a high speed. For detailed information about vehicle towing, refer to "Vehicle Towing".
- When the shift position is in N, make sure the parking brake is applied or the brake pedal is depressed, otherwise an accident may occur.

Fail-safe mode

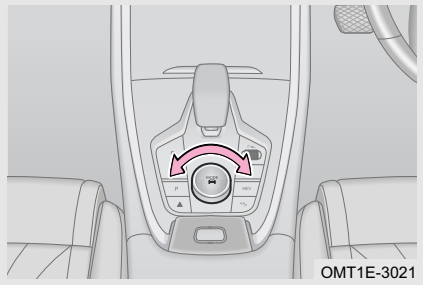
When malfunction occurs in transmission system, fail-safe mode will be automatically activated, at the same time yellow indicator "" on instrument cluster comes on; transmission cannot operate normally, and vehicle will slow down and be driven at low speed.

⚠ CAUTION

Long distance driving is not allowed in fail-safe mode. Otherwise, transmission may damage, please contact authorized service centre for inspection and repair immediately.

Driving Mode

Driving mode (method 1)


OMT1E-3021

Step 1: Turn vehicle power to ON mode, and keep the vehicle stationary or ensure safe driving;

Step 2: Rotate the " MODE " knob to switch among NORMAL/SPORT/ ECO/SNOW/MUD/OFF ROAD; The corresponding mode icon of the instrument cluster comes on and the corresponding theme mode is switched. At the same time, a voice reminder is accompanied to remind you that the driving mode has been successfully switched.

Driving mode (method 2)



OMT1E-3027

Step 1: Turn vehicle power to ON mode, and keep the vehicle stationary or ensure safe driving;

Step 2: Rotate the " MODE " knob, audio head unit pops up the driving mode screen;

Step 3: Click NORMAL/SPORT/ ECO/SNOW/MUD/OFF ROAD on driving mode screen; The corresponding mode icon of the instrument cluster comes on, and the corresponding theme mode is switched. At the same time, a voice reminder is accompanied to remind you that the driving mode has been successfully switched.

After the driver switches to driving mode, this operation will be memorized. Last operating status of driver will be memorized by default after vehicle is powered on next time. This function is not standard. Please refer to the actual vehicle.

Introduction of driving mode

The following information will help you understand purpose of different driving modes and can be selected according to different road conditions.

Driving Mode	Function
NORMAL Mode	The NORMAL mode integrates vehicle power performance and economy, and is suitable for various road surfaces.
ECO Mode	The ECO mode improves the vehicle fuel economy, and is suitable for flat and hard roads such as urban roads and paved roads.
SPORT Mode	The SPORT mode improves the vehicle power performance, and achieves a higher level of response speed and driving experiences. It is suitable for flat roads with fewer vehicles and wide driving range (such as: highways).

READ

ACC corresponding to ECO (Economic mode) accelerates gently, and ACC corresponding to SPORT (Sport mode) accelerates faster.

4-3. Steering System

Electric Power Steering System (EPS)

EPS uses torque generated by motor as power source of steering system, instead of assisting method using in general vehicle, that is, hydraulic pump is driven by engine.

Electric Power Steering System (EPS) self-learning

If the vehicle battery is powered off and reconnecting or starting, due to the initialization of electric steering system angle, " ! " yellow indicator on instrument cluster blinks, turn the steering wheel left and right to the limit position to complete the angle reset, and the " ! " yellow indicator on instrument cluster turns off.

CAUTION

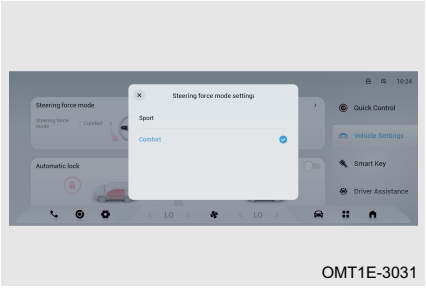
- Frequent handling and rotation of steering wheel over long periods of time may damage the mechanism in EPS.
- When parking or driving at low speed, if steering wheel reaches or nearly reaches the limit position several times continuously, the operation force of steering wheel may become heavier. It is heat when the power assist module is touched, which is normal. This is mainly due to the heat protection function of EPS. In this case, stop turning the steering wheel, switch the vehicle power to OFF/ACC mode until the system cools down. The system will return to normal automatically.

Electric Power Steering System (EPS) indicator

When there is fault, "⚠" yellow indicator on instrument cluster comes on.

> ⚠ WARNING
>
> After EPS is disabled, although the vehicle still has the conventional steering capability, it should be driven with caution. At this time, please go to authorized service centre for inspection and repair as soon as possible.

Steering force mode



OMT1E-3031

EPS is equipped with two steering force modes (COMFORT/SPORT). The default steering force mode is comfort mode when the vehicle first works. Compared with the comfortable mode, steering force of sport mode is reduced and the hand feels calm.

> READ
>
> The steering force mode can be correlated with the driving mode. After the correlation, the steering force is COMFORT in the vehicle NORMAL mode (if equipped) / ECO mode, while the steering force is SPORT in the vehicle SPORT mode. After disassociation, steering force can be set to SPORT/ COMFORT separately. The function is not standard. Please refer to the actual vehicle configuration.

4-4. Brake System

Electric Parking Brake System (EPB)

EPB system is a technology that integrates temporary braking during driving and long-time braking after stopping, and implements parking brake by electronic control. This technology replaces the traditional handbrake.

Usage methods

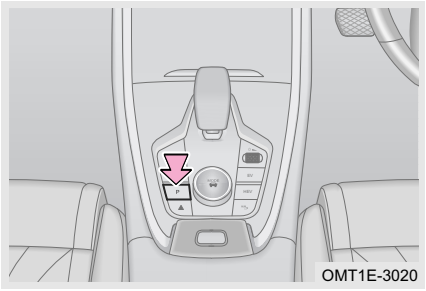


OMT1E-3040

Applying parking brake manually:

Power on the vehicle, depress brake pedal, press the parking brake switch on the swipe down screen of head unit system, " Ⓟ " red indicator on instrument cluster goes off, indicating that parking brake function has been released.

When the parking brake function is released, press parking brake switch, " Ⓟ " red indicator on instrument cluster remains on, indicating that parking brake function is activated.


OMT1E-3020

Depress brake pedal, and park the vehicle smoothly. To shift the gear position to P, " Ⓟ " red indicator on instrument cluster remains on, indicating that parking function is activated.

Releasing parking brake automatically

- Fasten driver's seat belt and close driver door. When the vehicle is shifted from P to D/R on flat road, electric parking brake is released automatically, and "Ⓟ" red indicator on instrument cluster goes off.
- With vehicle stopped on a slope, driver seat belt fastened and driver door closed, when the shift position is shifted from P to D/R, depress accelerator pedal deeply, and parking brake can be released automatically only when driving force is greater than slipping force.

⚠ CAUTION

- When performing automatic releasing of electric parking brake, fasten the driver’s seat belt and close the driver door. Failure to do so may cause the automatic releasing conditions of parking brake cannot be satisfied.
- When enabling and releasing electric parking brake, "whooshing" sound may be heard from rear part of vehicle. This is the working sound emitted by parking brake and is normal.
- While depressing brake pedal for releasing or applying parking brake, brake pedal may push slightly up or down, just depress the brake tightly.
- Electric parking brake cannot be released when battery is discharged, and jumper cables can be used to start the engine. For details, refer to "Jump-starting".
- If vehicle coasts after stopping within a short period, system will increase parking force automatically to hold it for safety. When brake force increasing, system makes operation sound. This is normal.

⚠ WARNING

To avoid accidental vehicle movement, in auto hold state, confirm shift position before depressing accelerator pedal to start off.

■ Emergency braking function

If foot brake fails, press P button on the right side of column shift continuously to forcibly apply brake by parking brake. In process of emergency braking, "Ⓟ" red indicator on instrument cluster flashes. Release the P button to exit emergency braking.

⚠ WARNING

- When emergency braking function is activated, it will drone. This is normal.
- When applying emergency braking, electric parking brake will apply brake at constant deceleration which is deviated from driver’s desired deceleration and braking distance will be different.
- Use this function cautiously during normal driving. When driving, passengers should not touch button accidentally. Otherwise, it may cause an accident.
- When foot brake fails or brake pedal is blocked, emergency braking function can be used in an emergency. ESP system and its components cannot exceed road traction physical limit, turning on emergency braking function when driving on curved road, dangerous road, heavy traffic road or in severe weather may lead in drifting, side-slipping or pulling over, be careful not to cause an accident.

Automatic Parking System (AUTO HOLD)

Auto hold function is used to prevent vehicle from rolling when the vehicle is stationary and starts off.



OMT1E-3040

Auto hold function enabling conditions: Vehicle is started, driver door is closed properly and driver side seat belt is fastened.

Turning on auto hold function: When auto hold conditions are met, perform downward sliding operation on the head unit screen, press auto hold switch to turn on this function, "Ⓐ" white indicator on instrument cluster comes on and system enters auto hold mode.

Activating auto hold function:

- When auto hold function is turned on and auto hold operation conditions are met, gear position is in D, depress brake pedal to slow down and stop the vehicle, then auto hold function is activated, green indicator "Ⓐ" comes on.
- Depress brake pedal with vehicle stationary, when auto hold operation conditions are met and auto hold function is turned on, auto hold function is activated automatically, green indicator "Ⓐ" comes on.

Turning off auto hold function:

- When auto hold function is turned on, click auto hold button on quick menu screen to turn off this function, the system exits auto hold mode.
- When auto hold is activated, click auto hold button on quick menu screen to turn off this function. "Ⓐ" green indicator on the instrument cluster goes off. The system exits auto hold mode and switches to electric parking brake system for parking.

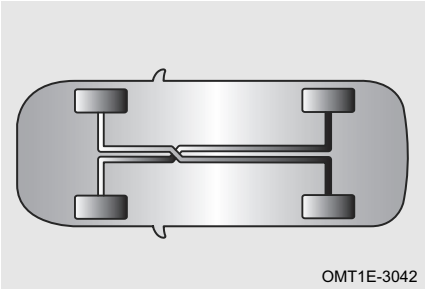
Auto hold release function:

- When the vehicle applies the auto hold brake, the driver fastens seat belt, closes the door, depresses the accelerator pedal. The system detects the driver's intention to leave and the auto hold will be released automatically. On a slope, greater traction is required to avoid slipping.

⚠ CAUTION

- Turn on auto hold switch after vehicle starts, if driver door is not closed or driver side seat belt is not fastened, auto hold system cannot be entered.
- After auto hold function is turned on, auto hold system will automatically stop the vehicle after the vehicle comes to a complete stop from motion state by foot brake, but the shift position is still in D. It is recommended to shift to N for short parking and shift to P for long parking.
- When auto hold function is turned on, open driver door or unfasten driver side seat belt to exit auto hold function, close the door or fasten the belt again to turn on the function again.
- When auto hold function is activated, unfasten driver side seat belt or open driver door to switch auto hold to electric parking.
- Turn off auto hold function before driving into car wash.
- Always park vehicle correctly according to safety regulations and take care to avoid hurt yourself and pedestrians.
- If accelerator pedal is depressed very slowly, auto release of auto hold delays. This is normal.

Foot Brake



OMT1E-3042

The brake system adopts X type arrangement, double circuit brake system; The system is a hydraulic system with two independent subsystems. If one of the subsystems fails, the other system can still perform brake function. However, brake pedal depressing force will be greater than usual as well as the braking distance, and the brake system malfunction indicator comes on. Please go to authorized service centre immediately for inspection and repair.

⚠ WARNING

Do not drive vehicle under conditions in which only one brake system works. Please contact authorized service centre for inspection and repair immediately.

■ Brake system malfunction indicator

When there is fault in brake system, indicator "(!)" on instrument cluster remains on. There is fault in brake system, check brake fluid level. Add brake

fluid when it is lower than MIN line. If the cause cannot be determined, please contact authorized service centre for inspection and repair as soon as possible.

Brake System Operation Descriptions

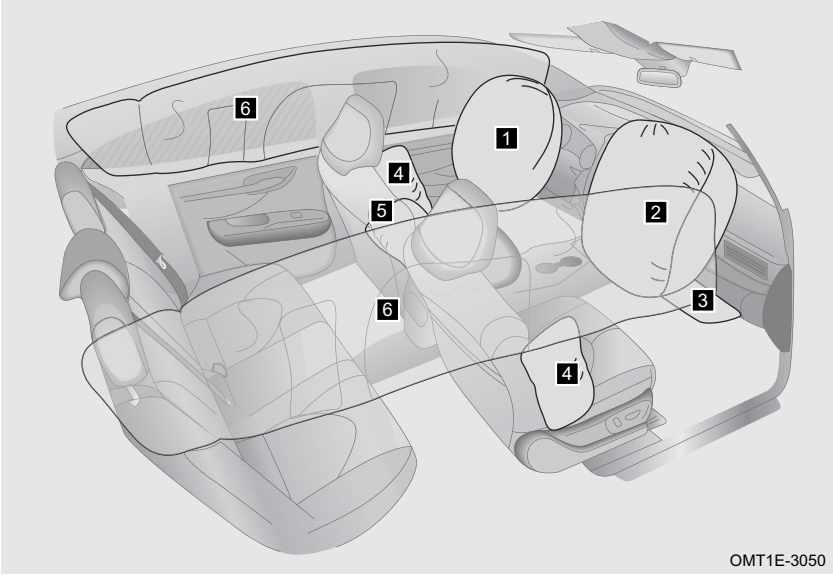
- It is normal that brake system makes an operation sound sometimes. But metal-friction or whistling sounds for a long time, brake linings may be seriously worn. Please contact authorized service centre for replacement immediately.
- If constant jitter or vibration can be felt through steering wheel when braking, please contact authorized service centre for inspection and repair as soon as possible.
- New brake lining requires a break-in period to achieve optimum braking effect. Braking effect in the first 124 miles (200 km) is not optimal. In this case, depress brake pedal more firmly to compensate braking effect.
- Wear condition of brake lining depends largely on its working conditions and driving style. For vehicles mainly used in city traffic, frequent starting and stopping will make working condition of brake lining worsen. Therefore, please go to authorized service centre according to specified maintenance mileage to check thickness of brake linings or replace it as needed.
- When driving downhill, shift to a low gear to make full use of engine braking effect and avoid continuous use of brakes. Failure to do so may cause the brakes to overheat and braking distance will become longer, and the brakes may even temporarily lose its effectiveness in a serious case.
- A wet brake may cause abnormal vehicle deceleration or pull to one side when braking. Depress brake pedal slightly to test effectiveness of brakes. After driving through deep water, keep a safe vehicle speed and depress brake pedal slightly until braking function is restored.

4-5. Airbag (SRS)

Airbag (SRS)

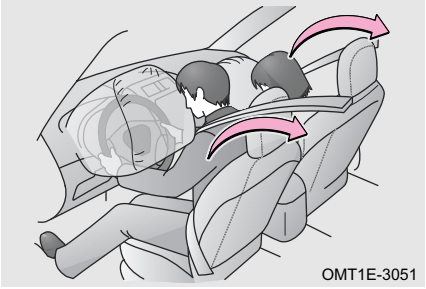
In severe frontal/side collision, when deployment conditions are met, the airbags (SRS) deploy and work together with seat belts to protect occupants in vehicle. Airbags (SRS) can distribute impact force more evenly to upper parts of occupants' body, so their body move slowly even stop, thus reducing the risk of occupants and driver injury. Automatically unlocks doors, illuminates interior lights, and turns on hazard lights after the airbag is (SRS) is deployed.

Airbag (SRS) positions

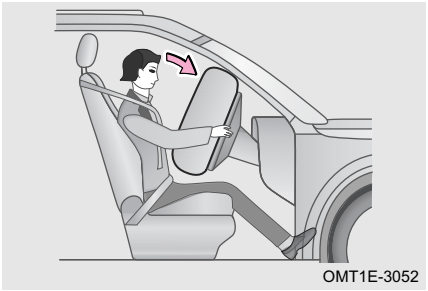


1 Front passenger frontal airbag	2 Driver frontal airbag	3 Driver knee airbag
4 Front seat side airbag	5 Center airbag	6 Curtain side airbag

Using airbag (SRS) correctly



In an event of a severe frontal collision, driver frontal airbag, front passenger frontal airbag work together with the seat belt to help reduce injuries to the head or chest of driver and front passenger caused by hitting the interior component (front passenger frontal airbag may be activated even if there is no occupant in passenger seat).


OMT1E-3052

The airbag (SRS) works together with seat belt to protect safety of driver and passengers. However, airbag is not a substitute for seat belt. In addition, the airbag (SRS) will deploy only when the collision degree of vehicle reaches the design condition. In some collisions, seat belt is the only protective device. Wearing a seat belt during a collision can help reduce the risk of hitting objects inside the vehicle or being thrown out of the vehicle, and effectively protect the drivers and occupants. Therefore all persons in vehicle should wear seat belts correctly. Airbags (SRS) and seat belts can provide protection only for adults but are not designed to protect infants and young children.

The airbag (SRS) will generate considerable force at the moment of deployment. In order to avoid injury caused by deployment of the airbag (SRS), the driver and occupants must adopt the correct sitting posture, correctly wear the seat belt and adjust their seat position, never get too close to the airbag (SRS), such as sitting on the edge of the seat or tilting the body forward. For vehicles equipped with front seat side airbag (If equipped) and curtain shield side airbag (If equipped), ensure that the upper limbs are at a sufficient distance from the side of the vehicle to avoid injury during deployment.

⚠ CAUTION

- The airbag (SRS) cannot protect the lower part of the occupant's body.
- The airbag (SRS) will quickly contract after deploying, which can ensure that forward vision of driver is not blocked.
- The related parts of airbag (SRS) will generate heat after deploying. Do not touch the related parts of airbag (SRS) immediately to avoid injury.
- The airbag (SRS) is a non-reusable device. Once the airbag (SRS) is deployed, the related parts of airbag (SRS) must be replaced.
- If the areas where the airbags (SRS) are stored, such as the steering wheel and instrument panel are damaged or cracked, please go to authorized service centre for replacement as soon as possible.
- The deployment and contraction of the airbag (SRS) is completed in a short period of time, and cannot protect against the impact of a second impact that may occur subsequently.
- The airbag (SRS) is neither designed for rear collisions, slight frontal collisions, nor for vehicle rolling over, and it does not work when the vehicle is braked in an emergency.
- The airbags (SRS) release some smoke and dust after deploying. For people with asthma or other respiratory problems, respiratory system could be stimulated. Therefore, all people in vehicle should get off as soon as possible, or open windows to breathe fresh air and seek medical treatment if necessary.

⚠ WARNING

- The seat cover should not block side airbag (if equipped) during using, as in the event of an accident, the side airbag (if equipped) will not pop up after inflating, which will reduce protection for passengers.
- A soft, dry cloth or cloth dampened with water must be used to clean the airbag (SRS). In order to avoid any fluid into the airbag (SRS), otherwise it may seriously affect the normal function of airbag (SRS).
- If there is water in vehicle, the airbag (SRS) may be damaged. Even if there is no collision at this time, it may cause the airbag to deploy accidentally. Turn off the engine immediately and disconnect the negative battery cable. Do not try to start the engine. Please contact authorized service centre for inspection and repair immediately.

Airbag (SRS) indicators

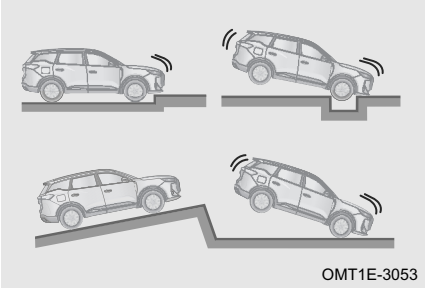
The " " red indicator on instrument cluster comes on when it is malfunctioning, which is used to alert the driver that airbag (SRS) is malfunctioning. Please go to authorized service centre for inspection and repair as soon as possible.

Airbag (SRS) operating conditions

Deployment conditions of the airbag (SRS) do not depend on driving speed of vehicle, but depend on the object, collision direction and vehicle speed due to a collision. Airbags (SRS) may not deploy when the impact of collision is absorbed or dispersed into the body; However, the airbag (SRS) can sometimes operate depending on the impact condition in an accident. Therefore, deployment conditions of the airbag (SRS) should not be judged depending on the damaged condition of the vehicle.

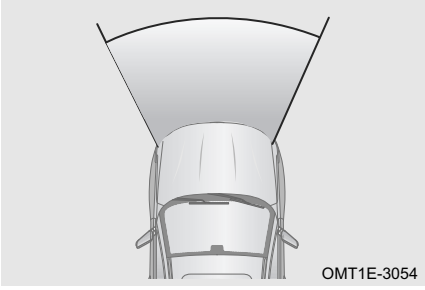
Even if the airbag (SRS) is not deployed, a collision may damage the airbag (SRS) in the vehicle. Airbag (SRS) may not operate properly if damaged, and it will not be able to protect you and other occupants in the event of another collision, resulting in accidents and personal injuries. In order to ensure that the airbag (SRS) can deploy properly in an event of collision, please go to authorized service centre for inspection and repair as soon as possible.

■ Conditions under which airbag (SRS) may deploy other than a collision


OMT1E-3053

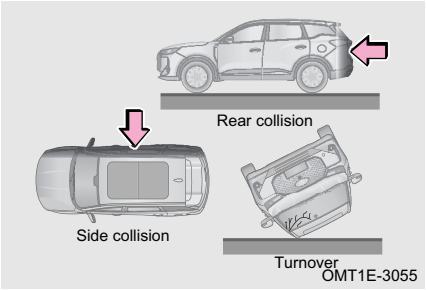
The driver frontal airbag and front passenger frontal airbag may deploy if a impact occurs to the underside of your vehicle.

■ Conditions under which airbag (SRS) may deploy in a collision

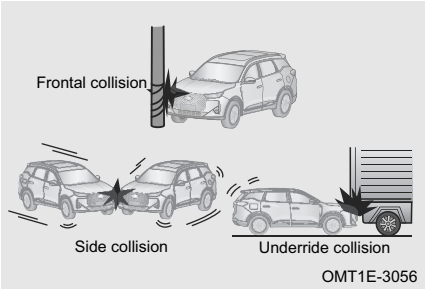

OMT1E-3054

Operating conditions: In general, in an event of frontal collision, the driver frontal airbag, front passenger frontal airbag will deploy if the deceleration of vehicle exceeds the designed threshold level.

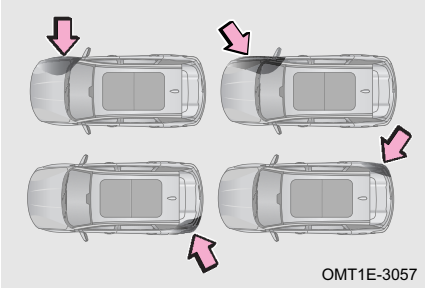
■ Conditions under which airbag (SRS) may not deploy in a collision



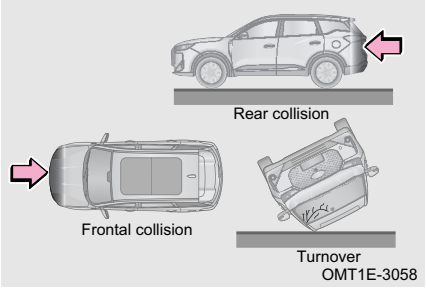
The driver frontal airbag, front passenger frontal airbag may not deploy if the vehicle is involved in a side or rear collision, if it rolls over, or if it is involved in a low-speed frontal collision.



The driver frontal airbag, front passenger frontal airbag may not deploy if the front of vehicle hits a telegraph pole, goes under a truck, or inclined side collision.



The front seat side airbag (if equipped) and curtain side airbag (if equipped) may not deploy if the vehicle is subjected to a collision from side, the rear part of the rear tyre or a side collision at certain angles to body.

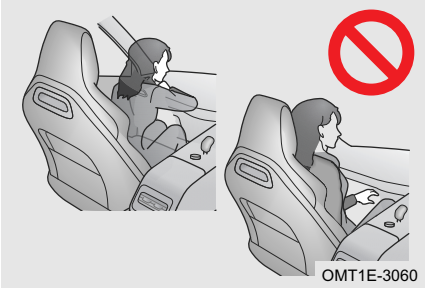


The front seat side airbag (if equipped) and curtain side airbag (if equipped) may not deploy if the vehicle is subjected to a front or rear collision, turnover or low speed side collision.

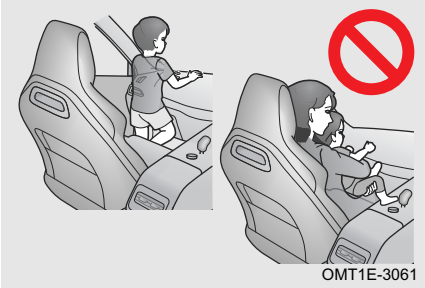
Precautions for airbag (SRS)


OMT1E-3059

Always keep airbag (SRS) deployment path clear. It is forbidden to place anything (such as mobile phone) between the occupant and the airbag (SRS) and fix or place any objects on or near the airbag (SRS) cover; If there is an object between occupant and airbag (SRS), the airbag (SRS) may not deploy according to design path, or the airbag (SRS) may push object to occupant's body, causing serious injury or even death.


OMT1E-3060

Do not sit on the edge of the seat or lean against the instrument panel.

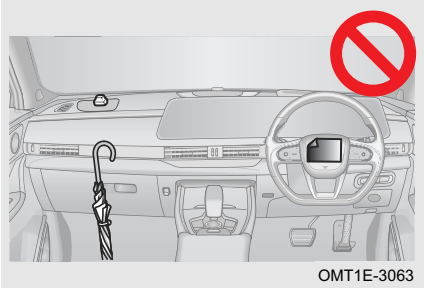

OMT1E-3061

Do not allow a child to stand in front of the front passenger frontal airbag unit or sit on the knees of front passenger.

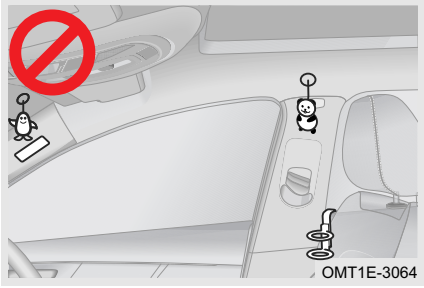

OMT1E-3062

Do not lean against the door, A pillar, B pillar or C pillar.

Do not allow anyone to kneel on the passenger seat toward the door or put their heads or hands outside the vehicle.


OMT1E-3063

Do not attach anything to or lean anything against the areas such as the instrument panel, steering wheel and lower portion of the instrument panel. These items can become projectiles when driver frontal airbag or front passenger frontal airbag deploys.


OMT1E-3064

Do not attach anything to areas such as the door, windshield glass, side door glass, A pillar, B pillar, C pillar, roof side rail and assist grip.

Do not strike or apply excessive force to the area of airbag (SRS) components. Otherwise, it may cause airbag (SRS) malfunction.

Replacement of airbag (SRS) component

The related parts of the airbag (SRS) must be replaced 10 years from the date of vehicle purchase. In order to make sure that the airbag (SRS) can ensure your safety normally, please always go to authorized service centre to replace related parts of the airbag (SRS) within the specified time.

Make sure that the new owner knows the airbag (SRS) configuration and the replacement date of airbag (SRS) in this vehicle when the vehicle is sold.

Modification and disposal of airbag (SRS) components

Do not dispose the vehicle or operate the following components without permission of the authorized service centre, otherwise accidents and personal injuries may occur:

1. Modification of vehicle suspension system.
2. Modification of vehicle front bumper, etc.
3. Modification of side doors or door protective panel and B-pillar protective panel, etc.
4. Installation, removal, disassembly and repair of airbags (SRS).
5. Repair, modification, removal or replacement of steering wheel, instrument cluster, instrument panel and seats.

