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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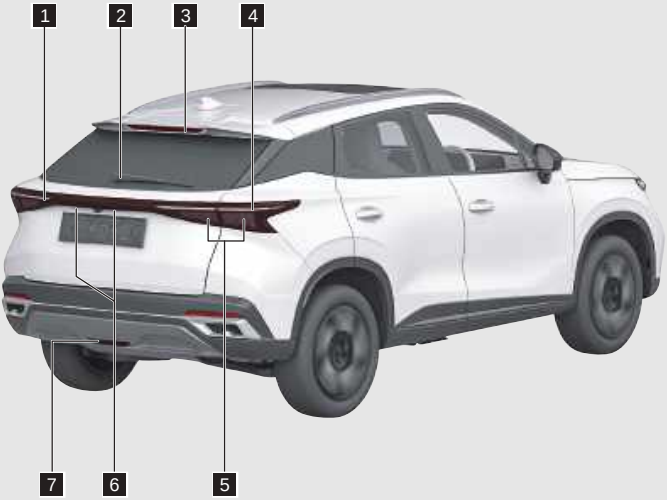
Happy driving!

Version No.: T19CMYHEVRHDOM26ENUK01
Issued January 2026

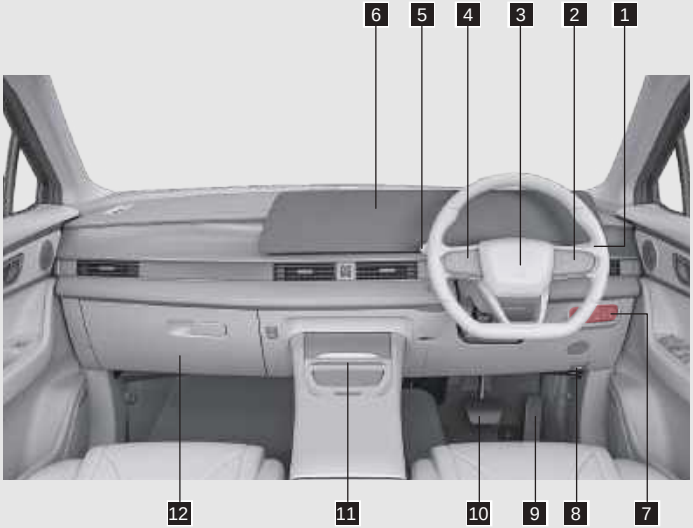
1 Hood P.111
2 Position light P.40
Front turn signal light P.41
Daytime running light P.42
3 Front wiper blade P.39
4 Outside rear view mirror P.34
5 Side turn signal light P.41
6 Fuel tank cap P.114
7 High beam light P.40
8 Low beam light P.40
9 Front Fog Light P.40
10 Tyre P.229

Note: Please refer to the actual vehicle.



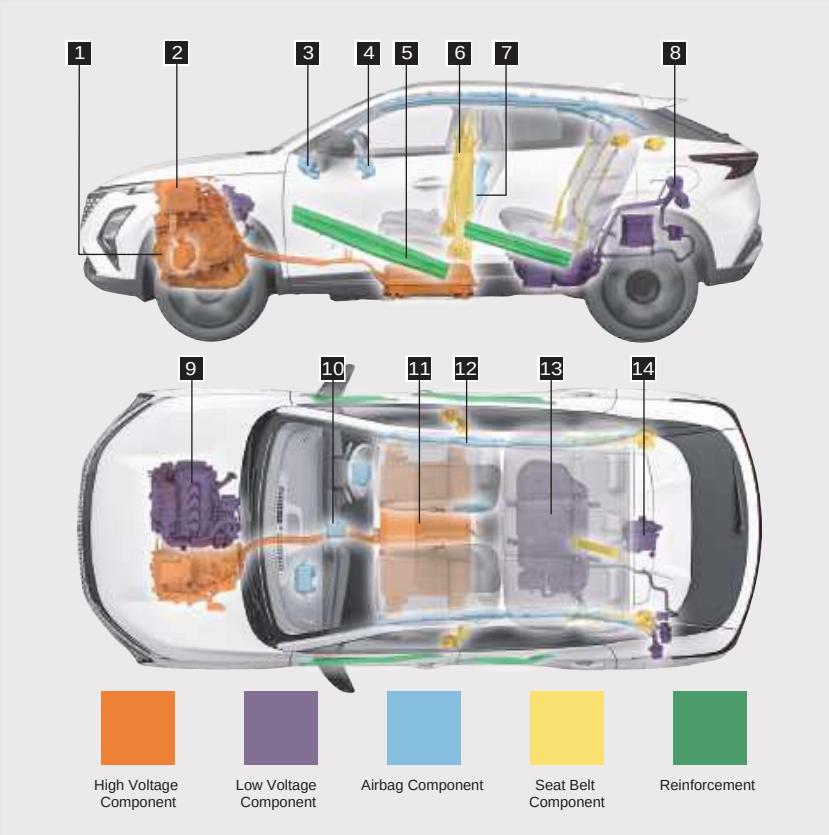
1 Back-up light P.42
2 Rear wiper blade P.39
3 High mounted brake light P.42
4 Rear turn signal light P.41
5 Brake light P.42
Rear position light P.40
6 License plate light P.42
7 Rear fog light P.40

Note: Please refer to the actual vehicle.



1 Column shift.. ..... P.123
2 Audio button..... P.89
3 Driver airbag P.132
4 Cruise button..... P.148
5 Wiper/light combination switch P.37
6 Dual display (instrument cluster) P.24
Dual display (audio system)..... P.83
7 Headlight switch P.40
8 Hood release lever P.111
9 Accelerator pedal
10 Brake pedal
11 A/C switch button P.93
12 Glove box P.105

Note: The interiors are different depending to the market requirement. Please refer to the actual vehicle.



1 Hybrid Transmission
2 Hybrid power control module
3 Front Passenger Airbag
4 Driver Airbag
5 Guard Plate
6 Seat Belt Pretensioner (if equipped)
7 Front middle airbag
8 Fuel Filler
9 Engine
10 Airbag Module
11 Power Battery
12 Side Curtain
13 Fuel Tank
14 Battery

1. INTRODUCTION

1-1. How to Read This Manual

How to Read This Manual....2
Table of Contents 2
Pictorial Index.....2
Index 2

1-2. Symbols in the Manual

Symbols in the Manual 3

1-3. New Vehicle Inspection

User Registration Certificate.....4
Delivery Card.....5

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

"Face to face" Consultative Service Card 6

1-5. New Vehicle Break-in

New Vehicle Break-in..... 11

1-6. How to Save Fuel and Extend Life of Vehicle

1-7. Precautions Before Driving Vehicle

Safety Check 13
Before Starting Engine 13
After Starting Engine..... 14
When Driving..... 14
Parking Operations..... 14
Parking on Slope..... 15
Check the Exhaust System 16

1-8. Off-road Driving Precautions

Off-road Driving..... 17

1-9. Precautions When Driving in the Rain

When Driving on Slippery Road Surfaces..... 18
Never Drive Through Flooded Water 18

1-10. Winter Driving Precautions

Winter Driving Tips 19
Driving on Road Covered with Ice and Snow..... 20
Tyre Chains..... 20

1-11. Cyber security Notice

Cyber Security Support Service Update or Termination Notice..... 22
Cyber Security Notice for Scrapping or Resale..... 22

2. PREPARATION FOR DRIVING

2-1. Instrument Cluster

Instrument Cluster Overview..... 24

2-2. Operation/Malfunction Indicator

Operation/Malfunction Indicator..... 26

2-3. Steering Wheel

Horn 32
Heated Steering Wheel (If Equipped)..... 32
Adjusting Steering Wheel..... 33

2-4. Rear View Mirror

Manual Inside Rear View Mirror 34

Outside Rear View Mirror.....34

2-5. Wiper System

Wiper Operation.....37
Wiper Blade Replacement.....39

2-6. Lighting System

Exterior Lighting.....40
Interior Lighting.....42
Follow Me Home Function.....43
Smart Vehicle Locating Function.....44
Intelligent Headlight Function (IHC) (If Equipped).....44
Fogging Instructions for Light.....45

2-7. Seats

Head Restraints.....45
Front Seats.....46
Second Row Seat.....48
Seat Heating Function.....49
Seat Ventilation Function (If Equipped).....49

2-8. Seat Belts

Seat Belts.....50
Seat Belt Pretensioner (If Equipped).....55

2-9. Child Restraint Systems

Child Restraint Systems.....56
Top Tether.....58
Installing Child Restraint Systems.....59
Enabling and Disabling Front Passenger Airbag.....62

3. INTERIOR FUNCTION

3-1. Key Information

Key Information.....65
Replacing Key Battery.....66
Effective Range.....67
Keyless Entry.....69
Vehicle Security.....70
Immobilizer System.....71
Remote Start.....72

3-2. Doors

Doors Lock Switch.....73
Unlocking Doors with Inside Handle.....74
Door Mechanical Switch.....74
Rear Door Child Lock.....75

3-3. Windows

Power Windows.....76
Window Remote Control Function.....78
Window Jam Protection Function (If Equipped).....79

3-4. Power Moon Roof

Power Moon Roof (If Equipped).....80
Moon Roof Remote Control Function (If Equipped).....82
Moon Roof Jam Protection Function (If Equipped).....82

3-5. Audio System

Audio View.....83
Voice Recognition Function (If Equipped).....89
Phone-link.....89

3-6. Air Conditioning System

Automatic Air Conditioning.....93
A/C Setting.....94

Air Conditioning Operation 94
Mode Adjustment 97
Air Outlets Airflow Control..... 98
Interior Active Ventilation and Automatic Cleaning 99
Air Quality Control System (If Equipped) 100
Air Conditioning Refrigeration Operation ... 100
Air Conditioning Heating Operation..... 102
Auxiliary Fascia Armrest Box Cooling / Warming Function (If Equipped)..... 102

3-7. Wireless Charging

Wireless Charging 102

3-8. Assist Grips and Coat hooks

Assist Grips 104
Coat hooks..... 104

3-9. Storage Space

Storage Space 105

3-10. Power Outlet

Power Outlet..... 108
USB Port..... 109

3-11. Sun Visors , Vanity Mirrors and Ticket Clips

Sun Visors, Vanity Mirrors and TicketClips.... 110

3-12. Hood

Opening/closing the hood.....111

3-13. Back Door

Manual Back Door 112
Power Back Door 112
Back Door Emergency Opening..... 114

3-14. Fuel Tank Cap

Fuel Tank Cap..... 114

4. DRIVING VEHICLE

4-1. Vehicle Power Mode

ENGINE START STOP Switch 118

4-2. Starting and Turning off Engine

Normal Starting and Turning off..... 119
Starting and Turning off in Emergency..... 120
Gasoline Particulate Filter (GPF) (If Equipped) 121
Adaptive Engine Control System 122

4-3. Transmission

Automatic Transmission 122
Column Shift Switch..... 123
Driving mode 125

4-4. Steering System

Electric Power Steering System (EPS) 125

4-5. Brake System

Electric Parking Brake System (EPB)..... 127
Automatic Parking System (AUTO HOLD).... 129
Vacuum Booster (If Equipped) 131
Brake..... 131

4-6. SRS Airbags

SRS Airbags..... 132
Event Data Recorder (EDR)..... 140

5. DRIVING ASSIST

5-1. Assist Driving

Caution 145

5-2. Speed Limit Assist System (SLA)

Speed Limit Assist System (SLA) (If Equipped) 146

5-3. Cruise System

Cruise Control System (CCS) (If Equipped) 147
Adaptive Cruise Control System (ACC) (If Equipped) 148
Active Speed Limit (ASL) (If Equipped)..... 153
Intelligent Speed Control System (ISC) (If Equipped) 154
Speed Control Function (SCF) System (If Equipped) 155

5-4. Hill Descent Control System (HDC)

Hill Descent Control System (HDC) (If Equipped) 156

5-5. Lane Departure Warning System (LDW)

Lane Departure Warning System (LDW) (If Equipped)..... 157

5-6. Lane Departure Prevention System (LDP)

Lane Departure Prevention System (LDP) (If Equipped)..... 159

5-7. Emergency Lane Keeping (ELK) System

Emergency Lane Keeping (ELK) System (If Equipped)..... 161

5-8. Blind Spot Detection (BSD) System

Blind Spot Detection (BSD) System (If Equipped) 162
Rear Cross Traffic Alert (RCTA) System (If Equipped) 163
Rear Cross Traffic Braking (RCTB) System (If Equipped)..... 163
Door Open Warning System (DOW) (If Equipped) 164
Rear Collision Warning (RCW) System (If Equipped) 165

5-9. Automatic Emergency Braking System (AEB) / Front Collision Warning System (FCW)

Automatic Emergency Braking System (AEB) / Front Collision Warning System (FCW) (If Equipped) 166

5-10. Traffic Jam Assist System (TJA) / Integrated Cruise Assist System (ICA)

Traffic Jam Assist System (TJA) / Integrated Cruise Assist System (ICA) (If Equipped) 169

5-11. Intelligent Avoidance System

Intelligent Avoidance System (If Equipped) 171

5-12. Drive Away Information System

Drive Away Information System (If Equipped) 172

5-13. Tyre Pressure Monitoring System (TPMS)

Tyre Pressure Monitoring System (-TPMS) (If Equipped) 173

5-14. Driver Monitoring System (DMS)

Driver Monitoring System (DMS) (If Equipped) 175

5-15. Parking Assist System

Rear View Camera Display System (RVC) (If Equipped)..... 176
Around View Monitor System (AVM) (If Equipped) 178
Parking Radar System 182

5-16. Braking Force Control System

Integrated Braking Force Control System 185
Electronic Stability Program System (ESP) ... 186
Anti-lock Brake System (ABS) 187
Extended Function 189

5-17. Data Privacy

Driver Drowsiness and Attention Warning (DDAW) 190
Advanced Driver Assistance System (ADAS)..... 190
Emergency call (eCall) 190

5-18. Hybrid Electric Vehicle

Main Part of HEV..... 192
Operating Mode 193
Unique Sound of HEV 194
Regenerative Energy and Regenerative Brake..... 194
Engine Auto Start/Stop.... 195
Power Battery 195
Low-speed Pedestrian Warning Sound 200

5-19. Data Privacy

Driver Drowsiness and Attention Warning (DDAW) 200
Advanced Driver Assistance System (ADAS) 201
Emergency call (eCall) 201

6. IN CASE OF AN EMERGENCY

6-1. Emergency Call Function

ECALL (If Equipped)..... 204

6-2. Basic Knowledge of Vehicle Emergency

Hazard Light..... 204
Reflective Strip..... 205
Warning Triangle 205
Spare Tools (If equipped)..... 206

6-3. Vehicle Emergency Handling

If You Have a Flat Tyre (Tyre Repair Liquid) 206
If Engine Coolant Temperature is High..... 210
If Battery is Depleted..... 211

If Your Vehicle Cannot Start Normally 213

6-4. Towing

Towing Hook (If Equipped) 214
Towing Vehicle 214
Installing Towing Eyelet ... 216
Emergency Towing 217

6-5. Fuse

Fuse Box 218
Checking Fuse 219
Replacing Fuse 219

7. MAINTENANCE

7-1. Repair and Maintenance

Repair and Maintenance 222
Authorized Service Station is at Your Service 222
Reading Vehicle Identification Code Information 223
Safety Check 223

7-2. Normal Maintenance

Normal Maintenance 224
Checking Oil Level 225
Checking Transmission Fluid Level 226
Checking Brake Fluid Level 226
Checking Coolant Level 227
Checking Radiator and Condenser 228
Checking Tyres 229
Avoiding Tyre Flat Spot ... 230
Tyre Rotation 231
Checking Battery 231
Checking Air Conditioning Filter 231
Checking Windshield Washer Fluid 232
Checking Wiper Blades ... 232

7-3. Regular Maintenance

Technical Data 235

8. SPECIFICATION

8-1. Label Location

Vehicle Identification Number (VIN) 238
Vehicle Product Label 239
Engine Number 239
Microwave Window 239

8-2. Vehicle Specifications

Vehicle Dimensions 240
Vehicle Type 241
Vehicle Weight 241
Vehicle Performance 242
Drive Motor 242
Engine Performance 242
Fuel System 243
Suspension System 243
Wheel Alignment 244
Wheels and Tyres 244
Battery 245
Power Battery 245
Light Bulb Specification ... 245
Vehicle Components That Are Not Included in the Vehicle Size 246

ALPHABETICAL INDEX

INTRODUCTION

1-1. How to Read This Manual

How to Read This Manual 2

Table of Contents 2

Pictorial Index.....2

Index.....2

1-2. Symbols in the Manual

Symbols in the Manual.....3

1-3. New Vehicle Inspection

User Registration Certificate 4

Delivery Card 5

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

"Face to face" Consultative Service Card 6

1-5. New Vehicle Break-in

New Vehicle Break-in..... 11

1-6. How to Save Fuel and Extend Life of Vehicle

1-7. Precautions Before Driving Vehicle

Safety Check..... 13

Before Starting Engine..... 13

After Starting Engine..... 14

When Driving..... 14

Parking Operations..... 14

Parking on Slope..... 15

Check the Exhaust System 16

1-8. Off-road Driving Precautions

Off-road Driving 17

1-9. Precautions When Driving in the Rain

When Driving on Slippery Road Surfaces..... 18

Never Drive Through Flooded Water 18

1-10. Winter Driving Precautions

Winter Driving Tips 19

Driving on Road Covered with Ice and Snow 20

Tyre Chains..... 20

1-11. Cyber security Notice

Cyber Security Support Service Update or Termination Notice 22

Cyber Security Notice for Scrapping or Resale 22

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 the waste must be handled or disposed according to the local environmental protection regulations, otherwise, the environment will be contaminated.

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 station has inspected your vehicle according to the regulations. The dealership 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, 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 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	
	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" Consultative Service Card

"Face to face" Consultative Service Card

Authorized service station will provide a dedicated service consultant when you purchase your vehicle. If you have any questions concerning your vehicle, please consult the consultant.

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 to the user the importance of having regular maintenance or vehicle repairs done at authorized service station.
☐	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" Consultative Service Mode Introduction (Mark a " √ " for " Yes " and a " × " for Other Conditions):	
☐	If you have any questions or concerns, ask your service consultant.
☐	The service consultant is the only person authorized by the service station to answer the user's questions.
☐	Have assigned a dedicated service consultant to each user for "Person to- Person" service.
☐	If the user is not fully satisfied with the service consultant, the user can request another service consultant.
The following items should be confirmed by the user:	
3. Main Work Introduction on Service Consultant (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.

☐	Regular check up and service reminders and holiday greetings.
☐	Other concerns from the user.
4. "Face to face" Consultative Service Relationship Establishment:	
Service consultant business card	
Signature of User/Date:	
Signature of Service Consultant/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 station.
☐	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" Consultative Service Mode Introduction (Mark a " √ " for " Yes " and a " × " for Other Conditions):	
☐	If you have any questions or concerns, ask your service consultant.
☐	The service consultant is the only person authorized by the service station to answer the user's questions.
☐	Have assigned a dedicated service consultant to each user for "face to face" service.
☐	If the user is not fully satisfied with the service consultant, the user can request another service consultant.
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☐	Regular maintenance reminders.
☐	Answer the service/maintenance consultation.
☐	Service/maintenance booking.

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

1-5. 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.

■ Tyreand 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.

1-6. 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 conditions 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 prolonged periods of 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 prolonged periods of time. If you need to park vehicle and wait for prolonged periods of 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. Avoid excessive braking and frequent stops/starts to minimise fuel waste. 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 prolonged periods of time. This will cause premature wear, overheating and high fuel consumption.
11. Keep a proper vehicle speed on the motorway. The faster the vehicle 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.

1-7. 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:

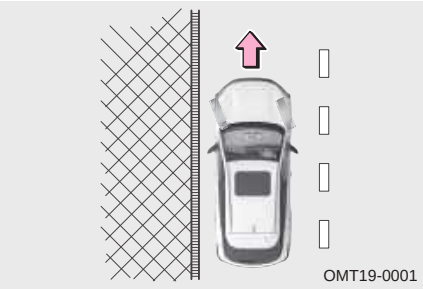
1. Depress brake pedal until the vehicle is completely stopped.
2. Confirm that the electronic parking is enabled.
3. Move shift lever to "P" position.
4. Turn ENGINE START STOP switch to OFF mode.

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

Parking on Slope

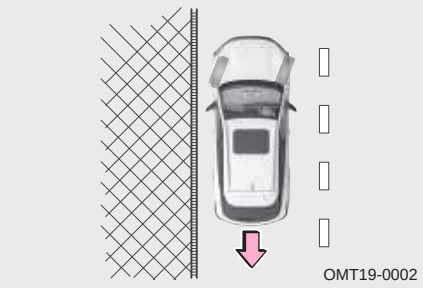
Parking vehicle on a slope is mainly enabled by the force of the parking brake. Failing to apply park brake or any brake malfunction may cause the vehicle to slide down a slope and personal injury or damage to vehicle. When parking on a slope, it is better to face the tyres towards one side of vehicle,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

■ Parking on downhill with curb



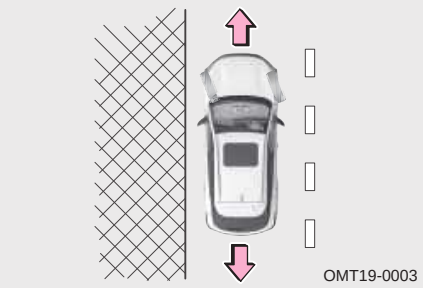
If there is a curb on the roadside, turn the steering wheel to the left to ensure that the front part of the front left wheel is close to or against the curb, to prevent the vehicle from sliding forward down the slope, then apply the parking brake.

■ 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 face serious injury 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.
- Vehicle should be parked 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 prolonged periods of 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.

Check the Exhaust System

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.

1-8. 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 roads.
- 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. Failure to do so 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.

1-9. Precautions When Driving in the Rain

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

OMT19-0004

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.

1-10. Winter Driving Precautions

Winter Driving Tips

- Coolant: Make sure that coolant has anti-freezing function. Only use coolant recommended.
- 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.
- 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 station 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 according to 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.

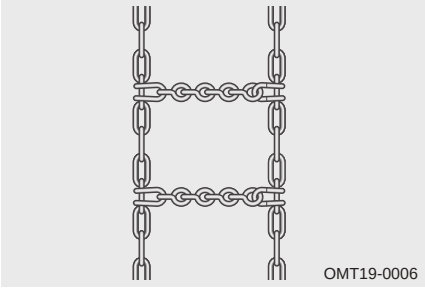
It is possible to build up a layer of water film between the tyre and road surface when driving on wet or slushy roads. This may prevent the steering and braking from operating properly. It is recommended that you enable ESP function on this occasion.

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, failure to do so 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. Follow local regulations when using chains;

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 station 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 according to 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, vehicle should be parked 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.

1-11. Cyber security Notice

Cyber Security Support Service Update or Termination Notice

The company has provided cyber security support services for 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.

Cyber Security 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.

2-1. Instrument Cluster

Instrument Cluster Overview 24

2-2. Operation/Malfunction Indicator

Operation/Malfunction Indicator 26

2-3. Steering Wheel

Horn..... 32

Heated Steering Wheel (If Equipped)..... 32

Adjusting Steering Wheel 33

2-4. Rear View Mirror

Manual Inside Rear View Mirror 34

Outside Rear View Mirror 34

2-5. Wiper System

Wiper Operation..... 37

Wiper Blade Replacement..... 39

2-6. Lighting System

Exterior Lighting..... 40

Interior Lighting..... 42

Follow Me Home Function 43

Smart Vehicle Locating Function 44

Intelligent Headlight Function (IHC) (If Equipped) 44

Fogging Instructions for Light..... 45

2-7. Seats

Head Restraints 45

Front Seats 46

Second Row Seat 48

Seat Heating Function 49

Seat Ventilation Function (If Equipped)..... 49

2-8. Seat Belts

Seat Belts 50

Seat Belt Pretensioner (If Equipped) 55

2-9. Child Restraint Systems

Child Restraint Systems 56

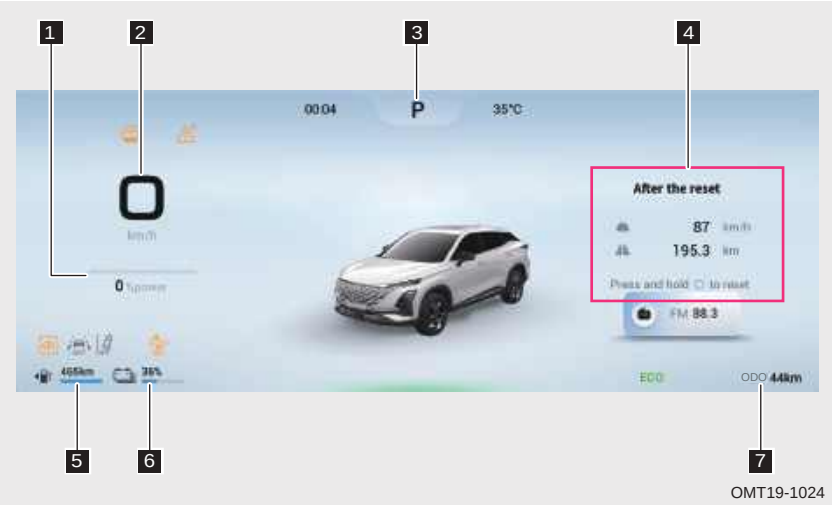
Top Tether..... 58

Installing Child Restraint Systems 59

Enabling and Disabling Front Passenger Airbag 62

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 Speedometer: Driving speed (unit: mph,km/h).

3 Gear position information: The selected gear position information .

4 Driving information: Shortly press "⊟" button on steering wheel to circularly switch among instantaneous fuel consumption - after Trip A self-starting - after resetting trip B - tyre pressure display - navigation.

After resetting trip B: Press and hold "○" button on steering wheel to reset the average speed, average fuel consumption and trip mileage informations.

Navigation: Press and hold "○" 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 Mileage display: Driving mileage of the vehicle (common unit: mp,km).

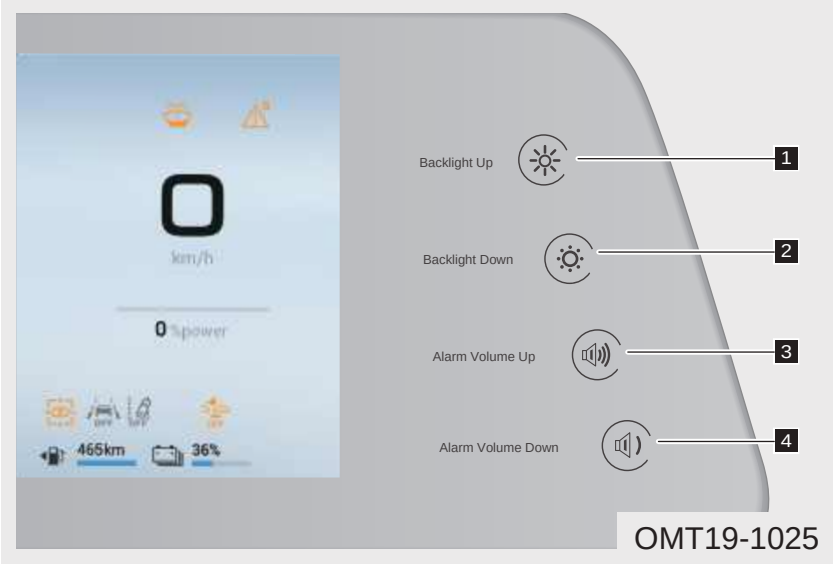
READ

- Driving mileage is calculated by the on-board computer and can be only for reference.
- The information is for reference only. Always upshift or downshift according to actual situations.
- 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.

CAUTION

- If engine coolant temperature gauge indication remains in low temperature range for a long time, please go to authorized service station for inspection and repair immediately.
- Never open the coolant reservoir cap if engine coolant temperature gauge indication is in overheating range. Check if coolant level is too low after engine cools down. Never run engine when coolant level is too low, or the engine will be seriously damaged.

Adjusting Instrument Cluster



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

2-2. Operation/Malfunction Indicator

Operation/Malfunction Indicator

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

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

Item	Indicator	Description
Position light indicator		When the position lights are turned on, the indicator comes 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.
Headlight high beam indicator		When the high beam lights are turned on or when the high beam lights flash, the indicator comes on.
Front fog light indicator		When front fog light is turned on, the front fog light indicator will come on.
Rear fog light indicator		When rear fog light is turned on, the rear fog light indicator will come on.
Intelligent headlight (IHC) indicator		This indicator is used to indicate that the vehicle's automatic headlights are in operating condition currently.
Intelligent headlight (IHC) malfunction indicator		This indicator is used to indicate that the vehicle's automatic headlights are malfunctioning currently. Please go to authorized service station for inspection and repair as soon as possible.

Front seat belt indicator		This indicator is used to alert the driver that the driver seat belt and/or front passenger seat belt is not buckled or not fastened firmly. Wear seat belt and drive safely.
Rear seat belt indicator		This indicator is used to alert the driver that the rear seat belt is not buckled or not fastened firmly. Wear seat belt and drive safely. Note: the red indicator light turns on when the corresponding seat belt is not fastened, and turns off when the corresponding seat belt is 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 does not need to be dealt 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.
Automatic Parking System (AUTO HOLD) indicator		This indicator is used to indicate that the vehicle is in automatic parking 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 (ESP) system 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	OFF	When ESP function is turned off, ESP OFF indicator will come on, indicating that Electronic Stability Program (ESP) system is in disabled condition.
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) system is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
Charging system indicator	- +	This indicator is used to indicate the operating condition of charging system. If this indicator does not come on when vehicle power is turned to ON mode, or comes on after engine starts, please go to authorized service station for inspection and repair as soon as possible.
Engine warming up indicator		This indicator is used to alert the driver that when engine coolant temperature is too low, engine is in warming up currently. After coolant temperature rises, the indicator goes off to indicate that the engine warm-up is completed currently.
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.
EPC malfunction indicator	EPC	This indicator is used to alert the driver that engine system is malfunctioning. Please go to authorized service station for inspection and repair immediately.

Tyre pressure monitoring system malfunction indicator		This indicator is used to indicate that tyre pressure is incorrect. 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.
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.
Electric Power Steering (EPS) system malfunction indicator		This indicator is used to alert the driver that electric power steering system is malfunctioning. Please go to authorized service station for inspection and repair immediately.
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.
Automatic emergency braking system (AEB) indicator		This indicator is used to indicate that automatic emergency braking system (AEB) is in operating condition currently.
Automatic emergency braking (AEB) system malfunction indicator		This indicator is used to indicate that automatic emergency braking (AEB) system is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
Automatic emergency braking (AEB) system OFF indicator	OFF	When AEB function is turned off, AEB OFF indicator will come on.