Event Data Recorder (EDR)

This vehicle is equipped with an Event Data Recorder. The main purpose of an EDR is to record, in certain crash situations, such as an airbag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short time, usually 5 seconds or less.

The EDR in this car is designed to record data related to the following in the event of traffic accidents or collision-like situations:

- How various systems in your vehicle were operating.
- Whether the driver and passenger seatbelts were fastened or tensioned.
- The driver's use of the accelerator or brake pedal.
- The travel speed of the car.

This creates a better understanding about the circumstances in which traffic accidents, injuries and damage occur.The EDR only records data when a non-trivial collision situation occurs. The EDR does not record any data during normal driving conditions. Similarly, the system never registers who is driving the vehicle, or the geographic location of the accident or collision-like situation. However, other parties, such as the police, could use the recorded data in combination with the type of personally identifiable information routinely collected after a traffic accident. Special equipment and access to either the car or the EDR is required to be able to interpret the registered data.

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5-1. Driving Assistance

Caution

The auxiliary systems specified in this manual are supplementary systems, not autopilots, and do not provide full autonomy to the vehicle. The efficiency of the auxiliary system depends on many factors, therefore, the manufacturer does not guarantee the activity of all systems during the operation of the vehicle.

The driver must:

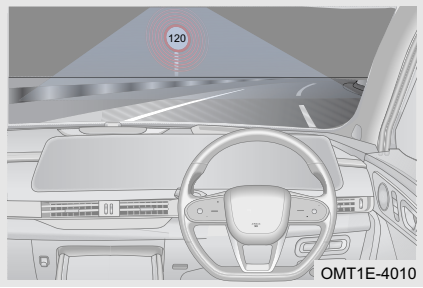
- Maintain direct and continuous control of the vehicle.
- Monitor traffic conditions.
- Respond promptly to changes in traffic situation, make independent decisions and implement them.
- Comply with traffic rules, including speed and distance from other vehicles

All decisions and responsibilities for driving rest entirely with the driver, who must remain focused and ready to intervene at all times.

5-2. Speed Limit Assist System (SLA)

Speed Limit Assist System (SLA)

SLA detects speed limit sign information on road ahead and combines the information with speed limit information of navigation system, and use the final speed limit information to remind the driver to pay attention to the various current road speed limit regulations in the form of image, sound, etc., to keep legal speed and observe local traffic laws.



After SLA detects speed limit sign information on road ahead and combines the information with speed limit information of navigation system, "120" indicator in instrument cluster comes on, if the speed exceeds current speed limit for 5km/h, prompt sound will sound 1 time.

READ
SLA can be set in audio system. For details, refer to "Audio System".

Function limit

■ SLA may not be able to recognize in following situations

1. Faded signs.
2. Signs on curve.
3. Rotated or damaged signs.
4. High signs on highway.
5. Signs that is covered fully or partly, or that the position can not be found easily.
6. Signs covered by frost, snow, dust fully or partly.

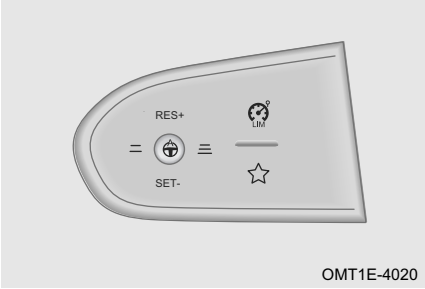
⚠ WARNING
SLA based on the function of front view multi-function camera is affected by weather and light, so the function is not appropriate for all conditions.

5-3. Cruise System

Adaptive Cruise Control (ACC) System

ACC can maintain the speed set by driver and can also follow the vehicle at a set safe distance.

Adaptive Cruise Control System (ACC) button



OMT1E-4020

Main button "⛑":
Activate/exit function: When ACC is in pre-cruising or cruising state, short press the main button to activate/exit the ACC;
Mode switching function: When ACC is in pre-cruising or cruising state, or TJA/ICA is in pre-activating or activated state, press and hold the main button to switch between ACC and TJA/ICA modes.

Active speed limit button "LIM": Turn on/off active speed limit.

Following clearance increasing button "三": Following clearance increasing adjustment.

Following clearance decreasing button "二": Following clearance decreasing adjustment.

"RES+" button: Resume the adaptive cruise control system and adjust speed value.

"SET-" button: Enter adaptive cruise control system, active speed limit and adjust speed value.

READ
RES+ and SET- are shared button for ACC and ASL.

Adaptive Cruise Control System (ACC) activation conditions

1. Gear position is in D position.
2. Hood is not opened.
3. Active speed limit is not turned on.
4. Driver door is closed.
5. Driver seat belt is fastened.
6. Parking brake is not applied.
7. Anti-lock brake system is not activated.
8. Electronic stability control system is turned on.
9. Electronic stability control system is not activated.
10. Hill descent control system is not turned on.
11. Brake pedal is not depressed (during driving).
12. Vehicle speed is higher than 9 mph (15 km/h) or an object is recognized in front.

Usage methods

■ Enter adaptive cruise control system

Turn vehicle power to ON mode. When the activation conditions are met, it will enter the pre-cruising state automatically. "" gray indicator on instrument cluster remains on;

Method 1: In pre-cruising state, when vehicle speed is higher than 9 mph (15 km/h), press "SET-" or "" button to set current speed as cruise speed and enter cruising state, "" green indicator on instrument cluster remains on.

Method 2: In pre-cruising state, when vehicle speed is lower than 9 mph (15 km/h), press "SET-" or "" button to set 9 mph (15 km/h) as cruise speed and enter cruising state, "" green indicator on instrument cluster remains on.

Method 3: In current ignition cycle, press "RES+" button after exiting ACC, set the last cruising set speed and enter cruising state, "" green indicator on instrument cluster remains on.

READ

- ACC is exited when turning on active speed limit.
- When there is a vehicle in front of your vehicle in the same lane, and driving speed is not higher than vehicle set speed, ACC system will control the vehicle to follow vehicle ahead.
- When there is no vehicle in front in the same lane, or there is a vehicle in front in the same lane and driving speed is higher than set speed, your vehicle will drive at the set speed.
- When applying parking brake and entering pre-cruising state, press "SET-" button, instrument cluster will prompt "Please depress accelerator pedal to activate adaptive cruise control system", driver depresses accelerator pedal slightly to activate ACC according to the prompt.

■ Exiting adaptive cruise control

When one or more of the following situations are occurred in cruising process, ACC will exit

1. Hood is opened.
2. Depress brake pedal.
3. Press "" button.
4. Driver door is opened.
5. Driver seat belt is not fastened.
6. Pull up the electrical parking button.
7. Anti-lock brake system operates.
8. Gear position is in a position other than D.
9. Automatic emergency braking system operates.
10. Turn on HDC system.
11. Electronic stability control system operates.
12. Electronic stability control system is not turned on.
13. Driver depresses accelerator pedal for more than 15 minutes.

After the above conditions that cause the function to exit are resumed, press "RES+" button, enter cruising state and resume set state before exiting.

■ Speed setting

Short press "RES+" button during cruising process, set vehicle speed will increase by 1 mph (1 km/h).

Press and hold "RES+" button during cruising process, set vehicle speed will increase by 5 mph (5 km/h); when vehicle speed exceeds 55 mph (90 km/h), set vehicle speed will increase by 6 mph (10 km/h).

Short press "SET-" button during cruising process, set vehicle speed will decrease by 1 mph (1 km/h).

Press and hold "SET-" button during cruising process, set vehicle speed will decrease by 5 mph (5 km/h); when vehicle speed exceeds 55 mph (90 km/h), set vehicle speed will decrease by 6 mph (10 km/h).

READ

- For ACC, the lowest speed setting is 18 mph (30 km/h) and the highest speed setting is 93 mph (150 km/h).
- Speed will be lower than set speed when driving uphill, speed will be higher than set speed slightly when driving downhill.

Following clearance

Press "三"/"二" button in cruising process, adjust following clearance which is divided into 5 levels from minimum clearance to maximum clearance.

READ

- Following clearance changes based on speed and increases with speed improving.
- In minimum clearance mode, the distance between the vehicle and vehicle ahead will quite small during following at low speed. For safety, select maximum clearance mode to follow vehicle ahead on slippery road.
- During following vehicle ahead and decreasing, ESP continuously performs brake and motor will generate operation sound when rotating, this is normal and please drive at ease.

WARNING

- The driver must control vehicle, operate as needed in the whole driving process to avoid danger.
- Please note that any drive behavior must confirm all traffic regulations.

Overtaking

Depress accelerator pedal to overtake set speed in cruising process. After accelerator pedal is released, the control state will return to previous state. During overtaking, if the vehicle is too close to vehicle ahead, instrument cluster will pop up "Please take over the vehicle by driver" accompanied with urgent warning sound to remind driver to avoid.

Curve speed Assist (CSA)

Decrease the speed when vehicle enters curve in cruising process, which help driver to drive through curve safely.

⚠ WARNING

- The driver must control vehicle, drive through curve as slowly as possible in the whole driving process.
- During entering into curve, due to limitation of detection target for radar probe, vehicle ahead on the same driving route may not be detected in time, which requires the driver to be ready to take over the control of the vehicle at any time.

Stopping and starting function

During following vehicle ahead in ACC mode, vehicle ahead decreases to stop, the vehicle also decreases to stop, after stopping:

1. If vehicle ahead starts within 3 seconds, the vehicle also starts automatically.
2. If vehicle ahead stops for more than 3 seconds and starts within 3 seconds to 10 minutes, driver needs to depress accelerator pedal slightly to activate ACC.
3. When vehicle stops within 10 minutes, driver unfastens seat belt or open driver door, EPB is activated automatically for parking.
4. When vehicle stops for more than 10 minutes, the vehicle will exit ACC, and EPB will be activated automatically and parking.

⚠ WARNING

During following vehicle ahead, always pay attention to whether the instrument cluster displays the vehicle target in front. If the instrument cluster does not display the target in front, it means that target in front of ACC system has been lost, the vehicle will start to accelerate according to set speed.

Precautions for adaptive cruise control

1. ACC can not violate laws of physics and has certain limitations. Driver must always keep control of the vehicle and be fully responsible for the vehicle.
2. If the vehicle is extremely close to vehicle on adjacent lanes, ACC may select the vehicle as following target.
3. ACC can not respond to stationary objects and vehicles, crosswise vehicles, oncoming vehicles, pedestrians, bicycles and animals.
4. When stopping vehicle briefly in ACC mode, driver must confirm that there are no obstacles or other traffic participants such as pedestrians, bicycles and animals in front of the vehicle.
5. When ACC function is malfunctioning, "" yellow indicator in instrument cluster comes on. At this time, ACC function fails, please go to authorized service centre for inspection and repair as soon as possible.

6. During ACC controls vehicle, never inadvertently step on accelerator pedal, otherwise, ACC will not apply brake to vehicle, driver should always be ready to brake actively to ensure the safety of the vehicle.
7. ACC can only realize limited brake, if vehicle ahead occurs sudden brake, another driver cuts in front of the vehicle, the vehicle cuts behind a preceding vehicle, ACC may not respond or react to vehicle ahead too slow, in this case, driver should take over the vehicle control in time.
8. Driver should adjust the proper clearance from vehicle ahead based on traffic flow and weather condition and is responsible for ensuring that the vehicle can stop safely at any time. In inclement weather (rain, snow, fog, etc.), ACC may not recognize vehicle ahead. In this case, ACC should be turned off.
9. ACC is suitable for use on highways and roads in good condition, It is not recommend for use on urban roads, narrow roads, mountain roads, hills, tunnels, etc. If using ACC in curve, target vehicle ahead may be lost or target selection is delayed due to limitation of sensor detection range, in this case, ACC will control vehicle to accelerate to set speed.
10. During the process of following the vehicle ahead to stop, ACC may not be able to recognize the end of the vehicle, but the lower or upper part of vehicle (such as rear axle of truck that has higher chassis, upper part of lower flatbed trailer). In these cases, system cannot ensure a proper stopping distance or even lead to collision. Therefore, driver must keep a watch on vehicle and be ready to take over vehicle control anytime during this process.
11. Two sensors of radar and camera are installed in the front area of vehicle and behind windshield. Please note that view of sensor should not be covered by pollutants, and front or surrounding areas should not be modified or decorated with license plate frames, etc. Especially, when sensor is completely covered by snow, ACC function will be exited. System performance may be reduced or it’s function fails due to sensor vibration or collision. In this case, please go to authorized service centre for recalibration for sensors as soon as possible.

Precautions mentioned above do not cover all circumstances that may affect system normal operation. System function may fail to bring the expected effect due to other reasons. Driver must always take full responsibility for vehicle control anytime.

Speed Control Function (SCF)

When the vehicle is in cruising state (ACC or TJA/ICA), it can improve safety, reduces the risk of overspeed/penalty points and reduces the burden on driver by receiving speed limit sign information on road ahead detected by SLA and combines the information with speed limit information of navigation system, when driver presses the "SET-" button during speed limit pop-up window, uses SLA speed limit value as cruise target speed to control the vehicle.

READ

If the driver does not confirm during the first pop-up window, another pop-up window will appear after 1 minute; thereafter, no more pop-up window will be shown until the new speed limit sign appears (the new speed limit sign is not the same as the previous one).

Speed Control Function (SCF) activation conditions

The following conditions must be met at the same time to activate SCF:

1. SLA is turned on.
2. 18 mph (30 km/h) ⩽ speed limit value of SLA system ⩽ 74 mph (120 km/h).
3. Speed limit value of SLA - cruising set speed of the vehicle is no less than 12 mph (20 km/h).
4. ACC is activated.
5. Speed set by ACC system > SLA speed limit value.

Intelligent Speed Alert System

When the vehicle is in cruising state (ACC or TJA/ICA), Speed Control Function (SCF) system detects the speed limit sign information on the road ahead and integrates the speed limit information of navigation system. When pressing the DOWN button during speed limit prompt pop-up, speed limit value of Speed Limit Assist System (SLA) is used as the cruise target speed, cruise control state for the vehicle can improve safety and reduce the risk of speeding/penalty points, and reduce the burden on the driver.

READ

- Intelligent speed control system can be set in audio system. For details, refer to "Audio System".
- If the driver does not confirm during the first pop-up window, another popup will window appear after 1 minute; thereafter, no more pop-up window will be shown until the new speed limit sign appears (the new speed limit sign is not the same as the previous one).

CAUTION

Intelligent speed control system is only a assist driving function and cannot completely replace the driver's visual and active braking. The normal operation of this function may be affected by factors such as blocked front camera or radar, incorrect or missing map speed limit information, complex road conditions and bad weather and other conditions. In any case, the driver should actively pay attention to and control the vehicle speed, rather than relying on the system control.

■ Activation conditions of intelligent speed control system

The following conditions must be met at the same time to activate intelligent speed control system:

- SLA is turned on.
- 18 mph (30 km/h) ⩽ Speed limit value of SLA ⩽ 74 mph (120 km/h).
- The speed limit value of SLA is 12 mph (20 km/h) higher or lower than the cruising set speed of the vehicle.
- ACC is activated.
- Set speed of ACC ＞ Speed limit value of SLA.

Active Speed Limit (If Equipped)

Introduction

Driver drives vehicle at set limit speed.

Usage method

■ Entering active speed limit

Step 1: Turn vehicle power to ON mode and press " " button to enter pre-speed limit state, and " " indicator in instrument cluster remains on;

Step 2: With engine not started or vehicle speed ＜ 18 mph (30 km/h), press "SET-" button to enter speed limit state, and " " indicator in instrument cluster remains on, default set vehicle speed is 18 mph (30 km/h);

Step 3: In speed limit process, if vehicle speed is within 18 mph (30 km/h) to 124 mph (200 km/h), press "SET-" button to set current speed as limit speed to enter speed limit state, and " " indicator in instrument cluster remains on.

■ Exiting active speed limit

Press " " button to exit speed limit state, enter pre-cruising state, and " " indicator in instrument cluster remains on.

Press " " button to exit speed limit state, and " " indicator in instrument cluster goes off.

Press the" " to exit speed limit state, enter pre-cruising state, and " " indicator in instrument cluster remains on.

■ Speed setting

Press "RES +" button in speed limit process, set vehicle speed will increase by 1 mph (1 km/h).

Long press " RES + " button in speed limit process, set vehicle speed will increase by 5 mph (5 km/h).

Press "SET-" button in speed limit process, set vehicle speed will decrease by 1 mph (1 km/h).

Long press "SET-" button in speed limit process, set vehicle speed will decrease by 5 mph (5 km/h).

Overtaking

In speed limit process, in order to overtake or in other operation condition, fully depress accelerator pedal to enter pre-speed limit state, and "" indicator in instrument cluster remains on.

After overtaking, if vehicle speed is more than previous set limit speed, it enters pre-speed limit state and "" indicator in instrument cluster remains on.

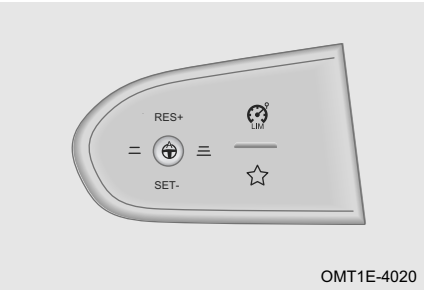
After overtaking, if vehicle speed is less than previous set limit speed, it enters speed limit state and "" indicator in instrument cluster remains on.

5-4. Traffic Jam Assist (TJA) System /Integrated Cruise Assist (ICA) System (If Equipped)

Traffic Jam Assist System (TJA)/Integrated Cruise Assist System (ICA)

Traffic jam assist system/integrated cruise assistance system detects lane line through the front view camera to perform vertical and horizontal control for vehicle, providing driving assistance and reducing driver's workload under monotonous driving environment or busy traffic.

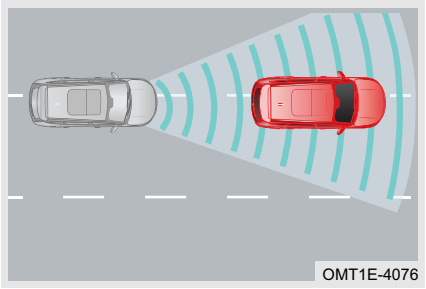
Activating traffic jam assist system/integrated cruise assist system



OMT1E-4020

Main button "":
Activate/exit function: When TJA/ICA is in pre-cruising or cruising state, short press the main button to activate/exit the TJA/ICA;
Mode switching function: When ACC is in pre-cruising or cruising state, or TJA/ICA is in pre-activating or activated state, press and hold the main button to switch between ACC and TJA/ICA modes.

If the TJA/ICA activation conditions are not met, " " gray indicator on instrument cluster remains on; If the TJA/ICA activation conditions are met, " " blue indicator on instrument cluster remains on.



TJA is used when vehicle speed is less than 37 mph (60 km/h): Vehicle will be kept near lane center. If no lane line is detected, the vehicle follows vehicle ahead as driving target. If neither lane line nor target vehicle is detected, TJA will be turned off.

ICA is used when speed is 37 mph (60 km/h) to 93 mph (150 km/h): Vehicle will be kept near lane center. If no lane line is detected, ICA will be turned off regardless of whether there is a target vehicle ahead.

Function limit

■ Traffic jam assist system/integrated cruise assistance system may not work properly in the following conditions:

1. Steering wheel is not hold by hands.
2. Turn signal lights are turned on.
3. Vehicle speed is lower than 1 mph (1 km/h).
4. Hazard lights are turned on.
5. Lane line is not detected.
6. Lanes are overly narrow or wide.
7. Lane curve radius is too small.
8. Driver rotates steering wheel actively.
9. Any exiting condition for adaptive cruise control system exists.

⚠ WARNING

- The driver must control vehicle and operate as needed during the whole driving process to avoid danger.
- Traffic jam assist system/integrated cruise assistance system just offers assistance to you. It may not work properly under some driving conditions, weather conditions, traffic conditions or road conditions.

Precautions for traffic jam assist system/integrated cruise assist system

1. Traffic jam assist system/integrated cruise assistance system is a driving assist system, which cannot violate laws of physics and has certain limitations. Driver must always keep control of the vehicle and be fully responsible for the vehicle.

2. Longitudinal control of traffic jam assist system/integrated cruise assist system is performed by adaptive cruise control system, and lateral control is performed by lane keep assist system. All precautions for adaptive cruise control system and lane keeping assist system are also applicable to the system.
3. Traffic jam assist system/integrated cruise assist system does not provide automatic driving function and does not allow hand off driving. Diver should control vehicle at any time to ensure safety of vehicle under operating conditions such as turning, crossing, merging into one lane and vehicle ahead cutting.
4. Traffic jam assist system/integrated cruise assist system performance is affected by weather, illumination and lane line definition. Significant performance degradation or even loss of function occurs in the case of backlight, sunset, nighttime, road surface covered by snow and ice, and unclear lane lines due to surface wear.
5. When traffic jam assist system/integrated cruise assist system is malfunctioning, "" yellow indicator on instrument cluster remains on, at this time, traffic jam assist system/integrated cruise assist system function fails, please go to authorized service centre for inspection and repair as soon as possible.

Precautions mentioned above do not cover all circumstances that may affect system normal operation. System function may fail to bring the expected effect due to other reasons. Driver must always take responsibility for the vehicle control.

Intelligent Avoidance System (IES)

Under the active control of TJA/ICA (driving in the lane), when the vehicle speed is 37 mph (60 km/h) to 80 mph (130 km/h) and the vehicle is about to overtake larger vehicles (such as trucks and buses) in the adjacent lane, the system controls the lateral movement of vehicle appropriately to keep it away from large vehicles until the overtaking is completed.

READ
Intelligent avoidance system can be set in head unit system. For details, refer to "Head Unit System".

5-5. Hill Descent Control System (HDC)

Hill Descent Control System (HDC)

HDC can help vehicle pass through steep road safely under controlled conditions. After HDC is turned on, when vehicle is driving down on a steep slope, for vehicle with automatic transmission, speed control range is 6 mph (10 km/h) to 21 mph (35 km/h), and for vehicle with manual transmission,

speed control range is 8 mph (14 km/h) to 21 mph (35 km/h); when initial speed is lower than the minimum speed, vehicle will control at the minimum speed by default. The current control vehicle speed can be increased or decreased in a given speed range by depressing accelerator or brake pedal.

Hill Descent Control System (HDC) switch



OMT1E-3040

When vehicle speed is ⩽ 37 mph (60 km/h), press " " switch (- indicator comes on), HDC turns on; when vehicle speed is > 37 mph (60 km/h) or press " " switch again (indicator goes off), HDC turns off.

⚠ CAUTION

- Before entering steep road, set HDC so that driver can operate steering wheel without distraction.
- When HDC is working, the ABS will start automatically if there is a tyre lock.
- When HDC is working, if any wheel loses contact with ground, the braking force will be distributed to the wheel with higher adhesion coefficient.
- HDC is to actively apply the braking force through the ESP work. The system will have a hydraulic operation sound when working, which is a normal phenomenon. When the ESP fails, the HDC function cannot be turned on. Please go to authorized service centre for inspection and repair as soon as possible.

⚠ WARNING

The driver must control vehicle, operate as needed in the whole driving process to avoid danger.

Hill descent control system indicator

When it is activated, " " green indicator on instrument cluster remains on.

When there is a fault, " " yellow indicator on instrument cluster remains on.

5-6. Lane Assist System

Lane Assist System

Lane assist system includes LDW, LDP and ELK, which can assist driver to reduce traffic accident due to lane departure, improving driving safety.

READ

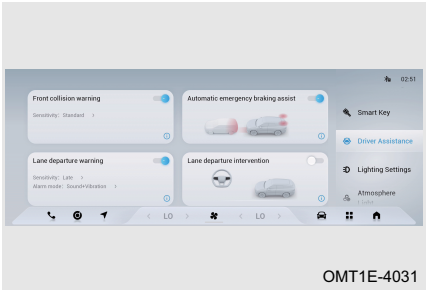
- Keep front view multi-function camera free from obstructions (such as bird droppings, insects and ice, etc.).
- Lane line captured by camera: It can detect white solid line, white dotted line, yellow solid line, yellow dotted line and double solid line lanes.
- The system may not operate in cold and bad weather conditions, such as rain, snow or fog and high contrast lighting will affect the sensor.
- The system may not operate when driving on cement road.
- The system may not operate when driving in road construction area.
- The system may not operate when driving on flooded or muddy roads.
- The system may not work when driving on sharp turns or narrow roads.
- The system will only work normally on the roads with two clear lane lines.
- When only single-sided lane line is detected, the system alarm stability decreases.
- If sensor is disturbed, the system may not work.
- Sensors may misidentify temporary construction markings on the road, etc. and give false alarm by mistake.
- If your vehicle suspension kit is not approved by us, the lane assist system may not operate properly.

WARNING

- The driver must control vehicle and operate as needed during the whole driving process to avoid danger.
- Lane assist system only offers assistance to the driver. It may not work properly under all driving conditions, weather conditions, traffic conditions or road conditions.

Lane Departure Warning (LDW)

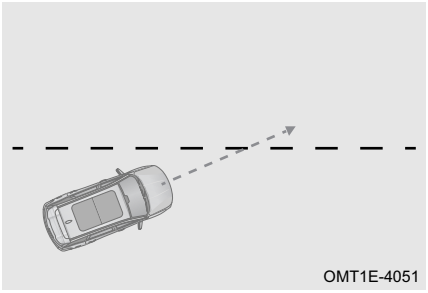
LDW detects lane line by front view multi-function camera. The system sends an alarm when wheel rolls over lane line and vehicle departs from its lane.



OMT1E-4031

Turn vehicle power to ON mode, and turn on LDW system through Audio System - Vehicle Setting - Driver Assistance, and set sensitivity and alarm mode.

Activating lane departure warning


OMT1E-4051

When speed increases to ⩾ 40 mph (65 km/h), LDW enters activating; When speed decreases from 40 mph (65 km/h) to 37 mph (60 km/h), LDW enters pre-activating; When speed is less than 37 mph (60 km/h) 60 km/h, LDW exits after 3 seconds.

Lane departure warning indicator

When function is turned on/limited, "" gray indicator on instrument cluster remains on.

When it is in standby status, "" green indicator on instrument cluster remains on.

When it is activated, "" green indicator on instrument cluster flashes.

When there is a fault, "" yellow indicator on instrument cluster remains on.

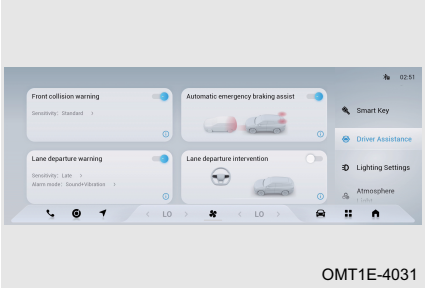
Function limit

■ LDW may not work properly in the following conditions:

1. When changing lanes.
2. When turning with high speed.
3. When depressing accelerator pedal with excess force.
4. When depressing brake pedal with excess force.
5. When turning on the hazard light.
6. When turning on departure side turn signal light.
7. When driving on roads with tight curves.
8. When lane line is too thin, broken, blurred or departure side has no lane line.

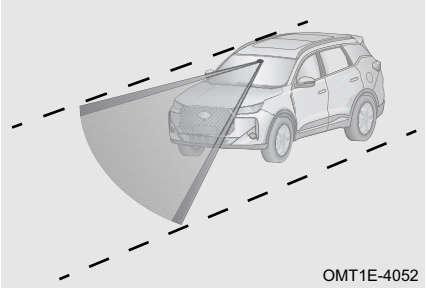
Lane Departure Prevention (LDP)

LDP monitors the relative position between vehicle and lane line by front view multi-function camera in real-time. When the vehicle is about to deviate from the lane, it controls the lateral movement and assists driver to keep the vehicle in the original lane.



Turn vehicle power to ON mode, and turn on Lane Departure Intervention through Audio System - Vehicle Setting - Driver Assistance.

Activating lane departure prevention



When vehicle speed is no less than 40 mph (65 km/h) and lane line is recognized, LDP enters standby status.

When vehicle speed is no less than 40 mph (65 km/h) and the vehicle departs from one lane line, LDP is activated.

When vehicle speed decreases from 40 mph (65 km/h) to below 37 mph (60 km/h), LDW enters limit status.

⚠ CAUTION

- Driver performs an active control for vehicle when meeting a large curve.
- Driver performs an active control for vehicle when meeting some conditions such as lane increase, lane merger, etc.
- Driver performs an active control for vehicle when meeting complex traffic environment (such as intersection, heavy traffic road).

Lane departure prevention indicator

When function is turned on/limited, " " gray indicator on instrument cluster remains on.

When it is in standby status, " " green indicator on instrument cluster remains on.

When it is activated, " " green indicator on instrument cluster flashes.

When there is a fault, "" yellow indicator on instrument cluster remains on.

Function limit

■ LDP may not work properly in the following conditions:

1. When changing lanes.
2. When lane is too narrow.
3. When lane is too wide.
4. When turn signal light is turned on.
5. When lane line is lost.
6. When the braking force is too large.
7. When turning with high speed.
8. When hazard lights are turned on.
9. When EPS system is not ready (such as malfunction).
10. When ABS system or ESP system is activated.
11. When traffic jam assist system/cruise assist system is activated.
12. Steering wheel is operated by driver when LDP applies corrective steering intervention.

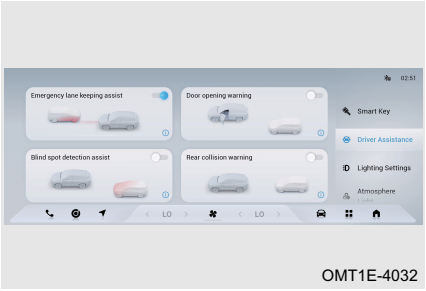
■ Under the following situations, do not use LDP. Failure to do so may cause an accident, resulting in death or serious:

1. When driving on low-quality section.
2. When driving on road construction site.
3. When driving on roads with more curves.
4. At night and when the surrounding light is dark.
5. When driving vehicle in a sporty style.
6. In bad weathers (such as rain, snow, fog).

Emergency Lane Keeping (ELK)

ELK system uses front view multi-function camera and rear corner radar to detect in real time that the vehicle departs from solid lane marker, road edge, oncoming or overtaking vehicles in adjacent lanes, if so, the vehicle continues to lateral movement or the system control lateral movement if necessary, which can keep the vehicle in the original lane and assist driver to reduce traffic accident due to lane departure, improving driving safety.

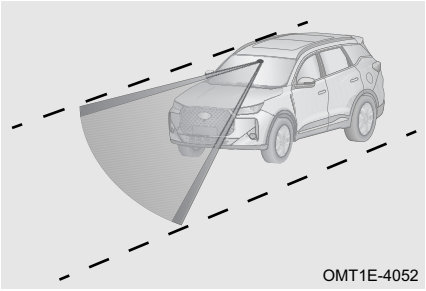
Activating Keeping Assist System (ELK)



OMT1E-4032

Turn vehicle power to ON mode, and turn on Emergency Lane Keeping through Audio System - Vehicle Setting - Driver Assistance.

Note: ELK is turned on by default after the vehicle is powered on.


OMT1E-4052

When vehicle speed is no less than 40 mph (65 km/h) and vehicle target is monitored, ELK enters standby status.

When vehicle speed is no less than 40 mph (65 km/h) and vehicle target is monitored, ELK is activated.

When vehicle speed decreases from above 40 mph (65 km/h) to below 37 mph (60 km/h), ELK enters limit status.

⚠ CAUTION

- Driver performs an active control meeting a large curve.
- Driver performs an active control meeting some conditions such as lane increase, lane merger, etc.
- Driver performs an active control In bad complex traffic environment (such as intersection, heavy traffic road).

Emergency lane keeping indicator

When comes on pre-activated, " " gray indicator on instrument cluster comes on.

When it is activated, " " green indicator on instrument cluster comes on.

When it is operated, " " green indicator on instrument cluster comes on.

When there is fault, " " yellow indicator on instrument cluster comes on.

Function limit

■ ELK may not work properly in the following conditions:

1. When changing lanes.
2. When lane is too narrow.

3. When lane is too wide.
4. When lane line is lost.
5. When the braking force is too large.
6. When turning with high speed.
7. When depressing accelerator pedal with excess force.
8. When hazard lights are turned on.
9. When double solid line lanes are detected and turn signal light is turned on.
10. When EPS system is not ready (such as malfunction).
11. When ABS system or ESP system is activated.
12. When TJA/ICA system is activated.
13. Steering wheel is operated by driver when ELK system applies corrective steering intervention.

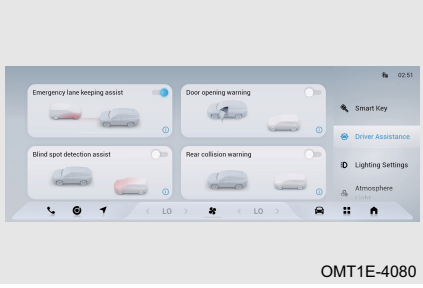
■ Under the following situations, do not use ELK. Failure to do so may cause an accident, resulting in death or serious injury:

1. When driving on low-quality section.
2. When driving on road construction site.
3. When driving on roads with more curves.
4. At night and when the surrounding light is dark.
5. When driving vehicle in a sporty style.
6. In bad weathers (such as rain, snow, fog).

5-7. Blind Spot Detection System (BSD)

Blind Spot Detection System (BSD)

BSD is used to monitor presence of moving vehicles in left and right rear areas of your vehicle and inform driver related information to remind the driver for driving safety and lane-changing safety.



OMT1E-4080

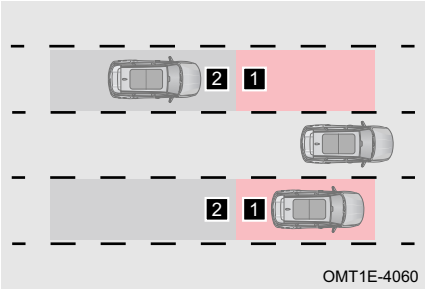
Turn vehicle power to ON mode, and turn on BSD, DOW, RCW, Rear Cross Traffic Alert, RCTB or Reversing Emergency Brake through Audio System - Vehicle Setting - Driver Assistance.

Note: BSD and LCA share blind spot detection switch.

WARNING

BSD just offer assistance to you. It may not work properly under all driving conditions, weather conditions, traffic conditions or road conditions.

Activating Blind Spot Detection System (BSD) /Lane Change Assist System (LCA)



When speed increases to ⩾ 9 mph (15 km/h), BSD enters activating; When speed is decreases from more than 9 mph (15 km/h) to 6 mph (10 km/h), BSD enters pre-activating.

1 Detection area of BSD.

2 Vehicle approaches detection area of BSD.

Level I: If a vehicle enters detection area and meets alarm conditions, level alarm I is triggered. "" yellow indicator on rear view mirror comes on, "" green indicator in instrument cluster comes on.

Level II: On base of level I, turn on the turn signal light in the same side. After level alarm II is triggered, "" yellow indicator on rear view mirror blinks, "" yellow indicator in instrument cluster blinks, alarm sounds.

READ

- Blind spot detection can be set in audio system. For details, refer to "Audio System".
- Turn vehicle power to ON mode, BSD turns on by default.

CAUTION

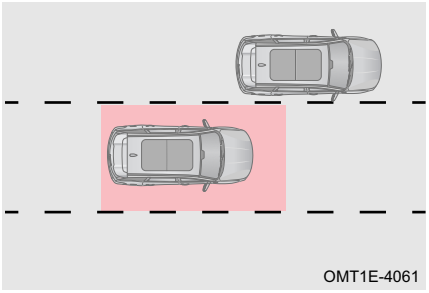
- When lots of snow or ice accumulates on rear bumper and near radar sensor, or if drive on snowy road for a long time, BSD may not work.
- When towing or attaching accessories to rear of vehicle (such as a bicycle carrier), turn off BSD. Otherwise, radar radio waves will be affected, causing system work abnormally.
- BSD/LCA may detects stationary objects on or near a road (such as guardrails, tunnels, side walls, and parked vehicles) to turn on warning light.

Blind Spot Detection System (BSD) indicator

During operation, level alarm I "" green indicator in instrument cluster comes on; level alarm II "" yellow indicator in instrument cluster blinks.

When there is fault, "" yellow indicator on instrument cluster comes on.

Door Open Warning System (DOW)


OMT1E-4061

When vehicle power is in OFF/ACC/ON mode and the vehicle is stationary, if BSD detects approaching vehicles on left and right sides of the vehicle and any door is opened, DOW sounds an alarm to remind the driver/occupant to pay attention to following vehicle when exiting to avoid collision.

Level I: If a vehicle enters detection area and meets alarm conditions, level alarm I is triggered. " " yellow indicator on corresponding side rear view mirror comes on, " " indicator on corresponding side rear door trim panel comes on.

Level II: On base of level I, open the door. After level alarm II is triggered, " " yellow indicator on corresponding side rear mirror blinks, " " indicator on corresponding side rear door trim panel comes on, alarm sounds.

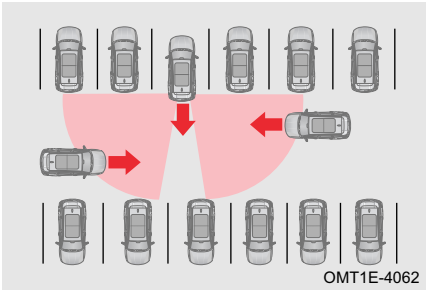
READ
DOW can be set in audio system. For details, refer to "Audio System".

Function limit

■ DOW may not work properly in the following conditions:

1. When the vehicle speed is higher than 0.
2. After turning vehicle power to OFF mode for 5 minutes.
3. When turning vehicle power to OFF mode and enters fortifying mode within 5 minutes.

Rear Cross Traffic Alert System (RCTA)


OMT1E-4062

When vehicle power is turned to ON mode and vehicle is backed up (-shift lever is shifted into R position), BSD detects that vehicles are approaching from left/right sides, " " yellow indicator on rear view mirror blinks and alarm sounds.

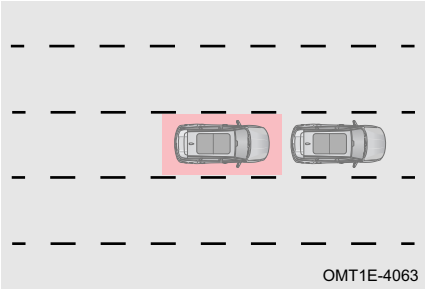
Rear Cross Traffic Braking (RCTB) System

RCTB warns and assists driver in braking when the vehicle power is turned to ON mode, all doors are closed, the steering wheel angle is less than the threshold, the vehicle is backed up (shift lever is in R position), the vehicle speed is no higher than 9 mph (15 km/h) and a vehicle or pedestrian crossing the road is encountered when exiting a perpendicular/oblique parking space. Help drivers avoid collisions with vehicles or pedestrians crossing the road, especially if the driver's view is blocked by vehicles parked nearby.

⚠ CAUTION

- RCTB is an assist function, which can not violate laws of physics and has certain limitations. Driver must always keep control of the vehicle and be fully responsible for the vehicle.
- Certain scenarios can affect and weaken the detection of sensor, and the system may perform unnecessary warning and braking or fail to detect all obstacles.
- Never modify the area around sensor in any way. After modification, it is recommended to turn off RCTB, otherwise the system may apply unnecessary braking.

Rear Collision Warning System (RCW)


OMT1E-4063

With vehicle power in ON mode and vehicle speed ⩾ 9 mph (15 km/h), instrument cluster will sound an alarm when there is a vehicle in the rear lane of the vehicle rapidly approaching the vehicle.

READ

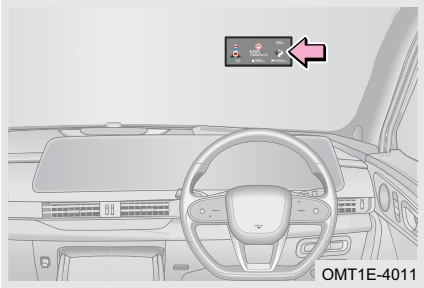
RCW can be set in audio system (For details, refer to Audio System").

5-8. Driving Safety Assist System

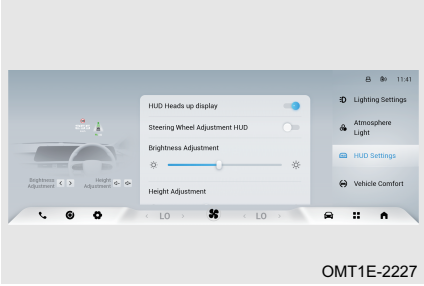
Head Up Display (HUD) System (If Equipped)

Head up display is a driving assistance instrument used in automobiles. Through optical systems and electronic control, the projected information (-such as driving status, driving assistance, navigation, entertainment, etc.) of the head up display is reasonably and vividly integrated with the actual traffic

conditions and superimposed on the driver's effective view field, allowing the driver to obtain corresponding information in real time without adjusting their line of sight, enhancing their perception of the traffic environment.


OMT1E-4011

The head up display is located in the front windshield area.



OMT1E-2227

Turn vehicle power to ON mode, and turn on HUD Head Up Display through Audio System - Vehicle Setting - HUD Display, and set steering wheel adjustment HUD on/off, brightness adjustment, height adjustment, snow mode on/off, HUD information display, and restore default values.

READ

- In snowy weather or poor visibility, it is recommended to turn on snow mode.
- Head up display automatically adjusts the brightness of displayed image according to the collected ambient brightness signal value, so as to adapt to different ambient brightness.

CAUTION

- When the head up digital display is blocked, the head up display cannot be used.
- The front windshield film may affect the brightness of the head up display image.
- If the driver wears polarized sunglasses, there is a risk of not being able to see the head-up display image.
- In extreme sunlight, the image display part may become dark, or even fade away and then recover, which is a normal phenomenon.

Leaving Reminder System (DAI)

DAI allows users to relax and focus on things other than driving when waiting in line at traffic lights controlled intersections or congested roads. When the traffic environment changes, it assists drivers in restoring driving in a timely manner.

■ At intersections controlled by traffic lights or congested roads, when vehicle is waiting in line and meet the following conditions, the system will sound an alarm and the instrument cluster will dynamically display the vehicle ahead to remind the driver to resume driving:

1. Vehicle in front is detected leaving.
2. This vehicle is in a stationary state.
3. ACC system of this vehicle is not activated.

READ

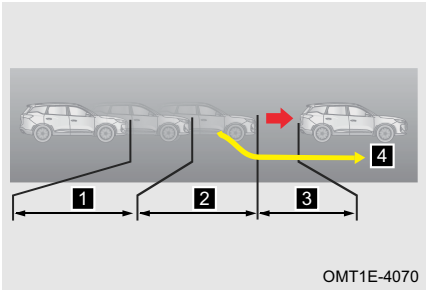
When waiting in line, if another vehicle is inserted between your vehicle and vehicle in front, DAI system abandons the original vehicle target and selects the inserted vehicle as the new target.

5-9. Automatic Emergency Braking System (AEB) / Front Collision Warning System (FCW) (If Equipped)

Automatic Emergency Braking System (AEB) / Front Collision Warning System (FCW)

When vehicle is about to impact vehicle ahead or pedestrian, AEB and FCW work together, sounding an alarm to remind driver, if driver cannot respond quickly enough, vehicle will brake automatically, reducing loss from collision.

Activating Automatic Emergency Braking System (AEB) / Front Collision Warning System (FCW)



1. Start pre-warning before impacting.
2. Start braking partly before impacting.
3. Start emergency braking before impacting.
4. If driver reacts correctly (for example, avoid a collision by steering), the following emergency braking is canceled.

READ

AEB/FCW / distance warning system can be set in audio system. For details, refer to "Audio System".

CAUTION

- When speed is ＜ 30km/h, FCW does not sound an alarm; When speed is ＞ 85km/h, FCW does not sound an alarm for static target ahead.
- Operating speed range of AEB is 4 -53km/h for static vehicle target; Operating speed range of AEB is 4 -80km/h for moving vehicle target; Operating speed range of AEB is 4 -64km/h for pedestrians and cyclists.
- Driver needs to ensure that seat belts have been fastened, doors are closed. Failure to do so, AEB does not work.
- Turn on ESP, FCW, AEB, otherwise, AEB/FCW does not work.
- When AEB is malfunctioning, "" yellow indicator on instrument cluster comes on, please go to authorized service centre for inspection and repair as soon as possible.
- Driver needs to take over vehicle because vehicle does not keep stationary state when vehicle is braked automatically to stop.
- During activation of AEB, driver quickly rotates steering wheel or depresses accelerator pedal firmly, AEB will exit.
- The system may not be available under special conditions (such as desert roads).

⚠ WARNING

- The driver must control vehicle, operate as needed in the whole driving process to avoid danger.
- AEB just offers assistance to you. It may not work properly under all driving conditions, weather conditions, traffic conditions or road conditions.
- The vehicle targets that can be detected by AEB include passenger vehicles, buses, trucks. For some restructured (such as cement tank trucks, special vehicles with higher or lower chassis), AEB has certain limitations in detecting.
- AEB can only play the best role when it detects some characteristics consistent with normal human walking (such as head swing, arm swing, leg swing). AEB regards pedestrians who across the vehicle's lane as target, but AEB does not regard pedestrians who walk longitudinally in the lane, walk on a curve, or is blocked by other objects.
- AEB can only play the best role when it detects body and bicycle contour information as well as normal cycling movements. AEB does not regard an oncoming cyclist as target.
- AEB is not always capable of detecting vehicles, cyclists or pedestrians, and AEB may generate unnecessary braking automatically or do not work for a variety of reasons. AEB is only a driving assistance system to reduce severity of collision, it is not always possible to completely avoid collision in the speed range.

Precautions for Automatic Emergency Braking System (AEB)

1. AEB can not violate laws of physics and has certain limitations. Driver must always keep control of the vehicle and be fully responsible for the vehicle.
2. Driver controls speed and the distance from vehicle ahead according to weathers, road surface conditions, traffic conditions, etc.
3. AEB does not react to animals, crossing vehicles, incoming vehicles, bicycles and pedestrians.
4. System performance will be greatly limited for targets that cut into the lane quickly, targets that are detected after the vehicle changes lanes, and targets in curves.
5. Fasten all seat belts and secure all loads to avoid danger when AEB is triggered.
6. When AEB is malfunctioning, "" yellow indicator on instrument cluster comes on, please go to authorized service centre for inspection and repair as soon as possible.
7. When inspecting the vehicle using a drum tester FCW and AEB should be turned off.
8. When installing non-full size spare tyre, it is recommended that customer turns off FCW and AEB, and replace full-size tyres of original vehicle in time.

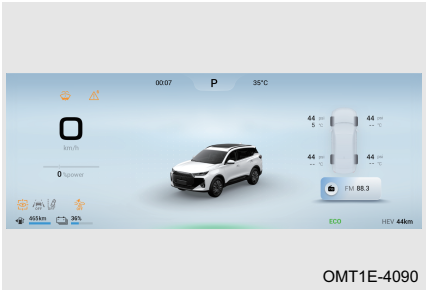
9. In some special circumstances, AEB may perform unnecessary warning and braking, such as crossing the track of the road, entering the underground parking lot turning, etc. Some circumstances will affect and weaken sensor detection, effecting related functions of system, such as tunnel, light of incoming vehicle, reflection of slippery road.
10. Two sensors of radar and camera are installed in the front area of vehicle and behind windshield. Please note that view of sensor should not be covered by pollutants, and front or surrounding areas should not be modified or decorated with license plate frames, etc. Especially, when sensor is completely covered by snow, system function will exit. AEB performance may be reduced or it's function fails due to sensor vibration or collision. In this case, please go to authorized service centre for recalibration for sensors as soon as possible.

Precautions mentioned above do not cover all circumstances that may affect AEB normal operation. AEB function may fail to bring the expected effect due to other reasons. Driver must always assume full responsibility for vehicle control anytime.

5-10. Tyre Pressure Monitoring System (TPMS)

Tyre Pressure Monitoring System (TPMS)

TPMS is an active safety configuration and can monitor pressure and temperature of tyre in real-time. When tyre pressure is too low or temperature is too high, tyre pressure monitoring system alarms.



OMT1E-4090

On driving information screen, move steering wheel button upward/downward to tyre pressure display screen, then tyre pressure and temperature values can be checked.

When speed is higher than 18 mph (30 km/h) for a period of time, tyre pressure and temperature values will be displayed on instrument cluster in real-time; When vehicle power is turned from OFF mode to ON mode (without power-off), tyre pressure and temperature values will be displayed on instrument cluster.

When speed is ＞ 18 mph (30 km/h), if TPMS has not received radio-frequency signal from one or more sensors after several minutes, TPMS will send system malfunction warning. "(!)" yellow indicator on instrument cluster

blinks 75 seconds and then it comes on. At this time, "Abnormal Tyre Pressure, Check TPMS" is displayed and disappeared 5 seconds later but can be checked on tyre pressure display screen.

READ

- Even if vehicle is equipped with TPMS, check if tyre inflation pressure and appearance are normal before driving. Please go to authorized service centre for inspection and repair as necessary.
- Common radio interference sources include vehicle power, driving recorder, air purifier, entrance guard card, remote control, cell phone base station, TV tower, etc.

Low pressure warning

When tyre pressure is lower than 175 kPa and speed is higher than 18 mph (30 km/h) for a period of time, system will send a low pressure warning, corresponding wheel symbol will blink, current tyre pressure value will be displayed and "(!)" yellow indicator on instrument cluster will remain on.

When vehicle power is turned to ON from OFF and tyre pressure is lower than 175 kPa, system will send a low pressure warning, corresponding wheel symbol will blink, current tyre pressure value will be displayed and "(!)" yellow indicator on instrument cluster will remain on.

When low pressure warning occurs, please inflate the tyre to 230 kPa as soon as possible. After the vehicle is driven at a speed higher than 18 mph (30 km/h) for a period of time, low pressure warning will be automatically canceled.

CAUTION

Low tyre pressure will increase fuel consumption and aggravate tyre wear (-serious tyre wear may cause a risk of tyre blowout), inspect causes of air leakage. Please go to authorized service centre for inspection and repair as soon as possible as needed.

High temperature warning

When tyre temperature is higher than 85°C and speed is greater than 18 mph (30 km/h) for a period of time, system will send a high temperature warning, corresponding wheel symbol will blink, current tyre temperature value will be displayed and "(!)" yellow indicator on instrument cluster will remain on.

When vehicle power is turned to ON from OFF and tyre temperature is higher than 85°C, system will send a high temperature warning, corresponding wheel symbol will blink, current tyre temperature value will be displayed and "(!)" yellow indicator on instrument cluster will remain on.

When high temperature warning occurs, after tyre temperature is lower than 80°C and the vehicle is driven at a speed higher than 18 mph (30 km/h) for a period of time, high temperature warning will be automatically canceled.

⚠ CAUTION
When warning for high temperature, stop driving at once to cool down tyres naturally. Do not cool it down by pouring cold water, otherwise, tyre may be damaged, causing an accident. Please go to authorized service centre for inspection and repair as soon as possible as needed.

Function limit

■ TPMS may send system malfunction warning in the following conditions

1. Configuration learning of tyre pressure monitoring system is not performed after replacing wheels (spare tyre included).
2. Sensor may be affected due to electromagnetic shielding caused by installing tyre chains, affecting proper operation of TPMS.
3. Tyre pressure sensor or other components has been damaged, please go to authorized service centre for inspection and repair as soon as possible as needed.
4. TPMS may not work properly due to interference of electronic equipment (-over standard equipment) installed on vehicle, resulting false alarm.
5. TPMS may not operate due to radio interference; And it may be interfered temporarily due to strong electromagnetic radio signals with same frequency (433 MHZ).

5-11. Driver Monitoring System (DMS)

Driver Monitoring System (DMS)

DMS (Driver Monitoring System) uses the infrared camera arranged in the cabin to monitor driving status of driver in real time and collects the face image of driver (such as yawning, eyes closed, nodding, etc.) and line-of-sight area information in real time, judging the driver status in real time. The camera only captures the face of driver, does not capture the rest of the vehicle. The entire face information captured will not be used for personal identification and will not be stored. The system is enabled by default.

■ Main function

1. Determine if driver is fatigued by monitoring facial expression, eye closure, blinking frequency, etc. of driver. When detecting that driver is in a state of fatigue, pop-up window will display on instrument cluster and an alarm sounds;
2. Determine where the driver is looking and if the driver is distracted by tracking driver line-of-sight. When the driver is detected to be distracted, pop-up window will display on instrument cluster and an alarm sounds;
3. The system is enabled by default every time the vehicle is started, and can be turned off manually on head unit screen. After each power-on, the

system will perform self-check, when the camera is blocked or system is malfunctioning, the corresponding prompt will display on instrument cluster.

⚠ CAUTION

- DMS can be set in audio system. For details, refer to "Audio System".
- When driver monitor system is activated, "" indicator on the meter comes on; when driver monitor system is abnormal, "" indicator on the meter comes on. Please go to authorized service centre for inspection and repair as soon as possible.
- When the vehicle speed is higher than 6 mph (10 km/h), driver monitor system will sound an alarm when the system detects that driver is in a fatigued driving state.
- When the vehicle speed is greater than 12 mph (20 km/h), driver monitor system will sound an alarm when the system detects that driver is distracted or does not respond to the reminder.

⚠ WARNING

Driver fatigue monitoring system is only an auxiliary tool. In any case, the driver should be responsible for the safety of the vehicle. Fatigue and distracted driving are strictly prohibited. He/she must always concentrate on driving carefully.

5-12. Parking Assist System

Parking View Monitor System (RVC) (If Equipped)

RVC collects the rear view image of vehicle through rear camera and displays the rear view and lane guideline by audio head unit, providing safety and easy parking for driver.

Usage methods

Move shift lever to R to enter RVC system screen, and the screen will display the parking view monitor and lane guideline. Lane guideline varies depending on steering wheel rotation and it is used for prejudging the reversing traveling trace.

⚠ CAUTION

- Use the distance as a reference (such as on the hill).
- Vehicle width guideline and predicting line are wider than the actual line.
- Do not scratch the lens when cleaning dirt or snow on the camera surface.
- If tyre is replaced with a different size, the displayed predicting line is different from the actual line, please use the rear view mirror or check and determine distance to other objects actually.

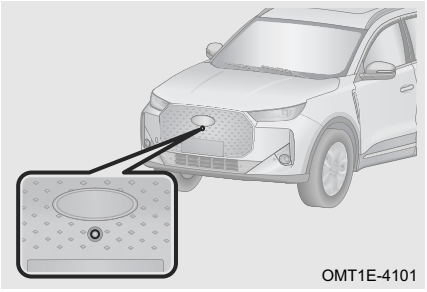
⚠ WARNING

- When reversing, make sure that back door is firmly closed.
- Never distract your attention from surrounding traffic due to images on display.
- Due to the limited monitoring range, RVC cannot view the bottom and corners of bumper.
- When reversing, always pay extra attention to surrounding children, small animals and objects, because they cannot always be detected by camera.
- Because rear camera use wide-angle lens, object distance displayed on RVC is different from the actual distance.
- Never hit the lens. They are precise instrument. Failure to do so may lead to malfunction or damage, causing a fire or electric shock.
- When washing the vehicle body with high-pressure water, do not spray water around the camera, otherwise, water will enter camera and condense on the lens, causing malfunction, fire, or electric shock.
- RVC is convenient, but it is not a substitute for correct reverse operation. When reversing, be sure to look around to check if the surrounding is safe and reverse slowly.
- Rear camera lens may enlarge and distort the view, so image on display is different from real object or it cannot reflect the real object accurately, and there is also blind spot and a little delay.