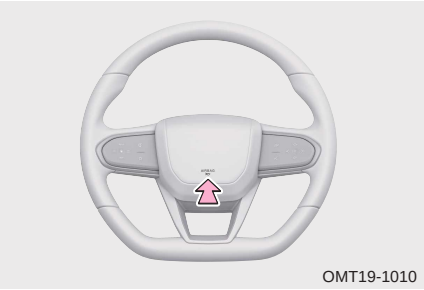
Lane departure warning (LDW) system indicator		This indicator flashes to indicate that the vehicle's lane departure warning (LDW) system is in operating condition currently. This indicator comes on to alert the driver that lane departure warning (LDW) system is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
Fatigue driving indicator		This indicator is used to alert the driver that driving time exceeds the set time, please takes a rest.
Overspeed alarm indicator	120	The indicator remains on and 3 beeps sound to remind the driver that the speed has exceeded the set speed limit value, pay attention to the vehicle speed.
Safety warning light		This malfunction light comes on to indicate that one of the vehicle's systems is malfunctioning currently. Please go to authorized service station for inspection and repair as soon as possible.
Gasoline Particulate Filter (GPF) indicator (if equipped)		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 (if equipped)		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.
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.

Power limit indicator		The indicator remains on to indicate that power battery is low or the power decreases due to system overheating. Slow down and drive vehicle to a safe area and stop for charging and cooling down. If the indicator is still on, please contact authorized service station for inspection and repair immediately.
Power battery system indicator		The indicator remains on to indicate that power battery system is malfunctioning. Please contact authorized service station for inspection and repair immediately.
Vehicle high voltage system indicator		The indicator remains on to indicate that power battery, electric drive and charging system is malfunctioning. Please contact authorized service station for inspection and repair immediately.
High voltage insulation indicator		The indicator remains on to indicate that the insulating property of high voltage system decreases. Please contact authorized service station for inspection and repair immediately.
		The indicator remains on to indicate that the insulating property of high voltage system seriously decreases. Please contact authorized service station for inspection and repair immediately.
HEV mode indicator	HEV	Remaining on indicates that vehicle enters HEV mode.
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.

Steering wheel hands-off warning (type A)		When the driver releases the steering wheel during driving, a steering wheel hands-off warning will appear on the instrument cluster, accompanied by an alarm sound, reminding the driver to hold the steering wheel.
Steering wheel hands-off warning (type B)		When the driver releases the steering wheel during driving, a steering wheel hands-off warning will appear on the instrument cluster, accompanied by an alarm sound, reminding the driver to hold the steering wheel.

2-3. Steering Wheel

Horn


OMT19-1010

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

READ

Obey local regulations regarding usage of vehicle horns.

Heated Steering Wheel (If Equipped)

OMT19-1012

After starting the vehicle, press " ♨ " on the air conditioning system screen to turn on steering wheel heating function. After pressing the button again, steering wheel heating function is turned off.

⚠ CAUTION

When the following conditions are met, the steering wheel heating function will be turned on:

- Engine is operating.
- Voltage of battery is in normal range.
- Steering wheel heated switch is pressed.

When any of the following conditions is met, the function will pause or turn off after it has been working for a period of time:

- Engine stops.
- Steering wheel heated switch is pressed again.

Adjusting Steering Wheel

Stop vehicle at a safe place away from major traffic, 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.

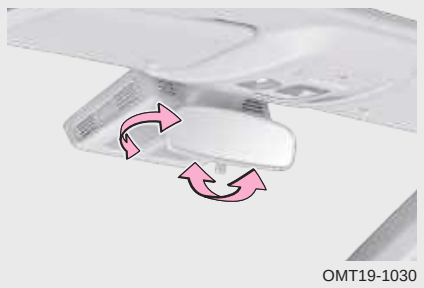
⚠ WARNING

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

2-4. Rear View Mirror

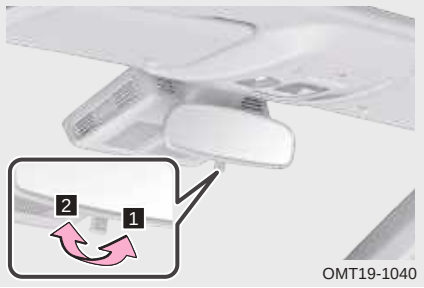
Manual Inside Rear View Mirror

Adjusting inside rear view mirror position


OMT19-1030

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

Adjusting anti-glare position



OMT19-1040

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

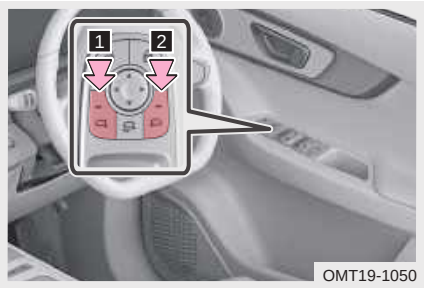
1 Anti-glare position

2 Normal position

Outside Rear View Mirror

Adjusting outside rear view mirror

■ Switch adjustment



OMT19-1050

Stop vehicle at a safe place away from major traffic, turn vehicle power to ON mode:

Step 1: To select a mirror to adjust, press the switch. The indicator on the switch illuminates, Pressing again will turn off the indicator.

1 Left

2 Right

OMT19-1051

Step 2: To adjust the mirror, press the adjustment switch.

⇧ Up

⇩ Down

⇦ Left

⇨ Right

■ Audio adjustment (if equipped)

OMT19-1052

Turn vehicle power to ON mode, Audio System - Vehicle Center - Vehicle Settings - Vehicle Comfort - Rear View Mirror Adjustment.

In the current interface, the rearview mirror can be adjusted through the buttons on the steering wheel.

⚠ 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

OMT19-1070

Operate using switch: When vehicle power is turned to ON mode, press outside rear view mirror folding switch to fold mirrors automatically, press the switch again to extend mirrors automatically (do not fold manually).

Operate using key: In activation/deactivation mode, outside rear view mirror will fold/extend automatically.

READ

- Outside rear view mirror automatic folding needs to be set in audio system. For details, refer to "Audio System".
- According to visual field requirements, folding angles of the left and right mirrors are different. Therefore, when outside rear view mirrors automatically fold, the left and right 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 weather, it is recommended to turn off the outside rear view mirror automatic folding function. This will prevent the outside rear view mirror from being frozen in folding position due to accumulated snow or rain.

2-5. Wiper System

Wiper Operation

Wiper combination switch

■ Front Wiper Operation

OMT19-1054

Turn vehicle power to ON mode:

High speed mode: Push roller to "HI" position to operate quickly and continuously.

Low speed mode: Push roller to "LO" position to operate slowly and continuously.

OFF: Push roller to "OFF" position, wipers will operate automatically at low speed until wipers return to stop position.

Auto sensing mode: Push roller to "-AUTO" position, automatically control the wiping speed of the wiper according to amount of rainfall outside.

OMT19-1055

Spray mode: Shortly press the left button of wiper switch, the wiper will stop after wiping once; Long press the left button of wiper switch, 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 Wiper Operation

OMT19-1056

Turn vehicle power to ON mode:

Push roller to "ON" position, rear wiper operates; Push roller to "OFF" position, rear wiper is turned off.

Push roller to " " position from "ON"/"OFF" position and hold, rear washer sprays and rear wiper operates simultaneously.

⚠ CAUTION

- Take care to prevent the wrong addition of antifreeze during adding washer fluid.
- When operating wiper switch to spray water, do not exceed 10 seconds at a time.
- Do not operate wiper switch to spray water when there is no washer fluid in reservoir.
- Do not try to clear a nozzle with a pin or other objects when it becomes blocked, or it will be damaged.
- Do not operate wiper switch when the windshield is dry, as this may damage wiper blade and scratch the windshield.
- Do not operate wiper switch if there are obstacles on windshield, as this may scratch the windshield and damage wiper motor.
- Do not mix water with the washer fluid. Otherwise, it may cause the washer fluid to freeze and damage the washing tank and other parts of the washer system.
- In cold winter, always check if wiper blade is frozen onto windshield before operating wiper switch. If so, defrost it before using, otherwise it may damage wiper blade and wiper motor.

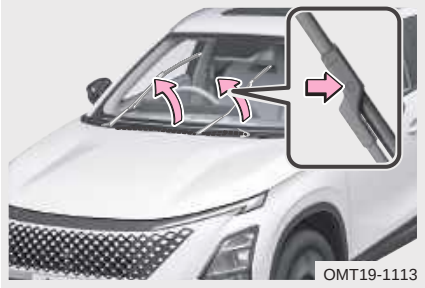
Auto wiper sensitivity (if equipped)

OMT19-1209

Turn vehicle power to ON mode, set wiper sensitivity (Low/Normal/High/Maximum) through Audio System - Settings - Vehicle Settings.

Wiper Blade Replacement

Replacing front wiper blades


OMT19-1113

Step 1: Operate the front wiper switch within 3 seconds after turning off the engine start stop switch, the wiper will enter repair mode;

Step 2: Lift the front wiper arm and hold;

Step 3: Push wiper blades outward while pressing the lock button to remove the blades;

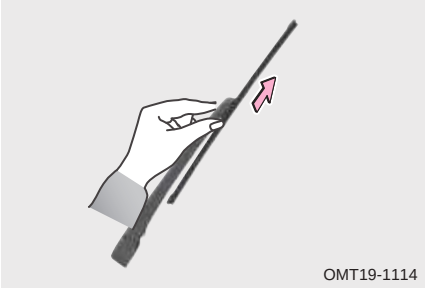
Step 4: Install the new wiper blades in reverse order, and make sure the fixing clamp is locked firmly;

Step 5: Check that front wipers operate properly.

Replacing rear wiper blade

OMT19-1112

Step 1: Lift the rear wiper arm and hold;


OMT19-1114

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

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

Step 4: Check that rear wiper operates properly.

READ

It is recommended you have wiper blades replaced by someone at authorized service station to ensure correct fitting.

CAUTION

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

2-6. Lighting System

Exterior Lighting

Headlight combination switch

Turn vehicle power to ON mode:

Auto sensing mode: When headlight is turned off, the headlight will come on and the auto sensing mode is turned on by pressing " " switch to "AUTO" position. Sense the intensity of external light, turn position lights, low beam lights, license plate light on/off automatically.

OFF: When headlight is turned on, the headlight function is turned off and the switch returns to "AUTO" position automatically by pressing " " switch.

Position lights: Switch " " switch to " " position to turn on position lights, license plate lights, ambient light and backlights.

Low beam lights: Switch " " switch to " " position to turn on low beam lights and keep position lights remaining on.

Front fog lights: When low beam light is turned on, press " " button to turn on front fog lights.

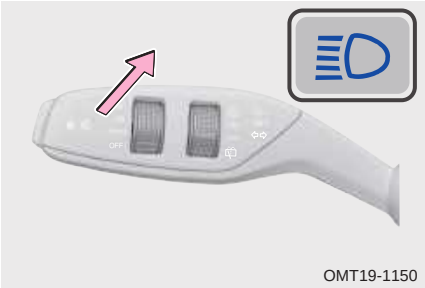
Rear fog lights: When low beam light is turned on, press " " button to turn on rear fog lights.

READ

- When turning off low beam lights, the rear fog lights turn off at the same time.
- 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

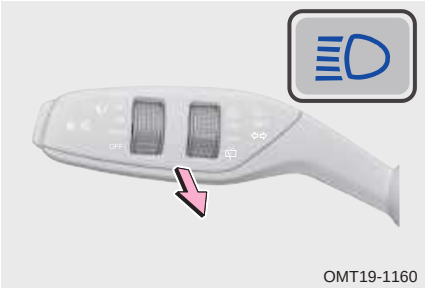
■ High beam lights



OMT19-1150

When turning on low beam light, pull combination switch away from steering wheel side and release, headlight high beam comes on; Pull combination switch towards steering wheel side and release to turn off headlight high beam.

■ High beam lights flash



OMT19-1160

Pull 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 light can flash when the low beam light is off.

Turn signal lights

OMT19-1170

Turn vehicle power to ON mode, operate combination switch:

Pull up: Right turn signal lights come on.

Pull down: Left turn signal lights come 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.

■ Lane change assist function

Turn vehicle power to ON mode, pull turn signal light switch once but not too far over. This will make the indicator flash 3 times.

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

Daytime running lights

When the engine is started, the low beam lights, high beam lights and front fog lights are not turned on, the daytime running lights are turned on. Daytime running lights turn off automatically when low beam lights, high beam lights or position lights are turned on.

Brake lights

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

Back-up lights

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

License plate lights

Turn vehicle power to ON mode and rotate headlight combination switch to " " position to turn on license plate lights. They are used to illuminate license plate in the dark.

Interior Lighting

Front dome lights

OMT19-1201

1 Reading lights switch: Press " " switch to turn reading lights on, press the switch again to turn reading lights off.

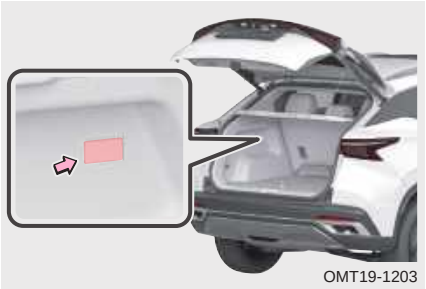
2 Door control switch: Press " " switch, if any door is opened and keep opening, dome lights will be on for 3 minutes (fade in and out).

Rear dome lights (if equipped)

OMT19-1202

Press rear dome light switch, the light comes on, press the switch again to turn off light.

Luggage compartment light


OMT19-1203

When back door is opened, luggage compartment light will turn on for 15 seconds automatically. When back door is closed, luggage compartment light will turn off immediately.

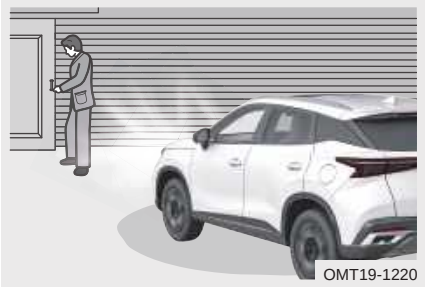
Glove box light (if equipped)

When the glove box is opened, the light will come on. When the glove box is closed, the light will go off.

Armrest box light (if equipped)

When the armrest box is opened, the light will come on. When the armrest box is closed, the light will go off.

Follow Me Home Function


OMT19-1220

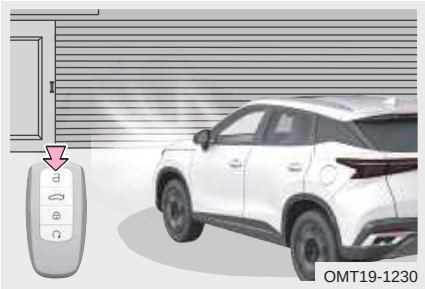
ON: Turn vehicle power to OFF mode, and turn the headlight combination switch to "AUTO" position. When the vehicle is in a dim environment, press lock button on smart key, vehicle is locked successfully. Low beam lights automatically come on for 27 seconds. Press lock button on smart key to activate it again.

OFF: When vehicle power is turned to ACC/ON, press unlock button on smart key, 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 will go off immediately.

READ
Follow me home function needs to be set in audio system (for details, refer to "Audio System").

Smart Vehicle Locating Function


OMT19-1230

Turn 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 come on for 27 seconds.

Intelligent Headlight Function (IHC) (If Equipped)

Turn vehicle power to ON mode, and turn the headlight combination switch to "AUTO" position. When the low beam light turns on automatically, pull the combination switch away from steering wheel side and release. When the vehicle speed is more than 24 mph (40 km/h), the white indicator "" in instrument cluster remains on, and the intelligent headlight function (IHC) is activated; At this time, the intelligent headlight function (IHC) automatically turns headlight high beam on/off according to road conditions, such as meeting, following, and overtaking.

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

READ
• When the vehicle speed is less than 18 mph (30 km/h), the intelligent headlight function (IHC) turns off the headlight high beam automatically. • When the ambient brightness is too high, the intelligent headlight function (IHC) turns off the headlight high beam automatically. • When the left/right turn signal light is activated, the intelligent headlight function (IHC) can not turn the headlight high beam on/off automatically. • Intelligent headlight function (IHC) needs to be set in audio system. For details, refer to "Audio System".

Fogging Instructions for Light

When the weather is cold or humid, the inner side of lights will fog up due to the difference in temperature between the inside and outside. After lights turn on for a period of time, the fog inside the lights will gradually disappear, and there may still be some fog at the edge of the lights. 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 lights of the headlight within 30 minutes after the low and high beam lights are turned on. After a period of lighting, the moisture disappears naturally. This is normal.

⚠ WARNING

- Following guidelines for driving through water (for example: water depth, speed, etc.) to avoid any water entering the lights.
- After opening light dust cover, reinstall it in place at the end of operation, otherwise water may enter the lights.
- When replacing a bulb, strictly check installation of various light components to make sure that they are installed correctly and sealed properly. When installing rear cover, check its seal ring and keep it clean! Otherwise, it will lead to water and dust entering lights!
- It is strictly forbidden to flush the engine compartment with a high pressure washer, in particular, the lights cannot be flushed. Due to high pressure of a pressure cleaner, accessories on lights may be 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.

2-7. Seats

Head Restraints

Adjust head restraint upward: Pull it up directly to a proper height.

Adjust head restraint downward: Push the head restraint down while pressing the lock release button.

Removing head restraints: Pull the head restraint up completely while pressing 2 lock release buttons.

Installing head restraints: Align the head restraint with the installation holes and push it down to lock position. Press and hold the lock release button when lowering the head restraint.

⚠ WARNING

- Do not adjust head restraints while driving, otherwise it may cause accidents and personal injury.
- Make sure the head restraint is securely locked before driving, otherwise it may cause accidents and personal injury.

Front Seats

Correct sitting posture

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

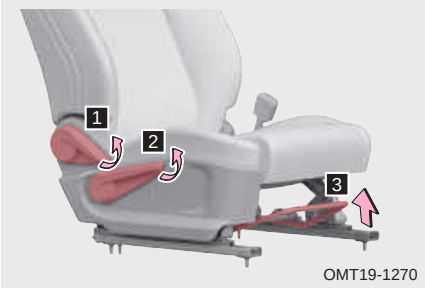
When sitting, sit slightly inclined backwards (25° backward from vertical position is ideal) and well back on seatback.

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. their feet should also be bent slightly so that they 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.

OMT19-1260

The shoulder belt should be over the center of the shoulder and close to the chest, kept away from the neck, the lap belt should lie over the hips instead of stomach.

Manual seat (if equipped)



OMT19-1270

1 Seatback angle adjustment

Lean your body against seatback, and then pull seatback adjustment lever upwards. Adjust seatback to desired angle by changing tilt angle of your body. Once desired angle is reached, release the lever. After that, push backwards against the seatback to make sure that the seatback is locked properly.

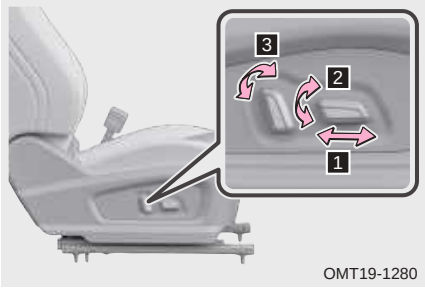
2 Adjusting seat height

Pull up and push down seat adjustment lever to adjust seat height.

3 Adjusting seat position forward and backward

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

Power seat (if equipped)



OMT19-1280

1 Adjusting seat position forward and backward

Move button forward and backward to adjust the seat back and forth.

2 Adjusting seat height

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

3 Seatback angle adjustment

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

Front seat front and back positions and seatback angle adjustable range (-Following data are applicable to power and manual seats):

The total adjustable front and rear range is 240 mm: When at designed position, it can be adjusted 200 mm forward and 40 mm backward; The driver's seat height can be adjusted by a range of 60 mm: When at designed position, it can be adjusted 40 mm upward and 20 mm downward; The seatback designed angle is 25°; When at designed angle, it can be adjusted 30° forward and 52° backward.

Note: When measuring the seat depth, seats and seatbacks should be adjusted to the original (designed) positions.

CAUTION

Do not place any items under the seat while moving the seat, otherwise it will damage the seat.

WARNING

- Do not adjust seat while driving, otherwise it may cause accidents and personal injury.
- 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 sit inclined slightly backwards and well back in their seats.

Second Row Seat

Folding seatback (the right seat is folded in the same way)

Adjust height of seat head restraints, remove them if necessary and fold up center armrest. Then pull the left seatback adjustment handle forward and pull seatback forward to fold it down slowly. This can enlarge the luggage storage space.

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 injury.

The seat front and back positions and seatback angle of the second row seats are not adjustable: The designed angle of the seatback is 25°.

Seat Heating Function

Front seat heaters

OMT19-1301

After starting the vehicle, first click seat heater button on the air conditioning display screen is 3-level heating (3 indicators on). Each time the switch is clicked, the heating level is lowered one level. Click it the fourth time to turn off the seat heating.

Seat Ventilation Function (If Equipped)

Front seat ventilation

OMT19-1303

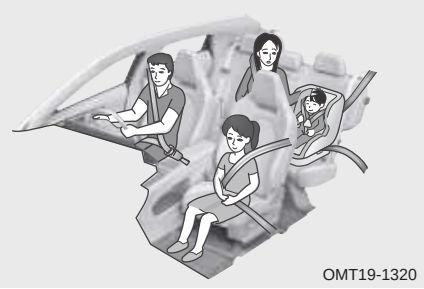
After starting the vehicle, first click seat ventilation button is 3-level ventilation (3 indicators come on). Each time the switch is clicked, the ventilation level is reduced by one level; Click it for the fourth time to turn off the seat ventilation.

READ

- Front seat heating and front seat ventilation cannot be turned on simultaneously.
- Function buttons are different depending on the vehicle configuration. Please refer to the actual vehicle configuration.

2-8. Seat Belts

Seat Belts


OMT19-1320

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

If driver seat belt and/or front passenger seat belt are not buckled or fastened firmly: When vehicle speed is less than 15 mph (25 km/h), red indicator "" in instrument cluster turns on; When vehicle speed is 15 mph (25 km/h or more), the red indicator "" in instrument cluster flashes, accompanied by sound alarm.

If the rear seat belt is not buckled or fastened firmly: When vehicle speed is 15 mph (25 km/h or more), the indicator "" in instrument cluster flashes for 30 seconds and then remains on, accompanied by sound alarm.

Note: the red indicator light turns on when the corresponding rear seat belt is not fastened, and turns off when the corresponding rear seat belt is fastened.

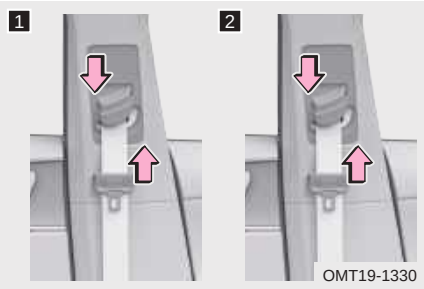
READ

Front passenger seat belt alarm is not standard. Please refer to the actual vehicle.

When the rear seat belts are not fastened, the red indicator in instrument cluster is on. After one of the rear seat belts is fastened, the green indicator is on. When all the seat belts are fastened, the indicator light goes out.

Using seat belt correctly

Step 1: Adjust the height of front seat belts;

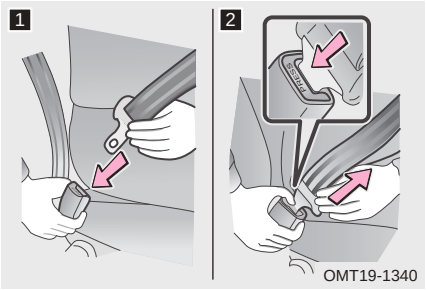


OMT19-1330

1 Adjust downward: Push seat belt adjustment button downward while pressing adjusting button.

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

Step 2: Fasten/release seat belt;



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

2 Releasing 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.

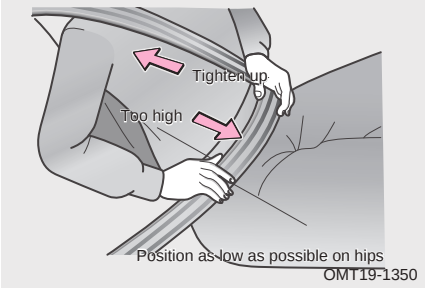
READ

- 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.
- The seat belt will lock when it is pulled out quickly or the vehicle is on a slope, but it will not lock when pulling it out slowly.

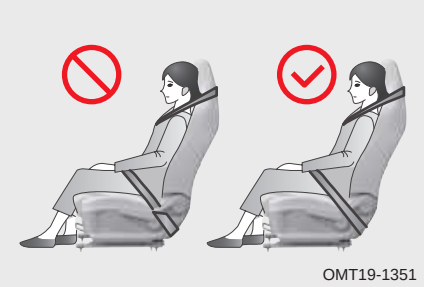
CAUTION

- Make sure that seat belt buckle position is correct and is locked safely, otherwise it may cause personal injury.
- 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.



To adjust the 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 section upward so that it comes fully over the shoulder, but does not come into contact with the neck or slide off the shoulder.


OMT19-1351

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

- We recommend that children be seated in the rear seat and always use seat belt or appropriate child restraint system.
- Avoid loose fitting clothes when driving. These can prevent the seatbelt fitting correctly and can affect the protection offered.
- 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.
- Both high-positioned lap belts and loose-fitting belts could cause death or serious injuries during a collision or other unintended events.

Three-point seat belt for the second row center seat

OMT19-1088

When inserting the small tab into the small buckle of left side of the second row seat, use a screwdriver with its tip wrapped with tape or similar object to press the position shown in illustration and pull out the small tab.

READ

When the seatback is folded, three-point seat belt for the second row center seat needs to be released, otherwise it may lock and cannot be pulled out.

Maintaining seat belt

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

⚠ CAUTION

- Do not allow water to penetrate belt retractor or buckle mechanism.
- Never 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 with 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.

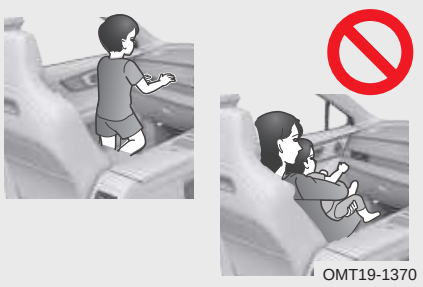
⚠ WARNING

- If your vehicle has been involved in a serious accident and even if seat belt is not obviously damaged, you should contact authorized service station for inspection and repair.
- Ensure that the belt and the tab are locked and the belt is not twisted. If the seat belt does not function properly, please contact authorized service station for inspection and repair immediately.
- Do not attempt to install, remove, modify, disassemble or dispose of the seat belts. Have any service done to the seat belts by authorized service station.

Seat belt precautions

■ Precautions for using seat belt by a child

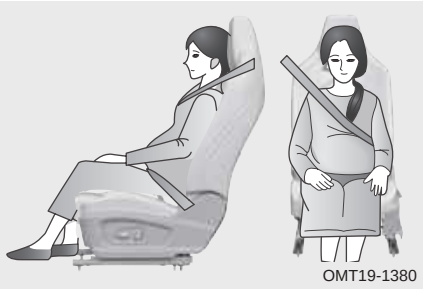
The seat belts of your vehicle are principally designed for persons of adult size. Use a child restraint system (For details, refer to "Child Restraint System" in this section) appropriate for the child, until the child becomes large enough to properly wear the vehicle seat belt. When the child becomes 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 rear seat and must be restrained using the vehicle seat belt.



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 is at risk of serious injury or even death during a collision.

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.

■ Precautions for using seat belt by a pregnant woman

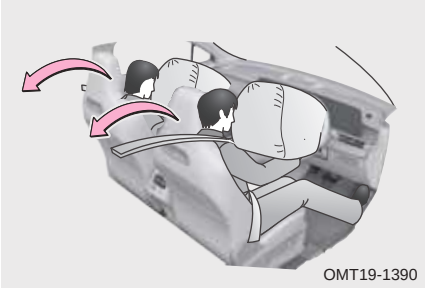


Obtain medical advice and wear the seat belt properly. Women who are pregnant should position the lap belt as low as possible over the hips in the same manner as other occupants. Extend the shoulder belt completely over the shoulder and across the chest, avoid belt contact with the abdominal area. If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

⚠ WARNING

- After inserting the tab, make sure that the tab and buckle are locked and that the lap and shoulder belt are not twisted.
- Do not insert coins, clips, etc. into the buckle to prevent from properly latching tab and buckle.
- If the seat belt does not function normally, it cannot protect passengers from death or serious injury, please contact authorized service station for inspection and repair immediately.

Seat Belt Pretensioner (If Equipped)


OMT19-1390

1. Seat belt pretensioner is designed to assist front airbag in the event of a severe impact.
2. In the event of a minor impact or side impact, pretensioner may not be activated.
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 malfunction indicator remains on, and seat belts cannot be retracted / pulled out. Please contact authorized service station for inspection and repair immediately.
- Do not modify, remove, hit or open the seat belt pretensioner assembly, airbag sensor and assembly wire. Otherwise, it may cause death or serious injuries during a collision.

Function limit

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

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

2-9. 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).

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 rearward facing 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

OMT19-1800

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.
- Do not allow children to stand or sit in front of the passenger seat.

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.

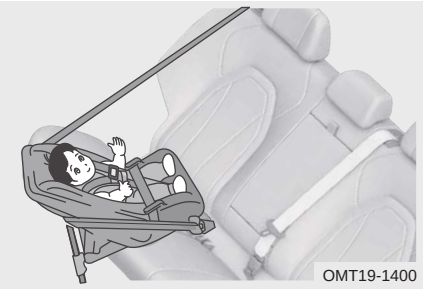
READ

- 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

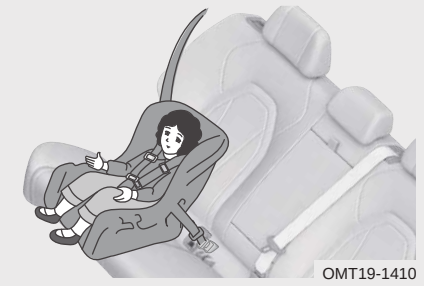
Ensure the top tether strap anchor is attached correctly. Incorrect installation may cause serious injury to the child.

■ 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


OMT19-1410

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 4years old.

■ Booster seat child restraint system

OMT19-1420

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

ISOFIX anchorage

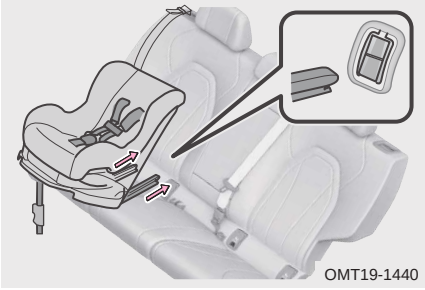
OMT19-1421

ISOFIX anchorage is located below the back of rear outside seatback. When connecting child restraint system to ISOFIX anchorage, follow the instruction manual provided by the child restraint system manufacturer.

Installing Child Restraint Systems

OMT19-1421

Step 1: Locate the ISOFIX anchorage;


OMT19-1440

Step 2: Lift or remove the ISOFIX anchorage cover;

Step 3: Place the child restraint system on the rear outboard seat;

Step 4: Attach the child restraint ISOFIX probe to the anchorage. Where necessary extend the child restraint support leg.

OMT19-1450

Step 5: 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.

⚠ WARNING

- If the child restraint system on the rear seat interferes with the front seat, after all correct adjustments, do not install the child restraint system in that seat position; The child and front passenger may face serious injury or even death during a collision.
- Whether the child restraint system is in use or not in use, it should always be secure and fixed properly to the seat; Do not place unsecure child restraint systems on any passenger seats.

Enabling and Disabling Front Passenger Airbag

OMT19-1424

Airbag enabling/disabling switch is located below the auxiliary fascia console.

■ 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.

READ

The interior designs are different depending on the configuration of the vehicle. Please refer to the actual vehicle.

Airbag status indicator

OMT19-1425

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.

INTERIOR FUNCTION

3-1. Key Information

Key Information 65

Replacing Key Battery 66

Effective Range 67

Keyless Entry 69

Vehicle Security 70

Immobilizer System 71

Remote Start 72

3-2. Doors

Doors Lock Switch..... 73

Unlocking Doors with Inside Handle 74

Door Mechanical Switch..... 74

Rear Door Child Lock..... 75

3-3. Windows

Power Windows 76

Window Remote Control Function 78

Window Jam Protection Function (If Equipped)..... 79

3-4. Power Moon Roof

Power Moon Roof (If Equipped) 80

Moon Roof Remote Control Function (If Equipped) 82

Moon Roof Jam Protection Function (If Equipped) 82

3-5. Audio System

Audio View 83

Voice Recognition Function (If Equipped)..... 89

Phone-link..... 89

3-6. Air Conditioning System

Automatic Air Conditioning 93

A/C Setting..... 94

Air Conditioning Operation..... 94

Mode Adjustment 97

Air Outlets Airflow Control.... 98

Interior Active Ventilation and Automatic Cleaning 99

Air Quality Control System (If Equipped) 100

Air Conditioning Refrigeration Operation..... 100

Air Conditioning Heating Operation..... 102

Auxiliary Fascia Armrest Box Cooling / Warming Function (If Equipped)..... 102

3-7. Wireless Charging

Wireless Charging..... 102

3-8. Assist Grips and Coat hooks

Assist Grips..... 104

Coat hooks..... 104

3-9. Storage Space

Storage Space..... 105

3-10. Power Outlet

Power Outlet 108

USB Port 109

3-11. Sun Visors , Vanity Mirrors and Ticket Clips

Sun Visors, Vanity Mirrors and TicketClips 110

3-12. Hood

Opening/closing the hood.....111

3-13. Back Door

Manual Back Door..... 112

Power Back Door 112

Back Door Emergency Opening..... 114

3-14. Fuel Tank Cap

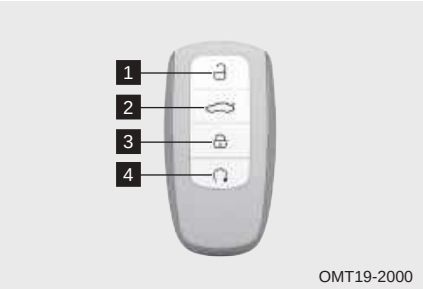
Fuel Tank Cap 114

3-1. Key Information

Key Information

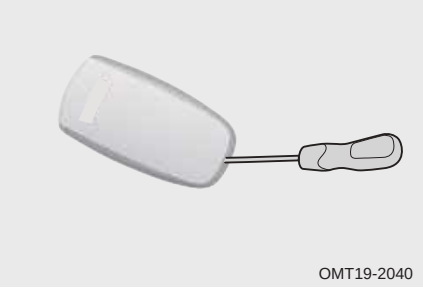
Smart key

Smart key is used to lock/unlock doors remotely and open back door within about 20 m (within clear view) of the vehicle.



OMT19-2000

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


OMT19-2040

The mechanical key built into the smart key can be used to lock/unlock doors in emergency after prying off smart key cover using a flathead screwdriver with the tip taped and taking out mechanical key. After using, return it to original place for easy-to-carry (for details, refer to "Door").

Function limit

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

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

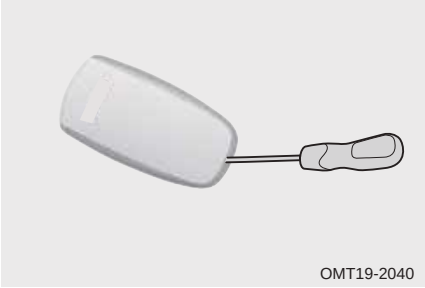
⚠ CAUTION

- This product is a low frequency radio device and can be disturbed by various radio services or radiation from industrial, scientific and medical applications.
- 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.

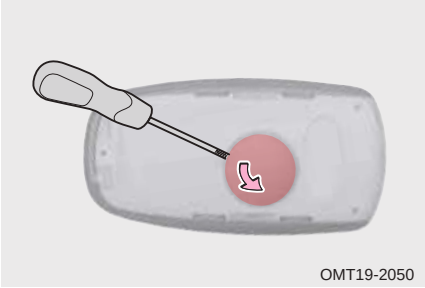
■ If any of the following conditions occurs, the smart key battery may be low or depleted:

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

Replacing Key Battery


OMT19-2040

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


OMT19-2050

Step 2: Pry off battery cover and battery using a flathead screwdriver with the tip taped;

Step 3: Install new battery with the positive (+) side up;

Step 4: Install battery cover;

Step 5: After replacing the battery, check if the smart key operates properly. If the smart key still does not function correctly, please contact authorized service station 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

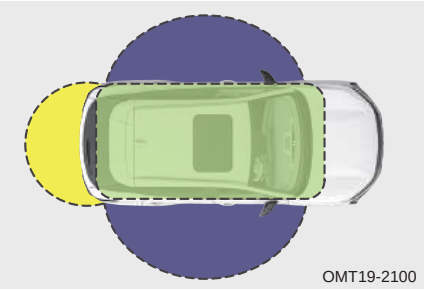
- Only use the recommended battery type.
- Do not bend electrode and terminal when installing battery.
- Make sure your hands are dry and away from water when replacing the battery.
- Do not touch new battery with oily hands, as this may cause battery corrosion.
- Do not touch or move any components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

WARNING

Take special care to prevent children from swallowing the removed battery or other components, otherwise it may cause death or serious injury to the child.

Effective Range

Detectable area



Starting or switching power area

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

Unlocking/locking area

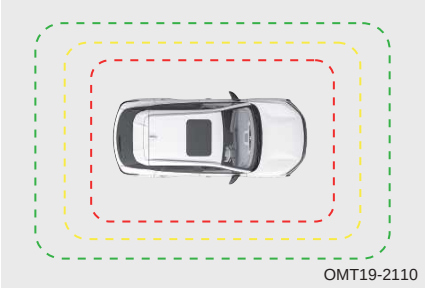
Unlock/lock the doors when smart key is within effective range of door high performance low-frequency antenna.

Opening back door area

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

READ
Low-frequency antenna can detect areas within 1.5 m away from smart key. Therefore, when using keyless entry or ENGINE START STOP function, ensure that distance between the smart key and low-frequency antenna meets the requirement.

Automatically sensing area (if equipped)



Smart turning on courtesy lights area

Approach the vehicle when carrying smart key on your person, the courtesy 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.

READ
• Please leave the vehicle after the four doors and back door are closed, otherwise the automatic sensing lock function may not work properly. • The smart key may be affected by interference from the surround environment and may affect functions like keyless entry, ENGINE START STOP, courtesy, approach unlocking, away locking etc. When the functions are abnormal, please use 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:

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

Keyless Entry

Unlocking doors

OMT19-2200

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

Method 2: Approach vehicle when carrying smart key, courtesy lights will turn on, the system automatically recognizes smart key and doors automatically unlock.

Locking doors

OMT19-2210

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

Method 2: Leave vehicle when carrying smart key, the system automatically recognizes smart key and doors automatically lock.

READ

- Smart key sensing lock/unlock needs to be set in audio system (for details, refer to "Audio System").
- Sensing lock/unlock function is closed after the vehicle is locked for 3 days, restart the engine will restore sensing lock/unlock function.

⚠ CAUTION

- Do not put smart key next to computer, cordless mouse, phone, etc. doing so may not affect the lock/unlock sensor.
- 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 all 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 is over 2.5 m away, the turn signal lights do not flash and the horn is not hear (signals successful locking), check if the vehicle is locked.
- After smart key sensing active lock/unlock function is activated and 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 Security

Locking operation

■ Locking mode

Turn vehicle power supply to OFF mode, hood, four doors and back door are closed, perform locking operation of door (For details, refer to "Smart Key" in this section), and enter locked state.

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

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

■ Secondary locking mode

After deactivating vehicle locking, if four doors and back door are not operated, the vehicle will lock automatically and become locked after 30 s.

READ

- Locking prompt is set in audio system. For details,refer to "Audio System".
- After deactivating vehicle fortifying, if any of the four doors and back door is opened, the vehicle will exit secondary locking mode.

CAUTION

- Vehicle locking cannot be set if vehicle power is not switched to OFF mode.
- If four doors are closed and back door is not closed completely, the central lock will lock once but vehicle locking 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 locking is not set successfully.

Fortifying deactivation mode

Perform unlocking operation of door to exit locking mode.

Successful deactivating prompt: Turn signal light flashes twice.

Alarm mode

When the vehicle is locked and invalid entry is detected (such as any door, hood or back door is opened invalidly, alarm will be activated), the vehicle will enter cyclic alarm mode, anti-theft horn sounds and turn signal light flashes; Press unlock button on smart key or switch vehicle power to ON mode to deactivate alarm.

Immobilizer System

Engine immobilizer system

Smart key has a built-in transponder chip. If the smart key is not pre-matched into engine anti-theft module, the built-in chip will stop engine from starting. In the following conditions, the engine immobilizer system may not work properly:

- Smart key is in contact with a metallic object.
- Do not modify or remove engine immobilizer system.
- 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.
- If the engine fails to start, but the starter works normally, it may be due to the interference of engine immobilizer system, please contact authorized service station immediately for inspection and repair immediately.

Vehicle anti-theft system

When vehicle is locked and invalid entry is detected, the vehicle anti-theft system will send light alarm, alerting owner that the vehicle is in an invalid 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 by smart key, the vehicle anti-theft system will be triggered if front right door is unlocked and opened by mechanical key.
- To prevent unexpected triggering of vehicle anti-theft system and vehicle theft, before leaving the vehicle, check that nobody is in vehicle, all doors and windows are closed properly and the vehicle is locked correctly.
- When vehicle anti-theft system is in anti-theft state, vehicle anti-theft system can be deactivated by pressing unlock button on smart key or if the vehicle starts successfully.

Remote Start

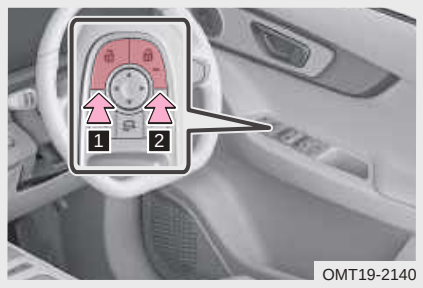
When vehicle power mode is OFF, vehicle is locked and smart key is not in vehicle, press and hold lock button or remote starting button on smart key for several seconds to start it remotely and air conditioning operates automatically at the same time; The vehicle will automatically shut off after vehicle is started remotely for 10 minutes.

READ

- Ensure there is no one in the vehicle (including the driver) when starting the vehicle remotely.
- The vehicle can be unlocked but can not be locked by using remote start.
- Distance when starting vehicle remotely using smart key should not exceed normal operating distance of smart key.
- When single time for starting vehicle remotely is 10 minutes, allow vehicle to start remotely twice, if the two starting has been used, after vehicle power is turned to ON mode, remote start can be used.
- After vehicle is started remotely, some function 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.

3-2. Doors

Doors Lock Switch



OMT19-2140

In the vehicle, press lock/unlock switch to lock/unlock the doors.

1 Unlock switch

2 Lock switch

READ

When four doors are closed and vehicle speed is more than 9 mph (15 km/h), the door will automatically lock (if equipped); Door automatic lock need to be set in audio system. For details, refer to "Audio System".

Unlocking Doors with Inside Handle

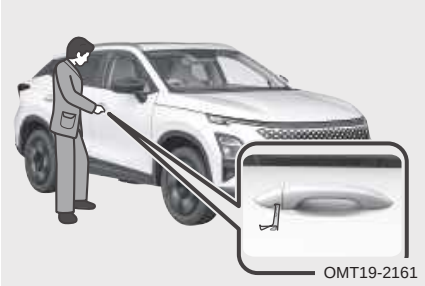
OMT19-2150

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

Door Mechanical Switch

Vehicle can not be locked/unlocked electrically when battery is depleted , so in this case, the doors can be unlocked/locked with door mechanical switch.

Locking/unlocking front right door manually

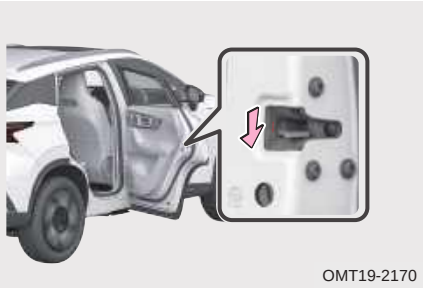

OMT19-2161

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

OMT19-2160

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

Locking front right door/rear doors manually


OMT19-2170

Step 1: Open the door.

Step 2: Insert the mechanical key or similar into mechanical switch hole from the door panel edge lock body.

Step 3: Press down the lock knob with mechanical key.

Step 4: Close the door. Pull the door handle to make sure the door is locked.

READ

- If the doors can not be unlocked/locked electrically, please contact authorized service station 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 contact authorized service station as soon as possible.

Rear Door Child Lock

OMT19-2180

Lock: Turn the mechanical key or similar in the direction of arrow to activate the child lock, this means rear door can not be opened from inside and it only can be opened from outside.

Unlock: Turn the mechanical key or similar in the opposite direction of arrow to unlock the child lock so that the rear door can be opened from both inside and outside of vehicle.

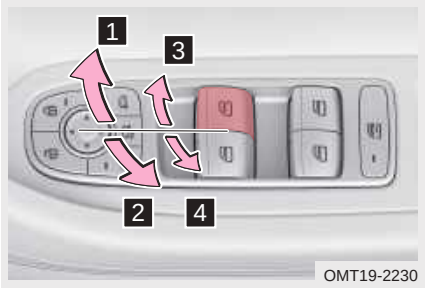
⚠ WARNING

- The system is independent and can not replace the central lock mechanism in any case.
- Make sure that all doors are closed before driving, otherwise accidents and personal injury may occur.
- When a child is seated in vehicle rear seat, always activate the child lock to prevent rear door 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, rear door 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, even if it is a short time, it may cause serious injury or even death due to sharp temperature rise.

3-3. Windows

Power Windows

Power window switch



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

1 Pull the switch to top, window will go up automatically; Press the switch again, window will stop moving.

2 Press the switch to bottom, window will go down automatically; Press the switch again, window will stop moving.

3 Pull the switch upwards by one level, window will go up; Release the switch, window will stop moving.

4 Press the switch downwards by one level, window will go down; Release the switch, window will stop moving.

READ

- Only vehicles with window jam protection function have one-touch window raising function.
- At the moment of starting engine, window up and down operation will be suspended to provide large current for engine starting.
- If the front door is not opened within 1 minute while vehicle power is switched to OFF mode, the power window can be used.
- 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 prevent children using, meanwhile, it is recommended to ensure that vehicle power has been switched to OFF mode or non-mechanical device is closed when leaving the vehicle.
- Take extra care to close windows, failure to do so may cause serious injury! Models without window jam protection function, when window glass rises, passenger's body may be caught, resulting in serious injury. 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

OMT19-2190

Press passenger side window OFF switch, passenger side window OFF switch indicator comes on, passenger side window switch will be disabled. After disabling, only window switches on driver side can be used to operate passenger side windows (this function is recommended when there is a child in vehicle). Press the switch again to cancel this function and the indicator goes off.

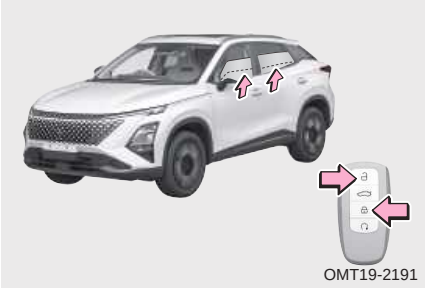
Window Remote Control Function

Window remote control window down function

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

Remote control one-touch window up function (if equipped)

While vehicle power is switched to OFF mode and the hood, four doors and back door are closed, press lock button on smart key or touch the lock sensing area with fingers while carrying smart key on your person, the vehicle will lock and the window glass of four doors will rise up automatically.


OMT19-2191

While the window is rising, press the lock/unlock button again, window glass stops rising. After pressing unlock button, glass stops rising, if four doors and back door are not operated, the vehicle will lock automatically and enter locked state after 30 seconds.

OMT19-2192

While the window is rising, touch lock sensing area with fingers (-carry smart key on your person), window glass stops rising.

After touching unlock sensing area with four fingers (carry smart key on your person), glass stops rising, if four doors and back door are not operated, the vehicle will lock automatically and become locked after 30 seconds.

READ
If abnormal closing occurs during remote control one-touch window up, the turn signal lights will flash once and the horn will sound 5 times continuously in order to alarm customer that window has not closed properly.

⚠ WARNING
Before using remote control up window function, take extra care to see the vehicle clearly and make sure that passengers cannot be caught by window.

Window Jam Protection Function (If Equipped)

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.

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. Make sure there are no obstacles when the window is closed.

Perform the following steps to temporarily deactivate the jam protection function (for example, windows are difficult to close due to frost or similar reasons):

- Close the window twice in a row until the window encounters resistance and automatically retracts.
- Jam protection function will be invalid when the window is closed for the third time, and the window will overcome the resistance and be completely closed.
- If the window still cannot be closed after three attempts, please contact authorized service station for inspection.

Overheat protection function

If the window is repeatedly opened or closed within a short period of time, the window operation will be stopped for a period of time.

Do not operate the power window switch continuously for more than 30 seconds, otherwise the corresponding window control switch will be temporarily disabled to protect the motor from overheating and burning. If the above situation occurs, release the switch for 15 seconds and then it returns to normal.

Manual learning function

If one-touch window up function and jam protection function can not operate, 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 manually to fully close window, and hold it there for 2 s , then release the switch;

Step 3: Operate window switch manually to fully open window, and hold it there for 2 s , then release the switch.;

Step 4: Operate window switch manually to fully close window, then try to operate auto window up function;

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

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

- If auto window up function cannot be restored after repeating the above steps, please go to authorized service station for inspection and repair as soon as possible.
- 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 disconnecting battery cable and then reconnecting it, 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 with some parts of body. Falling 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 system encounters a thin object and cannot sense it, jam protection will not work. If someone's hand or finger is caught, extremely serious injury will be caused.

3-4. Power Moon Roof

Power Moon Roof (If Equipped)

Introduction

Use the overhead switch to open and close the moon roof and tilt it up and down.

Usage method

■ Tilting up/closing moon roof

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

Push " ⇳ " switch forward when moon roof tilts up, the moon roof will close.

■ Opening/closing moon roof

Push " ⇳ " switch backward when moon roof is closed, the moon roof will tilt up, push the switch backward again, the moon roof will slide to open.

Push " ⇳ " switch forward when moon roof is opened, the moon roof will slide to close.

⚠ CAUTION

- If the moon roof jam protection function fails, initial memory position may be lost, and it will be necessary to recalibrate position.
- If there is no response from moon roof during voice control or local button operation, it needs to be re-initialized.
- 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 the vehicle when opening moon roof, always wipe off water or tilt moon roof up to remove these water 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.
- If you find there is a false jam protection, please go to authorized service station for inspection and repair as soon as possible.
- The sunshade cannot be closed when the moon roof glass is opening; The moon roof mechanism will be damaged if the sunshade is forcibly closed.

⚠ WARNING

Before closing moon roof, take extra care to see the vehicle clearly and make sure that passengers cannot be caught by it.

Sunshade

The sunshade can be opened and closed manually. However, the sunshade will open automatically when the moon roof is opened.

Method of initializing moon roof (if equipped)

When moon roof is closed fully, push " ⇦ " switch forward for more than 10 s.

⚠ CAUTION
If moon roof cannot be initialized, please go to authorized service station to perform it by after-sales personnel.

Moon Roof Remote Control Function (If Equipped)

Moon roof remote control open function

While vehicle power is switched to OFF mode, four doors are closed and 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 or touch the lock sensing area while carrying smart key on your person during opening moon roof, moon roof stops moving.

Moon roof remote control close function

While vehicle power is switched to OFF mode, four doors are closed and unlock button on smart key is pressed, the vehicle will be locked and moon roof is closed; Press the lock button or touch the lock sensing area with fingers when carrying smart key on your person during closing moon roof, moon roof stops moving.

Moon Roof Jam Protection Function (If Equipped)

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.

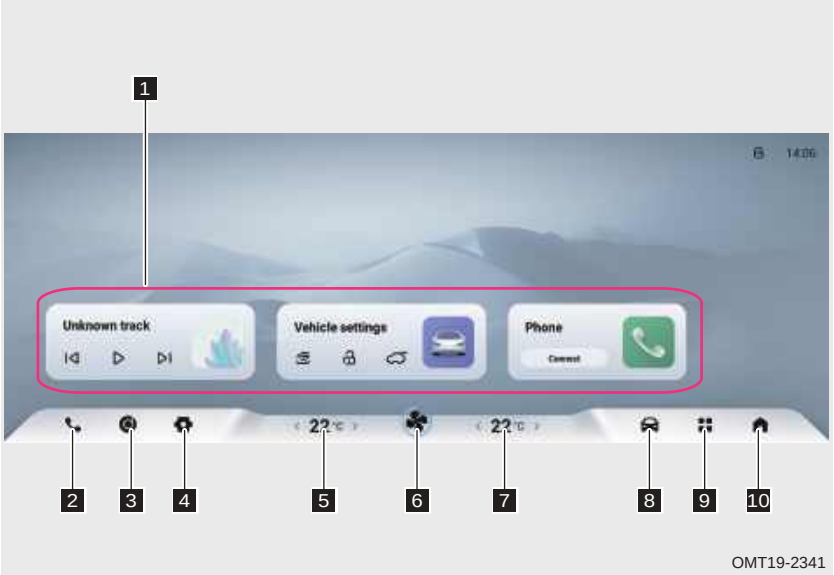
⚠ WARNING
Do not pass body parts or objects through moon roof during opening and closing, even if it is equipped with jam protection function.

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. 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



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 Settings
Click to enter Settings 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.

Audio button on auxiliary fascia console

⏻: Power button

Short press to turn on/off the audio system. In case of abnormal operation, the system can be restarted by long pressing the power button.

Note: Audio main screen displays air conditioning system operation screen by sliding up audio main screen from bottom.

READ
Some models of radio support DAB/RDS function.

Shortcut menu

OMT19-2342

Turn vehicle power to ON mode, slide down the audio screen to display shortcut menu screen and fault inquiry information.

Bluetooth, auto hold, HDC, HUD, ESP off, etc. can be set on shortcut menu screen.

Local settings

OMT19-2343

Bluetooth, Sound, Voice, Display, System and Device management can be set by local settings.

The fuel consumption unit and tyre pressure unit can be set in the system.

Vehicle settings

- Quick control

OMT19-2344

1 Passenger side window OFF switch.

2 Driving mode switching.

3 Door unlock/lock switch.

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

- New energy

OMT19-2333

Energy recovery level: Set Low/ Medium and High.

EV indicator: Set ON/OFF.

Energy consumption list: Set energy consumption list.

- Vehicle settings

OMT19-2345

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

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

Door lock settings: Lights/Lights and horn.

Automatic lock: ON/OFF.

OMT19-2350

Unlock driver door only: ON/OFF.

Wireless charging: ON/OFF.

Phone reminder: ON/OFF.

Steering wheel button customization: Set the vehicle setting/sound source switching.

OMT19-2351

Maintenance reminder: ON/OFF.

Maintenance reset: Reset the maintenance mileage.

Drive mode memory: ON/OFF.

Wiper sensitivity: Set Low/Normal/ High/Maximum.

- Smart key

OMT19-2346

Unlock when approaching and lock when leaving: ON/OFF.

Smart tailgate: ON/OFF.

Welcome when approaching: ON/ OFF.

- Driver assistance

OMT19-2347

[Intelligent assistance]

Integrated cruise assist (ICA) deactivation alert: ON/OFF.

Drive away information: ON/OFF.

Overspeed alert : ON/OFF. Overspeed alarm speed limit value can be set.

Speed limit assist: ON/OFF. Speed limit alert can be set. Alarm mode can be set to close / icon/ icon + sound.

Intelligent deceleration assist: ON/ OFF.

OMT19-2352

Intelligent high beam assist (IHBA): ON/OFF.

Intelligent avoidance system: ON/OFF.

OMT19-2353

[Security warning]

Forward collision warning (FCW): ON/OFF; Set the sensitivity.

Automatic emergency braking: ON/OFF.

OMT19-2354

Lane departure warning (LDW): ON/OFF; Set the sensitivity and alarm mode.

Lane departure prevention (LDP): ON/OFF.

Emergency lane keeping (ELK): ON/OFF.

Blind spot detection (BSD): ON/OFF.

OMT19-2355

Driver fatigue monitoring system: ON/OFF.

Brake sensation linked to drive mode: ON/OFF. Set the brake sensation mode.

Brake pitch control: Set ON/OFF. Set the brake pitch control sensiticity.

- Headlights settings

OMT19-2348

Headlight height adjustment: Slide to adjust the headlight leveling.

Headlight off delay: ON/OFF.

- Atmosphere Light

OMT19-2349

Ambient light: ON/OFF.

Ambient light brightness: Set brightness of ambient light.

Ambient light color adjustment: Set color of ambient light.

Ambient light related driving mode: ON / OFF.

Ambient light music rhythm: ON / OFF.

- Vehicle comfort

OMT19-2331

Exterior mirror adjustment: Set the outside rear view mirror automatic folding, outside rear view mirror lens adjustment.

READ

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

Audio Button

OMT19-2070

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 "O": 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 (If Equipped)

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

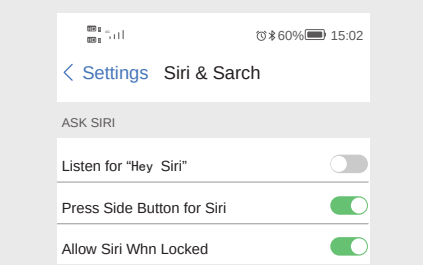
Method 1: Directly say the wake word to enable the voice recognition function.

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

Phone-link

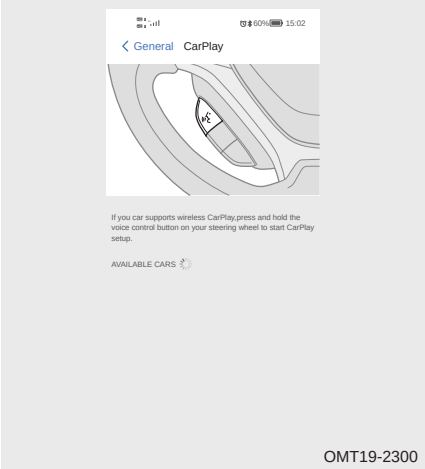
Apple CarPlay (iOS)

■ Connecting method



OMT19-2299

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



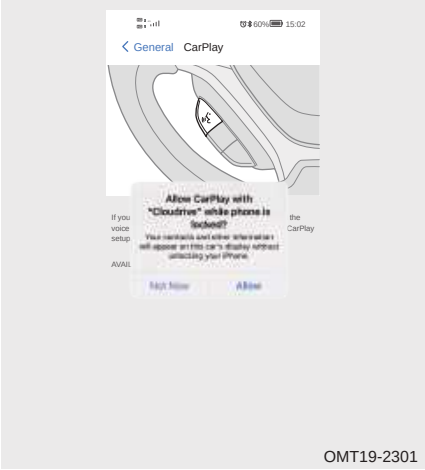
OMT19-2300

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

OMT19-2770

Step 3: Connect USB port and phone using original data cable;

Note: Only USB port " " supports Apple CarPlay screencast function.



OMT19-2301

Step 4: Select Allow on CarPlay permission request screen;

OMT19-2302

Step 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.

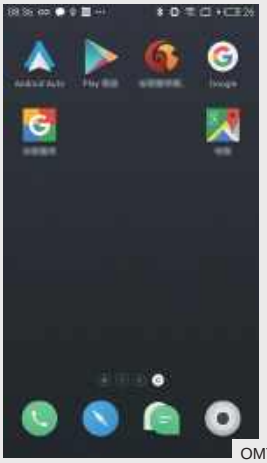
Step 3: Select Carplay according to interface that pops up on audio head unit or phone.

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.

Android Auto (Android)

■ Connecting method



OMT19-2303

Step 1: Install the Google Framework;

Step 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.

OMT19-2770

Step 3: Connect USB port and phone using original data cable;

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

OMT19-2304

Step 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 apply the parking brake), then the first connection setting can be completed;

Step 5: Click "Android Auto" on the audio main screen 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.

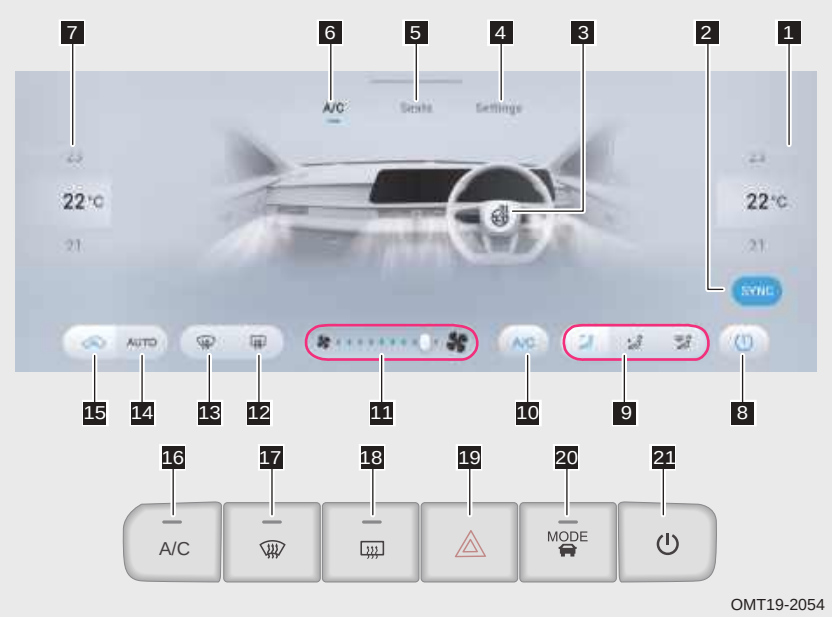
Step 3: Perform Bluetooth pairing between head unit and mobile phone.

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.

3-6. Air Conditioning System

Automatic Air Conditioning

Automatic air conditioning



1 Driver temperature adjustment area

2 Dual mode button

3 Steering wheel heating button (if equipped)

4 Air conditioning screen display button

5 Seat screen display button

6 Setting screen display button

7 Front passenger temperature adjustment area

8 Power button

9 Mode adjustment button

10 A/C button

11 Airflow volume adjustment area

12 Front windshield defogging and defrosting button

13 Rear defrosting/ outside rear view mirror defrosting button

14 Outside/recirculated air mode button

15 AUTO button

16 A/C button

17 Front windshield defogging and defrosting button

18 Rear defrosting button

19 Hazard Light button

20 Driving mode button

21 Audio switch button

Note: Slide up the screen from the bottom of audio main screen or operate the air conditioning panel button to display the air conditioning system operation screen.