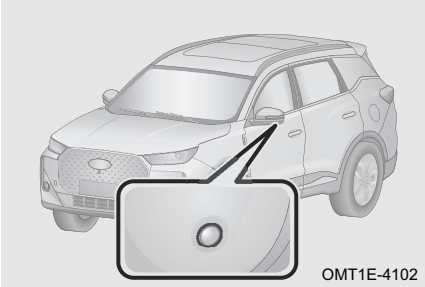
Panoramic View Monitor System (AVM) (If Equipped)

AVM collects the surrounding view image of the vehicle through four cameras and displays the surrounding view and lane guideline by audio head unit, providing safety and easy parking for driver.

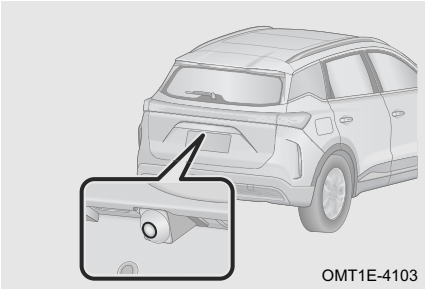
Camera Layout



Installation position of front camera: Located at intake grille of front bumper.

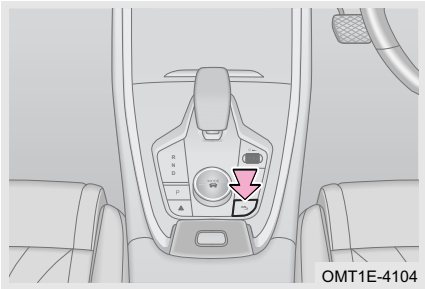


Installation position of left/right camera: Located at the bottom of left/right outside rear view mirror.



Installation position of rear camera: Located on center part above the rear license plate.

Usage methods



Turn vehicle power to ON mode, and vehicle speed is lower than 12 mph (20 km/h):

Method 1: Move shift lever to R to enter AVM system; Move shift lever out from R to exit AVM system.

Method 2: Press " AVM " button to enter AVM system; click " AVM " button to exit AVM system.

Method 3: Turn on the left/right turn signal light to enter panoramic view monitor system (it is necessary to turn on "operate turn signal lights to activate panoramic view monitor" in panoramic view monitor system setting); Turn off left/right turn signal lights to exit panoramic view monitor system.

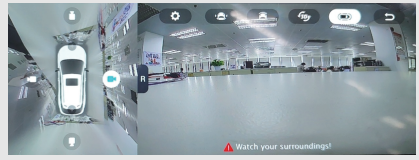
Method 4: Turning at a large angle to enter AVM system (it is necessary to turn on "turn to activate panoramic view monitor" in AVM system setting).

Note: After turning vehicle power to OFF mode or vehicle speed is higher than 18 mph (30 km/h), it exits panoramic view monitor system.

READ

AVM provides driving assistance convenience, but the object in the image does not reflect the actual size and obstacle distance. Comparing with the actual image, the image has a little delay and blind spot. Therefore, the panoramic view function is not a substitute for driver’ s operation and judgment. Driver should pay attention to the surroundings and drive safely during turning on/off and using the function.

Switching view



OMT1E-4105

Click "↩" button, and shift lever is not in R, exit AVM.

Click "⚙" button to enter panoramic view monitor system setting.

Click " " button to switch to unilateral + birds-eye view.

Click " " button to switch to 3D view + birds-eye view. Click " " button around the birds-eye view of vehicle to switch the corresponding 3D view.

Click " " button to switch to front wide-angle view, and then click button again to switch to rear wide-angle view.

Click " " button to switch to front wheel side view, and then click button again to switch to rear wheel side view.

READ

AVM is very helpful for parking and safety driving. It is recommended that you should be familiar with this function in an open and convenient area.

⚠ CAUTION

- Do not scratch the lens when cleaning dirt or snow on the camera surface.
- Do not place any object on the camera of AVM.
- The object distance seen from the AVM is different from the actual distance.
- Before using AVM, make sure to extend outside rear view mirrors and close the back door firmly.
- AVM has been calibrated professionally before leaving the factory. Any removal/installation and changes on camera installation position and angle without permission may affect the function and effect of AVM.
- AVM provides driving assistance convenience, but the object in the image does not reflect the actual size and obstacle distance. Comparing with the actual image, the image has a little delay and blind spot. Therefore, the panoramic view function is not a substitute for driver's operation and judgment. Driver should pay attention to the surroundings and drive safely during turning on/off and using the function.

System setting



OMT1E-4106

[AVM Start Animation] Click "AVM" button for the first time to enter AVM and panoramic view starting screen.

[AVM Activation From Turn light] When turning on left/right turn signal light, 3D view of rear left/right side of vehicle will be displayed.

[Panorama activated in corner] Turning at a large angle to enter AVM.

[Auto Zoom View] Enter enlarged view automatically based on obstacle distance.

[Door Opening Warning] Prompt the status of moon roof, doors and back door.

[Vehicle trajectory display] When entering AVM, load the static/dynamic lane guideline and wheel track line.

[Park distance control display] Display corresponding radar distance information (red, yellow, green areas).

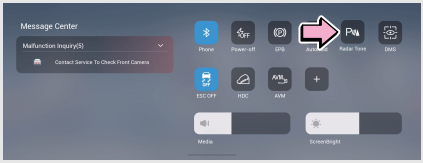
[Transparent vehicle body] Set and display the corresponding license plate number information on vehicle model.

[Restore default settings] Restore default settings.

Parking Radar System

Parking radar system is a radar detection device, adopts radar sensors (if equipped) to detect if there are obstacles from front/rear of vehicle and distance from obstacles. The driver is prompted by the audio head unit display, sound alarm, etc., so as to assist the driver to park safely and easily.

Parking radar system switch (if equipped)



OMT1E-4110

Turn vehicle power to ON mode, click "P" button to turn on parking radar system; When shift lever is not in R, click "P" button again to exit parking radar system.

Note: When parking radar system is operating and vehicle speed is higher than 9 mph (15 km/h), it exits parking radar system; when vehicle speed is less than 9 mph (15 km/h), it is necessary to click "P" button again to reactivate the system.

READ

Only models with 8 sensors are equipped with parking radar system switch.

Usage methods

For models with 4 sensors: Turn vehicle power to ON mode and move shift lever to R position to activate parking radar system; When a radar sensor detects an obstacle, audio head unit displays distance from obstacle (red, yellow, green areas) accompanied by alarm sound.

For models with 8 sensors: Turn vehicle power to ON mode, click "P" button or move shift lever to R position to activate parking radar system; When a radar sensor detects an obstacle, audio head unit displays distance from obstacle (red, yellow, green areas) accompanied by alarm sound.

Note: If radar sensor is malfunctioning, parking radar system will sound for 2 seconds when it is turned on. When parking brake is applied or shift lever is in P position, radar sensor malfunction warning sound will be shielded.

READ

- Monitoring distance is the shortest vertical distance between obstacle and radar sensor.
- When parking brake is applied or shift lever is in P position with front radar activated, audio head unit will only display arc information, and audio head unit prompt does not sound.
- For models with 8 sensors, move shift lever to R position to activate parking radar system (regardless of whether parking radar system is turned on before moving shift lever to R position), parking radar system still operates when shifting to other positions.

CAUTION

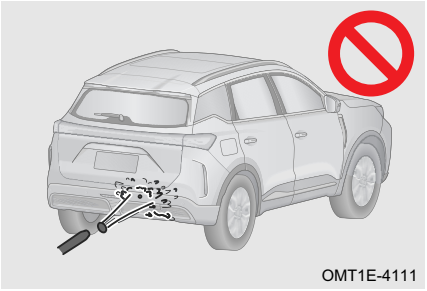
- For obstacles out of detection range, radar sensors will not alarm.
- When vehicle is moving, be aware that the reverse radar sensors on the other side may get close to other obstacles.

Function limit

■ Parking radar system may not work normally in the following

1. When vehicle is on a steep slope.
2. When driving in jelly-like snow or in rain.
3. Low objects such as rocks, etc. cannot be detected.
4. Objects that are higher than bumper cannot be detected.
5. Thin objects such as wires, fences and ropes, etc. cannot be detected.
6. When vehicle is equipped with a high frequency radio or antenna is in use.
7. When radar sensor surfaces are frozen, they will not detect any obstacle.
8. When radar sensors are covered by dirt, snow or mud, they may not detect obstacles.
9. Objects that easily absorb ultrasonic waves (Let: soft snow, cotton, sponge) cannot be detected.
10. When there is noisy near the vehicle, (such as vehicle horns, motorcycle engines, air brakes of large vehicles, or other loud noises producing ultrasonic waves).
11. If obstacles are detected by multiple radar sensors, the distances between each radar sensor and obstacles are displayed on audio head unit simultaneously, and system sounds according to nearest obstacle.

Cleaning radar sensor

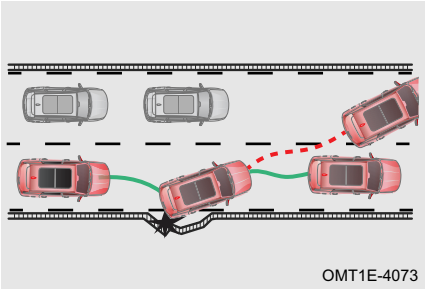

OMT1E-4111

When washing vehicle, use a soft cloth or water (low water pressure) to wash off foreign matter such as snow, mud, and dust on the surface of the radar sensor.

High pressure water flow such as water guns or large external forces may cause damage to the radar sensors. Do not pinch or impact the radar sensors, or it may be resulting in abnormal operation.

5-13. Multi-Collision Brake System (MCB)

Multi-Collision Brake System (MCB)


OMT1E-4073

When the multi-collision brake system detects that the vehicle has collided, the electronic stability control system performs active braking, and decelerates the vehicle to prevent the vehicle from being collided again. In the process of braking, it can still maintain control of the vehicle, which can further ensure the safety of yourself and passers-by.

Function limit

Under the following conditions, multi-collision brake system may not operate correctly:

- When there is a malfunction in the airbag system.
- When there is a malfunction in the electronic stability program system.
- When the electronic stability program system is turned off.

5-14. Braking Force Control System

Electronic Stability Control System (ESP)

ESP keeps vehicle stability when oversteering or understeering. When oversteering or understeering is detected, system applies brake to one or more wheels to enhance control of vehicle stability. ESP also extends some

functions (such as ABS and EBD, etc.) to ensure the lateral stability when vehicle driving.



OMT1E-3040

Turn vehicle power to ON mode, click " " button to turn off electronic stability control system; Click " " button again to turn on electronic stability control system.

READ

- Turning on/off of ESP should be set in instrument cluster. For details, refer to "Instrument Cluster".
- ESP alarms after replacing the non-full size spare tyre. After returning to the normal size tyre, it will automatically return to normal after driving 1km.

Electronic Stability Program (ESP) system indicator

When turning off, " " yellow indicator on instrument cluster remains on.

During operation, " " yellow indicator on instrument cluster blinks.

When there is a fault, " " yellow indicator on instrument cluster remains on.

READ

Electronic stability control system alarms abnormally after replacing with the non-full size spare tyre. After using the normal size tyre and driving for 1 miles (1 km), it will automatically return to normal.

WARNING

- When ESP is malfunctioning, please go to authorized service centre for inspection and repair as soon as possible.
- Even when ESP is working, high speed driving, sharp turns or poor road conditions can cause an accidents.
- ESP function does not completely ensure that you can take over vehicle if it is lost control under various extreme situations. Even with ESP, always follow laws and regulations to avoid accidents.
- The function of driver assistance relies on ESP for safety. If ESP is turned off, many functions of driver assistance will not be available, temporary malfunction light may appear on the instrument cluster to indicate that the function is not available (not driver assistance system failure). In order to continue to use the driver assistance function, turn on ESP function again, the driver assistance function will recover.

Function limit

■ Under the following conditions, ESP needs to be turned off

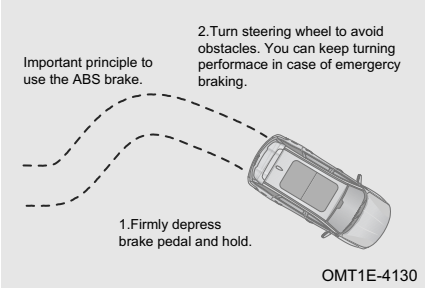
1. When driving with tyre chains.
2. When starting vehicle on power tester.
3. When driving on roads with deep snow or loose roads.

READ

To improve vehicle traction when driving on sand or gravel, it is recommended to turn ESP off.

Anti-lock Brake System (ABS)

ABS can prevent wheel from being locked in excessive braking or braking on the slippery road, avoiding vehicle sideways slippage or vehicle drifting and keeping vehicle stability.



ABS does not function during normal braking and it will be turned on immediately only during sudden braking (brake pedal pulsates with noise, ensuring brake performance and steering performance, if the space is enough, the vehicle can also avoid obstacles). Never release brake pedal in this case.

WARNING

- Always drive carefully and make sure to decelerate during turning.
- When ABS is malfunctioning, please go to authorized service centre for inspection and repair as soon as possible.
- Although ABS can ensure the best braking effect, braking distance will vary largely due to road conditions.
- Also, ABS cannot eliminate risks arising from close-following driving, wading, turning quickly or driving on poor road surfaces and cannot avoid accidents caused by inattentive or inappropriate driving.
- ABS cannot ensure that brake distance can be shorted in any situations. When vehicle is equipped with tyre chain, on sand or snow covered roads, vehicles with ABS may require a longer braking distance compared to vehicles without ABS.

Anti-lock Brake System (ABS) indicator

When there is fault, "(ABS)" yellow indicator on instrument cluster comes on.

> ⚠ WARNING
>
> When ABS indicator and brake system indicator remain on at the same time, park your vehicle on a safety place far away from traffic main artery and go to authorized service centre for inspection and repair immediately.

Function limit

■ ABS will make operation sound in following conditions

1. Rebounding sound of brake pedal.
2. Impacting sound between suspension and vehicle body due to emergency braking.
3. Operation sound of motor, solenoid valve and return pump in hydraulic unit.
4. Operation sound of solenoid valve when EBD is intervened in braking.
5. Buzz will be heard for a short time after vehicle is powered on or starting engine, indicating system self-test is performed.

■ Always maintain a safe distance from vehicle ahead in the following situations

1. When driving on rough roads.
2. When driving on roads with potholes or uneven surfaces.
3. When driving with tyre chains.
4. When driving on dirt, gravel or snow-covered roads.

> ⚠ CAUTION
>
> Tyre size and tread pattern wear will seriously affect ABS performance. Tyre used to replace should have same size, load capacity and structure as original one. When tyre is abnormal, it is recommended to replace with a original type at authorized service centre.

> ⚠ WARNING
>
> - When driving in rainy day, properly control the vehicle speed, if wheel spins or slips, ABS will cannot control the vehicle.
> - Although ABS can help to control vehicle, make sure to drive carefully, maintain a moderate speed and keep safe distance from preceding vehicles. There are certain limitations in vehicle stability and steering wheel operation effect even ABS operates.

Extended Function (If Equipped)

Brake Force Distribution System (EBD)

EBD automatically adjusts braking force distribution ratio of front and rear axles according to axial load transfer difference caused by braking to improve braking efficiency. In addition, EBD works together with ABS to improve

braking stability. Also, when braking in curve, brake force of inside and outside wheel can be adjusted to improve braking stability.

Hill-start Assist ControL(HAC)

HAC system can prevent vehicle from moving backward when starting off on uphill. After vehicle is stationary, HAC adopts longitudinal acceleration sensor to determine if the vehicle is on a slope. When vehicle starts from stationary state on a slope to drive or reverse upwards, HAC automatically operates. When starting off, after driver releases brake pedal, system maintains previous braking pressure about 1-2 seconds to hold the vehicle. As increasing of drive torque, brake pressure reduces gradually, avoiding accidents caused by moving backward when starting off on a slope.

Brake Assist System (BAS)

BAS system is used to shorten the braking distance in emergency braking. In an emergency, driver usually brakes in time, but generally does not apply the maximum braking force, thus lengthening braking distance. In this case, BAS will operates: When driver depresses brake pedal rapidly in an emergency with insufficient force, BAS quickly increases brake pressure to maximum level, making anti-lock brake system shorten braking distance more quickly and effectively.

5-15. Plug-in Hybrid Electric Vehicle System (PHEV)

PHEV can be driven by fuel energy and electricity energy, which combines the advantages of electric vehicle and fuel vehicle, there is no need to worry about driving mileage of electric vehicle and high fuel consumption of fuel vehicle. It satisfies economy, energy-saving and environmental friendly.

Power Battery

Basic function of power battery

The main method of charging power battery is to plug in the external power gun for charging, and power battery can also be charged by motor when braking, sliding or starting engine.

The vehicle has intelligent recharging function. When the function is triggered, 12 V battery will be charged by power battery. Therefore, when the vehicle is started again after being placed for a period of time, SOC or pure electric driving mileage displayed on instrument cluster will decrease, which is a normal phenomenon.

■ Since the performance of power battery will decline in low temperature environment, the following treatment methods will help you to use the vehicle better:

1. If ambient temperature is lower than -10℃, it is recommended to park vehicle in a warm house or a garage with room temperature.

2. If there is no warm house or garage with room temperature, the vehicle has charging and heating functions of plug-in charging gun. If charging gun is connected, it is recommended to select travel reservation function half an hour before departure, which can increase power battery temperature to the best state and turn on air conditioning in advance, so that you can have a better driving experience.

■ The following methods will help power battery to be in the best state:

1. It is recommended to charge the power battery fully with a charging device at least once every month.
2. When SOC is less than 20% during driving, avoid sudden acceleration and high-speed driving, and charge it as soon as possible.
3. When the vehicle is not used for a long time, park it in a place where the ambient temperature is lower than 45 ℃ and there is no ponding, and try to avoid direct sunlight.
4. When the vehicle is not used for a long time, SOC displayed on instrument cluster may be inaccurate. Do not judge the remaining power of power battery based on SOC, and charge battery fully before driving.
5. When the vehicle is not used for a long time, the power battery should be charged and maintain the SOC at 50%-70%. Failure to do so may cause excessive discharge of the power battery and decrease the power battery performance, and vehicle malfunction and damage caused by this will not be guaranteed.
6. For a new vehicle, when the power battery is in normal condition, vehicle driving mileage may fluctuate due to driving habits (such as frequent acceleration and deceleration), road conditions (such as driving on a large and long slope), temperature (such as low temperature) and whether electric equipment (such as air conditioning) is turned on, which is a normal phenomenon.
7. Power battery is a special chemical product, which needs to be used and maintained properly, so proper daily use and maintenance is very important for performance maintenance. At the same time, power battery will decline naturally due to chemical characteristics. Therefore, for vehicles that have been used for a period of time, when trip mileage decreases after battery is fully charged, it is recommended to go to authorized service centre for inspection. If authorized service centre checks that the total capacity of power battery is in normal range, the decrease of trip mileage may be caused by external reasons such as driving habits, temperature etc.

Power battery recovery

■ Recover and disposal range

Power battery whose residual capacity and charge and discharge performance after using cannot guarantee the vehicle normal driving, or is not used again after it is removed due to other reasons.

■ Recover and disposal process

The power battery is installed on the vehicle chassis, which consists of lithium battery cells. Disposal at will can cause pollution and harm to the environment.

According to relevant regulations, vehicle owner is obliged to hand over used power battery to recycling service stations. It is strictly forbidden to hand over used power battery to other units or individuals. The vehicle owner shall be responsible for environmental pollution or safety accidents caused by unauthorized removal or disassembly of the power battery.

Be sure to dispose according to the following information or requirements. For details on the recycling and disposal of power battery, please go to authorized service centre.

1. The temporary recycling service centre for used power battery is the local authorized service centre.
2. The disassembly of power battery must be performed by professional serviceman with certification qualification of power battery supplier.
3. The power battery belongs to the 9th category of dangerous goods and must be transported by vehicles with the 9th category of dangerous goods transportation qualification.
4. The removed power battery should be stored in a normal temperature, dry environment, away from flammable materials, heat sources, water sources and other hazards.

⚠ WARNING

- Do not dispose of power battery by yourself.
- Do not sell, transfer or modify power battery.
- When power battery needs to be repaired, removed, replaced and disposed, always go to authorized service centre.

Usage precautions for power battery

Power battery belongs to high voltage energy-storage device and dangerous goods. It is necessary to go to authorized service centre to have professional serviceman install and maintain power battery and observe related safety regulations strictly; Non-professional serviceman and improper operation and use may cause serious results such as electric shock, combustion, explosion etc. Non-professional serviceman are prohibited to install, repair power battery and abuse it beyond specified range. Power battery damage and other losses caused by using it without observing requirements or beyond specified range will not be guaranteed. Pay attention to the following:

1. Anti-shock and anti-collision

   The battery cells of power battery are connected in series and equipped with management system and various sensor devices, so be careful when driving on uneven roads to prevent power battery from bumping.

2. Heat insulation in any environment

   Keeping power battery in the best operating temperature range can greatly prolong the service life of battery and improve safety performance, so try to park vehicle in heat insulation and ventilated places.

3. Moisture-proof and water-proof

   Power battery is a high voltage energy-storage device with many high voltage control circuits and battery cells. The liquid entering power battery may cause short circuit, electricity leakage and corrosion of battery cells, electric circuits and connectors. Make sure that power battery will not be soaked by various liquids and moist air will not enter the power battery.

New Energy Settings

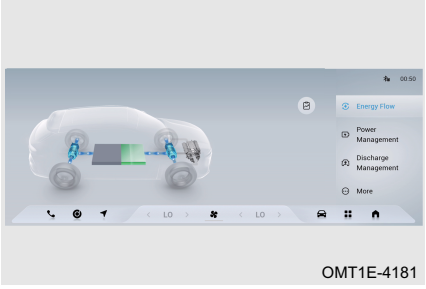


OMT1E-4180

Click new energy on APP screen to enter new energy setting screen.

New energy setting screen includes energy flow, power management, charging/discharging management and other settings.

Energy flow



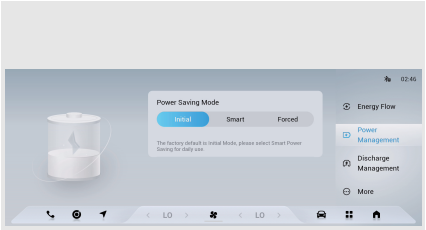
OMT1E-4181

Energy flow screen displays current energy flow condition.

Energy Flow Condition	Description
Pure electric drive	Only motor drives the vehicle, the engine is not working.
Extended range mode (charging)	Engine charges power battery, motor drives the vehicle and power battery is charging.
Extended range mode (discharging)	Engine charges power battery, motor drives the vehicle and power battery is discharging.

Parallel drive	Engine and motor drive vehicle at the same time.
Engine direct drive	Engine drives vehicle directly.
Charging when driving	Engine charges power battery when engine drives the vehicle.
Braking feedback	Motor recovers braking energy and charges power battery.
Charging when parking	Engine charges power battery when parking.

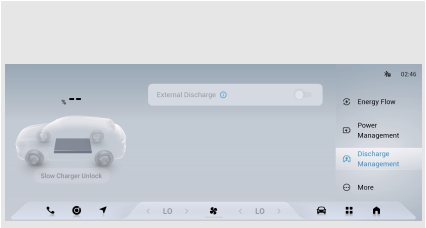
Power management



OMT1E-4182

Power management screen can be selected to initial mode, smart mode, and forced mode according to your needs. It is recommended to select smart mode, which can achieve a better balance of driving power and economy.

Discharging management



OMT1E-4183

External discharge: Connect the discharging gun, set the discharging time to discharge.

Other settings



OMT1E-4184

Energy recovery intensity, pure electric mileage display, driving distance display, ECO mode and disclaimer can be set on setting screen according to your needs.

Departure time: With the charging gun connected, the vehicle will preheat thebattery and start the A/C in advance.

Energy recovery intensity: Set low/medium/high.

Battery range display settings: Set battery level/standard mileage/dynamic mileage.

Driving distance display: Set total distance/HEV distance/EV distance.

ECO mode: After turning on, ambient light will be automatically turned off, and the screen brightness and volume will be reduced to reduce power consumption.

Disclaimers: Click to check.

READ

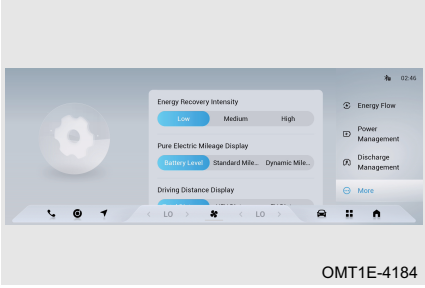
Appointment trip is only suitable for AC charging and private charging piles, and it is recommended to be realized with the charging gun connected. The charging piles that use card swiping or code scanning are not available.

WARNING

The pedestrian protection sound can only be turned off when there is no other road user within a short distance and the surrounding environment clearly does not require a prompt sound. As long as pedestrian is likely to appear around the vehicle, pedestrian protection sound needs to be turned on.

Energy Recovery Intensity

When vehicle is coasting, the system will convert the mechanical energy into electrical energy to recover energy and charge the power battery, thus reducing energy consumption.



OMT1E-4184

Set energy recovery intensity on head unit system: Low/medium/high.

The following information will help you understand energy recovery grade and you can select according to your needs.

Energy Recovery	Function
Low energy recovery grade	The vehicle coasts for a long distance and driving comfort is better.

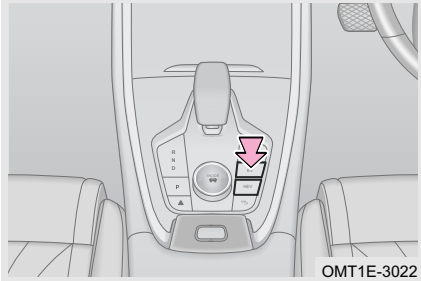
Medium energy recovery grade	It is suitable for most driving habits because it combines driving comfort and energy recovery efficiency.
High energy recovery grade	Vehicle deceleration is highest and it can recover more energy.

READ

Energy recovery intensity is set as low or medium for a better balance of driving comfort and economy. Energy recovery intensity is set as high, which may cause a dragging feeling, so it is recommended for high speed driving.

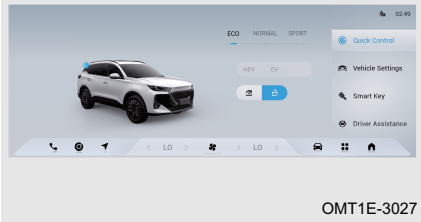
Operating Mode

Power mode



OMT1E-3022

After starting the vehicle, press EV/HEV button to switch the power mode; The corresponding EV/HEV indicator on instrument cluster comes on to prompt you that power mode is switched successfully.



OMT1E-3027

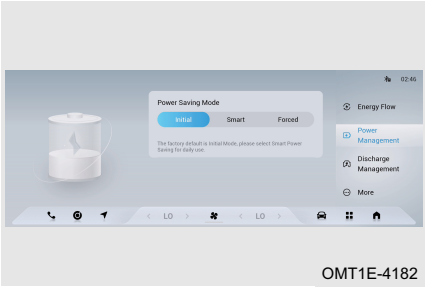
After starting the vehicle, select EV/HEV button on head unit system to switch the power mode; The corresponding EV/HEV indicator on instrument cluster comes on to prompt you that power mode is switched successfully.

Power Mode	Description	
EV mode	EV	The vehicle is driven by pure electricity and the engine does not start.
HEV mode	HEV	The vehicle is driven by hybrid power, and the engine can start or stop at any time to participate in driving or power generation according to requirements of working conditions.

READ

- When the power battery level is higher, the vehicle will automatically switch to electric mode (EV mode) when it is powered on. It is recommended that you prioritize the use of electric mode (EV mode).
- With vehicle in READY state, P gear and HEV mode, when the power battery level is below a certain value, depressing the accelerator pedal can trigger the forced parking power generation function.
- When vehicle runs continuously in electric mode, pure electric driving mileage decreases with the decrease of battery level. When power battery level is too low, it will switch to HEV mode automatically.
- In some conditions (such as low battery level), it may be impossible to switch from HEV mode to electric mode, and "Current Conditions Not Met, Mode Cannot Be Switched" will be displayed on instrument cluster.
- If vehicle is used in electric mode for a long period of time, the lubrication condition of engine may deteriorate due to infrequent use, therefore, the engine will be automatically started for self-maintenance at regular intervals. Once the maintenance is completed, the engine will automatically shut down.

Power management



OMT1E-4182

Battery protection mode can be selected in power management screen according to your needs.

It is recommended to select the smart battery protection mode, which can achieve a better balance of economy and power.

Battery Protection Mode	Function	Common Usage Scenarios
Initial mode	The maximum battery power can be discharged to achieve the maximum pure electric driving mileage.	Suitable for daily driving and have charging conditions.

Smart battery protection mode	Prioritize the fuel economy, intelligently select the best charging time while driving, and reserve energy for pure electric or high-power driving.	Suitable for daily driving.
Forced battery protection mode	Prioritize the battery level holding to get as close as possible to the target battery level, so as to reserve energy for pure electric or high-power driving. Fuel economy will deteriorate in this mode.	Suitable for travel routes that are expected to have mountain roads or congested road conditions.

READ

- In non-forced battery protection mode, when vehicle is powered off and then powered on again, it will enter the battery level mode memorized before powering off.
- In forced battery protection mode, different target battery levels can be set based on specific needs, at the same time, you can select whether to memorize the forced battery protection settings. If "Memorized" is selected, it is still the forced battery protection next time the power is turned on; If "Not memorized" is selected, it will switch to smart battery protection mode next time the power is turned on.

Operating mode linkage

Power Mode		Driving Mode	Battery Protection Mode		
			Initial mode	Smart battery protection mode	Forced battery protection mode
EV mode	EV	Normal mode	√	√	√
		Eco mode	√	√	√
HEV mode	HEV	Normal mode	√	√	√
		Eco mode	√	√	√
		Sport mode	√	√	√

Electric mode supports all battery protection modes, electric mode (EV mode) does not support the sport mode, If sport mode is selected in electric mode, the power mode will automatically switch to HEV mode even if there is no operation in the power mode.

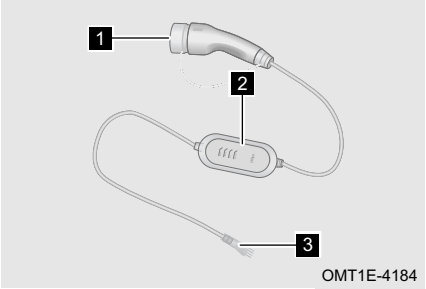
HEV mode supports all driving modes and battery protection mode, and switches to electric mode by switching operation; If the switching conditions are not met, it will remain in the HEV mode, and "Current conditions not met, mode cannot be switched" will be displayed on instrument cluster.

READ

Pure electric driving mileage may be affected by the following factors:

- Driving habits: Frequent acceleration and deceleration or intense driving will result in shorter mileage compared to constant speed driving.
- Usage of equipment such as air conditioning: Turning on the air conditioning for cooling or heating will result in shorter mileage compared to turning off.
- Road conditions: Bumpy roads or long uphill roads will result in shorter mileage compared to flat and dry road conditions.
- Temperature: Available power or driving mileage will decrease as the temperature decreases, and low temperature environments will result in shorter mileage compared to room temperature environments.
- During actual usage, driving mileage will also show different variations due to weather, roads, congestion and other factors.

Charging Device



1 Charging gun

2 Control box

3 Charging plug (Due to market differences, the charging plug style is subject to the actual vehicle)

READ

- When inserting charging gun to charge, the charging gun will be locked automatically.
- After charging is completed, if vehicle is in the disarming state, charging gun will unlock automatically; if vehicle is in the arming state, charging gun will remain be locked, and can only be unlocked after vehicle is in the disarming state.

READ

Dear users, in order for you to reasonably use the on-board AC slow charging gun for safe charging, the following tips are hereby given. Please read them carefully and use them as required.

- Please use the national standard single-phase power supply socket with the specification of AC250V16A, and use copper core conductor with a wire diameter no less than 2.5 mm ² as the socket wiring, and it must be well grounded;
- The front end of power supply socket must be equipped with a leakage protection air switch. The specifications of the leakage protection air switch are a single-phase rated current of 20 A and a leakage protection threshold of 30 mA;
- It is strictly forbidden to use non-standard power supply equipment such as old socket, universal socket, adapter, adapter cable, modified socket, and grounding Device;
- If the surface of AC slow charging gun or power supply socket is damaged, rusted, blackened, melted, deformed or other abnormalities, please do not charge;
- It is strictly forbidden to soak the entire power supply plug or AC slow charging gun in water. It is strictly forbidden to charge outdoors in rainy and snowy weather or flammable, explosive and other dangerous environments. Do not clean the vehicle while charging;

READ

- When inserting and unplugging the charging plug, please hold the plug or handle, do not pull the wire, and ensure that the plug and jack are inserted in place;
- It is strictly forbidden to unplug the vehicle plug or power supply plug during charging. If there is an emergency, please manually disconnect the leakage protection air switch to cut off the power;
- If charging is stopped when charging does not automatically end, after the power supply socket is manually disconnected or leakage protection air switch on socket cuts off the power supply automatically, manually remove the charging gun.
- When collecting the AC slow charging gun, it is strictly forbidden to throw it away, which will cause product damage. The dust cover must be installed in place after use;
- During charging, if the temperature of the power supply port rises abnormally, please check if the power supply socket is aging and replace the power supply socket in time.

CAUTION

- Due to safety electricity regulations, it is not recommended to use this device for charging on rainy days.
- It can be only used when the power supply is equipped with circuit breaker (RCD).
- In crowded places, users should place cables horizontally as far as possible during charging.
- If the cables are too long, do not pull the cables by force.
- Lay cables on a flat road without sharp gravel or glass debris.
- Be careful not to use it in places with corrosive liquids, flammable dust, strong corrosive.
- In common aisle or outdoor across road sections, it is necessary to build bridges or use underground crossings, especially to prevent heavy vehicles from repeatedly crushing.

⚠ CAUTION

- The cable itself is heavy, please avoid vertical suspension, it is easy to be affected by wind, long-term shaking and vibration will reduce the cable life.
- Never use free cables longer than 7.5 m to charge.
- When ambient temperature is lower than 0℃, charging time is longer than usual.
- Please insert and unplug the charging gun vertically as carefully as possible to prevent damage to the vehicle or charging device.
- Household AC charging uses on-board charging device to charge, it is recommended to use 220V 50Hz 8A special AC circuit with grounded socket. Special circuit can prevent short circuit or line trip protection due to high power when charging power battery. If special circuit is not used, the normal operation of other devices on the line may be effected.

■ Description of indicators state on control box

Operating/ Malfunctioning Condition	Power Indicator (Red)	Charging Indicator (Green)	Malfunction Indicator (Yellow)
Initial state	Remain on	Flash once	Flash once
Waiting for charging mode	Remain on	Turn off	Turn off
Normal charging mode	Remain on	Flash ①	Turn off
Charging completed	Remain on	Remain on	Turn off
Grounded malfunction	Flash	/②	Flash
Leakage malfunction	Remain on	Remain on	Flash
Overcurrent malfunction	Remain on	Remain on	Remain on
Over-temperature malfunction	Remain on	Turn off	Flash
Overvoltage/ undervoltage	Flash	Turn off	Remain on

① Indicator flashes every 2 seconds, that is, it comes on for 1 second and goes off for 1 seconds;

② "/" indicates that the indicator remains the state before malfunction occurs.

⚠ CAUTION
Do not attempt to remove or repair charging control box. If above malfunctions occur, please contact the authorized service centre for inspection and repair.

■ Troubleshooting common malfunctions

1. Unable to charge:

- Observe status of indicator and analyze it according to malfunction status;
- Check if it is grounded well;
- Check if voltage of power supply is normal;
- Check if connection of vehicle is normal.

2. Intermittent charging:

- Observe status of indicator and analyze it according to malfunction status;
- Check if 220 V AC is stable;
- Check if temperature is too high.

3. Power-on trip during charging:

- Check if it is grounded well;
- Check if there is short in device;
- Check if total power of all electric equipment is too high.

4. Malfunction occurs each time power on when charging:

- Unplug three-pin plug and charging gun, then insert and unplug them again. If malfunction still occurs, please contact the authorized service centre for inspection and repair immediately.

Charging Operation

Inspection before charging

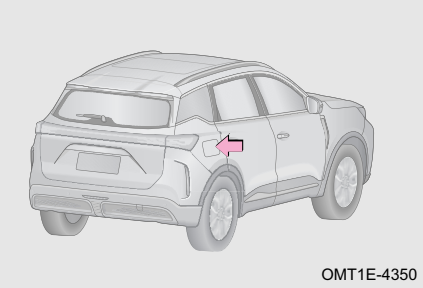
■ If any of the following conditions occur, charging is prohibited, otherwise it may cause short circuit or electric shock, resulting in personal injury.

1. When the connection of discharging device is loose, do not perform charging.
2. Make sure that there is no water or foreign matter in the charging port, and the metal terminals are not rusted or corroded.
3. Make sure that the charging device is free from shell breakage, cable wear, rusty plug and other abnormal conditions.

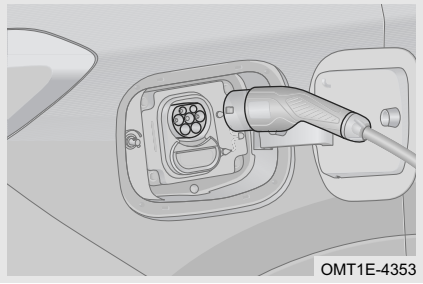
AC charging (slow charging)

⚠ WARNING
When using household power for charging, the current specifications of the selected socket and adapter cable should not be lower than the rated current on the nameplate of on-board charging device. Ensure that the three-pin socket of the household power supply is reliably grounded, otherwise resulting in electric shock.

⚠ CAUTION
AC charging gun must be equipped with leakage protection and temperature monitoring devices, with a current limit of 230 V/10 A/50 Hz.


OMT1E-4350

1. Park vehicle in charging area, shifting the gear to P and apply the parking brake;
2. Select charge now in new energy setting screen of head unit, vehicle is powered off;
3. Push center rear of the charging port cover to open it;

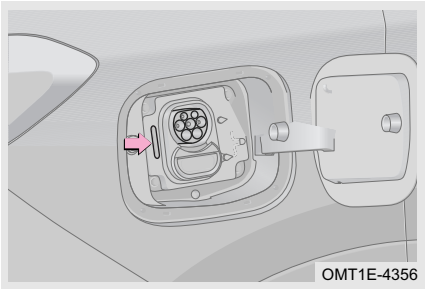

OMT1E-4353

4. Take out the on-board charging device, insert the charging plug into power socket;
5. Open protection covers of charging port and charging gun, and insert charging gun into AC charging port until a slight sound is heard (or remove the charging gun from AC charging pile, connect the charging gun to the AC charging port and lock it firmly);
6. After charging is completed, press and hold the upper button on charging gun to unplug the charging gun from AC charging port;
7. Close protection covers of AC charging port and charging gun, and then close charging port cover.
8. Stow on-board charging device (or return the charging gun on the charging pile to its original position).

When charging is completed, or stop charging manually during charging, release the AC charging gun lock by the following operations:

- Unlock the vehicle;
- On head unit, press unlock button on slowing charging gun.

■ Charging indicator



The charging indicator is located in charging port cover. Indicate the charging/discharging status in yellow, green, blue, and red respectively.

Remains on in yellow: Waiting for charge.

Flashes in green: It is being charged.

Remains on in green: Charging is completed.

Remains on in red: Charging/ discharging fault.

Flashes in blue: Discharging.

Remains on in blue: Waiting for discharge.

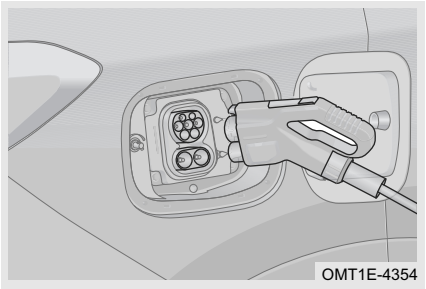
READ

- After charging with on-board charging device is completed, unplug the charging gun end first, and then unplug the connector at power supply end.
- With vehicle is powered off, if hood is not fully closed after being opened, charge now and appointment trip functions will not operate properly.

⚠ CAUTION

- Do not store or use charging device where the temperature is higher than 50℃, otherwise charging device may be damaged.
- When external power grid is powered off and then powered on again, charging device will start charging automatically again without reconnecting charging device.
- Before closing charging port cover, please confirm that the charging interface protective cover is closed. If the charging port cover is closed and the charging interface protective cover is open, water or dust may enter the interior of the charging port, causing a malfunction.
- When charging vehicle, power battery under floor and on-board charger in front compartment are in operating condition. At this time, "click" sound of relay engagement is heard several times, which is normal.
- After charging is completed, disconnect the charging gun of charging device, then disconnect power supply plug.
- If the vehicle is not used for a long time, it is recommended to charge and discharge once a month to prolong service life of power battery.
- Before starting vehicle, make sure that charging device is disconnected, charging port cover and charging interface protective cover are closed, otherwise, water or foreign matters may enter charging port terminals and affect normal use.
- When charging port is frozen, use a hair dryer, etc. to thaw it. If charging gun is connected forcibly in frozen condition, it will cause malfunction.
- If there is foreign matters on charging gun or in charging port, it is forbidden to connect it forcibly when it cannot be connected. Please contact the authorized service centre. If it is connected forcibly, charging device and vehicle may be damaged.
- Do not use electric appliances for a long time when vehicle is powered on. When it prompts that power battery is low, insert charging gun to charge in time, or use engine to charge when vehicle is in READY mode, otherwise, it may lead to power loss of power battery and failure to start vehicle; In this case, insert charging gun to recharge it before restarting; If vehicle still cannot be started, please contact the authorized service centre.
- When power meter indicator on instrument cluster enters red warning bar, it indicates that the power battery is low. It is recommended to charge when the power drops to the red warning bar or power mode is switched from EV electric mode to HEV hybrid mode. It is not recommended to charge after power is completely depleted, otherwise it will affect the service life of power battery. In oder to ensure the normal operation of hybrid transmission, when vehicle power battery is low, the vehicle will automatically switch from EV electric mode to HEV hybrid mode.

DC charging (fast charging)



1. Park vehicle in charging area, shifting the gear to P and apply the parking brake;
2. Select charge now in new energy setting screen of head unit, vehicle is powered off;
3. Push center rear of the charging port cover to open it;
4. Remove DC special charging gun from charging pile, unplug protective cover of DC charging port, and insert charging gun into DC charging port until a slight sound is heard;
5. After charging is completed, press and hold the upper button on charging gun to unplug the charging gun from DC charging port;
6. Close protection covers of DC charging port and charging gun, and then close charging port cover.

⚠ WARNING

- It is strictly forbidden to use AC/DC adapter for charging, as it will cause damage to the vehicle and personal injury.
- Never unplug charging gun forcibly when charging vehicle, otherwise it may cause damage or danger.
- Keep charging device out of the reach of children, and the persons who need care such as children are prohibited from charging.
- Refueling and charging cannot be performed at the same time. When charging gun is inserted, do not refuel and keep a sufficient safe distance from inflammables, otherwise it may damage device and cause personal injuries when charging cable is not inserted or unplugged according to regulations.

AC charging socket electronic lock

The vehicle AC charging socket is equipped with an electronic lock function, which prevents the charging gun from being plugged in and pulled out with electricity, and avoids charging safety problems.

■ Locking of electronic lock

Use 32A AC charging pile that meets the national standard for charging. After the charging gun is inserted in place and after the electronic lock is automatically locked, the vehicle will start charging.

> ⚠ WARNING
>
> After the electronic lock is locked, if you need to remove the charging gun, please unlock the electronic lock before pulling out the gun; Do not pull the gun forcibly, so as not to damage the electronic lock or charging gun and other charging equipment.

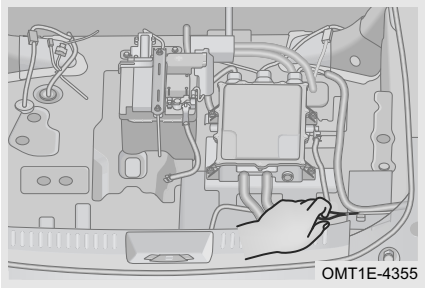
■ Unlocking of electronic lock

Normal electronic lock unlocking is divided into the following two ways:

1. Press the lock button on smart key first, then press the unlock button on it to unlock the electronic lock, and gently press the mechanical lock button on the charging gun to pull out the charging gun.
2. Without using the smart key, hold the charging gun by your hand and press the button on the charging gun with your thumb. When you hear the electronic lock unlocking sound, first lift your thumb, and then quickly press the mechanical lock button on the charging gun again to pull out the charging gun.

> READ
>
> - If the charging gun is not pulled out after the electronic lock is unlocked, the electronic lock will be automatically relocked after several seconds.
> - If the vehicle is in the unlocked state and the electronic lock is in the locked state, it is necessary to close the door and lock the vehicle before performing above electronic lock unlocking operation.

Releasing Charging Gun Manually (Only for AC Charging)


OMT1E-4355

If charging gun cannot be unplugged from AC charging port by pressing and holding the upper button of charging gun, it can be released manually by using the cable.

1. Make sure that the vehicle is not charged at present according to charging information displayed on instrument cluster;
2. Open the back door and lift the luggage compartment carpet;
3. Pull charging gun release cable to release charging gun manually.

⚠ CAUTION

Release cable can only be used when charging gun cannot be released from charging port by conventional methods. Continuous use may cause damage to release cable or charging device.

⚠ WARNING

- Do not try to unplug charging gun while pulling release cable. Be sure to pull release cable before trying to unplug charging gun from charging port. Failure to do so may cause electric shock and serious injuries.
- Do not perform this operation when charging vehicle or any orange high voltage cable is exposed; Failure to do so may cause electric shock and serious injuries or vehicle damage; If you are not sure how to perform operation safely, please contact the authorized service centre immediately.

Charging Precautions

Charging precautions on rainy days

1. When charging in rain, please take care to protect the charging device from water ingress.
2. It is strictly prohibited to charge outdoors in extreme weather conditions such as heavy rain, typhoons, hail, etc., that exceed national standards, as this may result in charging not being able to be carried out, and even cause damage to the vehicle or charging device.
3. When charging is required after a rain shower, please confirm whether there is water entering the charging port at first. Do not charge when there are

obvious water stains in the charging port, as this may result in failure to charge, in severe cases, damage to the vehicle or charging device.

Precautions for end of charging

■ Manually stop charging

1. Stop charging at first, and ensure that the electronic lock is unlocked.
2. Hold the charging gun, and press and hold the button on charging gun to unplug it.
3. For AC charging, do not forcibly unplug the charging gun when electronic lock is locked, as this may damage the charging port.
4. For DC charging, never forcibly unplug the charging gun before stopping charging, as this may damage the charging port and pose a risk of electric shock.
5. After charging is completed, it is necessary to ensure that charging gun has been unplugged completely before starting vehicle, otherwise charging device and vehicle may be damaged.
6. After unplugging the charging gun, please ensure that the charging port protective cover and charging port cover are in closed condition, so as to prevent water or foreign objects from entering the charging port and affecting the normal use.

■ Automatically stop charging

1. After charging is completed, please unlock first, and then unplug the charging plug.
2. After charging is completed, it is necessary to ensure that charging gun has been unplugged completely before starting vehicle, otherwise charging device and vehicle may be damaged.
3. After unplugging the charging gun, please ensure that the charging port protective cover and charging port cover are in closed condition, so as to prevent water or foreign objects from entering the charging port and affecting the normal use.

The charging performance of vehicle is affected when the battery temperature is too low or too high

1. If the charging port cover or charging gun is frozen due to weather or other reasons, do not open the charging port cover or unplug the charging gun forcibly.
2. When charging at low temperature, the battery thermal management system will be in operation, but the charging time will be extended and the heating power consumption will increase, which is normal.
3. In northern regions with low temperature, it is recommended that users perform charging in a heated room.

4. In northern regions with low temperature, it is recommended that you charge immediately after using the vehicle, as the battery temperature will be relatively high at this time, resulting in better charging performance.
5. In southern regions with high temperature, it is recommended that users charge in a cool and ventilated place, and do not charge in direct sunlight or in air.

Low-speed Pedestrian Warning Sound

Because the noise of electric vehicles is relatively low when driving at low speed, it is difficult for pedestrians nearby to perceive it. In order to improve driving safety, this function can send alarm sound when the vehicle speed is less than 18 mph (30 km/h) to remind pedestrians nearby to perceive it.

- When the vehicle is driving with vehicle speed below 18 mph (30 km/h), the warning sound will increase with the increase of the vehicle speed.
- When the vehicle is not in Park (P) and is stationary, the system also can send warning sound.

5-16. Data Privacy

Chery Automobile Co., Ltd. (hereinafter referred to as 'we' or 'us') is the manufacturer responsible for privacy by design (PbD) of your vehicle.

Driver Drowsiness and Attention Warning (DDAW)

Our vehicle's Driver Drowsiness Alert Warning (DDAW) system works to detect signs of driver fatigue. It does this by monitoring a range of parameters within a recent time window, including the proportion of time your eyes are open, blink rate, direction of gaze, length of gaze, yawning, as well as vehicular parameters such as speed, gear position, car door status, steering wheel angle, and direction of turn. The system uses this information to make a comprehensive judgement about driver fatigue and issue alerts as necessary.

⚠ CAUTION

Please be aware that the data collected by the DDAW system is required by regulations, collected for immediate processing, and is not stored. According to the regulations, DDAW will be enabled by default. The collected data is used for algorithmic recognition and discarded immediately after use. All data is processed within the vehicle and does not leave the vehicle.

Advanced Driver Assistance System (ADAS)

In order to implement the drive assistance function, the car side will use the vehicle's front, flanks, and rear cameras to collect image data on the road during driving or after parking, image data surrounding the vehicle to complete drive assistance function. The camera recordings use the vehicle’s external

cameras to learn how to recognize things like lane lines, street signs and parking signs and traffic light.

> ⚠ CAUTION
>
> Please be aware that the processing data within our system is designed for immediate use and analysis. We do not store any of the data that is processed. This data is necessary for legitimate interests and also to fulfil legal and other official requirements.

Emergency call (eCall)

In the event when you are in a traffic accident or you press the SOS button for roadside assistance, the eCall system on the in-vehicle terminal will provide your vehicle location, contact information and additional required information to the Public Safety Answering Point (PSAP) which is set up by government authority. The collection and sharing of these data comply with the requirements of laws and regulations, which only includes GPS, speed, directions of your vehicle, the time when you trigger the eCall, the eCall status, Vehicle Identification Number (VIN), vehicle model, power type and Recorded voice data.

> ⚠ CAUTION
>
> We collect this data to fulfil our legal obligations outlined in vehicle security regulations.

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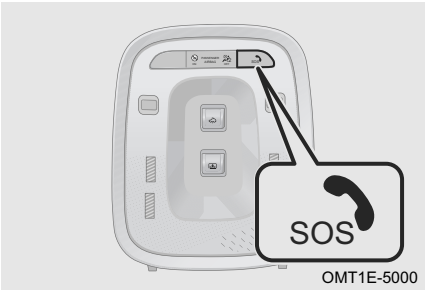
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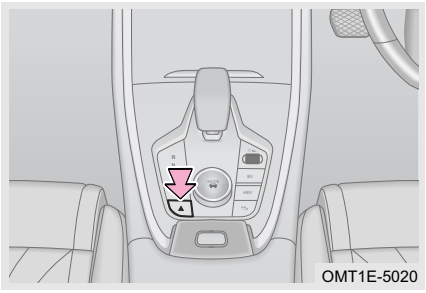
6-1. Basic Knowledge of Vehicle Emergency

ECALL



ECALL is a kind of emergency call function. When vehicle is involved in a certain level of impact (airbag inflated) or when driver or passenger is in an emergency and rescue is required, emergency information can be sent to service center by operating button manually, then the center will track vehicle location and promptly offer rescue according to received information.

Hazard Light



In case of vehicle failure or traffic accident etc., please turn on the hazard lights to warn other vehicles to avoid the secondary accident.

Press hazard light switch, turn signal lights flash and the turn signal light indicator on instrument cluster flashes at the same time; Press the switch again, turn signal lights and indicator will turn off.

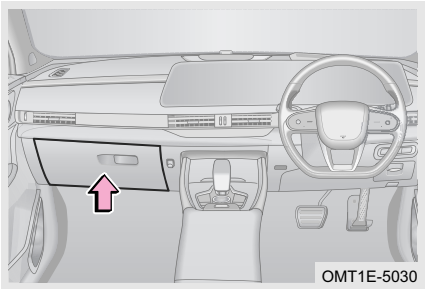
READ

- The hazard light can still work when the vehicle power is turned to OFF mode.
- The hazard light is automatically activated when the airbag (SRS) is operating.

Emergency braking alarm function

When brake pedal is depressed in emergency at higher speed, the turn signal lights and turn signal light indicator on instrument cluster flash quickly; Release the brake pedal, press the hazard light switch or turn the vehicle power to OFF mode, the turn signal lights and turn signal light indicator on instrument cluster will stop flashing.

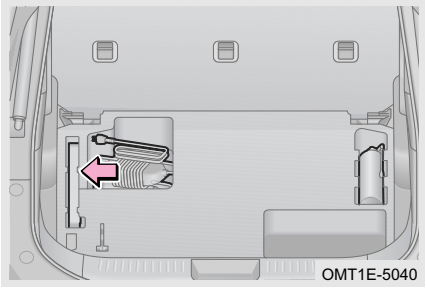
Reflective Vest


OMT1E-5030

The reflective vest is placed in the glove box.

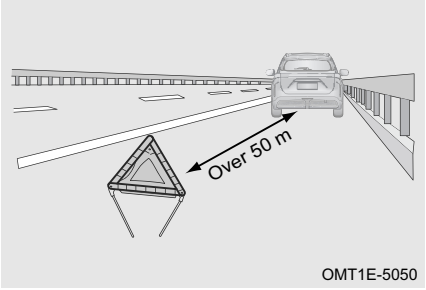
In case of vehicle failure or traffic accident etc., wear the reflective vest with reflective strip facing outwards. Its reflective performance can warn other vehicles to avoid secondary accidents.

Warning Triangle


OMT1E-5040

Warning triangle is located under the luggage compartment carpet.

In case of vehicle failure or traffic accident etc., the reflective performance of warning triangle can warn other vehicles to avoid secondary accidents.



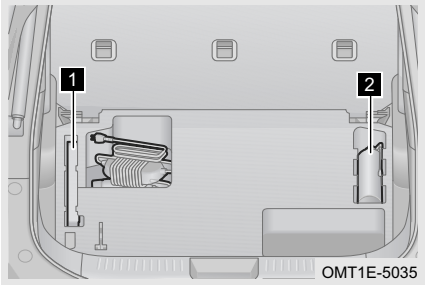
OMT1E-5050

Place the warning triangle at a distance of more than 50m behind the vehicle on a normal road.

Place the warning triangle at a distance of more than 150m behind the vehicle on the highway.

Place the warning triangle at a distance of over 150m behind the vehicle in rain or when steering.

Spare Tools



OMT1E-5035

1 Warning Triangle.

2 Automatic inflation tyre repair liquid

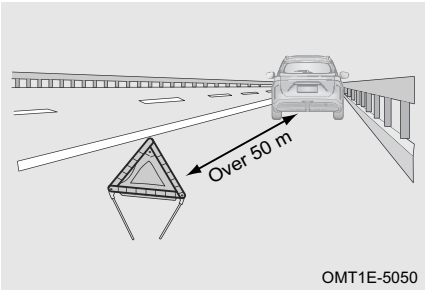
READ

Some models are equipped with tyre pressure gauge, fire extinguisher and first-aid packet.