A/C Setting

OMT19-2055

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 will be changed automatically.

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

OMT19-2056

Custom air conditioning: Set the working state of automatic air conditioner.

Auxiliary heating function: ON/OFF. In case of rapid heating, the auxiliary heating will be automatically activated.

READ

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

Air Conditioning Operation

Fan speed adjustment

The airflow volume can be adjusted by operating the fan speed adjustment buttons on air conditioning control panel or the soft button on display screen.

Outside/recirculated air mode button

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

Press outside/recirculated air mode button. If indicator comes on, it indicates that it is in recirculated air mode; if indicator goes off, it indicates that it is in outside air mode.

Use the recirculated air mode under following conditions:

- In dusty environment.
- Keep out smells from exterior.
- prevent outside exhaust gas from entering vehicle.
- To quickly cool or heat the air in the vehicle.

A/C button

The air conditioning cooling can be achieved by operating the A/C button.

The A/C button indicator comes on, indicating that the air conditioning compressor is turned on. The indicator goes off, indicating that air conditioning compressor is turned off.

Power button

The air conditioning system can be turned on/off by operating power button.

Front windshield defogging and defrosting

The front windshield defogging and defrosting function can be achieved by operating front windshield defogging and defrosting button.

Front windshield defogging and defrosting button indicator comes on, indicating that the front windshield defog and defrost function starts to operate. The indicator goes off, indicating that the front windshield defogging and defrosting function stops operating.

Front windshield defogging and defrosting: Most of the airflow blows to front windshield, a small amount of airflow blows to side windshield.

When the air volume is not OFF, touching front windshield defogging and defrosting button will start the outside air mode and air conditioning compressor forcibly.

For the best defogging and defrosting effect, please operate as follows:

Step 1: Before driving, make sure that the inner surface of glass is clean and dry, if there is obvious dust or water drop, it is necessary to wipe off;

Step 2: Air volume adjustment: Max level;

Step 3: Temperature adjustment: Adjust comfortable temperature;

Step 4: Outside/recirculated air mode switching: Select outside air mode;

Step 5: Mode adjustment: Touch defrost button or adjust foot/defrosting mode;

Step 6: Turn on the refrigeration system: A/C indicator comes on.

READ

- When defogging in humid climate (such as rain and snow): Please keep A/C on. If A/C is off, it will affect defogging effect.
- When defogging in humid climate (such as rain and snow): Please keep outside air mode. If select recirculated air mode, it will affect defogging effect.
- When defogging in winter: Please keep outside air mode, adjust the direction of partial heat, the air outlets on both sides of the instrument panel face the windows on both sides, and when outside temperature is above 0°C, A/C auxiliary defogging is needed.
- If the A/C does not cool, it will affect the defogging effect, please contact authorized service station for inspection and repair as soon as possible.
- After wiping off all frost or fog, to improve comfort in vehicle, adjust mode and air volume to correct position.

CAUTION

- For driving safety, please use the defogging function correctly.
- Please do not use recirculated air mode for a long time in winter, otherwise the front windshield will be fogged quickly.
- Poor 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/outside rear view mirror defrosting

After turning vehicle power to ON mode, press the rear defrosting button, the indicator comes on, indicating that the rear defrosting/outside rear view mirror defrosting function starts to work. The indicator goes off, indicating that the rear defrosting/ outside rear view mirror defrosting function stops working.

The function will automatically shut off after the defrosters have operated about 20 minutes.

CAUTION

- Please refer to your own particular vehicle for the heating function and rear defrosting function (if equipped) of outside rear view mirror.
- Make sure that the rear defroster is turned off when the fog and frost on window surfaces are cleared.
- Do not scratch or damage the heater wires when cleaning the rear windshield or outside rear view mirror.
- When the battery is low, the rear defroster cannot be turned on to allow the vehicle to start normally.

WARNING

To prevent burning yourself, do not touch the rear windshield or outside rear view mirror when the defroster is operating or has just turned off.

AUTO button

AUTO mode can be turned on by operating AUTO button.

In AUTO mode, with operating A/C switch, blowing mode, adjusting air volume or temperature LOW/HI, the corresponding function exits from AUTO mode.

In AUTO mode, outside/recirculated air mode switches and the circulation function exits the automatic control, and other functions are still in the AUTO mode.

In AUTO mode, operating the AUTO button will not exit from AUTO mode.

SYNC button

The mode switches between dual mode and single mode each time SYNC button is pressed.

Single mode: SYNC indicator comes on, indicating that the air conditioning is in single control mode. Driver side and front passenger side temperature cannot be adjusted separately.

Dual mode: SYNC indicator goes off, indicating that the air conditioning is in dual control mode. Driver side and front passenger side temperature can be adjusted separately.

Mode Adjustment

The mode adjustment can be achieved by operating the mode adjustment button (defrosting mode, face mode and foot mode can be combined) on air conditioning control panel or the soft button on display screen.

" " Defrosting mode: Airflow is blown out from defroster outlet.

" " Face mode: Airflow is blown out from center and face outlets on both sides.

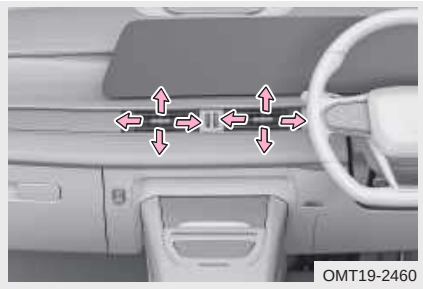
" " Foot mode: Airflow is blown out from foot outlet.

READ

- Face mode and defrosting mode cannot be combined.
- If windshield windows become fogged-up during driving, defrosting mode is recommended. For details, refer to Front Windshield Defog and Defrost in this section.

Air Outlets Airflow Control

Center outlets


OMT19-2460

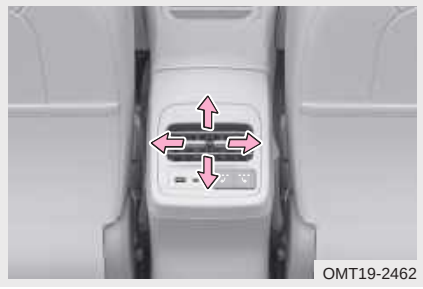
Move center outlet adjustment lever up, down, left or right by hand to adjust direction of airflow.

Side outlets

OMT19-2461

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

Rear outlets


OMT19-2462

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

Interior Active Ventilation and Automatic Cleaning

Interior active ventilation

In hot weather, when the vehicle is parked outside, the temperature in the vehicle will be high. The interior active ventilation function can be set through the audio setting to cool the temperature in advance and remove the odor coming from the interior trim.

When the outside temperature is higher than 20°C and the system detects that the battery voltage meets the requirements, the vehicle will deactivate locking and the blower will start working in advance (30 seconds).

When the working time of the blower exceeds 30 seconds, any door is opened or the vehicle is locked, the blower will stop working.

READ
The blower can operate up to two times before starting vehicle.

Interior automatic cleaning

The interior automatic cleaning function can be set through the audio setting used to dry the air conditioning pipeline to keep air conditioning system relatively dry and avoid the accumulation of a large number of bacteria and other dirt.

If the A/C was turned on during the last journey and the battery has enough power, the blower will work for 1 minute and then stop after the vehicle is locked for 5 minutes or more.

READ
Interior active ventilation and automatic cleaning are set in audio system.For details,refer to "Audio System".

Air Quality Control System (If Equipped)

When the outside air quality level is detected to decline in AUTO mode, the recirculated air mode will be turned on automatically. When the air quality returns to a proper level, the recirculated air mode will be turned off automatically. This function cannot be used to detect unpleasant gas. When the ambient temperature is ⩽ 2° C, air quality control system does not respond, to prevent windshield and window from fogging up.

Air Conditioning Refrigeration Operation

Air conditioning refrigeration operation (electric air conditioning)

When the engine is working:

The air conditioning cooling can be achieved by operating the A/C button on A/C control panel or on display. The A/C temperature can be adjusted by operating the temperature adjustment button on A/C control panel or temperature adjustment area on display; The A/C airflow volume can be adjusted by operating the air speed adjustment button on A/C control panel or airflow volume adjustment area on display. It is recommended to adjust mode to face mode, Select recirculated air mode when ambient temperature is above 30°C.

Air conditioning cooling operation (automatic air conditioning)

When the engine is working:

Click the AUTO button on display to set temperature, automatically control mode, air volume, outside/recirculated air mode, refrigeration system starts operating.

For your convenience and to improve the cooling effect of the air conditioner, click the AUTO button on display and set the A/C temperature to 22°C.

In the automatic mode, the corresponding function exits from automatic mode when operating A/C button, mode adjustment button, air speed adjustment or temperature LOW/HI, however, other functions are still in automatic mode .

READ

- Surface dirt and block in A/C condenser surface may cause poor cooling effect, please keep condenser clean.
- When air is cooled down quickly in humid and warm conditions, fog may be seen coming from the outlet, this is normal.
- When the temperature is low, such as in winter, even if indicator comes on after operating A/C button, A/C compressor still cannot be started.
- Water dripping from the A/C drain pipe and forming a pool after use of A/C colling system is normal.
- Refrigerant filled in A/C system will decrease as time, if you feel cooling effect of A/C is poor, please go to authorized service station for inspection and repair in time.
- It is recommended to turn on A/C refrigeration system not less than 5 minutes every month and open the window simultaneously, this will help to prevent A/C system damage due to lack of lubricant, and also prevent evaporator odor due to moist and germs.
- If A/C 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 light. If engine is overheating, it is advisable to turn off A/C.
- After temperature in vehicle is decreased to lower temperature, to reduce the influence to power system power and fuel consumption, compressor will turn off automatically, so if using A/C in spring and autumn seasons with low temperature, the compressor will be turned on or off automatically, this is normal.
- During sudden acceleration, overtaking and climbing, power system needs more power for compensation. At this time, if the A/C is operating, the compressor may be turned off automatically, if it does not turn off and you feel lack of power, it is recommended to turn off A/C.

WARNING

- To extend service life of A/C system, do not use the A/C for a long time with low speed when using A/C cooling.
- It is forbidden to repair A/C system by yourself, since the high pressure refrigerant is harmful to human, it is necessary to go to authorized service station for inspection and repair.
- Please purchase special refrigerant and compressor lubricant at authorized service station, otherwise, A/C 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 death, especially for infants and very young children.

Air Conditioning Heating Operation

When the engine is working:

The A/C temperature can be adjusted by operating the temperature adjustment button on front row control panel or sliding temperature adjustment area on slide display; The A/C airflow volume can be adjusted by operating the vehicle air speed adjustment button on front/second row control panel or sliding airflow volume adjustment area on slide display. It is recommended to adjust mode to foot mode and turn off refrigeration system (A/C compressor is turned off).

Auxiliary Fascia Armrest Box Cooling / Warming Function (If Equipped)

Place necessary items (For example: Canned drinks) in the auxiliary fascia armrest box to perform A/C cooling / warming operation. Rotate inner button of armrest box to cool / warm the necessary items.

⚠ WARNING

Those items can not too big, otherwise, the auxiliary fascia armrest box can not be closed. Movement of driver's arm may be interfered if the auxiliary fascia armrest box is not closed. Be careful not to get hurt.

3-7. Wireless Charging

Wireless Charging

Introduction

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

Usage method

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 completely.

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

- The mobile phone cannot be charged if the back of the phone is more than 8 mm away from wireless charging sensing area.
- 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 " ".
- When the surface temperature of wireless charging sensing area is higher than 65° C due to sun exposure, the wireless charging module will trigger self-protection and the mobile phone cannot be charged.

READ

- The interior designs are different depending on the configuration of the vehicle. Please refer to the actual vehicle.
- Wireless charging function is set in audio system (for details, refer to "-Audio System").
- Wireless charging function supports fast charging for some phones (50W).
- 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 order to ensure the connection between vehicle and smart key, there will be a temporary charging shield.
- 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 frequent use is easy to damage (such as function failure, interface poor contact, metal foreign object recognition failure, etc.).

Phone forgetting reminder function

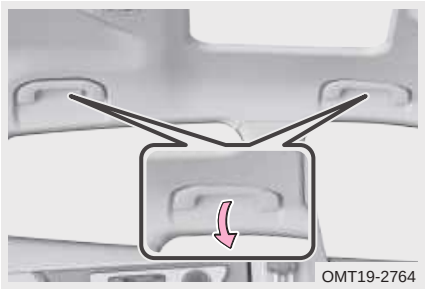
While vehicle power is switched to OFF mode, open driver door and if your mobile phone is left in wireless charging sensing area, it will sound an alarm

for 20 seconds or take the phone out within 20 seconds, then the alarm will stop.

Note: Phone forgetting reminder function is set in audio system after wireless charging function is turned on.

3-8. Assist Grips and Coat hooks

Assist Grips

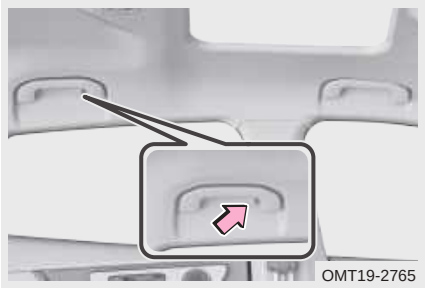


Assist grips are installed above front passenger door and both rear passenger doors respectively.

⚠ CAUTION

- Do not use the assist grip when getting in or out of the vehicle or rising from your seat.
- To prevent damage to the assist grip, do not put a heavy load on the assist grip.

Coat hooks



Coat hooks are provided with the rear assist grips.

⚠ CAUTION

Do not hang coat hangers or other hard or sharp objects on the hooks. If the Curtain side airbags deploy, these items may become projectiles, causing death or serious injury.

3-9. Storage Space

Storage Space

Door storage boxes

OMT19-2726

Door storage boxes on front and rear doors can be used for storing maps, cups and other items.

Glove box

OMT19-2725

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.

Seat storage bags

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

Auxiliary fascia console storage box

Auxiliary fascia console storage box is used to store map, instructions and other items.

OMT19-2723

Lift the lid to open the auxiliary fascia console storage box.

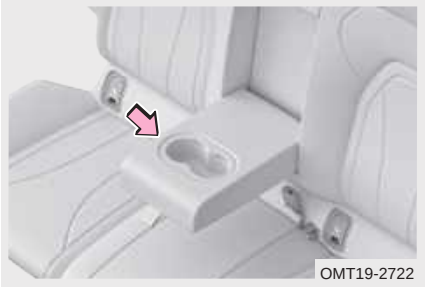
⚠ WARNING

- Adults or children are not allowed to sit on the auxiliary fascia console storage box.
- Auxiliary fascia console storage box must be closed when the vehicle is running, or it may hinder the driver's arm movement and cause injury.

Cup holders

OMT19-2721

Front cup holder is located on the auxiliary fascia console.


OMT19-2722

Rear cup holder (if equipped) is located on the rear center seatback.

READ

The interior designs are different depending on the configuration of the vehicle. Please refer to the actual vehicle.

WARNING

- Cover the cup or drink can firmly to prevent water or drinks from spraying out.
- Do not place anything other than cups or drink cans in cup holders to prevent these items being thrown out of the holders in the event of an accident or sudden braking, causing injury.

Luggage compartment

OMT19-2720

The split folding rear seats provide convenience for storage of cargo (for details, refer to "Seats").

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

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

WARNING

- Do not drive 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.

Carrier (if equipped)

OMT19-2750

Roof carrier is used for loading cargo, with a load of 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.

CAUTION

- Never allow the loaded long or wide cargoes to exceed the overall length or width of the vehicle.
- Overweight will cause carrier, moon roof glass, body roof and other components to be damaged, the various problems caused by overweight are not under the warranty.
- 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 serious injury or even death.
- 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.

3-10. Power Outlet

Power Outlet

Front power outlet

OMT19-2760

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

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

READ

The interior designs are different depending on the configuration of the vehicle. Please refer to the actual vehicle.

Rear power outlet (if equipped)

OMT19-2763

Rear power outlet is located on the left of luggage compartment.

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 that require more than 120 W (DC 12 V, 10 A).
- To prevent the battery from depleting, 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, as this may cause electrical failure or short circuits.

USB Port

Front USB port

OMT19-2770

USB port is located on the lower front part of auxiliary fascia console.

USB port " ": It is the Type-C interface. Only use USB devices that have a maximum power consumption of 60 W or below.

USB port " ": It can be used for reading U disc, phone-link and charging the electrical equipment with low power, such as phone etc. Only use USB devices that have a maximum power consumption of 10.5 W or below.

Rear USB port

OMT19-2780

Rear USB port can be used for charging the electrical equipment with low power, such as phone etc.

USB port is located under the rear air outlet of center armrest.

Only use USB devices that have a maximum power consumption of 10.5 W (DC 5 V, 2.1 A) or below.

READ
The interior designs are different depending on the configuration of the vehicle. Please refer to the actual vehicle.

Rear view mirror base USB port (if equipped)

OMT19-2420

Rear view mirror base USB port can be used for driving recorder.

Only use USB devices that have a maximum power consumption of 10.5 W (DC 5 V, 2.1 A) or below.

3-11. Sun Visors , Vanity Mirrors and Ticket Clips

Sun Visors, Vanity Mirrors and TicketClips

Sun Visors

OMT19-2790

Horizontally move the vanity mirror sliding plate to use the vanity mirror.

1 Flip the sun visor down.

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

Vanity Mirrors

OMT19-2792

Flip the cover down to open.

For vehicle equipped with vanity mirror light, the corresponding vanity mirror light will come on when opening the vanity mirror.

3-12. Hood

Opening/closing the hood

OMT19-2800

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

OMT19-2810

Step 2: Reach your hand to the center part of the front of the hood, and contact with the auxiliary catch lever. Then push it to left and keep it in this position, and lift the hood at the same time;

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

Step 4: After closing the hood, lift it slightly to confirm it is closed properly.

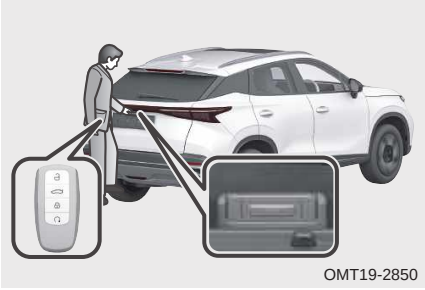
⚠ CAUTION

- Before closing the hood, check if you have not left any tools, rags etc. in the engine compartment.
- When closing the 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


OMT19-2850

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

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

OMT19-2830

Pull the back door assist handle down and release it before it 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 damage.

Power Back Door

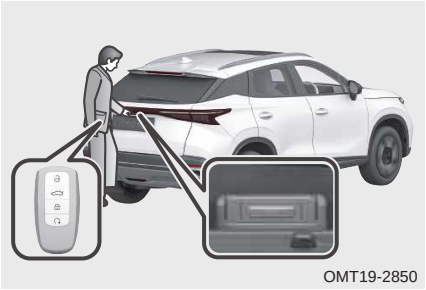
For your convenience, power back door has following functions: Opening height adjustment, one button open/close, manual open/close, back door stop, etc.

Back door opening switch

OMT19-2840

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

Back door exterior switch


OMT19-2850

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

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

Back door interior switch

OMT19-2860

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

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

After the power back door button is pressed, 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.

READ

- If the back door opening is too low, the back door opening height cannot be set.
- Back door opening height can also be set in audio system (for details, refer to "Audio System").

Smart key remote control

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

Back door jam protection function

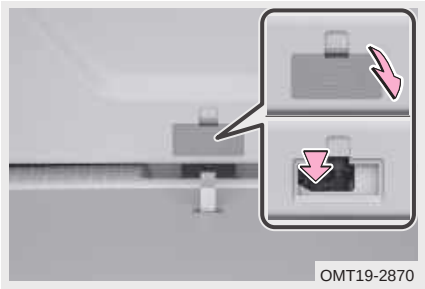
If the back door encounters resistance (such as children, luggage, etc.), back door operates in the opposite direction until it is fully opened/closed, which is effective in preventing child injury and vehicle damage.

Protection mode function

If multiple jam protections occur when opening and closing the back door, it may not operate in order to protect the motor and system, so you will need to close the back door by hand.

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 emergency device switch.


OMT19-2870

Step 1: Stop the vehicle as safely as possible;

Step 2: Fold the rear seatback;

Step 3: Get in the rear of vehicle and open emergency device cover;

Step 4: Press the emergency switch and then push the back door to open it.

3-14. Fuel Tank Cap

Fuel Tank Cap

Manual Fuel Tank Cap

OMT19-2880

Step 1: Pull fuel tank cap opening handle and the fuel tank cap will pop up outward;

Step 2: Turn fuel filler cap counterclockwise to remove it;

Step 3: After refueling, turn fuel filler cap clockwise until a "click" sound is heard;

Step 4: Close fuel tank cap.

READ

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

CAUTION

- A slight whooshing sound may be heard when the fuel tank cap is opened. This is normal.
- Never add diesel to fuel tank.
- If fuel overflows during refueling, wipe it off immediately to avoid damage to vehicle paint surface.
- 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.
- During using, if fuel tank cap is not closed, drive vehicle to a safe area and stop it, then close the cap again!

⚠ WARNING

- Before refueling, turn ENGINE START STOP switch off and close all doors and windows.
- 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.
- Do not inhale vaporized fuel, as the fuel contains substances that are harmful for the health.
- 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

4-1. Vehicle Power Mode

ENGINE START STOP Switch 118

4-2. Starting and Turning off Engine

Normal Starting and Turning off..... 119

Starting and Turning off in Emergency 120

Gasoline Particulate Filter (GPF) (If Equipped) 121

Adaptive Engine Control System 122

4-3. Transmission

Automatic Transmission ... 122

Column Shift Switch 123

Driving mode 125

4-4. Steering System

Electric Power Steering System (EPS) 125

4-5. Brake System

Electric Parking Brake System (EPB)..... 127

Automatic Parking System (AUTO HOLD)..... 129

Vacuum Booster (If Equipped) 131

Brake 131

4-6. SRS Airbags

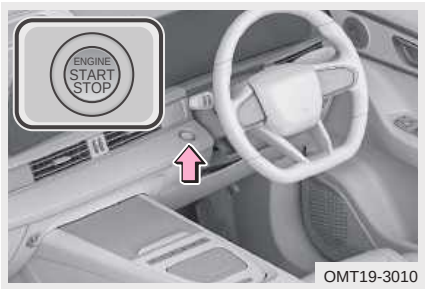
SRS Airbags..... 132

Event Data Recorder (EDR)..... 140

4-1. Vehicle Power Mode

ENGINE START STOP Switch

When the system detects the legal smart key and the brake pedal is released, press the ENGINE START STOP switch to switch the power mode of vehicle (-each time the ENGINE START STOP switch is pressed, the mode is switched once).



OMT19-3010

OFF mode: All electrical appliances turn off.

ACC mode: Part of electrical appliances can be used.

ON mode: All electrical appliances can be used.

START mode: When vehicle power source is turned to ACC/ON mode, depress the brake pedal and transmission gear is in P. The power of vehicle is switched to START mode and the engine can be started by pressing the ENGINE START STOP switch.

READ

- If ENGINE START STOP switch is not pressed properly, vehicle power mode can not be switched on and the engine may not be started.
- Do not place smart key on to the "key" mark, because if there is sufficient power in the battery, it may trigger an instrument alarm ("Smart key not detected", "Verify successfully, start ready") and cause confusion to the driver.
- The vehicle is equipped with an alcohol lock,which needs to be installed at atfer-sales authorized service station.

CAUTION

- When engine is not running, switch the vehicle power mode to OFF mode to prevent the battery from depleting.
- When engine is running, if smart key is removed, engine will not turn off automatically, anti-theft horn sounds 6 times and meter displays "Smart Key Not Detected".
- When engine is running, if shift lever is shifted to R/N/D, turn off the engine and vehicle power will be switched to ACC mode other than OFF mode. Shift the shift lever to P, vehicle power will be switched to ON mode, and press ENGINE START STOP switch again to switch it to OFF mode.

Auto power off function

When engine is not running, if vehicle power is switched to ON mode for 1 hour or more, vehicle power will be automatically switched to OFF mode (the shift lever of a vehicle with automatic transmission will be shifted into P), this function cannot completely prevent battery from being discharged.

4-2. Starting and Turning off Engine

Normal Starting and Turning off

Before starting engine

Step 1: Check surroundings of vehicle before getting in;

Step 2: Adjust seat position, seatback angle, head restraint height and steering wheel angle;

Step 3: Adjust angles of the inside and outside rear view mirrors;

Step 4: Turn off any unnecessary lights and electrical appliances;

Step 5: Fasten the seat belts;

Step 6: Confirm that the parking brake is applied;

Step 7: Shift the shift lever to P;

Step 8: Vehicle power switches to ON mode, check if malfunction indicator and other indicators on meter are normal; if they are abnormal, contact authorized service station immediately for inspection and repair.

Starting engine

OMT19-3020

Smart key is carried on your person or put it into vehicle, and it can be detected normally:

Step 1: Shift the shift lever to P;

Step 2: Vehicle power switches to ACC/ON mode, depress brake pedal, and indicator comes on in green at the same time;

Step 3: Press ENGINE START STOP switch to start the engine.

READ
When operating ENGINE START STOP switch, one short, firm press is enough.

After starting engine

Engine idle speed is controlled by electronic control system. When engine is started, high speed can help to increase engine temperature, this is normal. After engine temperature increases, speed will automatically drop down to normal speed. If not, please contact authorized service station for inspection and repair.

⚠ WARNING

Exhaust gas contains harmful substances which may lead to a serious health hazard when inhaled. Use the following methods to avoid inhaling exhaust gas:

- Do not run the engine for a long time in an unventilated area, such as in a garage, etc.
- When running engine in a ventilated with vehicle stopped, switch air conditioning to outer circulation, and set high blower speed.

Turning off engine

OMT19-3020

Step 1: Stop the vehicle and apply parking brake;

Step 2: Shift the shift lever to P;

Step 3: Press the ENGINE START STOP switch;

Step 4: Check that engine is turned off.

⚠ CAUTION

- Do not depress accelerator pedal before engine is turned off.
- After driving at high speed for a long time, engine temperature will be high. Do not turn off engine immediately when stopping vehicle. Allow the engine to idle for several minutes, and then turn off engine after its temperature drops. Otherwise, engine may be damaged.

Starting and Turning off in Emergency

Starting engine in emergency

When smart key battery is low or signal is seriously interrupted, engine start stop function will not work normally. In this case, start engine according to following steps:

Step 1: Lay smart key on front end of auxiliary fascia (as shown in figure) with front side facing up; do not depress brake pedal at this time;

Step 2: Switch vehicle power supply to ACC/ON mode, depress the brake pedal;

Step 3: Press ENGINE START STOP switch to start the engine.

Note: For vehicle with automatic transmission, vehicle power is switched to ACC mode, when the engine cannot be started by depressing brake pedal, long press ENGINE START STOP switch for 15 seconds or more, system will ignore brake pedal signal and engine also can start at the same time (it is not recommended to use this function to start driving again unless special circumstances occur).

READ

The interior designs are different depending on the configuration of the vehicle. Please refer to the actual vehicle.

CAUTION

Do not place smart key on to the "key" mark, because if there is sufficient power in the battery, it may trigger an instrument alarm ("Smart key not detected", "Verify successfully, start ready") and cause confusion to the driver.

Turning off engine in emergency

When vehicle systems are normal during traveling, if engine has to be stopped in case of an emergency, perform as follows:

Method 1: Shortly and continuously press ENGINE START STOP switch 3 times or more within 2 seconds.

Method 2: Press and hold ENGINE START STOP switch for 3 seconds or more.

Gasoline Particulate Filter (GPF) (If Equipped)

GPF can capture particulate emissions from exhaust gas to reduce the effect of particulate emissions of vehicle. When particulate emissions from the GPF is accumulated to a certain extent, the system will regenerate GPF with a specific strategy.

Avoid engine idling for a long time when green indicator " " on instrument cluster comes on. Increase the vehicle speed (vehicle speed is no less than 37 mph (60 km/h)) until the indicator goes off in the case of safety and compliance. Yellow indicator " " on instrument cluster comes on, indicating

that particulate emissions captured by GPF have reached to its limit, please contact authorized service station for inspection and repair.

■ Observe the following precautions during daily driving:

1. Avoid driving for short distance frequently.
2. Avoid idling for a long time or frequently.
3. Avoid running the engine at low speed and high throttle for a long time or frequently.

⚠ WARNING
Do not stop, idle for a long time at areas covered by dry leaves, dry grass or other inflammables. The exhaust pipe is at high temperature when engine is running or just after vehicle is stopped, which may lead to fire.

Adaptive Engine Control System

If the battery terminal is removed and reconnected, the vehicle power is switched to ON mode, and vehicle power will be switched to OFF mode after waiting for 15 s before starting the engine.

Abnormal phenomena (such as, engine shaking or unsmooth starting off) may occur in early driving stage, which is a normal phenomenon that engine control system is learning to adapt to engine again.

4-3. Transmission

Automatic Transmission

The automatic transmission belongs to the electronically controlled automatic transmission.

Step 1: Depress the brake pedal completely and shift the shift lever to D; Manually or automatically release the park brake and release the brake pedal to drive the vehicle slowly.

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

⚠ WARNING

- Never tow the vehicle for a long distance or at high speed. Raise drive wheels or disconnect propeller shaft when towing.
- When shift lever is in N, make sure parking brake is applied or 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 remains 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 will be damaged, please go to authorized service station for inspection and repair immediately.

Column Shift Switch

P gear: When the vehicle is stationary, depress the brake pedal and the shift lever is not in P. Press the button on the right side of column shift switch to shift the shift lever to P.

R gear: When the vehicle is stationary, depress brake pedal, move up to the top and shift the shift lever to R.

D gear: When the vehicle is stationary, depress brake pedal, move down to the bottom and shift the shift lever to D.

N gear: When the vehicle is stationary, depress brake pedal and shift the shift lever to N by following operations.

1. When the gear position is in D/P, push up column shift once to shift to N.
2. When the gear position is in R, push down column shift once to shift to N.

Gear position introduction

Gear Position	Function
P gear	Park gear, vehicle can be started
R gear	Reverse position. Back-up lights will come on and parking assist system will operate.
N gear	Neutral position. It is used for short time idling stop.
D gear	Forward driving position. Automatically shifts up and down among forward drive gears according to engine load and vehicle speed.

⚠ CAUTION

- Do not coast vehicle in N. Otherwise, the transmission will be damaged.
- Never shift in P position when the vehicle is not stopped steadily. This may lead to abnormal sound or damage to the transmission.
- Do not shift the shift lever out of D while the vehicle is moving forward. Otherwise, the transmission may be damaged seriously.
- Do not shift the shift lever out of R while the vehicle is moving backward. Otherwise, the transmission may be damaged seriously.
- When shifting the shift lever out of P, it is necessary to depress the brake pedal first to stop the vehicle steadily, and then perform shifting among each gear position. Otherwise shifting mechanism will be damaged.
- When vehicle malfunctions occur due to insufficient battery (12 V) and even depressing the brake pedal or shifting out of P is impossible, please contact a authorized service station immediately for inspection and repair.
- When the vehicle is parked on a slope, the parking brake must be applied first, and then the shift lever is shifted into P. After starting the vehicle on a slope, first shift the shift lever out of P, then release parking brake for driving.