6-2. Vehicle Emergency Handling

Flat Tyre

If a tyre goes flat during driving, slow down gradually, grip the steering wheel with two hands and keep driving straightly. Stop vehicle to a safe place away from the traffic road. Park it on firm and level ground as much as possible. Avoid stopping on center or divider of a highway.



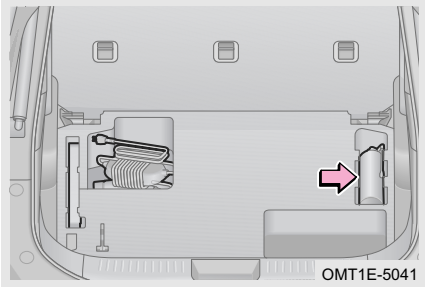
1. Apply parking brake and shift the shift lever to P position;
2. Turn off engine and turn on hazard lights;
3. Have everyone get out of vehicle and stay away from traffic;
4. Wear the reflective vest, take the warning triangle out from luggage compartment and place it over 50 - 150 m away behind the vehicle (- depending on actual condition).

CAUTION

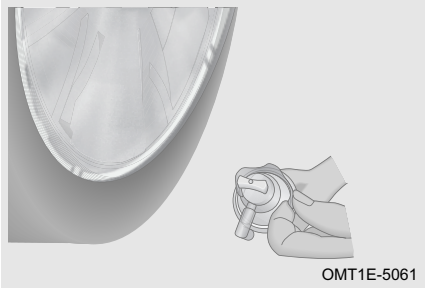
Do not continue driving with a flat tyre. Driving even a short distance can damage the tyre beyond repair.

Repairing Tyre in Emergency

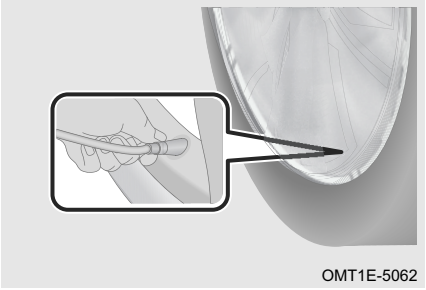
Emergency tyre repair instructions for vehicles equipped with automatic inflation tyre repair liquid in case of tyre leakage:



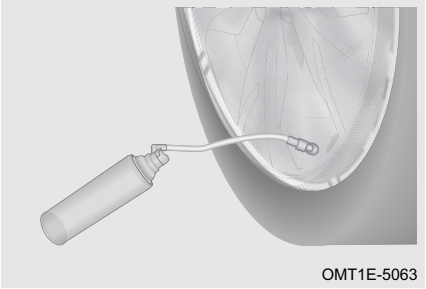
1. Open back door, lift the luggage compartment carpet and take out the automatic inflation tyre repair liquid;


OMT1E-5061

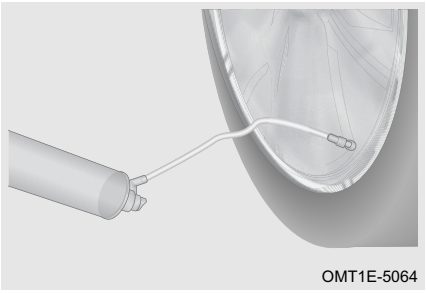
2. Shake the automatic inflation tyre repair liquid well before use, and then tear off the safety belt of the junction valve;


OMT1E-5062

3. Tighten the junction valve of the automatic inflation tyre repair liquid to the tyre valve;


OMT1E-5063

4. Turn the red valve clockwise and place the bottle upside down to start inflating the tyre;


OMT1E-5064

5. After the automatic inflation tyre repair liquid is filled, close the valve counterclockwise and screw out the junction valve. Then immediately drive for 6 miles (10 km) or more to complete the repair. Please go to the authorized service centre or professional tyre repair shop for repair and replace as soon as possible.

Note: Before using the automatic inflation tyre repair liquid, please check the validity period indicated on the automatic inflation tyre repair liquid tank to ensure that it is used within the validity period.

⚠ CAUTION

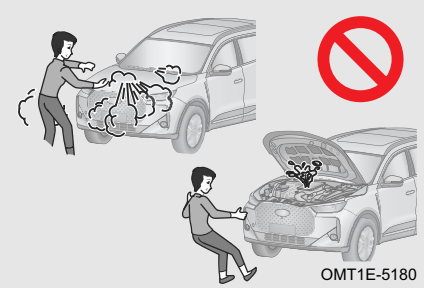
- The automatic inflation tyre repair liquid is a disposable consumable (for one wheel only), you can go to authorized service centre for purchase.
- After using the automatic inflation tyre repair liquid, it supports the vehicle to drive continuously for 310 miles (500 km) or more. For the first 6 miles (10 km), please drive at the speed of < 49 mph (80 km/h). After 6 miles (10 km), drive the vehicle at normal speed. It is recommended that you go to the authorized service centre or professional tyre repair shop for repair and replace as soon as possible.

⚠ WARNING

- Avoid the automatic inflation tyre repair liquid contacting with the skin or eyes and keep it out of the reach of children.
- If you continue to drive the vehicle in the case of tyre puncture and air leakage, it is easy to have tyre blowout, endangering personal safety.
- The automatic inflation tyre repair liquid is used for repairing tread puncture repair, other parts such as shoulder, sidewall and valve nozzle damage are not in the scope of repair.
- When it is required to pull out the puncture object before repairing, make sure to move the vehicle slightly so that the puncture hole is facing downward at 6 o'clock position before filling the tyre with automatic inflation tyre repair liquid.
- If the automatic inflation tyre repair liquid splashes onto the tyre or rim during use, wash it with clean water or wipe it with cloth; if the liquid accidentally gets into your eyes, please wash with clean water and seek medical attention immediately.
- When the product is used in (-40 ° C -0 ° C) ambient temperature, please warm up the product to 0 ° C or more at the heater in the vehicle to increase the filling efficiency of the automatic inflation tyre repair liquid.
- It is effective to repair the puncture diameter of ⩽ 6mm, within which the puncture object can be pulled out for repair; when the puncture diameter is > 6mm, please contact the authorized service centre immediately.
- After using the automatic inflation tyre repair liquid, immediately drive the vehicle for 6 miles (10 km) or more. Never stop and stay. Please go to the authorized service centre or professional tyre repair shop for repair and replace as soon as possible.
- The storage temperature of automatic inflation tyre repair liquid is -40 °C - 70 °C. It is forbidden to store in the vehicle under direct sunlight; and it is forbidden to contact with open fire; please be sure to store it in the tool box securely according to the requirements, do not put it in the cabin.

If Engine Coolant Temperature is High

If the engine coolant temperature is high during driving, and engine coolant temperature gauge approaching H area or "" red indicator on instrument cluster comes on, please stop vehicle to a safe place away from the traffic road.



Step 1: Stop vehicles on solid, level ground;

Step 2: Apply parking brake and shift the shift lever to P;

Step 3: Turn off A/C system (Water dripping from air conditioning after use is normal);

Step 4: Turn vehicle power to OFF mode after idling for several minutes, and turn on hazard lights;

Step 5: Before opening the hood, check whether there is steam or coolant overflow or leakage. Only open hood when there is no steam or coolant overflow or leakage, otherwise, burns may occur;

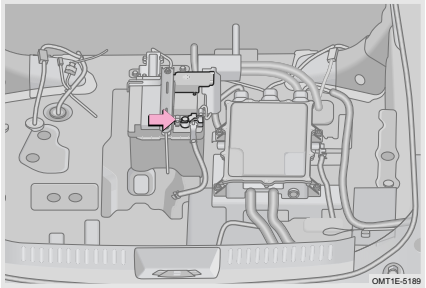
Step 6: Check the coolant level, if the cause cannot be determined, please contact authorized service centre for inspection and repair.

⚠ CAUTION

- If engine overheats frequently, please go to authorized service centre for inspection and repair immediately.
- If the coolant level is low, water can be used temporarily, please go to authorized service centre to replace coolant as soon as possible.

If Battery is Depleted

Removing Battery



1. Step 1: Click " OFF " button in the control center to switch the vehicle to the power-off state;
2. Step 2: Open the back door, fold back luggage compartment carpet and take out the storage box, disconnect the negative battery (12 V) cable;
3. Remove the negative (-) battery terminal cable;
4. Remove the positive (+) battery terminal cable;
5. Remove the battery holder and the battery;
6. Install a new battery that has same specification as used one. Install the new battery properly in the reverse order of removal.

ENVIRONMENTAL PROTECTION

The used battery contains sulfuric acid and lead and should not be disposed at will. Please handle according to the local laws and regulations or discard at a local qualified waste disposal station.

CAUTION

Be careful to avoid the metal tool contacting both electrodes of the battery at the same time or touching the positive electrode and the vehicle body at the same time.

WARNING

- Do not leave battery within the reach of children.
- Do not smoke, use matches, cigarette lighters or open flames near the battery.
- Always wear gloves and safety glasses during operation, as battery acid is strongly corrosive. Do not lean on the battery.
- If acid spills on your skin or clothes, the liquid must be neutralized with alkaline water (soap), and then wash it with clean water. Get emergency medical attention immediately if necessary.

Jump-starting

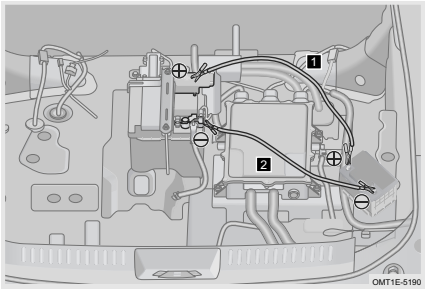
To avoid vehicle damage or personal injury due to improper operation, if you are unsure about how to follow the procedure, We strongly recommends that you seek help from professional serviceman or at an authorized service centre.

⚠ CAUTION
Battery voltage used for jump starting should be 12 - 13 V. Do not jump start unless you are sure that the battery voltage is correct.

⚠ WARNING
• The specified jumper cables should be used. • Do not use cigarette lighters or allow open flame near the battery.

■ Jump-starting procedures

1. Turn off all unnecessary electrical appliances. If booster battery is installed in another vehicle, make sure of no contact between vehicles.



2. Connect cables in order shown in illustration below.

1 Connect positive (+) terminal of discharged battery to positive (+) terminal of supporting vehicle battery with positive cable.

2 Connect one end of negative cable to negative (-) terminal of supporting vehicle battery, and then connect the other end of the cable to unpainted metallic part of discharged engine to secure the jumper cable.

3. Start engine in normal way. After starting, run it for several minutes by lightly depressing accelerator pedal.
4. Disconnect cables in reverse order of connecting (negative cable first and then the positive cable).

⚠ CAUTION

- During connecting, do not shift to D position to ensure that the vehicle is in the parking state.
- Do not lean on the battery when connecting.
- Never allow the clamps of the jumper cables to contact with each other or touch other metal parts of the vehicle.
- Do not connect cable to or near any part that moves when engine cranks.
- If the first starting attempt is not successful, check that if clamps on jumper cables are tight and restart the engine in normal way. If it still cannot start, please contact the authorized service centre for inspection and repair as soon as possible.

6-3. Towing

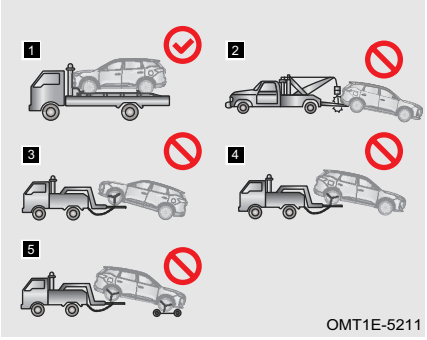
Towing Vehicle

If the vehicle needs to be towed, it is recommended to contact authorized service centre or professional towing services department, or ask for help from the roadside rescue service organization you have joined.

⚠ WARNING

- Damage caused by transportation is not covered by the warranty.
- To transport the vehicle, follow the instructions below strictly.
- Do not tow your vehicle only with ropes or chains by other vehicles.

Using platform trailer



Please use 1 platform rescue vehicle to load your vehicle.

Vehicle towing precautions are as follow:

- Tow with four wheels off ground. Do not use the rescue method 2 3 4 5 shown in the figure.
- Before towing, shift the gear position to N, turn on hazard light, and close the doors.
- During towing, nobody is allowed to seat in the accident vehicle.

> ⚠ CAUTION
>
> Do not move the vehicle with forklift when vehicle is broken down.

> ⚠ WARNING
>
> - No person or object is allowed behind the trailer when the vehicle is pulled onto the platform rescue vehicle, otherwise it may cause personal injury or death.
> - The vehicle can only be towed away from the site if there is no safety risk. If the vehicle power battery pack has deformation, leakage, smoke, etc., the safety risk should be solved first.

Emergency Towing

If flatbed truck is not available during towing, your vehicle may be temporarily towed using a towing hook. This should only be attempted on hard surfaced road for short distances at low speed.

When using towing hook, driver must be in towed vehicle to operate steering wheel and brake pedal, and vehicle's wheels, drive train, axle, steering system and braking system must be in good condition.

Before emergency towing, release parking brake (for emergency releasing electric parking, refer to "Brake System"), shift the shift lever to N, and turn vehicle power to ACC/ON mode.

⚠ CAUTION

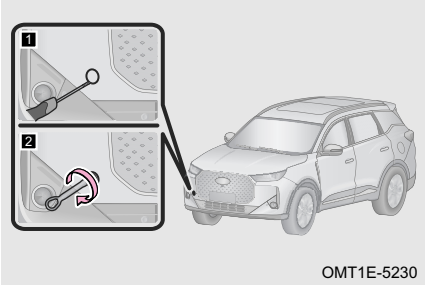
- Do not perform emergency towing for long periods of time.
- Never tow a vehicle heavier than this vehicle, otherwise the vehicle may be damaged.
- Secure a towing cable, chain or lever to the vehicle towing eyelet.
- Both drivers must be familiar with the towing process, otherwise they cannot carry out towing work.
- Tow vehicle as straightly ahead as possible, do not tow vehicle from side to avoid damaging vehicle.
- If engine is not started, assist system will not work, therefore, braking and steering will be more difficult than usual. Operate carefully.
- For towing of A/T models, strongly recommends that you seek help from professional serviceman or authorized service centre.
- If towed vehicle still cannot move, do not forcibly continue towing to avoid secondary damage to vehicle. strongly recommends that you seek help from professional serviceman or authorized service centre.

⚠ WARNING

- To avoid personal injury, people other than driver should stay away from the vehicle when it is towed.
- When towing vehicle, avoid sudden starting or erratic driving maneuvers, doing so would apply excessive force on the towing eyelet, cable, chain or lever. The towing eyelet, cable, chain or lever may break and cause vehicle damage or serious personal injury.

Installing Towing Eyelet

Front towing eyelet

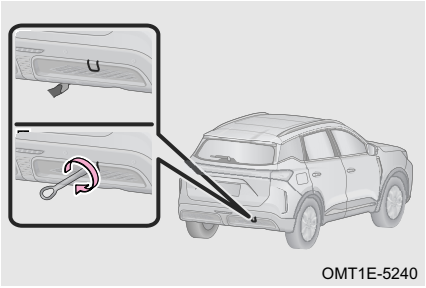


OMT1E-5230

Step 1: Use a flathead screwdriver with its tip wrapped with tape to remove the front towing eyelet hole cover;

Step 2: Install towing eyelet into eyelet hole in a clockwise direction. Then tighten it firmly with wheel bolt wrench.

Rear towing eyelet


OMT1E-5240

Step 1: Use a flathead screwdriver with its tip wrapped with tape to remove the rear towing eyelet hole cover;

Step 2: Install towing eyelet into eyelet hole in a clockwise direction. Then tighten it firmly with wheel bolt wrench.

⚠ CAUTION

- A tow rope must be equipped with a warning flag.
- Towing from a lateral or vertical angle is prohibited. The towing angle shall not exceed 5° in the vertical direction and 25° in the horizontal direction.
- Catapult towing is prohibited. The initial towing speed shall not exceed 5 km/h.
- When towing with the tow hook, the maximum towing force shall not exceed 15 kN.
- Only use specified towing eyelet. Otherwise, vehicle may be damaged.
- Drive the vehicle slowly and smoothly when towing. Impact due to excessive tension may damage the vehicle.
- Towing rope or towing bar can be installed only when towing eyelet is installed in place.

⚠ WARNING

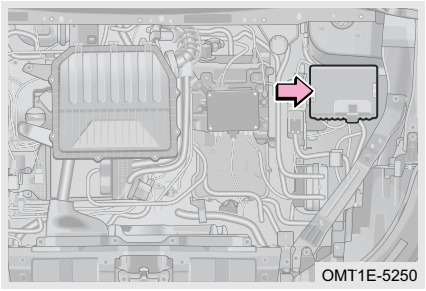
Make sure that towing eyelet is installed securely. Otherwise, the towing eyelet may come loose when towing, which may cause an accident, resulting in death or serious injury.

6-4. Fuse

Fuse Box

Fuses are used to protect electrical components and circuits to avoid short circuit or overload. If fuse is blown, the protected components and systems will not work properly.

Front compartment fuse box

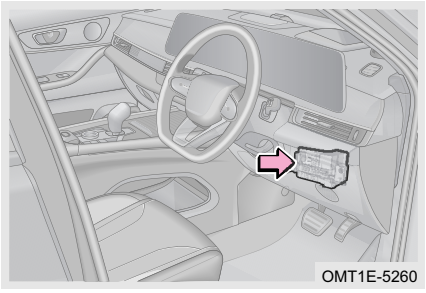


Step 1: Vehicle power is turned to OFF mode;

Step 2: Disconnect the negative battery terminal cable;

Step 3: Remove front compartment fuse box cover to inspect or replace fuse.

Instrument panel fuse and relay box



Step 1: Vehicle power is turned to OFF mode;

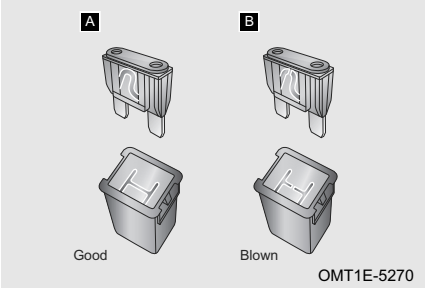
Step 2: Disconnect the negative battery terminal cable;

Step 3: Remove instrument panel lower right protector to inspect or replace fuse.

READ

- Check suspected fuses according to the fuse and relay box layout.
- The fuse box must be clean, keep it away from dampness when opening, as moisture may damage the electrical system.
- To prevent damage to the vehicle, be careful when removing/installing the instrument panel lower right protector. Please go to authorized service centre as necessary.

Checking Fuse



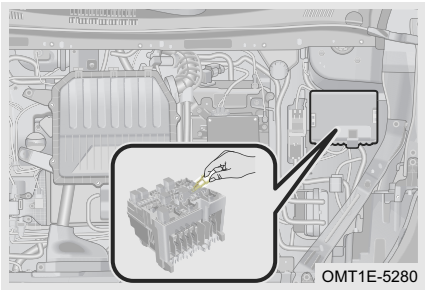
A Good fuse.

B Blown fuse.

READ

If the fuses are blown, they must be replaced.

Replacing Fuse



Step 1: Vehicle power is turned to OFF mode;

Step 2: Check fuses according to the fuse and relay box layout;

Step 3: Pull the suspected fuse out by a fuse remover;

Step 4: Check if the fuse is blown. If you are not sure whether the fuse has blown, replace the suspected fuse with spare fuse that has the same amperage rating. You can see the amperage rating on the schematic diagram inside the fuse box cover.

⚠ CAUTION

- Do not modify any fuses or fuse boxes.
- Only install a fuse that has the same amperage rating as used one. Never replace a fuse with a wire, even as a temporary replacement. Otherwise, this may cause serious damage to electrical appliances, or even fire.

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7-1. Repair and Maintenance

Repair and Maintenance

There are two types of repair and maintenance: One is normal maintenance, which can be done by the customers; the other is scheduled maintenance, inspection and repair, which needs to be completed by authorized service centre.

For the details of regular maintenance, inspection and repair methods, please refer to "Regular Maintenance" in this section; Regular maintenance can be helpful for you to find and eliminate potential dangers in time to prevent malfunctions. Scheduled maintenance of your vehicle is essential. Please strictly follow the maintenance schedule of "User Manual" to perform maintenance, ensuring that your vehicle maintains the best performance and good operating conditions, thus effectively extending the service life of the vehicle.

Please use the recommended fluid, or your vehicle may be damaged.

Authorized Service Centre is at Your Service

Authorized service centre

Only OEM parts and materials can extend your vehicle's service life. We only supplies OEM parts to authorized service centre located worldwide. Therefore, only OEM parts from authorized service centre can be used.

Authorized service centre offers a professional service. For vehicle service, please remember that your authorized service centre knows your vehicle best, and has the professional technicians and OEM parts to complete the job to the highest standard.

ENVIRONMENTAL PROTECTION
Used engine oil, brake fluid, coolant, steering fluid (if equipped), batteries and tyres should only be disposed of by qualified waste disposal agencies or after consultation with manufacturers, and should not be taken out with household waste or disposed of into the communal drainage system.

Service arrangements

When go to authorized service centre for vehicle service, make sure to carry all required documents. Not all the work to be performed is covered by the warranty. For detailed expenses, consult your service advisor. Keep a service record on your vehicle. Usually, this record can provide valuable reference information.

Prepare a list sheet covering vehicle malfunctions and specific service items. If you have had an accident or any item serviced is not included in the service records, let your service advisor know.

If you list many service items and you must fetch your vehicle on the day, communicate with your advisor to rank the items by priority.

Reading Vehicle Identification Code Information

The vehicle Identification code information can be readout by installing the malfunction diagnosis device, used for inspections and maintenance.

Do not install electrical components other than the diagnosis device to the connector. Doing so may cause unexpected problems to occur, such as having a bad effect on electronics or damaging the battery.

Safety Check

It is better to perform a safety check before driving vehicle, which will improve your driving safety and enjoyment.

⚠ WARNING
While inspecting vehicle, do not start the vehicle.

Daily check
Check whether paint surface is scratched, light shade is damaged, body is tilted, wheel bolts are missed or loosened, water/oil leakage of chassis occurs, door/hood/back door/glass is damaged.
Check that engine oil level, brake fluid level, coolant level, steering fluid level (if equipped) and windshield washer fluid level is normal.
Check cold tyre pressure and conditions (such as: wear, swelling, aging cracks, mechanical damages, etc.). Also check the spare tyre.
Check whether seat belt buckles fasten securely. Make sure belts are not worn or frayed.
Check whether lighting of lights is normal.
Check whether meter indicators are normal.

Monthly check
Clean vehicle surface, inside of engine hood (dust on surface of radiator and condenser, and remaining oil of engine body), vehicle interior and luggage compartment.
Check assembly, pipes, hoses and tanks for leaks; Check whether battery and cable are corroded and loosened; Check whether circuits are damaged, loosened or disconnected; Check that no water/oil leakage has occurred.
Check whether air condition is operating properly.

Check whether parking brake is operating properly.
Check whether spare fuses and spare tools (such as: jack, wheel bolt wrench, etc.) are equipped.

READ
Used engine oil, brake fluid, coolant, batteries and tyres can be disposed only by qualified waste disposal agencies, or consult supporting manufacturers for disposal of them. It is not permitted to dispose of them with household waste or discharge them into public drainage system.

7-2. Normal Maintenance

Normal Maintenance

Be sure to follow the correct maintenance procedures given in this section if you do-it-yourself maintenance.

This section only lists the simple maintenance instructions which can be performed by customers. However, there are still many items that have to be maintained by qualified technicians with special tools.

⚠ CAUTION

- Check if the tools, cotton, etc. are left in the cabin before closing the hood.
- Do not drive vehicle with the air filter removed, otherwise, excessive engine wear could occur.
- Correctly add fluid to the appropriate level. If some fluid splashes onto the vehicle body, be sure to immediately wash it off with a wet cloth, avoiding damaging painted surface.

⚠ WARNING

- If the engine is very hot, do not open the coolant reservoir cap to prevent scalding injury.
- When the engine is running, keep hands, clothing and tools away from engine drive belts and cooling fan.
- Do not smoke near fuel filler or battery, otherwise, it may cause sparks or open flames, resulting in a fire.
- There is a high voltage in the electronic ignition system. Do not touch these components while the engine is running or the vehicle power is in ON mode.
- The vehicle that just stopped, engine, radiator, exhaust manifold and cylinder head will be very hot, so never touch them. Prevent the clothes (-such as ties) from getting caught in the fan and causing personal injury because the cooling fan may automatically start and run at any time.

Power Battery

Basic function of power battery

The power battery is the power and energy source of vehicle and can be charged and discharged repeatedly. The power battery is charged by an external power supply, and can also be charged by means of energy recovery when braking or coasting.

The vehicle has intelligent recharging function. When the function is triggered, 12 V battery will be charged by power battery. If the vehicle is placed in a high-temperature environment, it is also possible to trigger the power battery cooling request during intelligent recharging process, which will activate the A/C to cool the power battery to avoid damage to the power battery. Therefore, when the vehicle is started again after being placed for a period of time, SOC or pure electric driving mileage displayed on instrument cluster will decrease, which is a normal phenomenon.

Power battery is a special chemical product, which needs to be used and maintained properly, so proper daily use and maintenance is very important for performance maintenance. At the same time, power battery will decline naturally due to chemical characteristics. Therefore, for vehicles that have been used for a period of time, when trip mileage decreases after battery is fully charged, it is recommended to go to the authorized service centre for inspection.

The optimal ambient temperature and charging temperature range of the power battery is 25 ± 5℃. When the temperature is too high or too low, the battery will limit the output power, and the pure electric driving mileage will be shortened. It is recommended that you use the vehicle in an environment above -20 ℃; If it is in a special circumstance, it is recommended to switch the vehicle to HEV mode and use the engine to help drive the vehicle.

When the power battery is low, it is recommended to charge immediately or switch power mode from EV to HEV, and it is not recommended to charge after power battery is depleted, otherwise service life will be affected. In oder to ensure the normal operation of hybrid transmission, when power battery is low, the power mode will switch form EV to HEV automatically.

Do not use electric appliances for a long time when the vehicle is not started. When it prompts that power battery is low, insert charging gun to charge in time, or use engine to charge when vehicle is in READY mode, otherwise, it may lead to power loss of power battery and failure to start vehicle; In this case, insert charging gun to recharge it before restarting; If vehicle still cannot be started, please contact authorized service centre.

The power battery is located under the body floor, and please drive carefully and prevent it from bumping when the vehicle passes over bumpy roads or is driven on bumpy roads. If driving on a rough road or wading road (over 15 cm deep), please slow down.

■ Due to the influence of chemical characteristics of power battery itself and for the purpose of better protecting the power battery, it is normal if the following conditions exist:

1. The power performance of the vehicle will be weakened when the power battery is in low charge.
2. When driving in high or low temperatures, there may be an increase in power consumption and a reduction in driving range.
3. The charge and discharge performance of power battery at high or low temperature will be weakened, and the charging time will become longer, which is a normal phenomenon.
4. When the power battery is nearly fully charged, it will automatically switch to trickle charging mode, which may extend the final charging time. There may be deviations in the estimated charging time displayed on the large screen and instrument cluster of the vehicle.

■ Since the performance of power battery will decline in low temperature environment, the following treatment methods will help you to use the vehicle better:

1. If ambient temperature is lower than -10℃, it is recommended to park vehicle in a warm house or a garage with room temperature.
2. If there is no warm house or garage with room temperature, the vehicle has charging and heating functions of plug-in charging gun. If charging gun is connected, it is recommended to select travel reservation function half an hour before departure (travel reservation function can be set in head unit system and APP), which can increase power battery temperature to the best state and turn on air conditioning in advance, so that you can have a better driving experience.