Driving mode

■ Method 1

OMT19-3064

Turn vehicle power to ON mode, and the vehicle is stationary or safe to drive. Manually select driving mode through Audio System - Vehicle Settings - Quick Control; And the corresponding mode icon on instrument cluster will turn on and accompanied by voice reminder to prompt you that driving mode is switched successfully.

■ Method 2

OMT19-3065

Turn vehicle power to ON mode, and the vehicle is stationary or safe to drive. Click mode button; And the corresponding mode icon on instrument cluster will turn on and accompanied by voice reminder to prompt you that driving mode is switched successfully.

READ

The driving mode memory can be turned on/off through Audio System - Vehicle Settings.

4-4. Steering System

Electric Power Steering System (EPS)

Introduction

Electric Power Steering System (EPS) uses the torque generated by motor as power source of steering system, instead of a hydraulic pump driven by the 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, the yellow indicator "" on instrument cluster flashes, 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.

Electric Power Steering System (EPS) indicator

When there is fault in electric power steering system (EPS), yellow indicator "⚠" on instrument cluster comes on.

⚠ CAUTION

- Frequent handling and rotation of steering wheel over long periods of time may damage the mechanism in the electric power steering system (EPS).
- It is forbidden to turn the steering wheel frequently and quickly at idle speed to prevent the system from overheating. If the system overheats, heavy steering will occur, which is normal. Stop rotating the steering wheel and switch the vehicle power to OFF/ACC mode until the system cools down.

⚠ WARNING

After electric power steering system (EPS) is disabled, although the vehicle still has the conventional steering capability, it should be driven with caution. At this time, please go to the authorized service station for inspection and repair as soon as possible.

Steering force mode

OMT19-3090

Electric power steering system (EPS) is equipped with two steering modes (Sport/Comfort). The default steering mode is comfort mode when the vehicle first works. Compared with the comfortable mode, steering force of sport mode is reduced more relaxed.

READ

- The steering force mode can be correlated with the driving mode (if equipped). After the correlation, the steering force is the movement in the SPORT mode, while the steering force is the comfort in the ECO mode. After disassociation, steering force can be set to Sport/ Comfort separately.
- The steering force mode should be set on audio system .For details,refer to "Audio System".

4-5. Brake System

Electric Parking Brake System (EPB)

Introduction

Electric Parking Brake System (EPB) 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 method

OMT19-3100

EPB operation conditions

Vehicle is in READY state, driver seat belt is fastened, driver door is closed, and brake pedal is depressed.

EPB ON

When EPB conditions are met, click "Ⓟ" button in control center, and "Ⓟ" red indicator on instrument cluster remains on, indicating that EPB function has been turned on.

EPB function is automatically applied when the vehicle is powered off or the shift lever is shifted to P.

EPB OFF

When EPB is turned on, click "Ⓟ" button in control center, and "Ⓟ" red indicator on instrument cluster goes off, indicating that EPB function has been turned off.

Releasing parking brake automatically

With vehicle stopped on level ground, driver seat belt fastened and driver door closed, when the shift lever is shifted from P to D or R, the EPB 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 lever is shifted from P to D or R, depress accelerator pedal deeply, and parking brake can be released automatically only when driving force is greater than slipping force.

READ
When towing vehicle, it is necessary to release parking brake, and the shift lever needs to be shifted into N.

⚠ CAUTION

- EPB and AUTO HOLD cannot be used when vehicle battery (12 V) is depleted. Jumper cables can be used to start.
- While depressing brake pedal for releasing or applying parking brake, brake pedal may push slightly up or down, just depress the brake tightly.
- 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.
- If vehicle coasts after stopping within a short period of time, system will increase parking brake force automatically to hold it for safety. When parking brake force is increasing, system makes operation sound. This is normal.

⚠ WARNING

To avoid accidental vehicle movement, when stopping or leaving the vehicle, after EPB system operates, the "Ⓟ" red indicator on instrument cluster will go off automatically after coming on for a certain period of time, in this case, check if "Ⓟ" red indicator on instrument cluster remains on to ensure that electric parking brake is applied.

Emergency braking function

If foot brake fails, pull up the electric parking brake button continuously to forcibly apply brake by parking brake. In this process, "Ⓟ" red indicator in instrument cluster blinks. Release the 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, other passengers should not touch button accidentally. Otherwise, it may cause an accident.
- Emergency braking function can only be used in case of emergency such as foot brake failure or brake pedal stuck. Electronic Stability Control (ESP) system and its components cannot exceed road traction physical limit. Use of the emergency braking function on windy roads, dangerous roads, in heavy traffic or severe weather, may lead to drifting, side slipping or pulling, so please be careful.

Electric parking emergency releasing

When Electric Parking Brake (EPB) system operates, press electric parking brake button and depress and hold brake pedal, and vehicle power is switched to OFF mode, electric parking is released in emergency. It is recommended to use the electronic parking system only in rescue trailers or rare situations.

Automatic Parking System (AUTO HOLD)

Introduction

Automatic parking system (AUTO HOLD) is used to prevent vehicle from rolling when vehicle is stationary and starts off.

Usage method

■ Auto hold function enabling conditions

Engine is started, driver side door is closed properly and driver seat belt is fastened.

OMT19-3110

■ Turning on auto hold function

Turn vehicle power supply to ON mode, slide down from the top right edge of the audio system screen, turn on auto hold switch, auto hold function can be turned on when auto hold conditions are met, and then the system enters auto hold mode, white auto hold indicator in instrument cluster remains on.

■ Activating auto hold function

When auto hold function is turned on, depress brake pedal, shift lever in D, vehicle is changed to stationary state from movement, auto hold function is activated, "Ⓐ" green indicator in instrument cluster remains on.

Depress brake pedal when vehicle is stationary, and th eauto hold function is turned on at the same time and the condition of auto hold is met, then auto hold function is activated, "Ⓐ" green indicator in instrument cluster remains on.

■ Turning off auto hold function

When the auto hold function is turned on, press the auto hold button to turn off auto hold function. The indicator on the auto hold button turns off, and white auto hold indicator in instrument cluster turns off, indicating that the vehicle has exited the auto hold function.

When auto hold function is activated, press auto hold button to turn off auto hold function, "Ⓐ" green indicator in instrument cluster and indicator on auto hold button turn off, indicating that vehicle has exited auto hold function and switched to parking brake function.

■ Auto hold release function

Way to release auto hold is the same as that of electric parking brake, including manual release and automatic release.

READ

- The interior designs are different depending on the configuration of the vehicle. Please refer to the actual vehicle.
- According to the configuration of the vehicle, the auto hold indicator displays different. Please refer to the actual vehicle.

CAUTION

- When auto hold function is malfunctioning, yellow indicator in instrument cluster remains on, please drive slowly to authorized service station for inspection and repair as soon as possible.
- 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 or R. 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 side 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.

WARNING

To avoid vehicle accidentally moving, in the state of auto hold, confirm shift position before depressing accelerator pedal to start.

Vacuum Booster (If Equipped)

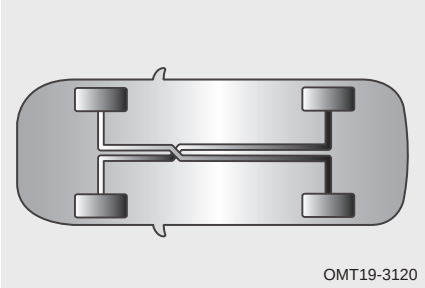
The vacuum booster is controlled by engine vacuum and it works only when the engine is running. Therefore, do not coast your vehicle with engine off.

> ⚠ WARNING
>
> Do not coast your vehicle with engine off while driving downhill. To achieve better braking effect, shift to low gear before driving downhill.

If the vacuum booster does not work because vehicle is being towed or malfunctioning, brake pedal should be depressed more firmly than usual to compensate booster braking effect.

In normal temperature, we recommend allowing the engine to idle for 15 seconds after the vehicle starts, if the temperature is lower, the time is longer. This is to allow it to quickly heat and to activate the three-way catalysts and improve waste gas conversion efficiency. It can also help restore the brake vacuum if the vehicle has been parked for a long time. We advise idling the engine for 15 seconds each time you start the vehicle.

Brake



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, the brake pedal should be depressed more firmly than usual and the braking distance will increase, and the brake system malfunction indicator remains on.

> ⚠ WARNING
>
> Do not drive vehicle under conditions in which only one brake system works. Please go to authorized service station as soon as possible.

Brake system indicator

When there is fault in brake system, red indicator "(!)" on instrument cluster remains on.

⚠ WARNING
When there is fault in brake system, check the brake fluid level, add brake fluid when it is lower than MIN line. If reason is unclear, go to authorized service station immediately.

Precautions for brake system

Be sure to read the following precautions when using the brake system:

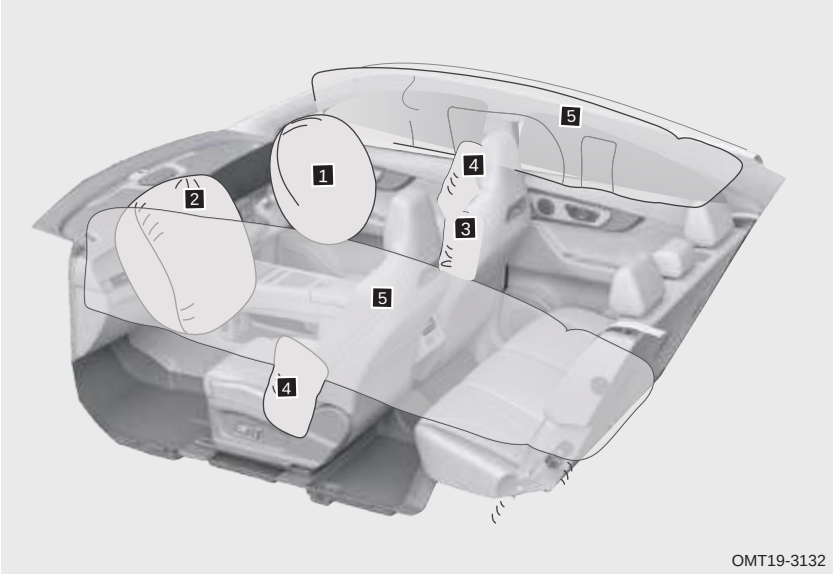
1. If there is a continuous shaking or vibration to the steering wheel while braking, please go to authorized service station for inspection and repair immediately.
2. When driving downhill, shift to a low gear to make full use of engine braking effect and avoid continuous use of brakes. Failure to do so may the brakes to overheat, making braking distances longer and in serious cases may mean a temporary loss in brake effectiveness.
3. The brake system will make some noises sometimes during operation, which is normal, but if you hear metal friction or a whistling sounds over a period of time, the brake linings may be seriously worn, and you must go to a authorized service station for replacement immediately.
4. The new brake linings must be break-in to reach optimal brake effect. Braking effect in the first 124 mph (200 km) is not optimal. In this case, depress brake pedal more firmly to compensate braking effect.
5. A wet brake may cause abnormal vehicle deceleration or pull to one side when braking. Depress brake pedal slightly to test effectiveness of brake. After driving through deep water, keep a safe vehicle speed and depress brake pedal slightly until braking function is restored.
6. Wear condition of brake linings largely depends on its working conditions and driving style. For vehicles mainly used in city traffic, frequent starting and stopping will make working condition of brake linings worsen. Therefore, please go to authorized service station according to specified maintenance mileage to check thickness of brake linings or replace it as needed.

4-6. SRS Airbags

SRS Airbags

In severe frontal/side collision the SRS airbags deploy and work together with seat belts to protect occupants in vehicle. SRS airbags can distribute impact force more evenly to upper parts of occupants' body, so their body move slowly even stop, thus reducing the risk of passenger and driver injury. Once an SRS airbag is deployed, doors will automatically unlock, interior lights will illuminate and hazard lights will illuminate.

Location of SRS Airbags



1 Driver airbag

2 Front passenger airbag

3 Front middle airbag

4 Front side airbags

5 Curtain shield airbags

Using SRS airbags correctly

■ Driver airbag / front passenger airbag

In an event of a severe frontal collision and the airbag deployment conditions are met, both driver airbag and front passenger airbag work together with seat belts to help reduce injuries to the head or chest of driver and front passenger caused by hitting the interior component. (For models equipped with front passenger airbag switch, the front passenger airbag does not deploy when the switch is off).

■ Front side airbags

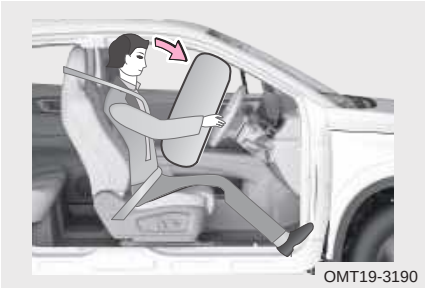
In an event of a severe side collision and the airbag deployment conditions are met, front side airbags can help protect the torso of the front seat occupants.

■ Curtain shield airbags

In an event of a severe side collision and the airbag deployment conditions are met, curtain shield airbags can help protect primarily the head of occupants in the outer seats.

■ Front middle airbag (if equipped)

In an event of a severe side collision and the airbag deployment conditions are met, front middle airbag (if equipped) can help protect primarily the head of driver and front passenger.



The SRS airbag works together with seat belt to protect safety of driver and passengers. However, airbag is not a substitute for seat belt. In addition, the SRS airbag will deploy only when the collision degree of vehicle reaches the design condition. In some collisions, seat belts are 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 passengers. Therefore all people in vehicle should wear seat belts correctly. SRS airbags and seat belts can provide protection only for adults but are not designed to protect infants and young children.

The SRS airbag will generate considerable force at the moment of deployment. In order to avoid injury caused by deployment of the SRS airbag, 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 SRS airbag, such as sitting on the edge of the seat or tilting the body forward. For vehicles equipped with front side airbag and curtain shield airbag, make sure that the arms are sufficiently away from the vehicle side to avoid injury during deploying.

⚠ CAUTION

- The SRS airbag cannot protect the lower part of the occupant's body.
- The SRS airbag will quickly contract after deploying, which can ensure that forward vision of driver is not blocked.
- The related parts of SRS airbag will generate heat after deploying. Do not touch the related parts of SRS airbag immediately to avoid injury.
- The SRS airbag is a non-reusable device. Once the SRS airbag is deployed, the related parts of SRS airbag must be replaced.
- If the areas where the SRS airbags are stored, such as the steering wheel and instrument panel are damaged or cracked, please go to authorized service station for replacement as soon as possible.
- The deployment and contraction of the SRS airbag is completed in a short period of time, and cannot protect against the impact of a second impact that may occur subsequently.
- The SRS airbag 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 SRS airbags 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 out as soon as possible, or open windows to breathe fresh air and seek medical treatment if necessary.

⚠ WARNING

- The seat cover should not block front side airbags and front middle airbag (if equipped) during using, as in the event of an accident, the front side airbags and front middle 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 SRS airbag. In order to avoid any fluid into the SRS airbag, otherwise it may seriously affect the normal function of SRS airbag.
- If there is water in vehicle, the SRS airbag 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 station for inspection and repair immediately.
- Make sure driver and front passenger always sit upright. Leaning into the path of front middle airbag (if equipped) can prevent the airbag from deploying properly and increases your risk of injury.
- Do not attach accessories on or near the front middle airbag (if equipped). They can interfere with the proper operation of the airbag, or hurt someone if airbag inflates.
- Do not open the lid of front center armrest box while driving.
- Do not cover or replace the driver's seatback cover without consulting authorized service station. Improperly replacing or covering driver's seatback cover can prevent front middle airbag (if equipped) from properly deploying during a side impact.

SRS airbag indicators

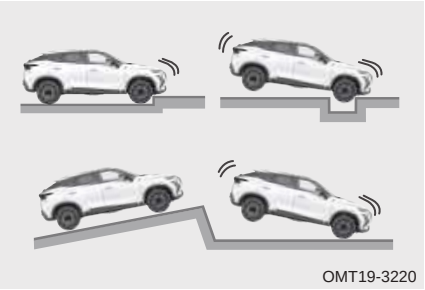
The " " red indicator on instrument cluster remains on when it is malfunctioning, which is used to alert the driver that SRS airbag is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.

SRS airbag operating conditions

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

Even if the SRS airbag is not deployed, a collision may damage the SRS airbag in the vehicle. SRS airbags may not operate properly if damaged, and therefore will not be able to protect you and other passengers in the event of another collision, which may result in accidents and personal injuries. In order to ensure that the SRS airbag can deploy properly in an event of collision, please go to authorized service station for inspection and repair as soon as possible.

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

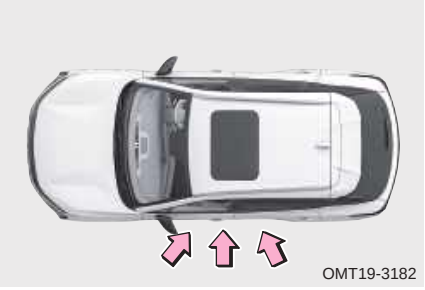

OMT19-3220

The driver airbag, front passenger airbag, front side airbags, curtain shield airbags and front middle airbag (if equipped) may also deploy if a serious impact occurs to the underside of your vehicle.

■ Conditions under which SRS airbag may deploy in a collision

OMT19-3200

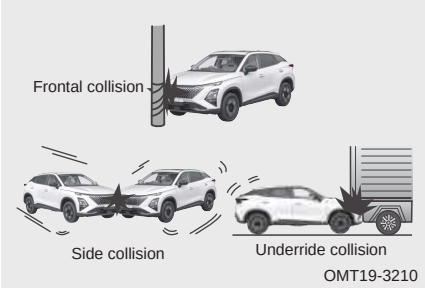
In general, in an event of frontal collision, the driver airbag and front passenger airbag will deploy if the deceleration of vehicle exceeds the designed threshold level.


OMT19-3182

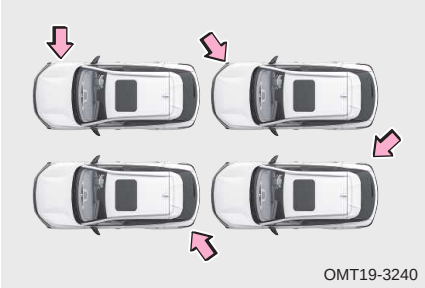
The vehicle is subjected to a strong side impact, and the side collision sensors detect an impact severe enough to cause the front side airbags, curtain shield airbags, and front middle airbag (if equipped) to deploy.

■ Conditions under which SRS airbag may not deploy during a collision

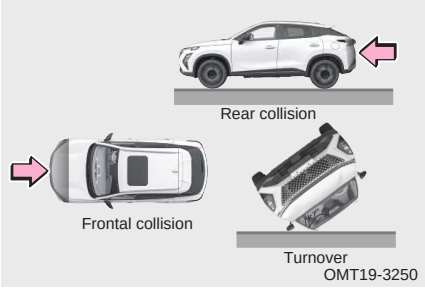
The driver airbag and front passenger airbag will usually not deploy if the vehicle is involved in a side or rear collision, if it rolls over, or if it is involved in a low-speed frontal collision.



The driver airbag and front passenger airbag may not deploy if the front of vehicle hits a telegraph pole, goes under a truck, or if the vehicle is involved in an sideways collision.



The front side airbag, curtain shield airbag and front middle 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 the vehicle.

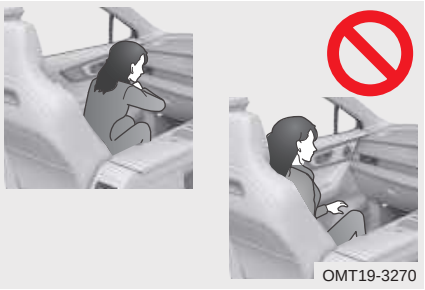


The front side airbag, curtain shield airbag and front middle airbag (if equipped) may not deploy if the vehicle is subjected to a front or rear collision, turnover or low speed side collision.

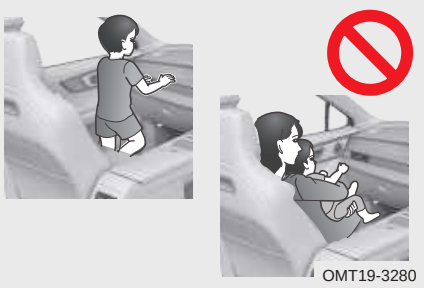
Precautions for SRS airbag

OMT19-3260

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


OMT19-3270

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


OMT19-3280

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

OMT19-3290

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.

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 airbag or front passenger airbag deploys.

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 SRS airbag components. Otherwise, it may cause SRS airbag malfunction.

Replacement of SRS airbag component

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

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

Modification and disposal of SRS airbag components

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

- Modification of vehicle suspension system.
- Modification of vehicle front bumper, etc.
- Modification of side doors or door protective panel and B-pillar protective panel, etc.
- Installation, removal, disassembly and repair of airbags (SRS).
- 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.

DRIVING ASSIST

5-1. Assist Driving

Caution..... 145

5-2. Speed Limit Assist System (SLA)

Speed Limit Assist System (SLA) (If Equipped) 146

5-3. Cruise System

Cruise Control System (CCS) (If Equipped)..... 147

Adaptive Cruise Control System (ACC) (If Equipped) 148

Active Speed Limit (ASL) (If Equipped)..... 153

Intelligent Speed Control System (ISC) (If Equipped) 154

Speed Control Function (SCF) System (If Equipped) 155

5-4. Hill Descent Control System (HDC)

Hill Descent Control System (HDC) (If Equipped) 156

5-5. Lane Departure Warning System (LDW)

Lane Departure Warning System (LDW) (If Equipped) 157

5-6. Lane Departure Prevention System (LDP)

Lane Departure Prevention System (LDP) (If Equipped)..... 159

5-7. Emergency Lane Keeping (ELK) System

Emergency Lane Keeping (ELK) System (If Equipped) 161

5-8. Blind Spot Detection (BSD) System

Blind Spot Detection (BSD) System (If Equipped) 162

Rear Cross Traffic Alert (-RCTA) System (If Equipped) 163

Rear Cross Traffic Braking (RCTB) System (If Equipped)..... 163

Door Open Warning System (DOW) (If Equipped) 164

Rear Collision Warning (RCW) System (If Equipped) 165

5-9. Automatic Emergency Braking System (AEB) / Front Collision Warning System (FCW)

Automatic Emergency Braking System (AEB) / Front Collision Warning System (FCW) (If Equipped) 166

5-10. Traffic Jam Assist System (TJA) / Integrated Cruise Assist System (ICA)

Traffic Jam Assist System (TJA) / Integrated Cruise Assist System (ICA) (If Equipped) 169

5-11. Intelligent Avoidance System

Intelligent Avoidance System (If Equipped) 171

5-12. Drive Away Information System

Drive Away Information System (If Equipped) 172

5-13. Tyre Pressure Monitoring System (TPMS)

Tyre Pressure Monitoring System (TPMS) (If Equipped) 173

5-14. Driver Monitoring System (DMS)

Driver Monitoring System (DMS) (If Equipped)..... 175

5-15. Parking Assist System

Rear View Camera Display System (RVC) (If Equipped) 176

Around View Monitor System (AVM) (If Equipped) 178

Parking Radar System 182

5-16. Braking Force Control System

Integrated Braking Force Control System 185

Electronic Stability Program System (ESP)..... 186

Anti-lock Brake System (ABS) 187

Extended Function 189

5-17. Data Privacy

Driver Drowsiness and Attention Warning (DDAW)..... 190

Advanced Driver Assistance System (ADAS)..... 190

Emergency call (eCall)..... 190

5-18. Hybrid Electric Vehicle

Main Part of HEV 192

Operating Mode 193

Unique Sound of HEV..... 194

Regenerative Energy and Regenerative Brake..... 194

Engine Auto Start/Stop..... 195

Power Battery..... 195

Low-speed Pedestrian Warning Sound 200

5-19. Data Privacy

Driver Drowsiness and Attention Warning (DDAW)..... 200

Advanced Driver Assistance System (ADAS)..... 201

Emergency call (eCall)..... 201

5-1. Assist Driving

Caution

Advanced driving assistance 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:

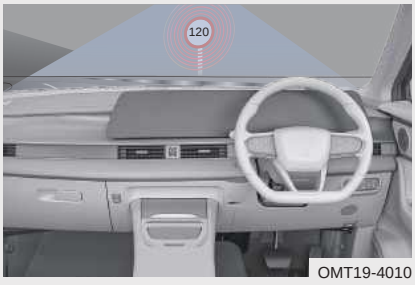
- Maintain direct and continuous control of the vehicle
- Monitor traffic conditions
- Respond promptly to changes in traffic situation, make independent decisions and implement them
- Comply with traffic rules, including speed and distance from other vehicles

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) (If Equipped)

SLA detects speed limit sign information on road in front 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.



OMT19-4010

After SLA detects speed limit sign information on road in front and combines the information with speed limit information of navigation system, "120" indicator in instrument cluster remains on, if the speed exceeds current speed limit for 3 mph (5 km/h), prompt sound will sound 1 time.

Function limit

■ SLA may not be able to recognize in following situations:

- Faded signs.
- Signs on winding roads.
- Rotated or damaged signs.
- High signs on highway.
- Signs that is covered fully or partly, or that the position can not be found easily.
- Signs covered by frost, snow, dust fully or partly.

READ

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

WARNING

- SLA based on front view multi-function camera is affected by weather and light, so the function is not appropriate for all conditions.
- Speed limit assist system is only a driving assistance function and cannot completely replace driver's vision. Obstruced cameras or radar, imcorrect or missing speed limit information on the map, difficult road conditions and bad weather may all prevent this feature from working properly. In any case, drivers should take the initiative to pay attention to their own speed and road speed limit, and control their driving speed.

5-3. Cruise System

Cruise Control System (CCS) (If Equipped)

Cruise control system can maintain the speed set by driver.

Cruise control system button

Cruise button " ": Turn on/off cruise control system.

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

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

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

READ
" RES+ ", " SET- " button is shared button for cruise control system and active speed limit.

Usage methods

■ Entering cruise control system

Turn vehicle power to ON mode, press " " button to enter pre-cruising state, " CRUISE CANCEL --- km/h " indicator on instrument cluster flashes; when vehicle speed is within 24 - 93 mph (40 - 150 km/h), press "SET-" button again to set current vehicle speed as cruise speed and enter cruising state, " CRUISE ON 45 km/h " indicator on instrument cluster remains on.

■ Exiting cruise control system

Press " " button to exit cruising state, and " CRUISE ON 45 km/h " indicator on instrument cluster goes off.

During cruising, press " LIM " button to exit cruise function, and " CRUISE ON 45 km/h " indicator on instrument cluster goes off; Enter pre-speed limit state, " LIMIT --- km/h " indicator on instrument cluster remains on.

Exit cruising state and enter pre-cruising state when brake pedal is depressed or sudden braking is applied during cruising, " CRUISE CANCEL --- km/h " indicator on instrument cluster flashes. When vehicle speed is not lower than 24 mph (40 km/h), press " RES+ " button, vehicle accelerates until it returns to the cruise state before exiting cruising.

■ Speed setting

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

Long press " RES+ " button during cruising process, set vehicle speed will increase continuously.

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

Long press " SET- " button during cruising process, set vehicle speed will decrease continuously.

Function limit

■ In the following conditions, do not use cruise control system, failure to do may cause an accident as well as injury and death.

1. During emergency towing.
2. In heavy traffic.
3. On winding roads.
4. On roads with sharp curves.
5. On slippery roads, such as roads covered with rain, ice or snow.
6. Vehicle speed may exceed set speed when driving up and down on a steep slope.

Adaptive Cruise Control System (ACC) (If Equipped)

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

OMT19-4020

Main button "":

Activate/exit function: When ACC is in pre-cruising or cruising state, short press main button to activate/exit ACC;

Mode switching function: When ACC is in pre-cruising or cruising state, or TJA/ICA is in pre-activating or activated state, long press the main button to switch between ACC and TJA/ICA modes.

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

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

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

"RES+" button: Resume the ACC and adjust speed value.

"SET-" button: Enter the ACC, set ASL and adjust speed value.

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

Adaptive cruise control system (ACC) activation conditions

The following conditions must be met at the same time, ACC can be activated:

- Vehicle speed is higher than 9 mph (15 km/h), or system recognizes a target vehicle ahead.
- Brake pedal is not depressed (during driving).
- Driver door is closed.
- Driver seat belt is fastened.
- Transmission gear position is in D position.
- Parking brake is not applied.
- ESP is turned on.
- ESP is not activated.
- ABS is not activated.
- Hood is not opened.
- ASL function turns off.

Usage method

■ Entering ACC

Turn vehicle power to ON mode, the system enter pre-cruising state after activation conditions are met, and "" indicator in instrument cluster remains on:

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

Method 2: In the current ignition cycle, after ACC exits, press the RES button to set the previous cruise speed as cruise speed and enter the cruising state, and "" indicator in instrument cluster remains on.

READ

- ACC will exit when the ASL function is turned on. Only after the driver actively turns off the ASL function, ACC can enter the pre-cruising state again when the activation conditions are met.
- ACC is exited when turning on ASL function.
- When there is a vehicle in the front of your vehicle at the same road, and driving speed is no higher than vehicle set speed, ACC will control the vehicle to follow vehicle ahead.
- When there is no vehicle in the front of your vehicle at the same road, or there is a vehicle and driving speed is higher than set vehicle, the vehicle drives 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 (ACC)", driver depress accelerator pedal slightly to activate ACC according to the prompt.
- The system may not be available under special conditions (such as desert roads).

■ Exiting adaptive cruise control

When one or more of the following situations occur in cruising process, ACC will exit:

- Depress brake pedal.
- Driver door is opened.
- Driver seat belt is not fastened.
- Apply the parking brake.
- ESP operates.
- ABS operates.
- AEB operates.
- ESP is not turned on.
- Transmission gear position is in a position other than D.
- Driver depress accelerator pedal for more than 15 minutes.
- Press the exit button.
- Hood is opened.

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

■ Speed setting

Press "RES+" button in cruising process, set vehicle speed will increase by 1 km/h.

Long press "RES+" button in cruising process, set vehicle speed will increase by 5 km/h; when speed exceeds 49 mph (80 km/h), set vehicle speed will increase by 6 mph (10 km/h).

Press "SET-" button in cruising process, set vehicle speed will decrease by 1 km/h.

Long press "SET-" button in cruising process, set vehicle speed will decrease by 5 km/h; when speed exceeds 49 mph (80 km/h), set vehicle speed will decrease by 6 mph (10 km/h).

READ

- For ACC, the lowest speed setting is 9 mph (15 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 distance

Press the vehicle-to-vehicle distance control button in cruising process, adjust following distance which is divided into five levels.

READ

- Following distance 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 control

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.
- While entering a 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:

- If vehicle ahead starts within 3 seconds, the vehicle also starts automatically.
- If vehicle ahead stops for more than 3 seconds and starts within 3 seconds to 10 minutes, driver need to depress accelerator pedal slightly to activate ACC.
- When vehicle stops within 10 minutes, driver unfasten seat belt or open driver door, EPB is activated automatically and parking.
- 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 indicator " " is green. If it turns to gray, indicating front target has been lost in ACC mode, the vehicle will start to accelerate according to set speed.

Precautions for adaptive cruise control

- 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.
- If the vehicle is extremely close to vehicle on adjacent lanes, ACC may select the vehicle as following target.
- ACC can not respond to stationary objects and vehicles, crosswise vehicles, oncoming vehicles, pedestrians, bicycles and animals.
- 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.
- When ACC function is malfunctioning, " " yellow indicator in instrument cluster comes on. At this time, please go to authorized service station for inspection and repair as soon as possible.
- 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.

- ACC has a limited brake time reaction; 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.
- Driver should adjust the following distance from vehicle ahead based on traffic flow and weather condition and is responsible for ensuring the vehicle can stop safely at any time. In inclement weather (rain, snow, fog, etc.), ACC may not recognize a vehicle ahead. In this case, ACC should be turned off.
- 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 on curves, target vehicle ahead may be lost or target selection is delayed in ACC mode due to limitation of sensor detection range, in this case, ACC will control vehicle to accelerate to set speed.
- 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.
- 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. When sensor is completely covered by snow, ACC function will be exited. System performance may be reduced or its function fails due to sensor vibration or collision. In this case, please go to authorized service station for recalibration of 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.

Active Speed Limit (ASL) (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 " LIM " 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 - 124 mph (30 - 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 km/h.

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

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

Long press " SET- " button in speed limit process, set vehicle speed will decrease by 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.

Intelligent Speed Control System (ISC) (If Equipped)

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 6 mph (10 kph) higher or lower than the cruising set speed of the vehicle.
- ACC is activated.
- Set speed of ACC > Speed limit value of SLA.

Speed Control Function (SCF) System (If Equipped)

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 driver presses SET- 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

If the driver's confirmation is not obtained during the first pop-up window, a pop-up reminder will be displayed again after 1 minute; after that, the window will not pop up until the new speed limit sign appears, and the window will pop up after the new speed limit sign (the new speed limit sign is different from the previous speed limit sign) appears.

Speed Control Function (SCF) system activation conditions

The following conditions must be met at the same time to activate Speed Control Function (SCF) system:

- Speed Limit Assist System (SLA) is turned on.
- Speed limit value of Speed Limit Assist System (SLA) is no less than 18 mph (30 km/h) and no more than 74 mph (120 km/h).
- The value that speed limit value of Speed Limit Assist System (SLA) minus cruise set speed of the vehicle is no less than 12 mph (20 km/h).
- Adaptive Cruise Control System (ACC) is activated.
- Set speed of Adaptive Cruise Control System (ACC) is more than speed limit value of Speed Limit Assist (SLA).

5-4. Hill Descent Control System (HDC)

Hill Descent Control System (HDC) (If Equipped)

Introduction

HDC can help vehicle drive on steep roads safely under controlled conditions. After HDC is turned on, when vehicle is driving down a steep slope, for vehicle with automatic transmission, speed control range is 6 to 21 mph (10 to 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.

Usage method

OMT19-4171

With vehicle power in ON mode, slide the left edge of the audio main interface to the right to display the shortcut menu interface.

■ Turning on HDC

With vehicle power in ON mode and vehicle speed reaches 37 mph (60 km/h) or less, press HDC switch on the audio system to turn on HDC, and " " green indicator in instrument cluster remains on.

■ Turning off HDC

With HDC ON and vehicle speed more than 37 mph (60 km/h), press HDC switch on the audio system to turn off HDC, and " " green indicator in instrument cluster goes off.

⚠ CAUTION

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

⚠ WARNING

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

Hill Descent Control (HDC) system indicator

When the system is activated, "" green indicator remains on.

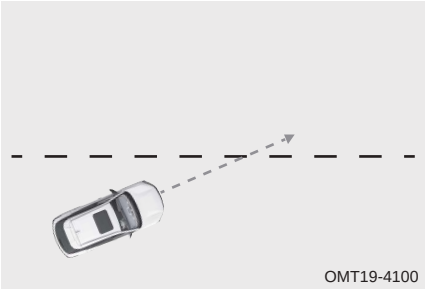
When there is a fault, "" yellow indicator goes off.

5-5. Lane Departure Warning System (LDW)

Lane Departure Warning System (LDW) (If Equipped)

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.

Introduction



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

READ

LDW ON / OFF and sensitivity adjustment can be set in audio system. For details, refer to "Audio System". System will memorize customer operation by default after LDW function is turned on / off by customer.

CAUTION

- Lane line captured by camera: It can detects 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, rain, snow, fog or strong contrast lighting can affect the sensor.
- The system will only work normally on the roads with two clear lane lines.
- 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.
- When only single-sided lane line is detected by LDW, 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, LDW may not work properly.
- Keep front view multi-function camera free from obstructions, such as bird droppings, insects and ice.

WARNING

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

Lane departure warning system (LDW) indicator

When LDW enters pre-activating mode, " " gray indicator in instrument cluster remains on.

When LDW enters activating mode, " " green indicator in instrument cluster remains on.

When LDW operates, " " green indicator in instrument cluster blinks.

When LDW is malfunctioning, " " yellow indicator in instrument cluster remains on.

Function limit

LDW may not work properly in the following conditions:

- When changing lanes.
- When turning with high speed.
- When depressing accelerator pedal with excess force.
- When depressing brake pedal with excess force.
- When turning on hazard warning light.
- When turning on departure side turn signal light.
- When driving on roads with tight curves.
- When lane line is too thin, broken, blurred or departure side has no lane line.

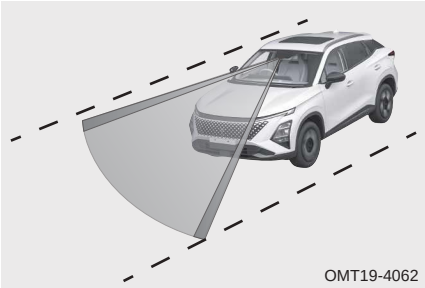
5-6. Lane Departure Prevention System (LDP)

Lane Departure Prevention System (LDP) (If Equipped)

Introduction

The system monitors the relative position of the vehicle and the lane sideline in real time, controls the lateral movement of the vehicle when the vehicle is about to deviate from the lane, and assists the driver to keep the vehicle in the original lane.

Activating LDP



When lane departure prevention system is turned on, speed increases to 40 mph (65 km/h) or more and the vehicle deviates from one lane line, LDP is activated. When speed decreases from more than 40 mph to 37 mph (65 km/h to 60 km/h), LDP is restrained.

READ

LDP ON / OFF can be set in audio system. For details, refer to "Audio System".

CAUTION

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

Lane departure prevention system (LDP) indicator

When the system is on or restrained, "" gray indicator in instrument cluster remains on.

When the system is pre-activated or activated, "" green indicator remains on.

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

Function limit

■ LDP may not work properly in the following conditions:

- When changing lanes.
- When turning on turn signal light.
- When braking with excess force.
- When steering angle speed is too high.
- When depressing accelerator pedal with excess force.
- When turning on hazard light.
- LDP can recognize when the driver does not operate steering wheel for a while.
- 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 injury:

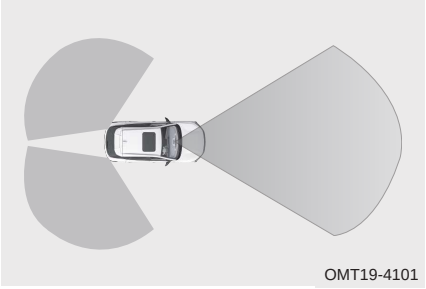
- If sensor is disturbed, the system may not function.
- The system can operate only when vehicle speed is more than 40 mph (65 km/h).
- Lane departure prevention system may not operate when driving in road construction area.
- Lane departure prevention system may not operate when driving on flooded or muddy roads.
- Lane departure prevention system may not operate when driving on sharp turns or narrow roads.
- Lane departure prevention system can only operate normally on the roads with two clear lane lines.
- If your vehicle suspension kit is not approved by us, the system may not work properly.
- Sensors may misidentify temporary construction markings on the road, etc. and give false alarm by mistake.
- The system may not operate in cold and bad weather conditions, rain, snow, fog or strong contrast lighting can affect the sensor.

5-7. Emergency Lane Keeping (ELK) System

Emergency Lane Keeping (ELK) System (If Equipped)

When the vehicle deviates from the edge of road, an oncoming vehicle in an adjacent lane or an overtaking vehicle in an adjacent lane, the system automatically corrects the vehicle's direction to improve driving safety.

Operating instructions



The system is on when the speed reaches 40 mph (65 km/h). After the function is activated, when the speed is decreases from 40 mph to 37 mph (65 km/h to 60 km/h) or less, ELK is restrained.

READ
After the power is on, it is automatically turned on by default. Emergency Lane Keeping (ELK) ON / OFF can be set in audio system. For details, refer to "Audio System".

Function limit

■ Under the following situations, the system may not correctly identify traffic conditions:

- On winding mountain roads.
- In severe weather conditions.
- There are some special buildings on the roadside (such as high or scattered road guardrail).
- When rain, snow, ice, fog or dust blocks the sensor.
- Narrow objects such as bicycles may not be recognized.
- Lane departure prevention system can only operate normally on the roads with two clear lane lines.
- If your vehicle suspension kit is not approved by us, the system may not work properly.
- Sensors may misidentify temporary construction markings on the road, etc. and give false alarm by mistake.
- The system may not operate in cold and bad weather conditions such as rain, snow or fog and strong contrast lighting can affect the sensor.

⚠ WARNING

- Never use a system that is not properly calibrated.
- To ensure the safety of driving and riding, all the passengers must wear seat belts.
- If the sensor is blocked, the system cannot be operated. Clear the sensor in time.
- This system is only a driving assistance system, do not rely solely on this system and drive carefully at all times.
- To ensure the normal operation of the system, it is necessary to keep the sensors in the bumper clean, free of snow and ice, and not covered by other objects.
- If this system does not work properly, turn off the system immediately, please go to authorized service station for inspection and repair as soon as possible.

5-8. Blind Spot Detection (BSD) System

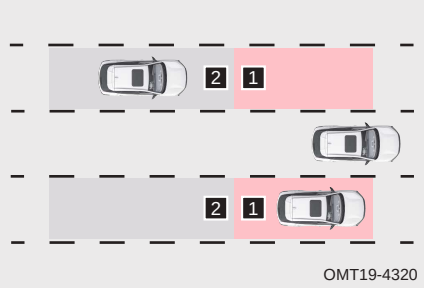
Blind Spot Detection (BSD) System (If Equipped)

BSD system 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. This system extends Lane Change Assist (LCA) system and Rear Cross Traffic Alert (RCTA) system, Rear Cross Traffic Braking (RCTB) system etc.

⚠ WARNING

The BDS system only offers assistance to the driver. It may not work properly under all driving conditions, weather conditions, traffic conditions or road conditions.

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



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

1 Detection area of BSD system.

2 Vehicle approaches detection area of BSD system.

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

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

CAUTION

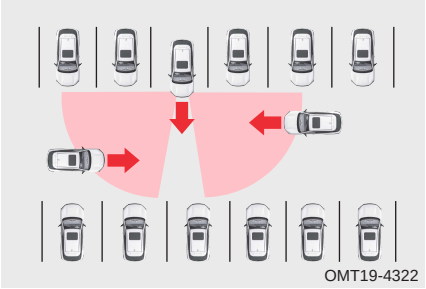
- Blind Spot Detection (BSD) system may detects stationary objects on or near a road (such as guardrails, tunnels, side walls, and parked vehicles) to turn on warning light.
- When towing or attaching accessories to rear of vehicle (such as a bicycle carrier), turn off BSD system. Otherwise, radar radio waves will be affected, causing system work abnormally.
- 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 system may not work.

Blind Spot Detection (BSD) system indicator

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

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

Rear Cross Traffic Alert (RCTA) System (If Equipped)


OMT19-4322

When vehicle power is turned to ON mode and vehicle is backed up (shift lever is in R position), BSD system 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 (If Equipped)

RCTB function sounds alarm to driver and assists in braking when encountering vehicles or pedestrians crossing the road when exiting a vertical/ inclined parking space. RCTB function can help driver avoid collisions with

vehicles or pedestrians crossing the road, especially if the driver's view is blocked by vehicles parked next to them.

Activation conditions for RCTB

- All doors are closed.
- Steering wheel angle is less than the threshold.
- Vehicle speed is lower than 9 mph (15 km/h).
- Vehicle is in reverse gear.

⚠ WARNING

- RCTB is a driving assistance function, 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.
- Certain scenarios will affect and weaken the detection of sensor, the system may perform unnecessary warning and braking, or fail to detect all obstacles.
- The area around sensor must not be modified in any way, it is recommended to turn off Rear Cross Traffic Braking (RCTB) System after modification, otherwise the system may perform brake unnecessarily.

Door Open Warning System (DOW) (If Equipped)

Door open warning system is used to detect the approaching vehicles and bicycles behind in both adjacent lanes through sensor, and send an alarm if there is a risk when opening door, to remind the driver and passenger that do not open the door at this time.

Activation conditions for door open warning function: In any gear position, vehicle is stationary.

■ Front door warning

When there is a vehicle entering the detection area and the alarm conditions are met, if front door on corresponding side is not opened, the outside rear view mirror "" indicator on corresponding side remains on; If front door is opened, the outside rear view mirror "" indicator on corresponding side blinks accompanied with sound alarm.

■ Rear door warning

When there is a vehicle entering the detection area and the alarm conditions are met, if rear door on corresponding side is not opened, the door indicator on corresponding side remains on; If rear door is opened, the door indicator on corresponding side blinks accompanied with sound alarm.

READ

Door open warning can be set in audio system. For details, refer to "Audio System".

CAUTION

- Door open warning system will be kept in operating condition (except for arming) within 5 minutes after vehicle is powered off. After unlocking from outside, door open warning system will also change to operating condition after any door is opened and closed.
- Do not open doors when indicator on outside rear view mirror or indicator on door is blinking, and open doors after confirming that there is no vehicle behind and it is safe.
- When distance between vehicle behind and your vehicle is short, an alarm will also be given if speed of vehicle behind is low and collision time between vehicle behind and your vehicle is less than specified value.
- When distance between vehicle behind and your vehicle is long, an alarm will not be given if speed of vehicle behind is high and collision time between quickly approaching vehicle behind and your vehicle exceeds specified value.

Rear Collision Warning (RCW) System (If Equipped)

After rear collision warning system is turned on, vehicle will send an alarm to remind driver when there is a vehicle approaching rapidly behind and there is a risk of collision with the vehicle.

Activation conditions: The vehicle shift position is not in R and the vehicle speed is 9 mph (15 km/h) or more.

READ

Rear collision warning can be set in audio system. For details, refer to "Audio System".

5-9. Automatic Emergency Braking System (AEB) / Front Collision Warning System (FCW)

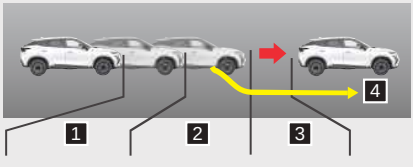
Automatic Emergency Braking System (AEB) / Front Collision Warning System (FCW) (If Equipped)

When vehicle is about to hit a vehicle or pedestrian ahead, 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.

OMT19-4141

Turn vehicle power to ON mode, and turn on the AEB/FCW in Audio System - Vehicle Settings - Driver Assistance Settings.

Activating AEB / FCW



OMT19-4140

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

Some configurations operate only for the vehicles, not for pedestrians and cyclists.

⚠ CAUTION

- When speed is less than 18 mph (30 km/h), FCW does not sound an alarm; When speed is more than 52 mph (85 km/h), FCW does not sound an alarm for static target ahead.
- Operating speed range of AEB is 2 - 38 mph (4 - 62 km/h) (some models are 2 – 29 mph (4 - 48 km/h)) for static vehicle target; Operating speed range of AEB is 2 - 52 mph (4 - 85 km/h) for moving vehicle target; Operating speed range of AEB is 2 - 40 mph (4 - 65 km/h) for pedestrians and cyclists (some models do not support).
- Driver need 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, FCW and AEB do not work.
- " " yellow indicator in instrument cluster remains on, please go to authorized service station for inspection and repair as soon as possible.
- Driver need to take over vehicle because vehicle does not keep stationary state when vehicle is braked automatically to stopped.
- During AEB is activated, 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 and operate as needed during the whole driving process to avoid danger.
- AEB only offers assistance to the driver. It may not work properly under all driving conditions, weather conditions, traffic conditions or road conditions.
- The vehicles that can be detected by AEB include passenger vehicles, buses, trucks. For some vehicles, such as such as cement tank trucks, special vehicles with higher or lower chassis, AEB has certain limitations in detecting.
- Automatic emergency braking system (AEB) can only play its best role when it detects characteristics consistent with normal walking, such as person's head, arm swing, leg swing, etc.
- AEB will work when it detects body and bicycle contour information as well as normal cycling movements; AEB does not detect an oncoming cyclist as target.
- AEB is not always capable of detecting vehicles, cyclists or pedestrians, and the system may generate unnecessary braking automatically or do not work for a variety of reasons; AEB is only a driving assist 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)

- 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.
- Driver controls speed and the distance from vehicle ahead according to weathers, road surface conditions, traffic conditions, etc.
- AEB does not react to animals, crossing vehicles, incoming vehicles, bicycles and pedestrians.
- System performance may be greatly limited for targets that cut into the lane quickly, targets that are detected after the vehicle changes lanes, and targets in curves.
- Fasten all seat belts and secure all loads to avoid danger when AEB is triggered.
- When AEB is malfunctioning, "" yellow indicator in instrument cluster remains on, please go to authorized service station for inspection and repair as soon as possible.
- When inspecting the vehicle using a drum tester, FCW and AEB should be turned off.
- 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.
- In some special circumstances, AEB may perform unnecessary warning and braking, such as crossing the track of the road, entering the underground car park turning, etc. Some circumstances will affect and weaken sensor detection, things like a tunnel, light of incoming vehicle, reflection of slippery road.
- 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 be exited. AEB performance may be reduced or its function fails due to sensor vibration or collision. In this case, please go to authorized service station 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. Traffic Jam Assist System (TJA) / Integrated Cruise Assist System (ICA)

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

Introduction

TJA / ICA detects land line through the front view camera to perform vertical and horizontal control for vehicle, providing driving assist and reducing driver's workload under monotonous driving environment or busy traffic.

Activate/deactivate function: When TJA/ICA is in pre-activating or activating state, short press TJA/ICA switch to activate/deactivate TJA/ICA.

Mode switching function: When ACC is in pre-cruising or cruising state, or when TJA/ICA is in pre-activating or activating state, long press TJA/ICA switch to switch between ACC and TJA/ICA modes.

If the TJA/ICA activation conditions are not met at this time, the "" gray indicator on instrument cluster remains on; if the TJA/ICA activation conditions are met at this time, the "" green indicator on instrument cluster remains on.

TJA is used when 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 to 80 mph (60 km/h to 130 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.

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

When it is pre-activated, "" gray indicator on instrument cluster remains on.

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

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

Function limit

TJA / ICA may not work properly in the following conditions:

- Any exiting condition for ACC exists.
- Overly narrow or wide lanes.
- Too small lane curve radius.

- Lane line is not detected.
- Driver rotates steering wheel actively.
- Hands off steering wheel.
- Turn signal light is turned on.
- Hazard warning light is turned on.
- Vehicle speed is less than 1 km/h.

⚠ WARNING

- TJA / ICA just offers assistance to you. It may not work properly under some driving conditions, weather conditions, traffic conditions or road conditions.
- The driver must control vehicle, operate as needed in the whole driving process.
- The system may not be available under special conditions (such as desert roads).

Recommended to use Traffic Jam Assist System (TJA)/Integrated Cruise Assist System (ICA)

When the Traffic Jam Assist system (TJA)/Integrated Cruise Assist system (ICA) monitors that the vehicle speed is higher than 37 mph (60 km/h), the current road line is clear and continues to exist, and the Adaptive Cruise Control system (ACC) is in cruising state, the " " green indicator on instrument cluster remains on. After a certain period of time, a pop-up screen on instrument cluster prompts "The road conditions are good, it is recommended to turn on intelligent cruise control".

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

When TJA/ICA exits from activating state, the system sends an alarm sound and a pop-up screen on instrument cluster prompts "Intelligent cruise control has exited, please pay attention" to inform the driver that the function has exited.

OMT19-4174

Turn vehicle power to ON mode, and turn on the intelligent cruise control exit reminder in Audio System - Vehicle Settings - Driver Assistance Settings.

If you feel that the exit reminder will interfere with driving, you can turn off this reminder according to your preference.

Precautions for traffic jam assist system (TJA) / integrated cruise assist system (ICA)

For using TJA / ICA, please read the following precautions carefully:

- TJA / ICA is a driving assist system, 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.
- Longitudinal control of TJA / ICA is performed by ACC, lateral control of TJA / ICA is performed by LKA, all precautions for ACC and LKA are also applicable to the system.
- TJA / ICA does not provide automatic driving function and does not allow hand off driving. Driver prepares control vehicle anytime to ensure safety under the conditions of turning, crossing, merging into one lane and vehicle ahead cutting.
- TJA / ICA performance is affected by weather, illumination and lane line definition, with significant performance degradation or even loss of function in the case of backlight, sunset, nighttime, road surface covered by snow and ice, and unclear lane lines due to surface worn.
- When TJA / ICA is malfunctioning, "" yellow indicator in instrument cluster comes on, at this time, TJA / ICA function fails, please go to authorized service station 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 assume full responsibility for vehicle control anytime.

5-11. Intelligent Avoidance System

Intelligent Avoidance System (If Equipped)

Introduction

Under active control of Traffic Jam Assist System (TJA) / Integrated Cruise Assist System (ICA) (i.e. driving in the lane), when the vehicle speed is 37 to 80 mph (60 to 130 km/h) and is about to overtake a larger vehicle (such as a truck, bus) in the adjacent lane, the system controls the vehicle to move laterally appropriately to keep it away from the large vehicle until overtaking is completed.

OMT19-4172

Turn the vehicle power to ON mode, and turn on intelligent avoidance system in Audio System - Vehicle Settings - Driver Assistance Settings.

5-12. Drive Away Information System

Drive Away Information System (If Equipped)

Introduction

Drive away information system allows user to relax and focus on other things other than driving when the vehicle is in line at traffic light-controlled intersections or congested roads, and assists the driver to resume driving in time when the traffic environment changes.

OMT19-4173

Turn the vehicle power to ON mode, and turn on drive away information system in Audio System - Vehicle Settings - Driver Assistance Settings..

■ If the vehicle is waiting in line at traffic light-controlled intersections or congested roads, when the following conditions are met, the system will sound an alarm and instrument cluster will display that the vehicle ahead is moving, which can remind the driver to resume driving:

- Detect that a vehicle ahead is leaving.
- The vehicle is stationary.
- ACC is not activated.

READ
When the vehicle is waiting in line, if another vehicle gets between the vehicle and the vehicle ahead, drive away information system abandons the original vehicle target and selects the new vehicle as the new target.

5-13. Tyre Pressure Monitoring System (TPMS)

Tyre Pressure Monitoring System (TPMS) (If Equipped)

Introduction

TPMS is an active safety configuration and can monitor pressure and temperature of tyre in real-time and the information can be checked through information display area. When tyre pressure is too low or temperature is too high, tyre pressure monitoring system alarms.

OMT19-4160

Steering wheel left combination button " ◀ " / right combination button " ▶ " can be used to switch to tyre pressure display screen.

When vehicle power is turned to ON mode, tyre pressure and temperature values will be displayed on instrument cluster.

When speed is more than 15 mph (25 km/h) for period of time, tyre pressure and temperature values will be displayed on instrument cluster in real-time; Vehicle power is turned from OFF mode to ON mode (without power-off), tyre pressure and temperature values will also be displayed on instrument cluster.

When speed is more than 15 mph (25 km/h), if TPMS has not received radio-frequency signal from one or more sensors after several minutes, system malfunction warning."(!)" yellow indicator on instrument cluster will come on.

READ
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

OMT19-4180

When vehicle power is in ON mode, and tyre pressure is less than low alarm threshold, system will warn for low pressure. During low pressure warning, corresponding wheel icon and current tyre pressure value will be will be displayed in red and "(!)" yellow indicator in instrument cluster remains on.

When low pressure warning occurs, please inflate the tyre to 220 kpa as soon as possible. After the vehicle is driven for a period of time at a speed greater than 15 mph (25 km/h), low pressure warning cancels automatically.

READ

- Low tyre pressure will increase fuel consumption and aggravate tyre wear. Serious tyre wear may cause a risk of tyre blowout.
- When tyre pressure is too low, inspect causes of air leakage. Contact the authorized service station for inspection and repair as soon as possible as needed.

High temperature warning

OMT19-4190

When vehicle power is turned to ON from OFF, and tyre temperature is higher than 85° C, system will warn for high temperature. During high temperature warning, corresponding wheel icon and current tyre temperature value will be displayed in red and "(!)" yellow indicator in instrument cluster remains on.

When warning for high temperature is activated, if tyre temperature is < 80°C, high temperature warning cancels automatically.

CAUTION

- When warning for high temperature, stop driving at once to cool down tyres naturally. Otherwise, accidents may be caused.
- When tyre temperature is too high, it cannot be cooled by pouring cold water, as this may damage the tyre, causing an accident.
- When tyre temperature is too high, please contact the authorized service station for inspection and repair as soon as possible as needed.

Function limit

TPMS may send system malfunction warning in the following conditions:

- Configuration learning of tyre pressure monitoring system is not performed after replacing wheels (spare tyre included).
- Sensor may be affected due to electromagnetic shielding caused by installing tyre chains, affecting proper operation of TPMS.
- Tyre pressure sensor or other components have been damaged, please contact the authorized service station for inspection and repair as soon as possible as needed.

- 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).
- TPMS may not work properly due to interference of electronic equipment (-over standard equipment) installed on vehicle, resulting false alarm.

5-14. Driver Monitoring System (DMS)

Driver Monitoring System (DMS) (If Equipped)

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 station 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.

5-15. Parking Assist System

Rear View Camera Display System (RVC) (If Equipped)

Introduction

RVC system 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.

Note: Please refer to the actual vehicle for all display images.

OMT19-4200

Move shift lever to R to enter RVC screen, and the screen will display the RVC 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.

⚠ CAUTION

When the RVC system is turned on, the host displays the RVC system interface. When the host detects that the system or one or more cameras are malfunctioning, the corresponding single-side view and bird's-eye view will appear black screen display and corresponding text or icon prompts. At this time, the RVC system may not be used normally, and the black screen fault may occur in the following scenarios:

- Do not use high-pressure water or steam to rinse the camera sensor area, otherwise water or steam will enter the camera and condense on the lens, causing blurred images or even causing a short circuit in the camera, resulting in a black screen phenomenon in the camera image.
- Do not tap or bump the camera in any way. Severe tapping and bumping may cause the camera position to deviate or the device to be damaged, which may cause the camera interface to appear misaligned or black screen.
- Non-professionals should not disassemble camera equipment. If there is a poor connection between the vehicle and the rear view camera display system, the camera may appear black screen.
- If the black screen occurs in the camera during heavy rain, please check whether water enters the camera installation position. If water enters through the gap of the connector, a short circuit may occur in the around view monitor, which may cause the camera screen to go black.
- When other electrical equipment is working at full load, the rear view camera display system may be affected by voltage fluctuations, which may cause the camera screen to go black. You can try to disconnect other electrical equipment and restart the vehicle to restore the normal use of the camera function.

The above scenario does not fully cover all the situations where the RVC system has a black screen display fault. In order to ensure the normal use of the function, when the system has a black screen fault, go to the local after-sales service center as soon as possible for inspection and repair.

⚠ WARNING

- When reversing, make sure that back door is firmly closed.
- Due to the limited monitoring range, RVC system cannot view the bottom and corners of bumper.
- Because rear camera use wide-angle lens, object distance displayed on RVC may appear different from the actual distance.
- 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.
- 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.
- Never hit the lens. It is a precise instrument. Hitting the lens may lead to malfunction or damage, causing a fire or electric shock.
- 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.
- When reversing, always pay extra attention to surrounding children, small animals and objects, because they cannot always be detected by camera.
- Never distract your attention from surrounding traffic due to images on display.

Around View Monitor System (AVM) (If Equipped)

Introduction

AVM system collects the surrounding view image of the vehicle through four cameras and displays the surrounding view and land 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.

OMT19-4220

Installation position of left / right cameras: located at the bottom of left / right outside rear view mirrors.

OMT19-4230

Installation position of rear camera: located on center part above rear license plate.

Usage method

OMT19-4240

■ Entering panoramic view monitor

Turn vehicle power to ON mode, and vehicle speed is 12 mph (20 km/h) or less:

Shift the shift lever to R position to enter AVM system.

It enters AVM system when turning with large angle (it is necessary to turn on activate panoramic view monitor when turning in panoramic view monitor setting).

It enters AVM system when turning on left / right turn signal lights (it is necessary to turn on activate panoramic view monitor when operating turn signal lights in panoramic view monitor setting).

■ Exiting panoramic view monitor

When speed is more than 18 mph (30 km/h), it exits the AVM system.

After turning vehicle power to OFF mode, it exits the AVM system.

When AVM system is entered by receiving parking radar obstacle distance signal, move shift lever to N / P position or there is no obstacle distance information, after delaying 15 seconds, it exits the AVM system.

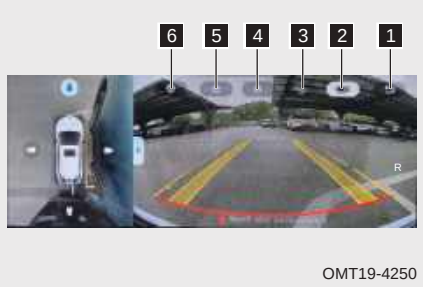
When AVM system is entered by R position, move shift lever out from R position to exit the AVM system after delaying 15 seconds.

When AVM system is entered by panoramic view monitor switch, click the switch again to exit the AVM system.

When AVM system is entered by left / right turn signal lights, turn off left / right turn signal lights to exit the AVM system.

⚠ WARNING
The AVM system provides driving assistance convenience, but the object in the image does not reflect the actual size and obstacle distance. Compared to 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



1 Back button

When gear position is not in R, it is possible to exit AVM system using back button.

2 Unilateral + birds-eye view button

Unilateral view of front / rear / left / right + splicing view and unilateral view can be switched.

3 3D view + birds-eye view button

Click the specific view angle button around the bird's-eye view of vehicle to switch the corresponding 3D view. 3D view can be switched to any view angle by sliding.

4 Front wide angle view button

Perform distortion correction on front views and splice them into a wide angle view.

5 Rear wide angle view button

Perform distortion correction on rear views and splice them into a wide angle view.

6 Setting button

Click to pop up the setting item menu.

Note: Please refer to the actual vehicle for all display images.

READ

The AVM system is very helpful for parking and safety driving. It is recommended that you should be familiar with this function in advance in an open and convenient area.

CAUTION

- Do not scratch the lens when cleaning dirt or snow on the camera surface.
- Before using AVM system, make sure to extend outside rear view mirrors and close the back door firmly.
- The object distance seen from the AVM system is different from the actual distance.
- Do not place any object on the camera of AVM system.
- The AVM system 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 system.
- The AVM system 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 settings

OMT19-4260

[AVM Start Animation]: When driver enters the AVM system for the first time by panoramic view monitor button, panoramic view starting screen will be displayed.