■ In order to prevent damage to the power battery, the performance of the power battery will be reduced in high/low temperature environments. If the ambient temperature is too high or too low, the charging and discharging power will be affected.

■ When the vehicle is not used for a long time, the following methods will help power battery to be in the best state:

1. When the vehicle is not used for a long time and SOC is less than 20%, charge it as soon as possible.
2. When the vehicle is not used for a long time, park it in a place where the ambient temperature is lower than 45 ℃ and there is no ponding, and try to avoid direct sunlight.
3. When the vehicle is not used for a long time, SOC displayed on instrument cluster may be inaccurate. Do not judge the remaining power of power battery based on SOC, and charge battery fully before driving.

4. When the vehicle is not used for a long time, charge 12 V battery for 15 - 30 minutes once a month (with the vehicle in READY state, keep charging for 15 - 30 minutes).
5. When the vehicle is not used for a long time, power battery system should be fully charged once a month and then discharged to maintain the SOC at about 50%; Failure to do so may cause excessive discharge of power battery.

⚠ WARNING

- Once the vehicle is powered on, the high voltage circuit will be in a conducting state. Non-professional personnels are strictly prohibited from conducting any electrical maintenance or repairs on the vehicle while the power is on.
- Non-professional personnels are strictly prohibited to open the power battery. The units or individuals should be responsible for environmental pollution or safety accidents caused by removal or disassembly of the battery without permission.
- If the power battery fails, the battery is depleted. Even with 12 V external power supply, the vehicle cannot be jump started. please contact the authorized service centre in time, never repair it without authorization.

Power battery recovery

■ Recover and disposal range

Power battery whose residual capacity and charge and discharge performance after using cannot guarantee the vehicle normal driving, or is not used again after it is removed due to other reasons.

■ Recover and disposal process

The power battery is installed on the vehicle chassis, which consists of lithium battery cells. Disposal at will can cause pollution and harm to the environment.

According to relevant regulations, vehicle owner is obliged to hand over used power battery to recycling service stations. It is strictly forbidden to hand over used power battery to other units or individuals. The vehicle owner shall be responsible for environmental pollution or safety accidents caused by unauthorized removal or disassembly of the power battery.

Be sure to dispose according to the following information or requirements. For details on the recycling and disposal of power battery, please contact the authorized service centre.

1. The temporary recycling service centre for vehicle used power battery is the local authorized service centre.
2. The disassembly of power battery must be performed by professional serviceman with certification qualification of power battery supplier.

3. The power battery belongs to the 9th category of dangerous goods and must be transported by vehicles with the 9th category of dangerous goods transportation qualification.
4. The removed power battery should be stored in a normal temperature, dry environment, away from flammable materials, heat sources, water sources and other hazards.

⚠ WARNING
• Do not dispose of power battery by yourself. • Do not sell, transfer or modify power battery. • When power battery needs to be repaired, removed, replaced and disposed, always contact the authorized service centre.

Usage precautions for power battery

Power battery belongs to high voltage energy-storage device and dangerous goods. It is necessary to contact the authorized service centre for installation and maintenance of power battery by professional serviceman who must observe related safety regulations strictly; Non-professional serviceman and improper operation and use may cause serious results such as electric shock, combustion, explosion etc. Non-professional serviceman are prohibited to install, repair power battery and abuse it beyond specified range. Power battery damage and other losses caused by using it without observing requirements or beyond specified range will not be guaranteed. Pay attention to the following:

1. Anti-shock and anti-collision

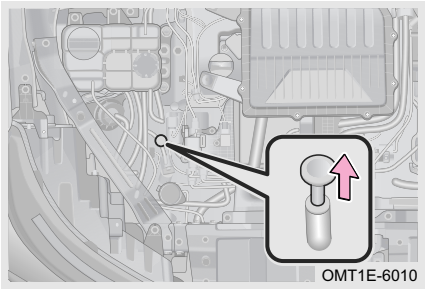
   The battery cells of power battery are connected in series and equipped with management system and various sensor devices, so be careful when driving on uneven roads to prevent power battery from bumping.
2. Heat insulation in any environment

   Keeping power battery in the best operating temperature range can greatly prolong the service life of battery and improve safety performance, so try to park vehicle in heat insulation and ventilated places.
3. Moisture-proof and water-proof

   Power battery is a high voltage energy-storage device with many high voltage control circuits and battery cells. The liquid entering power battery may cause short circuit, electricity leakage and corrosion of battery cells, electric circuits and connectors. Make sure that power battery will not be soaked by various liquids and moist air will not enter the power battery.

Checking Oil Level

Checking engine oil



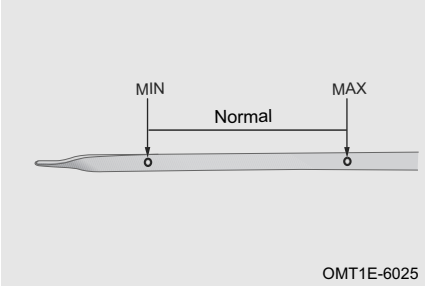
With the engine stalling and cooled down, check the oil level with the dipstick.

Step 1: Warm up the engine and then stop the vehicle on a level ground. Wait for approximately 5 minutes after turning off engine;

Step 2: Open the hood, pull out the dipstick and wipe it with a clean cloth;

Step 3: Insert the dipstick to the bottom uniformly and slowly;

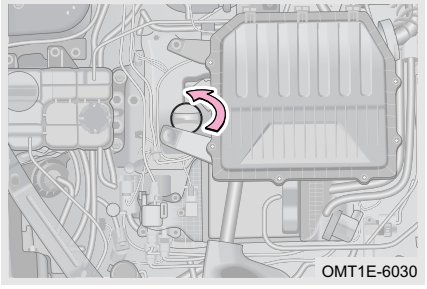
Step 4: Leave the vehicle as is for approximately 3 seconds, pull out the dipstick again and check if oil level is proper.



Put a cloth under the dipstick to avoid oil spilling onto engine or vehicle body.

Do not check the oil level immediately after the engine warms up, and wait until the oil returns into the bottom of engine.

Adding engine oil



Step 1: Turn the engine oil filler cap counterclockwise to open it;

Step 2: Use the funnel to add a small amount of engine oil for several times and check the oil level with a dipstick again;

Step 3: When the level is within the correct range, turn the engine oil filler cap clockwise to tighten it.

ENVIRONMENTAL PROTECTION

Do not discard the waste engine oil and filter in the household rubbish and sewer or on the ground. Otherwise, it will cause serious environmental pollution. Please dispose it according to the local regulations regarding to environmental protection.

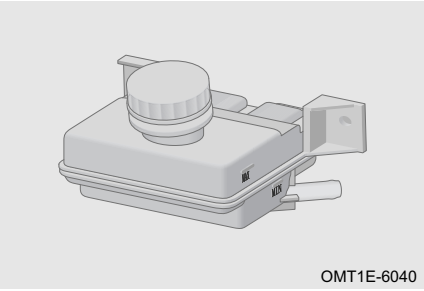
CAUTION

- Do not overfill oil, or it may cause damage to engine.
- Only recommended engine oil can be used. Otherwise, all the direct or indirect loss incurred are at customer's own risk
- If oil is accidentally spilled on the surface of the engine during refueling, clean the spilled oil with canvas and other tools before tightening the engine oil filler cap.
- The engine oil filler cap cannot be placed up side down after removal to prevent misjudgment caused by oil backflow, and prevent oil flowed through seal ring from overflowing by itself after assembly again, which results in an illusion of oil leakage from the engine oil filler cap.

Checking Transmission Fluid Level

Checking, adding and replacing of transmission fluid should be done by professionals. Please go to authorized service centre.

Checking Brake Fluid Level



OMT1E-6040

The brake fluid level should be between the "MIN" and "MAX" marks. If the level is at or below the "MIN" mark, add brake fluid.

CAUTION

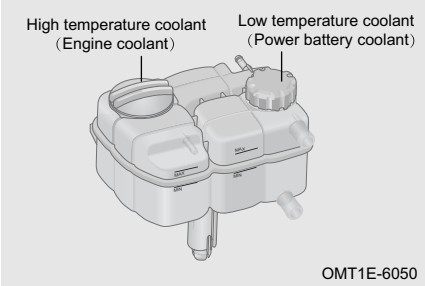
- As the brake fluid has high water absorbability, do not leave the brake fluid reservoir cap open for a long period of time.
- Only recommended brake fluid can be used. Otherwise, all the direct or indirect loss incurred are at customer's own risk.
- If brake fluid splashes onto the painted surface of vehicle body, be sure to clean it with a wet sponge or wash it off with water to avoid corroding the parts or painted surface.

⚠ WARNING

Never allow brake fluid to contact your skin or eyes. If the brake fluid splashes into your eyes or on your skin, flush the area immediately with a great quantity of water. Get emergency medical attention immediately if necessary.

Checking Coolant Level

Checking coolant



When engine is cold, the coolant level should be between the "MIN" and "MAX" marks. If the level is at or below the "MIN" mark, add coolant.

Adding coolant

Step 1: When the engine is cold, open the coolant reservoir cap, and add coolant until reaching "MAX" mark.

Step 2: Start and run the engine to a normal temperature. Observe the coolant level in the reservoir all the time. If the level falls below "MIN" mark, add coolant to an appropriate level until the coolant level does not fall down further;

Step 3: Turn off engine and check if coolant level is correct after engine cools down. If not, repeat above operations until level is normal;

Step 4: Install the coolant reservoir cap into place.

⚠ CAUTION

- If coolant level falls down too fast, check radiator, water hose and water pump for leakage.
- Only recommended coolant can be used. Otherwise, all the direct or indirect loss incurred are at customer's own risk.
- Do not poor quality coolant, because the engine becomes excessively hot as running and inferior coolant cannot provide sufficient cooling and corrosion protection.

⚠ WARNING

- When engine is hot, the cooling system will be under high pressure. In this case, do not open the coolant reservoir cap, otherwise, the escaping steam may cause scalding injury.
- The coolant is poisonous, so pay extreme caution not to spray the liquid on any part of the vehicle, human body or ground when adding coolant. If the coolant accidentally gets onto your skin or into eyes, please wash the affected area with a great quantity of water. Get emergency medical attention immediately if necessary.

Checking Radiator and Condenser

After the vehicle runs for a period of time, the front surface of condenser and radiator could be blocked with some insects, leaves and other objects, which could affect the performance of air conditioning and cooling system, resulting in air conditioning operating improperly and cooling system overheating. It is necessary to clean radiator and condenser at the time.

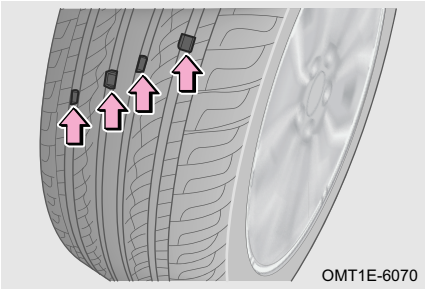
Condenser: Clean the condenser by blowing compressed air from rear to front through the radiator when the engine is turned off and cools down.

Radiator: It is recommended to clean the radiator surface every year. With engine turned off and cooled down, use compressed air or water to clean the radiator fins and blow off the insects and leaves, etc. Air and water pressure should not exceed 150 kPa. Otherwise, the radiator fins could be damaged.

⚠ CAUTION

- The material of radiator fins has good thermal conductivity, which is used to cool the coolant; Do not brush the fins, or it may cause damage to the fins, affecting the cooling effect.
- Do not spray water on the hot radiator while the engine is hot, otherwise, the generated high temperature steam may result in personal injury. Clean radiator when the engine is turned off and cools down.

Checking Tyres

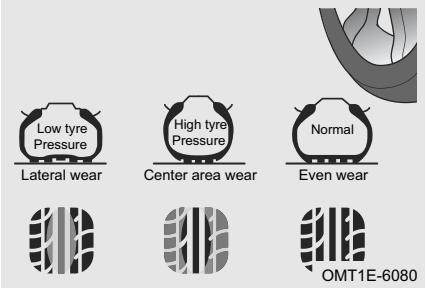


Check the tyre tread for tread wear mark. When tread wear reaches its limit, tread will be in the same plane as the wear band. If such condition occurs, it indicates that performance and safety of tyre seriously decrease, and replacement is necessary.

ENVIRONMENTAL PROTECTION
Never discard a disposed tyre carelessly. It should be handled according to the local regulations regarding to environmental protection.

■ Observe the following precautions. Failure to do so may lead to an accident, resulting in death or serious injury

1. Do not use tyres that were used on another vehicle.
2. Do not mix tyres with remarkably different tread wear.
3. Do not use tyres if you do not know how they were used previously.
4. Do not mix tyres with different manufacturers, models or tread patterns.
5. Do not mix differently constructed tyres (such as: radial, bias-belted or bias-ply tyres).
6. Speedometer is affected by tyre size. If the tyre size (diameter) is different from the genuine one, it will not display accurate speed, and may result in accidents, such accidents loss are not covered by the warranty.



Incorrect tyre inflation pressure will lead to excessive fuel consumption, shorten the tyre service life and reduce the vehicle stability. Therefore, you should drive the vehicle with proper tyre pressure (For provisions about the tyre inflation pressure, please refer to the tyre pressure label on driver side B pillar). When cold tyre inflation pressure is higher than specified value or economic tyre pressure is used, driving comfort will be reduced accordingly. Please adjust it according to your needs.

■ Be sure to keep proper tyre inflation pressure. Otherwise, the following conditions may occur and result in death or serious injury

1. Excessive wear.
2. Poor handling.
3. Uneven wear.
4. Poor sealing of the tyre bead.
5. Wheel deformation or tyre separation.
6. Possibility of blowouts resulting from overheated tyres.
7. A greater possibility of tyre damage caused by poor road conditions.

⚠ CAUTION

- It is normal that the tyre inflation pressure increases after driving for a period of time.
- If the tyre needs to be inflated frequently, please go to authorized service centre for inspection and repair as soon as possible.
- If a tyre often leaks or cannot be properly repaired due to a cut or other damages, it should be replaced.
- Use a tyre pressure gauge to check cold tyre inflation pressure. Visual inspection of a tyre may cause inaccurate estimation on inflation pressure.
- If air leakage occurs while driving, do not continue to drive. Driving even a short distance can damage a tyre beyond repair.
- Be sure to install tyre valve caps properly. Otherwise, dirt could get into the valve core and cause blockage. If the caps are lost, install new ones as soon as possible.

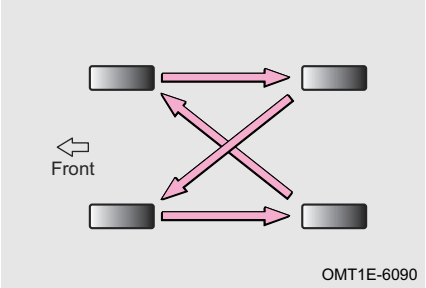
Avoiding Tyre Flat Spot

If the vehicle is parked in a high temperature environment for a long time, the contact position between the tyre and the ground will be slightly deformed, which is called "flat spot" and it is normal. However, it will cause the body and steering wheel to shake when the vehicle is driving. As the driving mileage increases, the tyres will heat up and return to their original state, and the shake will gradually disappear.

When the vehicle is stationary for a long time, the flat spot of tyre can be minimized by following methods:

1. Tyre pressure management: When parking, adjust the tyre pressure to (3.2 ± 0.2) bar to reduce tyre contact deformation with the ground, and check the tyre pressure at least once a month; Before driving, the tyre pressure must be restored to the normal recommended value to ensure driving safety.
2. Regular movement: It is recommended to drive the vehicle once every 2 weeks, with an interval of less than 30 days, and drive for more than 15 minutes each time, so that the tyres are evenly stressed by rolling.
3. Long-term parking: If the parking lasts for more than 2 months, it is recommended to use jacks to lift the body, so that the tyres are completely off the ground and free from continuous pressure.

Tyre Rotation



To equalize tyre wear and extend tyre service life, Chery recommends that four tyres are rotated every 6214 miles (10,000 km) (the best adjustment and rotation range is 3107 miles to 4349 miles (5,000 - 7,000 km)); The tyre rotation cycle may vary according to driver's driving habits and road surface conditions.

READ

Tyre rotation should be performed by professionals, please go to authorized service centre.

Check Battery

Check and make sure that the battery terminals are not corroded and that there are no loose connections, outside cracks, or loose hold-down clamps.

Your vehicle is equipped with maintenance free battery. The new battery should have the same specifications with the genuine one during replacement. We recommend that you should go to a authorized service centre for battery replacement.

Checking Air Conditioning Filter

Air conditioning filter can prevent outside dust from entering vehicle through air conditioning outlets when driving for a long period of time, and it may be blocked after being used for a long time. If efficiency of air conditioning decreases significantly, check filter and replace it as necessary.

READ

- The replacement of air conditioning filter should be performed by professionals, please go to authorized service centre.
- Using air conditioning with filter removed may result in degradation of dustproof performance, affecting efficiency of air conditioning.
- A/C system for some models can achieve PM2.5 protection, please check with your actual vehicle.
- A/C system for some models can achieve N95 protection, please check with your actual vehicle.

Checking Windshield Washer Fluid

If no washer fluid is sprayed from washer nozzles, stop operating washers and check if it is necessary to add washer fluid. If it cannot operate properly after adding washer fluid, please contact authorized service centre for inspection and repair.

⚠ CAUTION

- Never add antifreeze in the windshield washer fluid, because antifreeze will damage the body painted surface.
- Do not use water as washer fluid when temperature is below zero. Otherwise, water will be frozen, causing damage to washer.
- The capacity of windshield washer fluid reservoir is 4.5 L; when the washer fluid level is low, it may set off an alarm (if equipped), please refer to the actual vehicle.

Checking Wiper Blades

Check the roughness of wiper blade by sliding on its edge using your finger. Wiper blade will not work effectively, if it is too rough.

⚠ CAUTION

- Do not use the wiper blades to remove frost or ice covered on the windshield.
- When there are pits on the windshield that struck by gravel, please maintain it timely.
- In winter, make sure that the wipers are not frozen to the glass before operating them to avoid damaging the wiper blades.
- Butter, silicone and fuel may cause the wiper blades to operate improperly, and it is recommended to clean the wiper blades with washer fluid.
- When the blades are lifted for maintenance, the center connector position of the blades should be properly picked up, it is required to enter maintenance mode for some models (for details, please refer to "Wiper System").

Maintaining wiper blades

1. Do not use high-pressure water jet to directly wash the wiper blades while washing the vehicle, or the wiper blades could be deformed.
2. In order to prevent the formation of schlieren, it is recommended to clean wiper blades using glass detergent regularly once a week.
3. For safety, it is recommended to replace the wiper blades 1 to 2 times a year, the wiper blades can be purchased at authorized service centre.

4. Apply pure water to rinse the windshield and blades after washing the vehicle in the automatic car washer, which can remove the remaining wax layer.
5. Do not operate wiper blades when windshield is dry. Doing so may scratch glass, resulting in permanent damage to wiper blades.
6. Do not clean the windshield with fuel, nail polish remover, paint thinner or similar liquid, which can damage the wiper blades.
7. Avoid using glass plating agent and hydrophobic agent on the front and rear windshields. The hydrophobic layer will fall off slowly after using, resulting in uneven friction of windshield and abnormal noise of wiper shaking.
8. When the windshield surface is frosted or frozen, or when dry soil, insect, sticker or other solid particles are attached to the windshield surface, clean them with a wet cloth in time. Do not use a dry cloth or remove them with wiper blades directly, otherwise it will damage the glass and wiper blades.

Using wipers

1. Do not swing the wiper arm manually, otherwise it may damage the wiper.
2. When there is snow, leaves, branch and other objects, they should be cleaned before operating the wiper.
3. Washer fluid should be added on time, please use the windshield washer fluid as specified in this manual, and do not use tap water instead.
4. In cold weather, always check if the wiper blades are frozen on the windshield before using. If they are frozen on the windshield, always unfreeze before using. Use air conditioning heating and ventilation device to warm up. Do not pour hot water directly to blades, otherwise, windshield may break or wiper blades may deform.

High Pressure Washing

When washing the vehicle with a high pressure water gun, observe the following operation instructions:

- Do not use the "high pressure washer" to clean the vehicle.
- Before washing the vehicle, check that doors and windows of the vehicle are properly closed.
- When cleaning the vehicle, do not direct the water gun at the bottom connector of the vehicle for flushing.
- Do not aim the water gun nozzle at chassis connectors of the vehicle (-especially the connector connecting orange high voltage wire harness) for flushing.
- Do not use the nozzle to wash the front compartment directly or indirectly. High pressure water flow can cause damage to electrical appliance in front compartment or cause some components to not work properly.

- Never use a high pressure washer or a rotary nozzle. Under no circumstances clean the tyres with a high pressure washer, as damage may occur even with a greater spraying distance and short application time.
- Avoid cleaning sensor with a high pressure washer or steam washer to avoid damage to sensors. When cleaning the vehicle, flush surfaces of radars and cameras with a low pressure water stream for a short duration, and always maintain the recommended minimum distance.
- Be sure to clean the vehicle strictly according to operating instructions for high pressure washer. In particular, maintain a sufficient distance between the spray and soft materials (such as rubber hoses or sound insulation materials) in terms of pressure and spraying distance. If a pressure washer is used, the nozzle must be kept at a certain distance from the surface of the vehicle body. Keep the nozzle moving and do not spray a single area continuously. High pressure water immersion into vehicle parts may cause damage.

7-3. Regular Maintenance

Technical Data

Fluid Name	Specification	After-sale Maintenance
Refrigerant	R1234yf	550±15g
Compressor oil	PVE	180±10g

READ

Contains fluorinated greenhouse gases and CO2 equivalent 0.000275t.

CAUTION

The above filling amount is only for reference. The specific filling amount should be based on the actual vehicle measurement.

SPECIFICATION

8-1. Label Location

Vehicle Identification Number (VIN) 242

Vehicle Product Label 243

Engine Number..... 243

Microwave Window (If Equipped) 243

8-2. Vehicle Specifications

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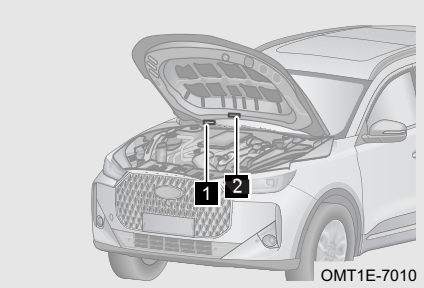
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8-1. Label Location

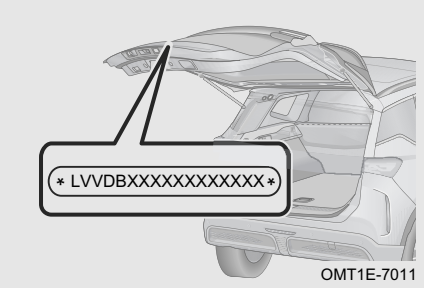
Vehicle Identification Number (VIN)

Vehicle Identification Number (VIN) on actual vehicle

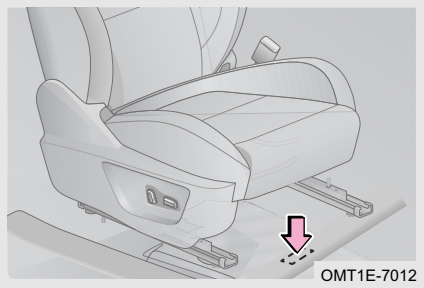


1 Vehicle Identification Number (VIN) label is located on upper right of driver side instrument panel, and can be seen from the outside through the front windshield.

2 Vehicle Identification Number (VIN) label is located on hood as shown in the illustration.



Vehicle Identification Number (VIN) label is located on back door as shown in the illustration.

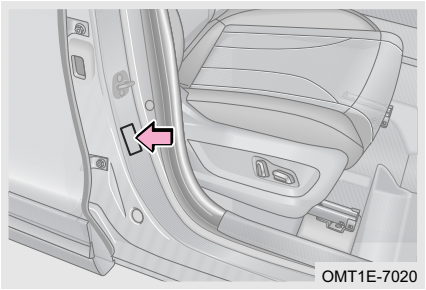


Vehicle Identification Number (VIN) is stamped under driver's seat.

⚠ CAUTION

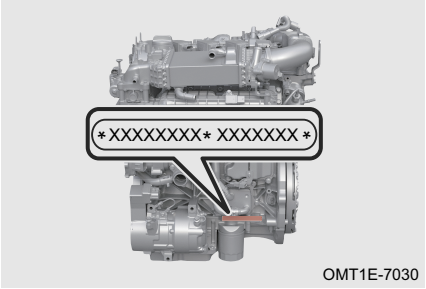
It is forbidden to cover, paint, weld, cut, drill or remove Vehicle Identification Number (VIN) and areas around it.

Vehicle Product Label


OMT1E-7020

Vehicle product label is located on right quarter outer panel as shown in the illustration.

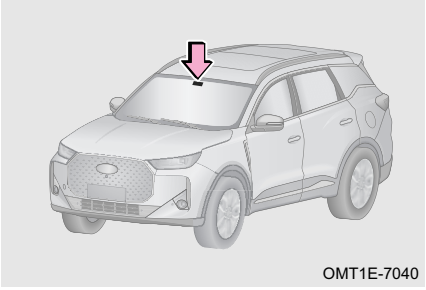
Engine Number



OMT1E-7030

Engine number is located on engine block as shown in the illustration.

Microwave Window (If Equipped)


OMT1E-7040

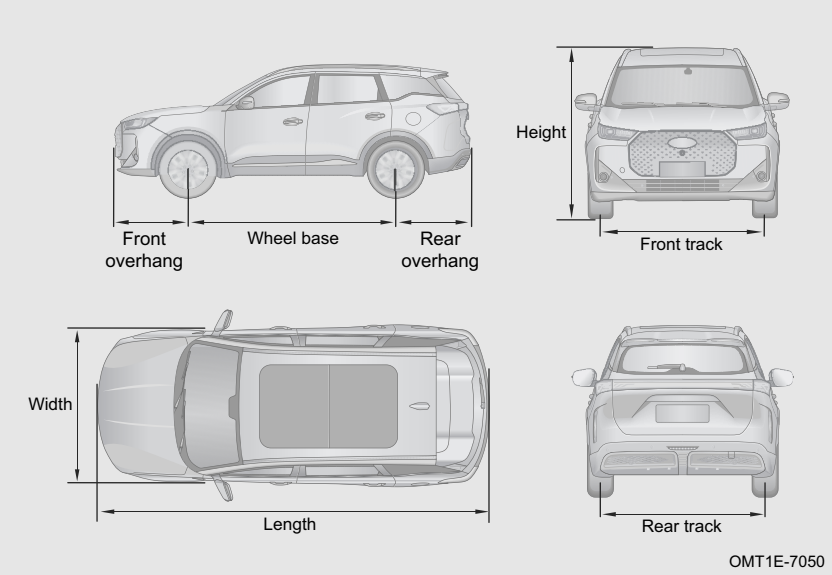
The microwave window is located at right side on back of front windshield inside rear view mirror where is for wireless RF signal transmission and installation of automotive electronic identification.

READ

Some models are equipped with the Electronic Toll Collection (ETC) function. For the activation method of this function, please consult authorized service centre.

8-2. Vehicle Specifications

Vehicle Dimensions



Overall Size	Length (mm)	4540
	Width (mm)	1862
	Height (mm)	1695
Wheel Base (mm)		2650
Track	Front (mm)	1570
	Rear (mm)	1570
Overhang	Front (mm)	934
	Rear (mm)	956

Vehicle Type

Vehicle Type	4 × 2 front-wheel drive, front-wheel steering, transverse front-engine, 2-compartment, 5-door, 5-seat, integral body, right-hand drive
Engine Model	SQRH4J15
Engine Type	Vertical, 4-cylinder in-line, water-cooled, 4-stroke, double overhead camshaft, turbocharging, intercooler
Fuel Supply Type	Direct injection
Transmission Model	130HHB

Vehicle Weight

Vehicle Curb Weight (kg)		1790
Vehicle Curb Axle Weight	Front Axle (kg)	1046
	Rear Axle (kg)	744
Manufacturer Maximum Total Weight (kg)		2295
Manufacturer Maximum Total Axle Weight	Front Axle (kg)	1143
	Rear Axle (kg)	1152
Seating Capacity (Including Driver) (Person)		5

⚠ WARNING

Please follow the vehicle load specified in the instruction manual and do not exceed the allowable total weight. Otherwise, the brake and handling performance of the vehicle may change and may cause an personal injury and accident.