[Steering dynamic guidelines]: When steering wheel angle is more than 190°, 3D view of rear left side or rear right side of vehicle will be displayed.

[Auto Zoom View]: Enter nearby view automatically based on obstacle distance.

[Door Opening Warning]: Remind the status of engine compartment, moon roof, four doors and luggage compartment.

[Vehicle Trajectory Display]: Move shift lever to R to enter panoramic view monitor, load static / dynamic lane guideline and wheel track line.

[PDC Display]: Turn on parking radar display.

[Transparent vehicle Body]: Set transparency of the vehicle model.

[Reset Default Settings]: Reset default settings.

⚠ CAUTION

When the AVM system is turned on, the host displays the AVM system interface. When the host detects that the system or one or more cameras are malfunctioning, the corresponding single-side view and bird's-eye view will appear black screen display and corresponding text or icon prompts. At this time, the AVM system may not be used normally, and the black screen fault may occur in the following scenarios:

- Do not use high-pressure water or steam to rinse the camera sensor area, otherwise water or steam will enter the camera and condense on the lens, causing blurred images or even causing a short circuit in the camera, resulting in a black screen phenomenon in the camera image.
- Do not tap or bump the camera in any way. Severe tapping and bumping may cause the camera position to deviate or the device to be damaged, which may cause the camera interface to appear misaligned or black screen.
- Non-professionals should not disassemble camera equipment. If there is a poor connection between the vehicle and the rear view camera display system, the camera may appear black screen.
- If the black screen occurs in the camera during heavy rain, please check whether water enters the camera installation position. If water enters through the gap of the connector, a short circuit may occur in the around view monitor, which may cause the camera screen to go black.
- When other electrical equipment is working at full load, the rear view camera display system may be affected by voltage fluctuations, which may cause the camera screen to go black. You can try to disconnect other electrical equipment and restart the vehicle to restore the normal use of the camera function.

The above scenario does not fully cover all the situations where the AVM system has a black screen display fault. In order to ensure the normal use of the function, when the system has a black screen fault, go to the local after-sales service center as soon as possible for inspection and repair.

Parking Radar System

Introduction

Parking radar system is a radar detection device, adopts radar sensors (6 sensors) to detect if there are obstacles in front / rear of vehicle and distance from obstacles. The driver is prompted by the audio system, sound alarm, etc., so as to assist the driver to park safely and easily.

Usage method

OMT19-4061

Turn vehicle power to ON mode, press parking radar switch or shift lever is moved to R position, parking radar system is activated, each time the parking radar system is activated, if the parking radar system is normal, it alarms for 0.5 s, parking radar system status indicator comes on and system starts detecting distance at the same time; When a radar sensor detects an obstacle, audio system will display distance from obstacle (red, yellow, green areas) accompanied by alarm sound.

When vehicle is traveling forward and the reversing radar system is activated, when vehicle speed is > 9 mph (15 km/h), the reversing radar system front and rear sensors stop working. If vehicle speed is < 9 mph (15 km/h), the parking radar system does not recover, the parking radar system can be turned on / off by pressing parking radar switch.

Note: If there are malfunctions in parking radar system, it will sound 2s in long tone, and then keep displaying failure information until it is solved.

READ

- Only models with 6/8 sensors are equipped with parking radar system switch.
- Monitoring distance is the shortest vertical distance between obstacle and radar sensor.
- Under activating state of front radar, when applying parking brake or shift lever is in P position, audio head unit will only display arc information, and audio head unit prompt does not sound.
- For models with 6/8 sensors, move shift lever to R position to activate parking radar system (whether or not 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 the detection range, radar sensors do not give a warning.
- When 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 conditions:

- When vehicle is on a steep slope.
- When driving in snow or in rain.
- Low objects such as rocks, etc. cannot be detected.
- Objects that are higher than bumper cannot be detected.
- Thin objects such as wires, fences and ropes, etc. cannot be detected.
- When vehicle is equipped with a high frequency radio or antenna is in use.
- When radar sensor surfaces are frozen, they will not detect any obstacle.
- When radar sensors are covered by dirt, snow or mud, they may not detect obstacles.
- Objects that easily absorb ultrasonic waves such as soft snow, cotton, sponge, etc. cannot be detected.
- When there is noise near the vehicle, such as vehicle horns, motorcycle engines, air brakes of large vehicles, or other loud noises producing ultrasonic waves.
- 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

OMT19-4290

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, as this may cause radar sensor to fail to operate normally.

If the buzzer does not sound when reversing, please check the followings:

- If there is foreign matter on the surface of radar sensor.
- Radar sensors cannot detect wires and fences. Check if radar sensor surface is frozen.
- If the vehicle has been parked for a long time in hot or cold weather.
- If cause cannot be found, please contact authorized service station for inspection and repair as soon as possible.

5-16. Braking Force Control System

Integrated Braking Force Control System

Integrated braking force control system is an advanced decoupling electro-hydraulic brake system, which can provide the vehicle with power as "it needs" according to the driver's braking requirement, enhancing vehicle stability and comfort.

Braking feeling

Integrated braking force control system is equipped with two kinds of braking feeling (comfort/sport), which is used to adjust brake pedal feeling. The relationship curve between brake pedal depth and vehicle deceleration is different in different modes, and the driver can select preferred style of braking feeling.

OMT19-4130

Turn vehicle power to ON mode, and turn on Brake Sensation Mode Related Driving Mode through Audio System - Vehicle Settings, and brake sensation mode can be set separately (Comfort/Sport) after turning off.

READ

Braking feeling can be associated with driving mode. After association, the braking feeling is Mid in the vehicle normal mode/ECO mode, while the braking feeling is Sport in vehicle sport mode; After disassociation, braking feeling can be set to Mid/Sport separately.

Comfort Stop (CST)

When vehicle decelerates and stops in non-emergency situations, integrated braking force control system reduces the suspension tilt and impact at the moment of stopping by controlling braking pressure of four brakes, so as to provide the driver with the feeling of smooth stopping.

OMT19-4131

Turn vehicle power to ON mode, and turn on Brake pitch control and set sensitivity (low/high) through Audio System - Vehicle Center - Vehicle Settings.

Electronic Stability Program System (ESP)

Introduction

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.

Usage method

OMT19-4300

Press ESP OFF switch on the audio system to turn off ESP; Press ESP OFF switch again to turn on ESP.

READ

- When driving vehicle for the first time, ESP is on by default.
- ESP cannot be turned off during operation.

Electronic stability program system (ESP) indicator

When ESP is turned off, "OFF" yellow indicator in instrument cluster remains on.

When ESP is operating, "" yellow indicator in instrument cluster blinks.

When ESP is malfunctioning, " " yellow indicator in instrument cluster remains on.

READ

Replacing the non-full size spare tyre will cause the electronic stability program system (ESP) abnormal alarm, it will automatically return to normal when driving 1 km after replacing the normal size tyre.

WARNING

- When ESP is malfunctioning, please go to authorized service station for inspection and repair as soon as possible.
- Even when ESP is working, high speed driving, sharp turns or poor road conditions can cause accidents.
- ESP function does not completely ensure that you can take over vehicle if it has lost control due to 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, Electronic Stability Program System (ESP) needs to be turned off:

- When driving with tyre chains.
- When starting vehicle on power tester.
- When driving on roads with deep snow or loose gravel.

READ

To improve vehicle traction when driving on sand or gravel, it is recommended to turn ESP off.

Anti-lock Brake System (ABS)

Introduction

ABS can prevent wheel from being locked in excessive braking or braking on a 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.

⚠ CAUTION

- Always drive carefully and make sure to decelerate during turning.
- When ABS is malfunctioning, please go to authorized service station 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.

⚠ WARNING

- Also, ABS cannot eliminate risks arising from close-following driving, driving through water, 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 shortened 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 a fault in ABS, " (ABS) " yellow indicator in instrument cluster remains 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 major traffic and go to authorized service station for inspection and repair immediately.

Function limit

■ ABS will make operation sound in following conditions:

- Rebounding sound of brake pedal.
- Impacting sound between suspension and vehicle body due to emergency braking.
- Operation sound of motor, solenoid valve and return pump in hydraulic unit.
- Operation sound of solenoid valve when EBD is intervened in braking.

- 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:

- When driving on rough roads.
- When driving on roads with potholes or uneven surfaces.
- When driving with tyre chains.
- When driving on dirt, gravel or snow-covered roads.

⚠ CAUTION

Tyre size and tread pattern wear will seriously affect ABS performance. Replacement tyres should have same size, load capacity and structure as original one. When a tyre is faulty, it is recommended to replace with a original brand at a authorized service station.

⚠ WARNING

- When driving on rainy days, properly control the vehicle speed, because if the 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

Electric 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 round a corner, brake force of inside and outside wheels can be adjusted to improve braking stability.

Brake assist system (BAS)

Generates an increased level of braking force after the brake pedal is depressed when the system detects a panic stop situation.

5-17. Data Privacy

We are 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 recording use the vehicle's external cameras to learn how to recognize things like lane lines, street signs and parking signs and traffic lights.

⚠ 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.

We collect this data to fulfill our legal obligations outlined in vehicle security regulations.

5-18. Hybrid Electric Vehicle

HEV vehicle uses the motor and the gasoline engine as power source, and the motor is powered by the internal high voltage power battery and/or the internal generator. The engine or the generator driven by the regenerative brake charges the high voltage power battery.

When driving, the vehicle can be driven separately by the motor or the gasoline engine, or by both of them. The system will select the most appropriate drive method and switch automatically.

■ Energy efficiency

Like the gasoline vehicle, driving style has the greatest impact on the fuel efficiency and form distance of hybrid vehicle. Sudden acceleration and high speed driving can trigger the system easily to switch the drive to the gasoline engine.

In addition, the high load use of (automatic) air conditioning system can also have adverse impact on the driving mileage and efficiency of the vehicle. The above vehicle usage methods will quickly consume the high voltage power battery.

■ Battery type

This vehicle uses two types of batteries: One is a standard 12 V battery, which is responsible for supplying power to airbag, interior and exterior lights as well as other standard 12 V systems; Another type is a high voltage power battery, which is responsible for supplying power to the drive motor and charging the 12 V battery.

Main Part of HEV

1	High voltage power battery	It provides power storage as the power supply of the motor. Understanding the characteristics of high voltage power battery can help to control electric vehicle better and achieve longer sustainable driving distance (driving distance).
2	Gasoline engine	It runs the generator and drives the wheels directly under certain conditions.
3	Generator (In the transmission)	When the generator is driven by the gasoline engine, start the engine and generate electric energy, it can supply power to the motor and charge the high voltage power battery.
	Motor (In the transmission)	Under certain conditions, the motor works with the gasoline engine to provide wheel drive force and supplies power to the high voltage power battery through regenerative brake.

ENVIRONMENTAL PROTECTION

High voltage parts should be disposed or recycled according to the local regulations and provisions regarding environmental protection.

⚠ CAUTION

- Never tow the vehicle at high speed when drive wheels are on the ground.
- It is forbidden to manipulate motor controller on high-speed bench without power/water. Never drag the motor to reverse at high speed with high-speed dynamometer bench or carry out similar experiment such as towing at high speed.

⚠ WARNING

- Personnel without high-voltage technical qualification are not allowed to tough, repair or replace high voltage components or high voltage wire harness.
- In case of traffic accident, do not touch any component and high voltage wire harness in the illustration to avoid the second personal injury.
- For towing of plug-in hybrid electric vehicle, it is strongly recommended that you seek help from professional rescuer or the authorized service station.
- 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.

Operating Mode

Operating Mode	Driving State	Hybrid Vehicle (HV)	Engine (Drive Directly)	Regeneration
Driving State	Stop or drive at low speed: Only the motor provides power for wheels	When driving under high load conditions (- such as: During acceleration or uphill): • The motor provides the drive force to wheels • The gasoline engine drives the	Drive at high speed with low load: • The gasoline engine provides the drive force to wheels. • The high voltage power battery supplies power to the motor to	When accelerator pedal is released and the vehicle decreases: The motor supplies power to the high voltage power battery through the regenerative brake.

		generator, supplies power to the motor to increase the drive force, or charges the high voltage power battery.	increase the drive force. • The motor supplies power to the high voltage power battery through the regenerativ-e brake.	
Motor	Stop/ operation	Operation	Electricity generation/ operation	Regeneration
Generator	Stop	Electricity generation	No output	Stop/no output
Engine	Stop	Operation	Operation	Stop/no output
High Voltage Power Battery	Discharging	Charging/ discharging	Charging/ discharging	Charging

Unique Sound of HEV

When you start driving this vehicle at first, you may hear some unfamiliar sounds, especially when you just turn on the power supply system, during driving and just after parking the vehicle. Some sounds are unique to the power system, fuel system, and (automatic) air conditioning system of this vehicle; Other sounds are similar sounds made by the traditional gasoline vehicle, which are usually covered by louder noise in the traditional gasoline vehicle, while this type of hybrid vehicle does not have such noise. These sounds do not cause any problem, and you will soon get used to them. If new or abnormal noise appears, you can also sense it.

After turning off the engine, you may hear certain noises coming from the vehicle, which is normal.

Regenerative Energy and Regenerative Brake

When regenerative brake works: When the accelerator pedal is not depressed or the brake pedal is depressed for deceleration, or when going downhill, the motor will work as a generator, and will recover some electric energy to drive the vehicle. This regenerative brake slows down the vehicle in a manner similar to the engine brake of gasoline vehicle.

Engine Auto Start/Stop

The gasoline engine of this vehicle automatically stops running when the vehicle is working or restarts under appropriate conditions when the vehicle is stationary. But in the following situations, the engine auto stop function may not be activated:

- The vehicle temporarily needs additional power during sudden acceleration, uphill or driving at high speed.
- When using (automatic) air conditioning system with high load.
- The temperature of high voltage power battery is high or low.
- High voltage power battery is too low.

Power Battery

Basic information of power battery

The power battery is the power and energy source of vehicle and can be charged and discharged repeatedly. The power battery can be charged by means of energy recovery when braking or coasting.

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 station for inspection.

Do not use electrical appliances of vehicle for a long period of time with vehicle powered ON. When low power battery is prompted, start the vehicle in time and use the engine to charge it, otherwise the vehicle may not start due to power battery loss; When vehicle cannot start due to serious loss of power battery, please contact authorized service station.

Pre-driving inspection

- When driving the vehicle for the first time or after a long period of parking, the SOC displayed on instrument cluster may have a deviation. It is recommended to allow the vehicle to idle for 10 minutes after starting. Once all systems are confirmed to be normal, the vehicle can be used normally.
- Before starting the vehicle, check its condition and ensure that there are no pungent, burning, or other abnormal odors around the vehicle.
- After starting the vehicle, first confirm that no power battery warning messages are displayed on the instrument cluster, then check the remaining battery level. If the SOC is below the lower limit (45% - 60%), restart the engine to recharge the battery to the specified range.
- If the vehicle cannot start normally, contact the authorized service station for inspection.

Normal driving

Due to the influence of electrochemical characteristics of battery itself and for the purpose of protecting the power battery, it is normal that there are some differences in the performance of vehicle under the following conditions:

- The regenerative braking performance of the vehicle is reduced when the power battery is at a high SOC and strengthened as SOC decreases. During this process, there is a transitional phase where regenerative braking performance increases.
- The acceleration performance of the vehicle will be weakened when the power battery is in low charge.
- Reduced power performance may occur when driving in high-temperature or low-temperature environments.

Battery operating temperature range (except under special circumstances): -35°C to 60°C.

To ensure long-term performance, avoid continuously exposing the vehicle to an environment with a temperature exceeding 60°C or below -30°C for more than 24 hours.

At a low battery level, start the engine to recharge the battery. This ensures good acceleration performance and prevents the battery from being depleted. Refer to the following requirements to ensure the proper operation of the power battery:

- Driving habits:
  - This hybrid electric vehicle (HEV) delivers excellent power performance under normal driving conditions. Under extreme operating conditions (-such as frequent sudden acceleration and deceleration), the high-power battery generates excessive heat due to high-current rapid charging and discharging, triggering the thermal protection function that limits the output power. At this time, the vehicle will be driven mainly by the engine, and the power performance will be correspondingly reduced. For a better driving experience, it is recommended that you avoid frequent aggressive driving behaviors as much as possible.
  - Maintain a steady speed and drive in accordance with traffic signals, or use traffic-free thoroughfares. Keep an appropriate following distance from the vehicle ahead to avoid sudden braking, which also reduces brake wear.
  - Maintain an appropriate speed when driving on the highway. The higher the speed, the greater the fuel consumption.
- Road conditions: Bumpy roads or long uphill roads will result in shorter driving mileage compared to flat and dry road conditions.

When driving down long, steep slopes, reduce speed and shift to a lower gear. Frequent braking can cause the brake disc to overheat, leading to vehicle malfunction.

- Temperature: Low temperature environment will result in shorter driving mileage compared to room temperature environment.
- Usage of electrical appliances and loading conditions:
  - Turning on the A/C places an additional load on motor, resulting in increased power consumption. Turn off the A/C to reduce power consumption. When the outside temperature is moderate, use the outside air mode for ventilation.
  - Avoid loading unnecessary heavy items in the vehicle. Excessive heavy loads will increase load of the vehicle, leading to higher power consumption.

The power battery is located at the bottom (or other positions such as inside or on top) of the vehicle. If the power battery is mounted at the bottom, the driver should be vigilant against road surface obstructions compressing or impacting the bottom of the power battery. Avoid driving on uneven or complex road surfaces. Hard protrusions on the road surface must not exceed the ground clearance of the vehicle.

⚠ CAUTION
If an abnormal power battery SOC is detected,contact the authorized service station for inspection.

Vehicle storage

- Do not store the vehicle in an environment higher than 40℃ for more than 15 days, as this will degrade the service life of the power battery.
- During storage, keep the vehicle away from direct sunlight and heat sources. Prolonged direct exposure to sunlight should be avoided, as this will also shorten the service life of power battery.
- To ensure the safety of the vehicle (power battery), safety signs such as "No Smoking or Open Flames" must be prominently posted in the storage warehouse. The vehicle should be stored away from flammable, explosive materials, fire sources, and other hazardous chemicals. The storage area must also be equipped with fire-fighting equipment.
- It is recommended to start the vehicle and drive it moderately once a month to maintain the power battery performance.
- The storage environment must be free of corrosive substances. Liquid or gaseous oils, corrosive solvents, and other such substances are prohibited from contacting the battery, as they may damage structure and electrical performance of the battery.

- Before storing the vehicle, confirm if there are power battery warning messages on instrument cluster. If a warning is present, contact the authorized service station for inspection in time.
- Before storing the vehicle, first check the dashboard for any power battery alarm messages and verify the remaining battery level indicator on the dashboard. If the SOC falls below the 1/3 mark, it is recommended to start the engine to charge the battery to a certain SOC level. Otherwise, it may degrade battery performance or even cause damage, and any resulting vehicle malfunctions or damage will not be covered by the warranty.
- If the vehicle has been parked in a high-temperature environment, it is recommended to use a gentle driving mode when starting off. This prevents the power battery system from triggering over-temperature protection.
- For prolonged parking in winter, store the vehicle in an underground garage, heated garage, or similar enclosed area. This minimizes battery heat loss and ensures optimal vehicle performance when reused.

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 station.

1. The temporary recycling service station for vehicle used power battery is the local authorized service station.
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 station.

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 station 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.

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.

5-19. 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.

IN CASE OF AN EMERGENCY

6-1. Emergency Call Function

ECALL (If Equipped)..... 204

6-2. Basic Knowledge of Vehicle Emergency

Hazard Light..... 204

Reflective Strip 205

Warning Triangle..... 205

Spare Tools (If equipped) 206

6-3. Vehicle Emergency Handling

If You Have a Flat Tyre (-Tyre Repair Liquid)..... 206

If Engine Coolant Temperature is High 210

If Battery is Depleted 211

If Your Vehicle Cannot Start Normally..... 213

6-4. Towing

Towing Hook (If Equipped) 214

Towing Vehicle..... 214

Installing Towing Eyelet..... 216

Emergency Towing..... 217

6-5. Fuse

Fuse Box 218

Checking Fuse..... 219

Replacing Fuse..... 219

6-1. Emergency Call Function

ECALL (If Equipped)

OMT19-5281

Manual activation: When required to report a serious accident, or require emergency help, manually press the SOS button.

Automatic activation: In case of an accident, which requires airbags to be activated, the vehicle will automatically contact emergency services and communicate standard information to a Public Safety Answering Point (PSAP).

READ

- Information communicated to the PSAP includes: vehicle type, number of seated passengers detected in the vehicle, GPS coordinates, and the VIN.
- Emergency call services are not available in all countries or regions.
- Emergency call only operates over a mobile network with an adequate signal.

6-2. Basic Knowledge of Vehicle Emergency

Hazard Light

OMT19-5020

In case of vehicle failure or traffic accident etc., please turn on the hazard lights to warn other vehicles, so as to avoid the secondary accident.

Press hazard light switch, turn signal lights flash and the turn signal indicator on instrument cluster flashes at the same time; Press the switch again, turn signal lights and turn signal indicator will go out.

READ

- The interior designs are different depending on the configuration of the vehicle. Please refer to the actual vehicle.
- The hazard lights can still work when the vehicle power is turned to OFF mode.
- The hazard lights are automatically activated when the airbag is operating.
- The hazard lights will work when vehicle speed is 31 mph (50 km/h) or higher and ABS enters full cycle.

CAUTION

To prevent battery from being depleted, do not turn on the hazard lights more than necessary when the engine is not started.

Emergency braking alarm function

When brake pedal is depressed in emergency at higher speed, the lights and turn signal 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 indicator on instrument cluster will stop flashing.

Reflective Strip

OMT19-5030

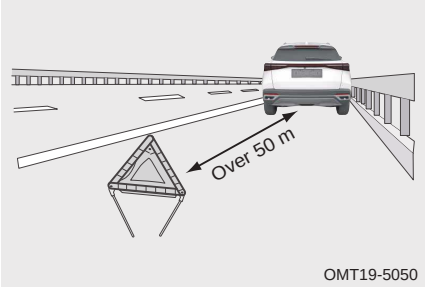
The reflective strip is placed in the glove box.

In case of vehicle failure or traffic accident etc., wear the reflective strip with reflective strip facing outwards. It can warn other vehicles to avoid secondary accidents.

Warning Triangle

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.

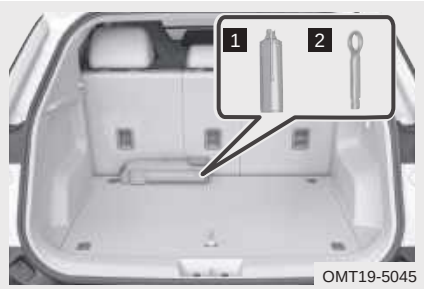


Place the warning triangle at a distance of more than 50 m behind the vehicle on a normal road.

Place the warning triangle at a distance of more than 150 m behind the vehicle on the highway.

Place the warning triangle at a distance of over 150 m behind the vehicle in rain or when steering.

Spare Tools (If equipped)



1 Automatic inflation tyre repair liquid

2 Towing eyelet

READ

Some models are equipped with tyre pressure gauge, fire extinguisher and first-aid packet.

6-3. Vehicle Emergency Handling

If You Have a Flat Tyre (Tyre Repair Liquid)

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.

1. 1. Preparations before using automatic inflation tyre repair liquid.

Step 1: Stop vehicles on solid, level ground;

Step 2: Apply the parking brake and shift the shift lever to P;

Step 3: Turn vehicle power to OFF mode, and turn on hazard lights;

Step 4: Have everyone get out of vehicle, pull over and stay away from traffic;

Step 5: Wear reflective vest, and place the warning triangle at a distance of 50 m - 150 m behind the vehicle (depending on actual condition).

⚠ CAUTION
Do not continue driving with a flat tyre. Driving even a short distance with a flat tyre can damage the tyre beyond repair.

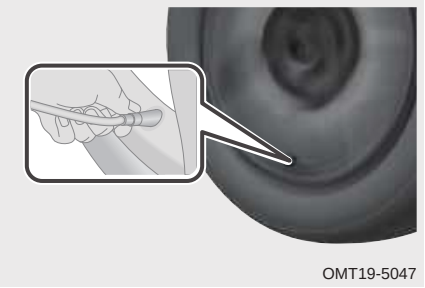
2. Use the automatic inflation tyre repair liquid.

OMT19-5043

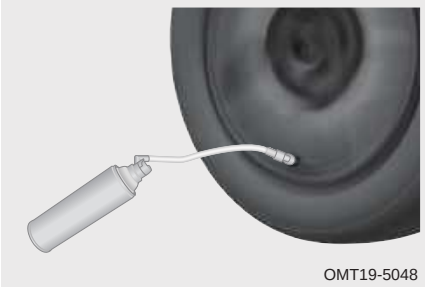
Step 1: Open back door, lift the luggage compartment carpet and take out the automatic inflation tyre repair liquid;

OMT19-5046

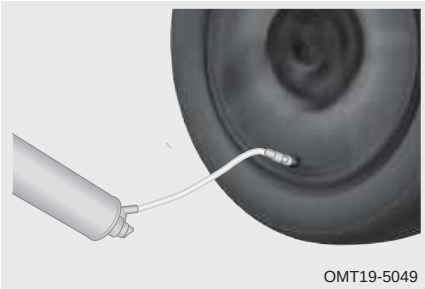
Step 2: Shake the automatic tyre filler well before use, and then tear off the safety belt of the junction valve;


OMT19-5047

Step 3: Tighten the junction valve of the automatic inflation tyre repair liquid to the tyre valve;



Step 4: Turn the red valve clockwise and place the bottle upside down to start inflating the tyre;



Step 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 authorized service station or professional tyre repair shop for repair and replace as soon as possible.

Note: 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 authorized service station or professional tyre repair shop for repair and replace as soon as possible.

READ

- 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.
- The automatic inflation tyre repair liquid is a disposable consumable (for one wheel only), you can go to authorized service station for purchase.

⚠ 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 authorized service station 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 authorized service station 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 vehicle 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 the hood when there is no steam or coolant overflow or leakage, otherwise, burns may occur;

Step 6: Check the coolant level. If it is normal, it may be caused by the failure of radiator fan. Please contact authorized service station for inspection and repair immediately;

Step 7: Check the coolant level. If it is low, please contact authorized service station for inspection and repair immediately.

READ
If the coolant level is low, water can be used temporarily, please go to authorized service station to replace coolant as soon as possible.

CAUTION
If engine overheats frequently, please contact the authorized service station for inspection and repair immediately.

If Battery is Depleted

Jump-starting

Step 1: Turn vehicle power to OFF mode, and connect jumper cables;

1 Connect one end of positive cable to positive terminal (+) of battery of discharged vehicle, and the other end to the positive terminal (+) of battery on rescue vehicle.

2 Connect one end of negative cable to negative terminal (-) of battery on rescue vehicle, and the other end to unpainted metal part of discharged vehicle.

Step 2: Start the engine of rescue vehicle, slightly increase engine speed and maintain for approximately 5 minutes to temporarily charge the battery of discharged vehicle;

Step 3: If the discharged vehicle is still unable to start, check whether the jumper cable is connected normally, and then charge the battery;

Step 4: Once the engine is started on discharged vehicle, remove jumper cables in the reverse order of connection (negative cable first and then the positive cable).

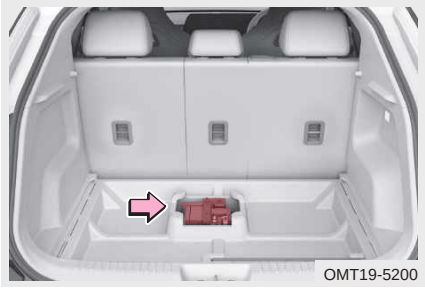
⚠ CAUTION

- Do not jump start unless you are sure that the battery voltage for jumper starting is 12 to 13 V.
- If the battery is lack of power frequently, please go to authorized service station for inspection and repair as soon as possible.
- The negative terminal of battery on rescue vehicle should not be directly connected to negative terminal of battery on discharged vehicle.
- When connecting and removing jumper cables, ensure that they do not become entangled in fan, belt, etc.
- Ensure that the jumper cables are properly connected and keep a certain distance between terminals, to prevent the jumper cables from touching each other or touching other metal parts of the vehicle.
- Before turning off vehicle power or locking the vehicle, make sure that the electrical appliances of vehicle are turned off, to prevent the vehicle from being unable to start normally due to battery power loss.

⚠ WARNING

- The specified jumper cables should be used.
- Do not smoke, use matches, cigarette lighters or allow open flame near the battery.
- If you are unsure about how to follow the procedure, strongly recommends that you seek help from professional serviceman or authorized service station.

Replacing battery


OMT19-5200

Step 1: Vehicle power is turned to OFF mode.

Step 2: Open the hood;

Step 3: Remove the negative (-) battery terminal cable;

Step 4: Remove the positive (+) battery terminal cable;

Step 5: Remove the battery holder and the battery;

Step 6: Install a new battery that has the same specification as the used one;

Step 7: Install the new battery properly in the reverse order of removing.

ENVIRONMENTAL PROTECTION

Battery contains acid which is poisonous and corrosive. Please deal with it according to the local regulations and provisions regarding environmental protection.

⚠ CAUTION

While removing battery, be careful to avoid the metal tool contacting with both battery terminals or touching the positive (+) battery terminals and body at the same time.

⚠ WARNING

- Do not leave battery within the reach of children.
- Do not smoke, use matches, cigarette lighters or allow open flame near the battery.
- Always wear gloves and safety glasses during operation, as battery contains acid which is poisonous and corrosive. Do not lean the battery.
- If acid spills on your skin or clothes, the liquid must be neutralized with alkaline water (such as: soap) immediately, and then wash it with clean water. Get emergency medical attention immediately if necessary.

If Your Vehicle Cannot Start Normally

If your vehicle cannot start normally, first make sure you have followed the correct starting procedures and check if fuel is sufficient.

■ Starter speed is too low, but vehicle cannot start normally

Step 1: Check if battery terminals are tight and clean;

Step 2: Turn on headlights. If the light is dim, it indicates that the battery is discharged. Please try jump starting;

Step 3: Try to start engine again, if it still cannot start normally, the starting system may be malfunctioning. Please contact authorized service station for inspection and repair immediately.

■ Starter speed is normal, but vehicle cannot start normally

Step 1: Turn vehicle power to OFF or ACC mode, try to start the engine again;

Step 2: If the engine still cannot be started normally, it may cause excessive fuel in cylinder due to repeat starting. Turn vehicle power to OFF mode, try to start engine again after a few minutes;

Step 3: Try to start engine again, if it still cannot start normally, please contact authorized service station for inspection and repair immediately.

⚠ CAUTION

- To avoid damage to the starter, starting operation should not exceed 15 seconds each time.
- If vehicle becomes difficult to start or stalls frequently, please go to authorized service station for inspection and repair as soon as possible.

6-4. Towing

Towing Hook (If Equipped)

Use a suitable towing hook when towing a trailer. It is recommended to use the original towing hook. To ensure a smooth towing experience, the original hole drilled by vehicle manufacturer should be used. For more information, please consult professional maintenance personnel.

Towing hook mounting point

Vertical load: maximum 75kg.

Maximum allowable rear overhang 978.8mm.

Horizontal traction 1000kg.