Vehicle Performance

Passing Performance	Minimum Ground Clearance (mm)		175 (unladen) / 153 (laden)
	Minimum Turning Diameter (m)	Left Turn (m)	11
		Right Turn (m)	11
	Approach Angle (°)		20.9 (unladen) / 20.4(laden)
	Departure Angle (°)		26.7 (unladen) / 22 (laden)
Power Performance	Maximum Vehicle Speed (km/h)		180
	Maximum Gradeability (%)		35

Engine Performance

Engine Model	SQRH4J15
Cylinder Bore Diameter (mm)	72
Piston Stroke (mm)	92
Displacement (mL)	1499
Compression Ratio	14.5:1
Maximum Net Power (kw)	105
Maximum Net Power Speed (r/min)	5200
Maximum Net Torque (N·m)	215
Maximum Net Torque Speed (r/min)	2500

Drive Motor

Model	KPTZ220YMDA0
Type	Permanent magnet synchronous motor
Cooling Method	Oil cooling
Rated Voltage (V)	350
Rated Power (kw)	70
Peek Power (kw)	150
Rated Torque (N·m)	140
Peak Torque (N·m)	310
Rated Speed (rpm)	4775
Peak Speed (rpm)	16000

Fuel System

Fuel Type*1	Unleaded gasoline with an octane 95# or higher
	E5 / E10
Fuel Tank Type	Metal fuel tank
Fuel Tank Capacity	60 L
Fuel Pump	Electric fuel pump

*1: Please use the fuel recommended by authorized dealers.

READ

- E10 fuel can generally be compatible with E5 fuel, and usually will not cause damage to automotive products.
- Vehicle with catalytic converters can only use unleaded gasoline. In order to avoid the accident of filling wrong fuel type, the fuel filler pipe adopts a neck-type fuel filler port design, and only the standard unleaded gasoline fuel gun can be used for fueling operation.

⚠ CAUTION
• Only use recommended fuel type. • Gasoline numbers lower than requirements may cause damage to the engine and such damage is not covered under warranty. • Using leaded gasoline will cause three-way catalytic converter to lose its effectiveness and exhaust system to function improperly. • If you accidentally fill leaded gasoline to the oil tank and start the engine (-even if only a small amount is filled), it will cause permanent damage to the catalytic converter. If you accidentally fill leaded gasoline, please go to authorized service centre for inspection and repair immediately.

Suspension System

Front Suspension	Macpherson type independent suspension, unadjustable height, w/anti-roll stabilizer bar, cone coiled spring, double adjustable shock absorber
Rear Suspension	Multi-link type independent suspension, unadjustable height, w/anti-roll stabilizer bar, cone coiled spring, double adjustable shock absorber

Power Battery

Model	113ADG / 113AEA
Rated Voltage (V)	339.2 / 350.56
Rated Capacity (Ah)	54 / 52.5
Cell Voltage (V)	3.2 / 3.13
Charging Operating Temperature Range of Battery System (℃)	-30℃-60℃ / -20℃-60℃
Discharging Operating Temperature Range of Battery System (℃)	-35℃-60℃ / -30℃-60℃
Drive Mode	2WD

Battery

Battery Model	AGM 40ah

Steering System

Power Steering Type		Electric boost
Steering Wheel Diameter (mm)		380
Steering Gear Type		Rack & pinion steering gear
Steering Wheel Adjustable Range	Up-down (°)	± 1.8°
	Front-back (mm)	+30,-10

Brake System

Foot Brake	Front Wheel	Disc brake
	Rear Wheel	Disc brake
Brake Booster		Vacuum booster
Parking Brake		Electric parking brake for rear wheels
Reasonable Range of Brake Pedal Free Travel		⩽ 25 mm
Reasonable Range of Use for Brake Friction Pair		Thickness of new front brake disc: 25 mm, use limit: 23 mm Thickness of new front brake plate friction material: 10 mm, use limit: 2 mm Thickness of new rear brake disc: 10 mm, use limit: 8 mm Thickness of new rear brake plate friction material: 9 mm, use limit: 2 mm

⚠ WARNING

- In the case of heavy load, the brake fluid should be replaced while the brake plates are being replaced.
- When adding brake fluid, make sure it is absolutely clean. If any dirt gets into the brake system, it may result in loss of braking performance.

Wheel Alignment

Front Wheel	Front Wheel Camber	-25′ ± 45′
	Kingpin Caster Angle	4°28′ ± 60′
	Kingpin Inclination Angle	13°43′ ± 60′
	Front Wheel Toe-in	5′ ± 5′ (one side)
Rear Wheel	Rear Wheel Camber	-42′ ± 30′
	Rear Wheel Toe-in	5′ ± 10′ (one side)

Wheel and Tyre

Tyre Model		225/60R18
Rim Model		18x6.5J
Cold Tyre Inflation Pressure (kPa) (Unladen)	Front Wheel	220
	Rear Wheel	220
Tightening Torque of Wheel bolts		M14: 180 ± 18N·m
Wheel dynamic balance requirements for vehicle with a maximum design speed of more than 100 km/h		Allowable residual balanced mass: Clamp balance block side ⩽ 8 g, paste balance block side ⩽ 10 g

READ

The tyre inflation pressures listed in the table apply to cold tyres. The pressure increases slightly when the tyre is heated, but it is unnecessary to lower the pressure.

CAUTION

- Tyre pressure should be checked at least once a month, and tyre inflation pressure is especially important at high speeds.
- In order to facilitate you to find the specified value for inflation pressure, there is adhesive sticker label on the driver doorsill, which is marked with the specified value for cold tyre inflation pressure.

Light Bulb Specification

Light Bulb Name	Nominal Light Source (Type/Model)	Replacement Advice
Headlights	LED	Replaced by authorized service centre
Rear Fog Light	P21W	Replaced by authorized service centre
Daytime Running Light	LED	Replaced by authorized service centre
Front Position Light	LED	Replaced by authorized service centre
Rear Position Light	LED	Replaced by authorized service centre
Stop Light	P21W	Replaced by authorized service centre
High Mounted Stop Light	LED	Replaced by authorized service centre
Back-up Light	W16W	Replaced by authorized service centre
Front Turn Signal Light	LED	Replaced by authorized service centre
Side Turn Signal Light	LED	Replaced by authorized service centre
Rear Turn Signal Light	PY21W	Replaced by authorized service centre
License Plate Light	LED	Replaced by authorized service centre

Measurement Range of Vehicle Overall Size except Following Components

Components not included in vehicle length size

The following devices do not have laden function and their sizes are 50mm or less than the vehicle’s front end or rear end, and fillet radius of edge and corner is no less than 5mm:

— Wiper and washer

— Outer identification, including registered trademark, manufacturer name, origin, model name and type, engine emission, transmission type, driving type and other distinguishing identification of the vehicle

— Lights and light signal device

— Anti-collision rubber block and equivalent

— External sunshade device

— Customs sealing device and its protective device

— Device used to fixed raincloth and its protective device

— Locking device, hinge, handle, controller, switch

— Step plate (or ladder), vehicle climbing step plate and handle on top of bumper used for cleaning windows.

— Rear emblem plate with LOGO

— Removable trailer or towing device

— Exhaust tail pipe

Components not included in vehicle width size

— Indirect view device

— School bus stop plate in inoperative state

The following devices do not have laden function and their one side size exceeds the side of vehicle for no more than 50mm, and fillet radius of edge and corner is no less than 5mm:

— Outer identification, including registered trademark, manufacturer name, origin, model name and type, engine emission, transmission type, driving type and other distinguishing identification of the vehicle

— Lights and light signal device

— Anti-collision rubber block and equivalent

— Customs sealing device and its protective device

— Device used to fixed raincloth and its protective device

— Local water drain slot: Refers to the water drain slot used to guide rain flow above driver door (or window) and passenger door, both sides of front windshield

— Flexible protruding part of splash proof system

— Retractable step plate, entering/exiting slope of bus, lifting platform and equivalent that is in the retract state

— Locking device, hinge, handle, controller, switch

— Tyre failure signal device

— Tyre pressure indicator

— Deformed part of tyre wall directly above contact point between tyre and ground

— Reversing assistance device

— Exhaust tail pipe

Components not included in vehicle height size

Soft part of antenna

Device without laden function:

— Intake duct

— Indirect view device

— Current collecting device of electric vehicle (including its fixing device)

— Vehicle rear air guide device that is removable or folding, and its deployed and retracted length is no more than 2000mm and 200mm respectively

— Tailboard, entering/exiting slope and equivalent with a horizontal length not exceeding 300 mm in retract state

— Tail ladder

Your Rights

Depending on local law, you may have the following rights regarding your personal data: the right to object or withdraw consent, the right to access, update, and correct inaccuracies of your personal data, the right to have your personal data restricted or deleted, the right to receive your personal data and request its transfer to another organization where technically feasible, and the right to be informed of and lodge a complaint with your local data protection authority.

Contact Us

To make a query, raise a concern, or exercise your data subject rights, please feel free to contact us at privacy@mychery.com. This applies if you are based within the European Economic Area and the UK.

We take your privacy seriously and aim to respond to you within one month or within the timeline specified by the relevant local privacy protection law, after confirming your identity.

If you believe that we have not adequately addressed your complaints or concerns, you have the right to lodge a complaint with a competent data protection authority.

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Emergency Response Guide

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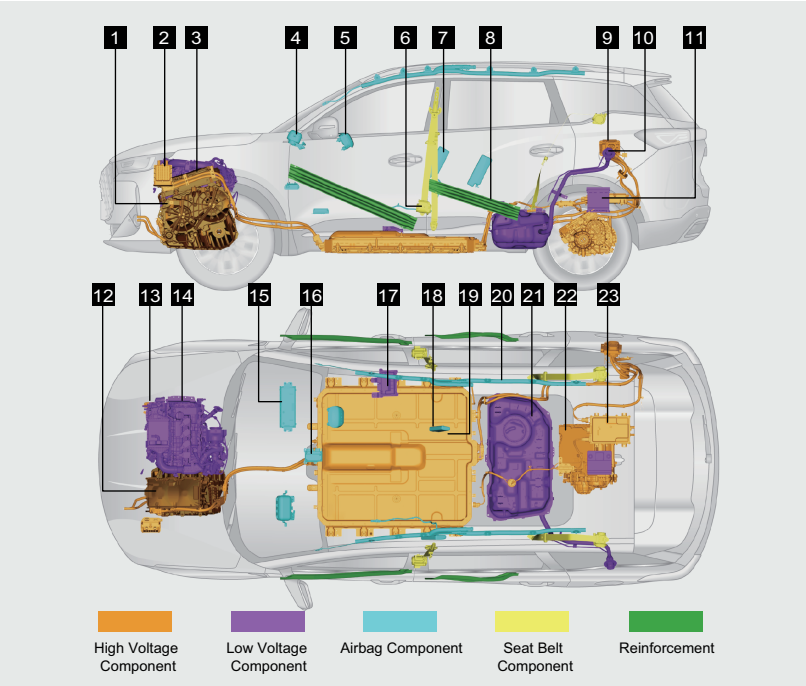
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1-1. RESCUE INFORMATION

Rescue Card Information



1 Hybrid Transmission

2 High Pressure Heater

3 High Voltage Power Distribution Unit

4 Front Passenger Airbag

5 Driver Airbag

6 Seat Belt Pretensioner (If Equipped)

7 Side Airbag (If Equipped)

8 Guard Plate

9 AC Power/DC Power Charging Port

10 Fuel Filler

11 Battery (12 V)

12 Front Motor Controller

13 Electric Compressor

14 Engine

15 Driver Knee Airbag (If Equipped)

16 Airbag Module

17 Vehicle Control Unit

18 Central Airbag (If Equipped)

19 Power Battery
20 Side Curtain Shield Airbag (If Equipped)
21 High Pressure Fuel Tank
22 Rear Drive Motor (If Equipped)
23 On-board Charger Assembly

⚠ WARNING

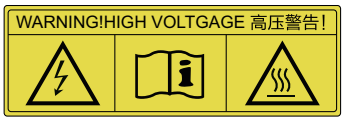
- In case of traffic accident, do not touch high voltage component and high voltage wire harness in the illustration to avoid serious injury or even death.
- When cutting the vehicle for rescue, avoid the components in the illustration and the rescuer must wear basic rescue protective device. Select high voltage rescue protective device or fire rescue protective device according to the site situation. Failure to follow the instructions may cause personal injury or even death.

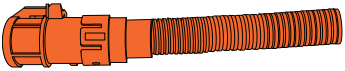
Vehicle Basic Information

Overall Size	Length (mm)	4540
	Width (mm)	1862
	Height (mm)	1695
Wheel Base (mm)		2650
Manufacturer Maximum Total Weight (kg)		2295
Seating Capacity (-Including Driver) (Person)		5

Battery cells	Type	Lithium ion battery
	Monomer nominal voltage (V)	3.2 (113ADG) 3.13 (113AEA)
Power battery assembly	Battery pack rated capacity (Ah)	54 (113ADG) 52.5 (113AEA)
	Battery pack nominal voltage (V)	339.2 (113ADG) 350.56 (113AEA)
	Number of battery pack (pieces)	1
Fuel tank capacity (L)	60	

Safety Sign Information

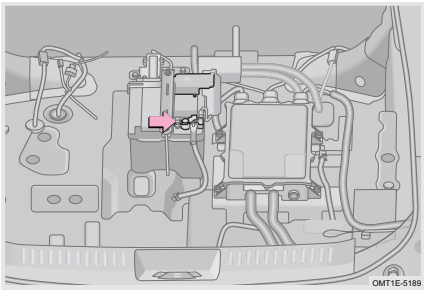
Warning Sign Name	Warning Sign Pattern	Warning Sign Description
High Voltage Warning Sign 1		Never touch high voltage system components. Never depress! Danger!
High Voltage Warning Sign 2		High voltage system components, be careful, Danger! Never touch high voltage system components without wearing protection device, beware of electric shock!
High Voltage Warning Sign 3		High voltage system components, be careful, Danger! Never touch high voltage system components without wearing protection device, beware of electric shock and high temperature scald!
High Voltage Warning Sign 4		High voltage system components, be careful, Danger! Never touch high voltage system components without wearing protection device, beware of electric shock and high temperature scald!
High Voltage Warning Sign 5		High voltage system components, be careful, Danger! Never touch high voltage system components without wearing protection device, beware of electric shock and high temperature scald!

High Voltage Warning Sign 6		High voltage system components, be careful, Danger! Never touch high voltage system components without wearing protection device, beware of electric shock and high temperature scald!
High Voltage Wire Harness Sign		Vehicle high voltage system components are connected by orange high voltage wire harness. Never touch high voltage system components without wearing protection device!
Power Battery Pack Warning Sign		Usage precautions for power battery pack!

⚠ WARNING

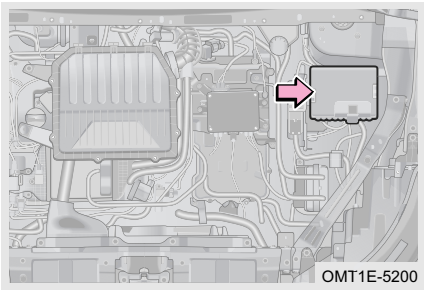
- After vehicle is started, power system will be hot. Be careful of high voltage and high temperature, and always follow the instructions on the vehicle safety warning signs.
- Never touch, remove or replace parts with high voltage warning marks, orange cables and connectors on vehicle to prevent high voltage electric shock.
- Not every high voltage component is labeled. Rescuer must wear basic rescue protective device when cutting a vehicle. Select high voltage rescue protective device or fire protective device according to the site situation. Failure to follow the instructions may cause personal injury or even death.

Disconnecting 12 V Battery



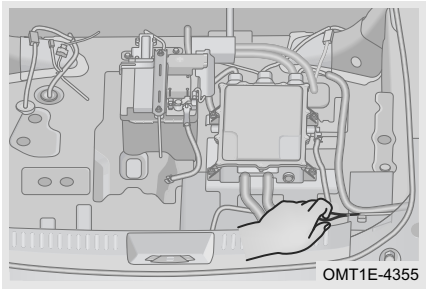
1. Turn vehicle power to OFF mode, and connect jumper cables;
2. Open the back door, fold back luggage compartment carpet and take out the storage box;
3. Disconnect the negative battery cable.

High Voltage Power Release Method



1. Power off the vehicle;
2. Disconnect the negative battery cable;
3. Remove front compartment fuse box cover, refer to fuse location diagram on fuse box cover, pull BMS fuse out by a fuse remover and disconnect the BMS module power.

Disconnecting Charging Gun

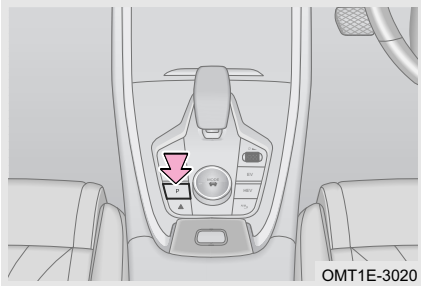


If charging gun cannot be unplugged from AC charging port by pressing and holding the upper button of charging gun, it can be released manually by using the cable.

1. Make sure that the vehicle is not charged at present according to charging information displayed on instrument cluster;
2. Open the back door and lift the luggage compartment carpet;
3. Pull charging gun release cable to release charging gun manually.

1-2. EMERGENCY HANDLING PROCEDURE INFORMATION

Parking Operations



OMT1E-3020

Depress brake pedal, and park the vehicle smoothly. Press P button to shift the gear position to P, "Ⓟ" red indicator on instrument cluster remains on, indicating that parking function is activated.

Vehicle Power-off

Normal power-off

With vehicle in READY and gear position in P, the driver door is opened, the driver gets up and leaves the driver seat, "READY" indicator on instrument cluster goes off, the vehicle exits "ready to drive" state.

With the vehicle power-on or in READY, if the driver seat is not occupied, all four doors are closed, and gear position is in P, the following operations will power off the vehicle:

- Lock and power off the vehicle with smart key.

Power-off switch

When the vehicle is in a stationary state for a long time, perform power-off through the power-off switch in the head unit display to reduce the loss of vehicle energy consumption.



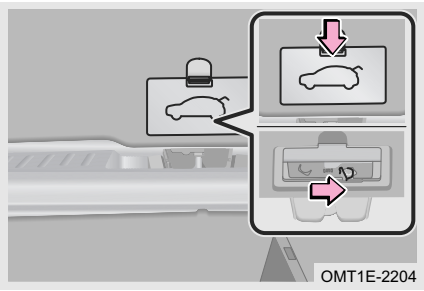
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When the vehicle is in a stationary state and the shift position is in P/N, press the power-off switch and confirm to turn off power supply of the vehicle according to the hints on head unit, the vehicle is powered off.

Automatic power-off

With vehicle powered on, driver seat not occupied, four doors closed, and gear position in P, the vehicle is powered off automatically after parking for about 90 minutes.

Back Door Emergency Opening



1 Get in the rear of vehicle and open emergency device cover;

2 Press the emergency device switch with hand, release it, and then push the back door to open it.

Protection Device Required for Rescuer



Basic Rescue Protection Device:

1 High Resistance Safety Work Shoes

2 Cotton Gloves

3 Protective Gloves

High Voltage Rescue Protection Device:

4 High Voltage Power Specialist Protective Clothing

5 Rubber Sheet

6 Safety Helmet with Goggles

Fire Rescue Protection Device:

7 Compressed Air Breathing Mask

8 Thermal Imaging Camera

> ⚠ WARNING
>
> Rescuer must wear basic rescue protective device. Select high voltage rescue protective device or fire rescue protective device according to the site situation. Failure to follow the instructions may cause personal injury or even death.

Emergency Rescue

> ⚠ WARNING
>
> When the vehicle needs emergency rescue, be sure to inform the rescuer that the vehicle is equipped with power battery, and please transfer the rescue information manual to rescuer.

How to avoid water intrusion into high voltage components

1. When a vehicle is flooded, first pull the vehicle out of the water and then cut off the high voltage power supply to avoid greater electric shock hazard due to vehicle immersion.
2. When washing the vehicle, avoid washing the charging port cover switch area with a high pressure water gun, otherwise it may cause the charging port cover to open and cause water to enter the charging port end.
3. Do not charge when there are obvious water stains in the charging port to avoid damage to the vehicle or charging device; When charging the vehicle, do not wash the charging port area to avoid damage to the vehicle or charging device.
4. Do not wipe the door protective panel with wet tissue, wet cloth, detergent etc. Pay attention to protection during the use of vehicle (such as on rainy days, washing vehicle) and try to avoid water intrusion into the door protective panel, otherwise it may cause internal electrical component fault etc.
5. Try to choose a place with a shelter for charging in the severe convective weather; If the vehicle is soaked in water or wading level is above the doorsill position, it may cause water to enter into the high pressure components. It is necessary to contact authorized service centre for proper test and treatment in time; Never drive on a road when water exceeds half of the tyres.
6. Try not to drive on a road with unknown depth of water to avoid leakage accidents or damage to high voltage electrical components; If wading is necessary, analyze the road condition and confirm the depth of water before driving, and the water depth should not be higher than the bottom of the body; It is recommended not to stay in deep water for a long time during wading, otherwise vehicle high voltage components may be damaged.

Driving in wade

■ When vehicle drives in wade:

1. If you cannot drive the vehicle away from the waterlogged area, please cut off power supply immediately.
2. When driving in wade, do not stop the vehicle and keep driving at low speed (vehicle speed cannot exceed 6 mph (10 km/h)).
3. Drive the vehicle away from the waterlogged area and park it in a safe area. Check if there is any water in the vehicle, and clean it if there is.

■ After vehicle drives in wade:

1. If the vehicle is severely flooded, all persons in the vehicle must evacuate to a safe area immediately.
2. After the vehicle drives in wade, slightly depress the brake pedal several times to remove any residual water from the brake disc and ensure that the brake system can work properly.
3. Go to authorized service centre for routine inspection as soon as possible, as water may enter into components of the drive train system and dilute the grease, causing system malfunction when vehicle drives in wade.

Fire prevention

■ In order to prevent vehicle fires effectively, pay attention to the following precautions during usage:

1. Do not leave flammable and explosive materials in the vehicle.

In hot summer, the internal temperature of the vehicle parked in the sun can reach more than 70℃. If lighters, cleaner, perfume and other flammable and explosive materials are left in the vehicle, it is very easy to cause fire or even explosion.

2. After smoking, make sure that the cigarette butt is completely extinguished.

Smoking is not only harmful to health, but also may cause fires. If the cigarette butt is not completely extinguished, it may cause a fire.

3. It is recommended to regularly go to authorized service centre for inspection.

Check the engine compartment for oil leakage regularly and clean any oil stain or oil on the engine in time.

Check regularly if vehicle circuits, electrical appliances and wire harness connectors, insulation and fixing position are normal. If any problem is found, handle it in time.

4. Do not modify vehicle circuits or add electrical components.

   a. It is strictly prohibited to use fuses or other metal wires that exceed the rated specifications of electrical appliances to replace fuses.

b. Installation of other electrical appliances (such as high power audio and light) can cause excessive load on circuits, and wire harness is prone to heating, causing fires. Improper modification of electrical appliances and circuits can create contact resistance and abnormal heating, causing fires.

5. Precautions for driving.

When parking the vehicle, especially in summer, it is important to check underneath for flammable substances, such as hay, dead branches and leaves, or wheat straw. If there are flammable substances under the vehicle, it is very likely to cause fires. When driving, the vehicle should also avoid roads covered with flammable materials such as dry leaves, wheat straw and weed etc. as much as possible, or stop vehicle in time to check underneath for flammable materials after passing through such roads. When parking, try to avoid areas exposed to sunlight as much as possible.

6. Always leave portable fire extinguishers in the vehicle and master the usage methods.

To ensure vehicle safety, fire extinguishers should be equipped in the vehicle and regularly inspected and replaced; At the same time, it is important to be familiar with the usage of fire extinguishers and be prepared to avoid being helpless in case of accidents.

7. When repairing or maintaining a vehicle, it is necessary to disconnect the 12 V battery power after the vehicle high voltage power is cut off.

Fire treatment

■ If the vehicle is on fire, take effective measures promptly and calmly to minimize losses:

1. After the accident occurs, contact the insurance company for post-treatment in time.
2. After the fire department extinguishes the fire, ask for a police certificate and a statement of the fire cause.
3. Generally, a fire has early warning signs (such as abnormal noise or odor from body). Once abnormal conditions are found, stop the vehicle and power off in time, and carry out active rescue according to the actual situation.
4. If smoke is found in the front compartment, do not open the front compartment cover immediately (As doing so will intensify the combustion and spread of the fire due to a large amount of air. Because the combustion material in the front compartment is limited, closing the front compartment cover can control the slow burning of the fire, which is conducive to extinguishing it).
5. If fire occurs, leave the dangerous area immediately and call the fire telephone. Be sure to inform the rescuers that this is a hybrid vehicle, and deliver the onboard rescue information manual to the rescuers.

⚠ WARNING
When fire occurs, never touch any part of vehicle directly. Keep away from the vehicle and wait for professional rescuers wearing appropriate protective device to operate it.

Power battery leakage

If power battery leaks, leave the dangerous area immediately and call the fire telephone. Be sure to inform the rescuers that this is a hybrid vehicle, and deliver the onboard rescue information manual to the rescuers.

⚠ WARNING
High voltage battery liquid leakage caused by collision can only be operated by professional rescuers who wear protective mask and solvent-isolation gloves. Do not touch liquid directly.

Vehicle cutting area

Vehicle pillar uses cast aluminum alloy to protect personal safety. If it is necessary to cut during rescue, proper tools should be used. It is forbidden to cut the high temperature and high voltage areas of the vehicle.

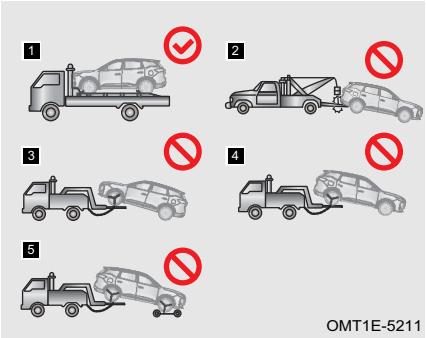
⚠ WARNING
When cutting the vehicle, professional rescuers must use appropriate tools such as hydraulic cutter etc. and wear appropriate personal protective device to avoid serious personal injuries.

Towing Vehicle

If the vehicle needs to be towed, it is recommended to contact authorized service centre or professional towing services department, or ask for help from the roadside rescue service organization you have joined.

⚠ WARNING
• Damage caused by transportation is not covered by the warranty. • To transport the vehicle, follow the instructions below strictly. • Do not tow your vehicle only with ropes or chains by other vehicles.

Using platform trailer



Please use **1** platform rescue vehicle to load your vehicle.

Vehicle towing precautions are as follow:

- Tow with four wheels off ground. Do not use the rescue method **2** **3** **4** **5** shown in the figure.
- Before towing, shift the gear position to N, turn on hazard light, and close the doors.
- During towing, nobody is allowed to seat in the accident vehicle.

⚠ CAUTION
Do not move the vehicle with forklift when vehicle is broken down.

⚠ WARNING
• No person or object is allowed behind the trailer when the vehicle is pulled onto the platform rescue vehicle, otherwise it may cause personal injury or death. • The vehicle can only be towed away from the site if there is no safety risk. If the vehicle power battery pack has deformation, leakage, smoke, etc., the safety risk should be solved first.