READ

When towing , do not use the following safety systems (these systems may automatically turn off if original towing hook is used):

- Blind Spot Monitor (BSM) system
- Rear Cross Traffic Alert (RCTA) system
- Parking assist system (rear)

For details about the installation process, consult the authorized service station.

The towing hook can be used by vehicle pulling another that is not roadworthy.

CAUTION

Damage caused by towing a trailer is not covered by the warranty.

WARNING

When towing , the original towing hook must be used. Do not attempt to use other types of towing hook.

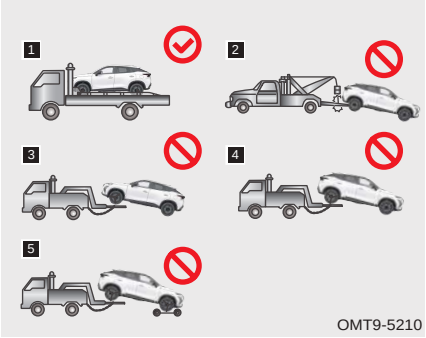
Towing Vehicle

If the vehicle needs to be towed, it is recommended to contact authorized service station 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.

Installing Towing Eyelet

Front towing eyelet

OMT19-5230

Step 1: Use a screwdriver with its tip taped 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

OMT19-5240

Step 1: Use a screwdriver with its tip taped 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

- Only use specified towing eyelet. Otherwise, vehicle may be damaged.
- Towing rope or towing bar can be installed only when towing eyelet is installed in place.
- Drive the vehicle slowly and smoothly when towing. Impact due to excessive tension may damage the vehicle.

⚠ 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.

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 seat in towed vehicle to operate steering wheel and brake pedal, and vehicle wheels, drive train, axle, steering system and braking system must be in good condition.

Before emergency towing, release parking brake (for details of emergency releasing electric parking, refer to "Brake System"), shift the shift lever to N, and turn vehicle power to ACC or ON mode.

⚠ CAUTION

- Do not perform emergency towing for long periods of time.
- Secure a towing cable, chain or lever to the vehicle towing eyelet.
- Never tow a vehicle heavier than this vehicle, otherwise the vehicle may be damaged.
- 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. So, please operate carefully.
- We strongly recommends that you seek help from professional serviceman or authorized service station.
- If towed vehicle still cannot move, do not forcibly continue towing to avoid secondary damage to vehicle. We strongly recommends that you seek help from professional serviceman or authorized service station.

⚠ WARNING

- To avoid personal injury, people other than driver should stay away from the vehicle when it is towed.
- When towing vehicle, avoid sudden start-off or erratic driving maneuvers which 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.

6-5. 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

OMT19-5250

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 box

OMT19-5260

Step 1: Vehicle power is turned to OFF mode.

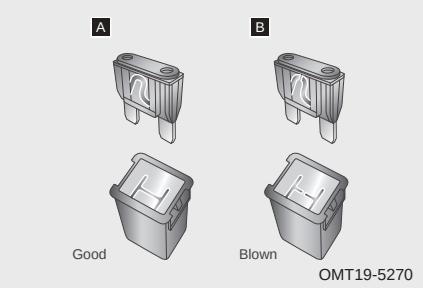
Step 2: Disconnect the negative battery terminal cable.

Step 3: Remove instrument panel lower left protector to inspect or replace fuse.

READ

- Check suspected fuses according to the fuse and relay box layout.
- To prevent damage to the vehicle, be careful when removing/installing the instrument panel lower left protector. Please contact authorized service station as necessary.
- The fuse box must be clean, keep it away from dampness when opening, as dirt and moisture may damage the electrical system.

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.

READ

If a spare fuse is unavailable, you can use a fuse with same specification from other unimportant electrical appliances in an emergency. It is better to purchase a set of spare fuses and put them in vehicle for emergency use.

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.

7-1. Repair and Maintenance

Repair and Maintenance ... 222

Authorized Service Station is at Your Service 222

Reading Vehicle Identification Code Information 223

Safety Check 223

7-2. Normal Maintenance

Normal Maintenance 224

Checking Oil Level 225

Checking Transmission Fluid Level 226

Checking Brake Fluid Level 226

Checking Coolant Level 227

Checking Radiator and Condenser 228

Checking Tyres 229

Avoiding Tyre Flat Spot 230

Tyre Rotation 231

Checking Battery 231

Checking Air Conditioning Filter 231

Checking Windshield Washer Fluid 232

Checking Wiper Blades 232

7-3. Regular Maintenance

Technical Data 235

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 station.

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 Station is at Your Service

Authorized service station

Only OEM parts and materials can extend your vehicle's service life. We only supplies OEM parts to authorized service station located worldwide. Therefore, only OEM parts from authorized service station can be used.

Authorized service station offers a professional service. For vehicle service, please remember that your authorized service station 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, 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 station 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 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 provided in this section if you perform 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

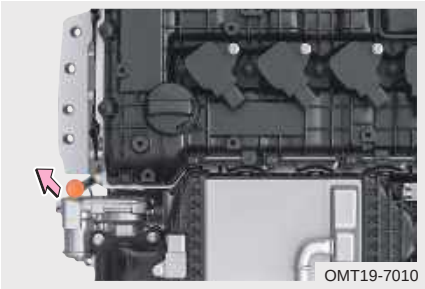
- Check for any tools or cloths that may have been left behind before closing the hood.
- Do not drive vehicle with the air filter removed, otherwise, excessive engine wear could occur.
- Correctly add fluid to the appropriate level. If some fluid splashes onto the vehicle, be sure to immediately wash it off with a wet cloth, to avoid damage to the 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 turned on.
- Right after driving, engine, radiator, exhaust manifold and cylinder head will be very hot, so never touch them. Prevent any loose clothing from getting caught in the fan and causing personal injury because the cooling fan may automatically start and run at any time.

Checking Oil Level

Checking engine oil


OMT19-7010

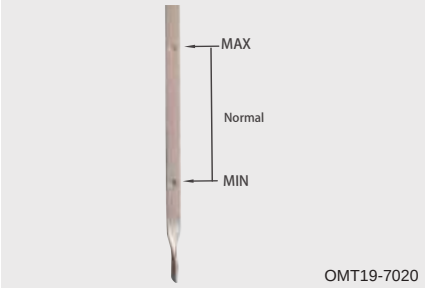
With the engine stalling and cooled down, check the oil level with the dipstick.

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 engine hood, pull the dipstick out 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 the dipstick out again and check if oil level is correct.

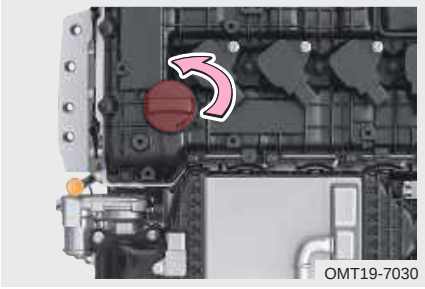


OMT19-7020

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


OMT19-7030

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 several times and check the oil level with a dipstick again;

Step 3: When the level reaches 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 household waste, down the drain or spill on to the ground. Otherwise, it will cause serious environmental pollution. Please handle it according to the local regulations regarding to environmental protection.

READ

The interiors are different depending to the market requirement. Please refer to the actual vehicle.

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 filling of oil, clean the spilled oil with canvas and other tools before tightening the engine oil filler cap.
- The engine oil filler cap cannot be inverted after removal, to prevent misjudgment caused by oil back flow or the oil flowing through seal ring will overflow automatically after reassembly, resulting 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 contact the authorized service station.

Checking Brake Fluid Level

OMT19-7040

Brake fluid level should be between the "MIN" and "MAX" marks. If the level is at or below the "MIN" mark, add brake fluid and contact the authorized service station for inspection and repair immediately.

⚠ CAUTION

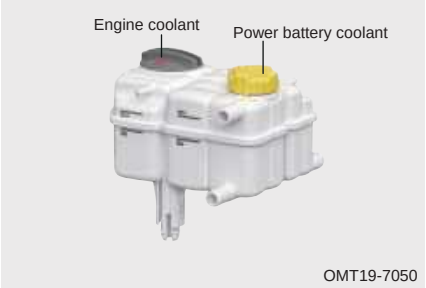
- As the brake fluid is highly absorbent, do not leave the brake fluid reservoir cap open for a long period of time.
- Only recommended brake fluid can be used. Otherwise, all the direct or indirect loss incurred are at customer's own risk.
- If some brake fluid splashes onto the painted surface of vehicle 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 and contact the authorized service station for inspection and repair immediately.

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 in time until the coolant level does not fall down again;

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 in place.

⚠ CAUTION

- If coolant level falls rapidly, check radiator, water pipe 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.
- In cold areas, it is necessary to replace with 100% stock solution of antifreeze.

⚠ WARNING

- When engine is warmed up or becomes hot, the cooling system will be under high pressure. In this case, never 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 that time.

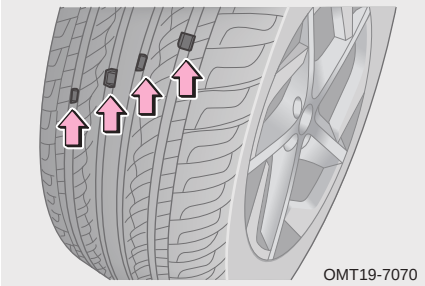
Condenser: Clean the condenser by blowing compressed air from rear to front through the radiator when the engine is turned off and cools down.

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

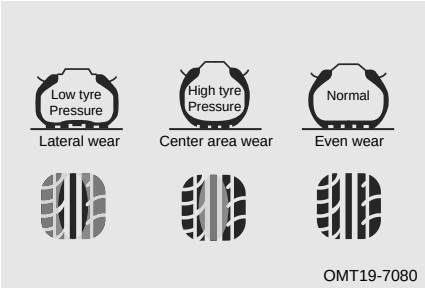


Check the tyre tread by tread wear mark. When tread wear reaches its limit, tread will be in the same plane as the wear band. If such condition occurs, the tyre performance and safety will be seriously impacted, and replacement is necessary.

ENVIRONMENTAL PROTECTION
Always discard a used tyre carefully. 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 from different manufacturers, of different models or tread patterns.
5. Do not mix differently constructed tyres (such as radial, bias-belted or bias-ply tyres).
6. Speedometer can be affected by the 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 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 station 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

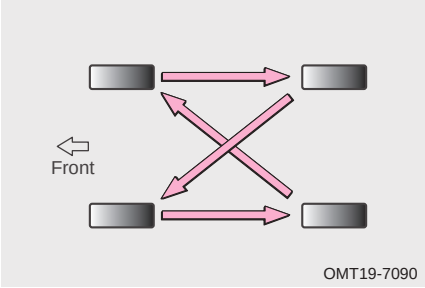
If the vehicle is parked in a high temperature environment for a long time, the contact position between the tyre and the ground will be slightly deformed, which is called "flat spot" and it is normal. However, it will cause the body and steering wheel to shake when the vehicle is driving. As the driving 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:

- 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.
- 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.

- 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, we recommends that you should rotate your tyres approximately every 6,213 miles (10,000 km) (best adjustment range is 3106 - 4349 miles (5,000 - 7,000 km); the tyre rotation cycle may vary according to your driving habits and road surface conditions.

READ

tyre rotation should be done by professionals, please contact authorized service station.

Checking Battery

■ 12 V 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 station 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 operational efficiency of air conditioning decreases significantly, check filter element and replace it as necessary.

READ

- The replacement of air conditioning filter should be performed by professionals, please contact authorized service station.
- 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 can be 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 go to authorized service station 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 washer fluid reservoir is 4.5 L. When the washer fluid level is low, low washer fluid level warning light will come on and a faults message will appear on the instrument cluster (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.
- If there are any chips on the windscreen from gravel, please repair quickly.
- In winter, make sure that the wiper blades 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

- Do not use high-pressure water jet to directly wash the wiper blades while washing the vehicle, or the wiper blades could be deformed.
- In order to prevent the formation of build up that obscures view, it is recommended to clean wiper blades using glass detergent regularly once a week.
- For safety, it is advised to replace the wiper blades once or twice a year, the wiper blades can be purchased at authorized service station.
- After washing the vehicle in the automatic car washer, apply pure water to rinse the windshield and blades, to remove the remaining wax layer.
- Do not operate wipers when windshield is dry. Doing so may scratch glass, resulting in permanent damage to wiper blades.
- Do not clean the windshield with fuel, nail polish remover, paint thinner or similar liquid, which can damage the wiper blades.
- Avoid using glass plating agent and hydrophobic agent on the front and rear windshield glass. The hydrophobic layer will fall off slowly after using, resulting in uneven friction of windshield and abnormal noise of wiper shaking.
- 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

- Do not swing the wiper arm manually, otherwise it may damage the wiper.
- When there is snow, leaves, branch and other objects, they should be cleaned before operating the wiper.

- Washer fluid should be added as soon as is needed, please use the windshield washer fluid as specified in this manual, and do not use tap water instead.
- 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.

7-3. Regular Maintenance

Technical Data

Fluid Name	Specification	After-sale Maintenance
Refrigerant	R1234yf	620 ± 15g
Compressor oil	PAG	180 ± 10g

READ

Contains fluorinated greenhouse gases and CO2 equivalent 0.00035t.

SPECIFICATION

8-1. Label Location

Vehicle Identification Number (VIN) 238

Vehicle Product Label 239

Engine Number..... 239

Microwave Window 239

8-2. Vehicle Specifications

Vehicle Dimensions 240

Vehicle Type..... 241

Vehicle Weight..... 241

Vehicle Performance 242

Drive Motor 242

Engine Performance..... 242

Fuel System 243

Suspension System..... 243

Wheel Alignment..... 244

Wheels and Tyres 244

Battery..... 245

Power Battery..... 245

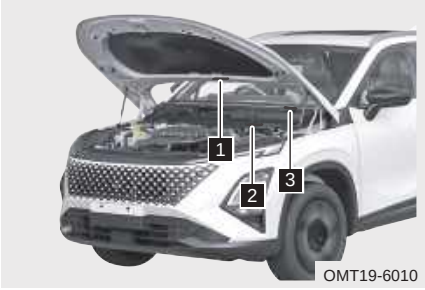
Light Bulb Specification..... 245

Vehicle Components That Are Not Included in the Vehicle Size 246

8-1. Label Location

Vehicle Identification Number (VIN)

Vehicle Identification Number (VIN) on actual vehicle



OMT19-6010

1 Vehicle Identification Number (VIN) label is located on hood as shown in the illustration.

2 Vehicle Identification Number (VIN) is engraved on lower left of engine compartment drip channel garnish.

3 Vehicle Identification Number (VIN) label is located on upper left of passenger side instrument panel, and can be seen from the outside through the front windshield.

OMT19-6011

Vehicle Identification Number (VIN) label is located on back door as shown in the illustration.

READ

- Due to regional differences, the location of VIN code shall be subject to the actual vehicle.
- If VIN needs to be read, it is recommended to read the data through the operation of authorized service station professional serviceman.

CAUTION

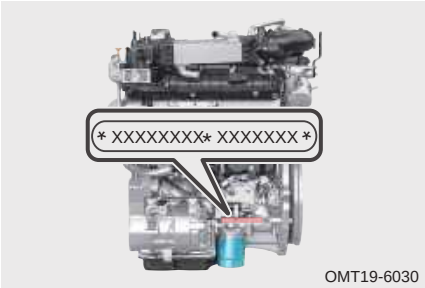
It is forbidden to cover, paint, weld, cut, drill or remove Vehicle Identification Number (VIN) and areas around it.

Vehicle Product Label

OMT19-6020

Vehicle product label is located on right quarter outer panel as shown in the illustration.

Engine Number



OMT19-6030

Engine number is located on engine block as shown in the illustration.

Microwave Window

OMT19-6040

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.

8-2. Vehicle Specifications

Vehicle Dimensions

Overall Size	Length (mm)	4,447
	Width (mm)	1,824
	Height (mm)	1,588
Wheel Base (mm)		2,610
Tread	Front (mm)	1,550
	Rear (mm)	1,550
Overhang	Front (mm)	962
	Rear (mm)	875

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	Multiport sequential electronic injection
Transmission Model	130HHB

Vehicle Weight

Vehicle Curb Weight (kg)		1,546
Vehicle Curb Axle Weight	Front Axle (kg)	938
	Rear Axle (kg)	608
Manufacturer Maximum Total Weight (kg)		2,152
Manufacturer Maximum Total Axle Weight	Front Axle (kg)	1,129
	Rear Axle (kg)	1,051
Seating Capacity (Including Driver)		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)	145
	Minimum Turning Diameter (m)	⩽10.9
	Approach Angle (°)	19.6
	Departure Angle (°)	24.2
Power Performance	Maximum Vehicle Speed mph (km/h)	108 (175)
	Maximum Gradeability (%)	35

Drive Motor

Motor type	Permanent magnet synchronous motor
Cooling mode	oil cooling
Rated power (kW)	70
Peak power (kW)	150
Rated voltage (V)	350
Peak torque (Nm)	310
Rated speed (rpm)	4,500
Peak speed (rpm)	16,000

Engine Performance

Engine Mode	SQRH4J15
Cylinder Bore Diameter (mm)	72
Piston Stroke (mm)	92
Displacement (mL)	1,499
Compression Ratio	14.5
Maximum Net Power (kW)	105
Maximum Net Power Speed (r/min)	5,200
Maximum Net Torque (N·m)	215
Maximum Net Torque Speed (r/min)	2,500

Fuel System

Fuel Type*1	Unleaded gasoline with an octane number of 95 or higher (unleaded super gasoline)
	E22-E100
Fuel Tank Type	Plastic fuel tank
Fuel Tank Total Capacity	51L
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 damagae 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.
- The use of off-specification gasoline 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 emission control 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. Therefore, if you accidentally fill leaded gasoline, please go to authorized service station for inspection and repair immediately.

Suspension System

Front Suspension	Macpherson type suspension
Rear Suspension	Multi-link suspension

Wheel Alignment

Wheel Alignment

Front Wheel	Front Wheel Camber	-25'±45'
	Kingpin Caster Angle	5'±3'(one side)
	Kingpin Inclination Angle	4°14'±60'
	Front Wheel Toe-in	11°43'±60'
Rear Wheel	Rear Wheel Camber	-42'±30'
	Rear Wheel Toe-in	5'±5'(one side)

Wheels and Tyres

Tyre Model		215/60 R17 215/55 R18
Rim Model		18×7J 17×6 1/2J
Cold Tyre Inflation Pressure (Unladen) (kPa)	Front Wheel	260
	Rear Wheel	260
Tightening Torque of Wheel bolts		M14: 180 ± 18 N·m

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 inflation pressure should be checked at least once a month, and tyre 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.

Battery

Battery Model	AGM H3 (12V40 Ah)

Power Battery

Items	Parameter
Product model	113ADR
Product type	Power mode
Rated voltage (V)	353.3
Rated voltage (V)	3.68
Rated capacity (Ah)	5.2
Drive Mode	Precursor
Charging Operating Temperature Range of Battery System (℃)	-30~60
Discharging Operating Temperature Range of Battery System (℃)	-35~60

Light Bulb Specification

Light Bulb Name	Nominal Light Source (Type/Model)	Replacement Advice
Headlights	LED/HB3	Replaced by authorized service station
Rear Fog Light	LED	Replaced by authorized service station
Daytime Running Light	LED	Replaced by authorized service station
Front Position Light	LED	Replaced by authorized service station
Rear Position Light	LED	Replaced by authorized service station
Brake light	LED	Replaced by authorized service station
High Mounted Brake light	LED	Replaced by authorized service station
Back-up Light	LED	Replaced by authorized service station

Light Bulb Name	Nominal Light Source (Type/Model)	Replacement Advice
Front Turn Signal Light	LED	Replaced by authorized service station
Side Turn Signal Light	LED	Replaced by authorized service station
Rear Turn Signal Light	LED	Replaced by authorized service station
License Plate Light	LED	Replaced by authorized service station

Vehicle Components That Are Not Included in the Vehicle Size

Components not included in vehicle length size

The following devices do not have laden function and their sizes are not more than 50 mm beyond the vehicle front end or rear end, and fillet radius of edge and corner is no less than 5 mm:

— 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 the vehicle width measurements:

— 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 50 mm, and fillet radius of edge and corner is no less than 5 mm:

— 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 the vehicle height measurements:

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 is removable or folding, and its deployed and retracted length is no more than 2,000 mm and 200 mm respectively.

— Tailboard, entering/exiting slope and equivalent with a horizontal length not exceeding 300 mm in retract state

— Tail ladder

A

A/C Setting 94
Active Speed Limit (If Equipped) 153
Adaptive Cruise Control System (ACC) (If Equipped)..... 148
Adaptive Engine Control System 122
Adjusting Steering Wheel..... 33
After Starting Engine 14
Air Conditioning Heating Operation..... 102
Air Conditioning Operation 94
Air Conditioning Refrigeration Operation..... 100
Air Outlets Airflow Control 98
Air Quality Control System (If Equipped) 100
Anti-lock Brake System (ABS) ... 187
Around View Monitor System (AVM) (If Equipped) 178
Audio View 83
Authorized Service Station is at Your Service 222
Automatic Air Conditioning 93
Automatic Emergency Braking System (AEB) / Front Collision Warning System (FCW) (If Equipped) 166
Automatic Parking System (-AUTO HOLD) 129
Automatic Transmission..... 122
Auxiliary Fascia Armrest Box Cooling / Warming Function (If Equipped)..... 102

B

Back Door Emergency Opening . 114
Battery 245
Before Starting Engine 13
Blind Spot Detection (BSD) System (If Equipped) 162
Brake 131

C

Check the Exhaust System 16
Checking Air Conditioning Filter . 231
Checking Battery 231
Checking Brake Fluid Level..... 226
Checking Coolant Level..... 227
Checking Fuse 219
Checking Oil Level..... 225
Checking Radiator and Condenser 228
Checking Transmission Fluid Level 226
Checking Tyres 229
Checking Windshield Washer Fluid..... 232
Checking Wiper Blades 232
Child Restraint Systems..... 56
Cruise Control System (CCS) (If Equipped)..... 147
Cyber Security Notice for Scrapping or Resale 22
Cyber Security Support Service Update or Termination Notice 22

D

Delivery Card 5
Door Mechanical Switch 74
Door Open Warning System (If Equipped) 164
Doors Lock Switch 73
Drive Away Information System (If Equipped) 172
Drive Motor 242
Driver Monitoring System (DMS) (If Equipped)..... 175
Driving on Road Covered with Ice and Snow..... 20

E

ECALL (If Equipped) 204
Effective Range 67
Electric Parking Brake System (EPB) 127
Electric Power Steering System (EPS)..... 125
Electronic Stability Program System (ESP)..... 186

Emergency Lane Keeping (ELK) System (If Equipped) 161
Emergency Towing 217
Engine Auto Start/Stop 195
Engine Number 239
Engine Performance 242
ENGINE START STOP Switch... 118
Extended Function 189
Exterior Lighting 40

F

"Face to face" Consultative Service Card 6
Fogging Instructions for Light..... 45
Follow Me Home Function..... 43
Front Seats 46
Fuel System..... 243
Fuel Tank Cap 114
Fuse Box 218

H

Hazard Light 204
Head Restraints..... 45
Heated Steering Wheel (If Equipped) 32
Hill Descent Control System (HDC) (If Equipped)..... 156
Horn 32
How to Read This Manual 2
Hybrid Electric Vehicle..... 191

I

If Battery is Depleted 211
If Engine Coolant Temperature is High 210
If You Have a Flat Tyre (Tyre Repair Liquid) 206
If Your Vehicle Cannot Start Normally 213
Immobilizer System..... 71
Index 2
Installing Child Restraint Systems 59
Installing Towing Eyelet 216
Instrument Cluster 24
Instrument Cluster Overview 24
Integrated Braking Force Control System 185
Intelligent Avoidance System (If Equipped)..... 171
Intelligent Headlight Function (IHC) (If Equipped) 44
Intelligent Speed Control System 154
Interior Active Ventilation and Automatic Cleaning 99
Interior Lighting 42

K

Key Information 65
Keyless Entry (If Equipped) 69

L

Lane Departure Prevention System (LDP) (If Equipped) 159
Lane Departure Warning System (LDW) (If Equipped) 157
Light Bulb Specification 245
Low-speed Pedestrian Warning Sound 200

M

Main Part of HEV 192
Manual Back Door 112
Manual Inside Rear View Mirror ... 34
Microwave Window 239
Mode Adjustment..... 97
Moon Roof Jam Protection Function (If Equipped)..... 82
Moon Roof Remote Control Function (If Equipped)..... 82

N

Never Drive Through Flooded Water 18
New Vehicle Break-in 11
Normal Maintenance 224
Normal Starting and Turning off . 119

O

Off-road Driving 17
Opening/closing the hood 111
Operating Mode..... 193
Operation/Malfunction Indicator ... 26
Outside Rear View Mirror 34

P

Parking on Slope 15
Parking Operations 14
Parking Radar System..... 182
Phone-link 89
Pictorial Index 2
Power Back Door..... 112
Power Battery 195
Power Battery 245
Power Moon Roof (If Equipped) ... 80
Power Outlet..... 108
Power Windows..... 76

R

Rear Collision Warning System (If Equipped)..... 165
Rear Cross Traffic Alert (-RCTA) System (If Equipped).... 163
Rear Cross Traffic Braking (-RCTB) System (If Equipped).... 163
Rear Door Child Lock 75
Rear View Camera Display System (RVC) (If Equipped)..... 176
Reflective Strip 205
Regenerative Energy and Regenerative Brake..... 194
Remote Start..... 72
Repair and Maintenance..... 222
Replacing Fuse 219
Replacing Key Battery 66

S

Safety Check 13, 223
Seat Belt Pretensioner (If Equipped) 55
Seat Belts..... 50
Seat Heating Function (If Equipped) 49
Seat Ventilation Function (If Equipped) 49
Second Row Seat 48
Smart Vehicle Locating Function .. 44
Spare Tools (If equipped) 206
Speed Control Function (SCF) System (If Equipped) 155
Speed Limit Assist System (SLA) (If Equipped)..... 146
SRS Airbags 132
Starting and Turning off in Emergency..... 120
Storage Space 105
Sun Visors , Vanity Mirrors and TicketClips 110
Suspension System 243
Symbols in the Manual 3

T

Table of Contents.....2
Technical Data 235
Top Tether 58
Towing 214
Towing Hook (If Equipped) 214
Towing Vehicle 214
Traffic Jam Assist System (TJA) / Integrated Cruise Assist System (ICA) (If Equipped) 169
Tyre Chains 20
Tyre Pressure Monitoring System (TPMS) (If Equipped) .. 173
Tyre Rotation 231

U

Unique Sound of HEV 194
Unlocking Doors with Inside Handle..... 74
USB Port 109
User Registration Certificate.....4

V

Vacuum Booster (If Equipped) ... 131

Vehicle Components That Are Not Included in the Vehicle Size 246
Vehicle Dimensions..... 240
Vehicle Identification Number (VIN) 238
Vehicle Performance 242
Vehicle Product Label..... 239
Vehicle Security..... 70
Vehicle Type 241
Vehicle Weight 241
Voice Recognition Function (If Equipped) 89

W

Warning Triangle 205
Wheel Alignment 244
Wheels and Tyres 244
When Driving 14
When Driving on Slippery Road Surfaces..... 18
Window Jam Protection Function (If Equipped)..... 79
Window Remote Control Function 78
Winter Driving Tips..... 19
Wiper Blade Replacement..... 39
Wiper Operation 37
Wireless Charging (If Equipped) 102

Emergency Response Guide

1-1. RESCUE INFORMATION

Hybrid Electric Vehicle System Information 2

Disconnecting 12 V Battery....6

High Voltage Power Release Method.....6

1-2. Rescue Program Information

Protection Device Required for Rescuer.....7

Parking Operations.....8

Lifting Vehicle 8

Back Door Emergency Opening.....9

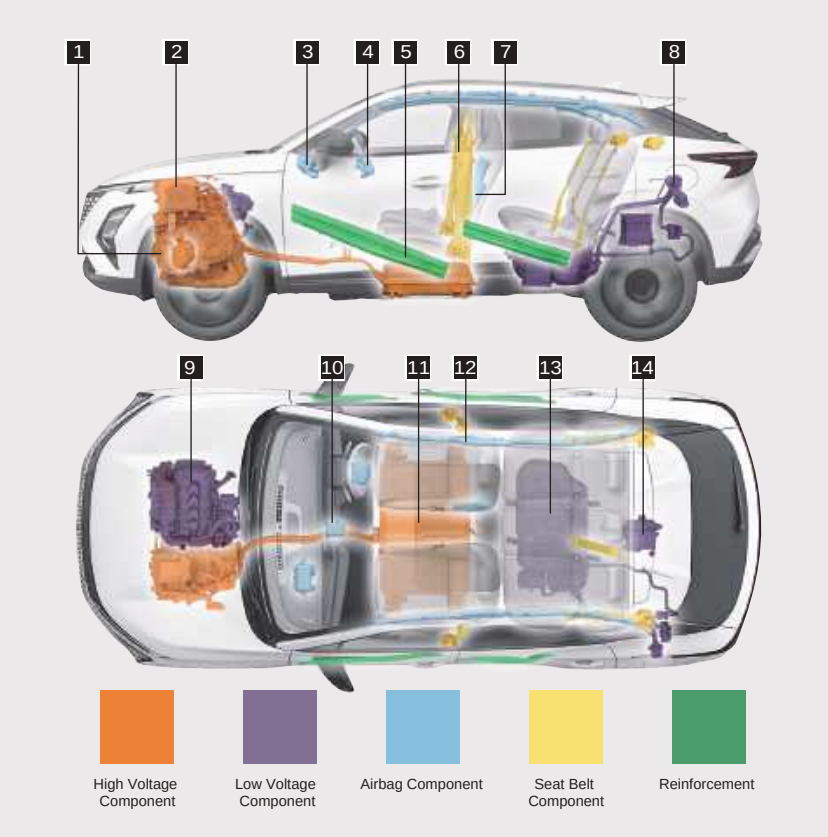
Emergency Rescue 9

Towing Vehicle..... 12

1-1. RESCUE INFORMATION

Hybrid Electric Vehicle System Information

Components of HEV Key System



1 Hybrid Transmission	2 Hybrid power control module	3 Front Passenger Airbag
4 Driver Airbag	5 Guard Plate	6 Seat Belt Pretensioner (If Equipped)
7 Front middle airbag	8 Fuel Filler	9 Engine
10 Airbag Module	11 Power Battery	12 Side Curtain
13 Fuel Tank	14 Battery	

ENVIRONMENTAL PROTECTION

All parts of high voltage components in the illustration should be disposed or recycled according to the local regulations and provisions regarding environmental protection.

CAUTION

- Never tow the vehicle at high speed when drive wheels are on the ground.
- It is forbidden to manipulate motor controller on high-speed bench without power and water. Never drag the motor to reverse at high speed with highspeed dynamometer bench or carry out similar experiment such as towing at high speed.
- High-voltage system components in hybrid power system mainly include high-voltage wire harness, power battery, high-voltage heater, electric compressor, front motor controller, and rear motor controller assembly (if equipped); High-voltage system components are very dangerous. Do not touch the high-voltage system components, cables or connectors.

WARNING

- Personnel without high-voltage technical qualification are not allowed to tough, repair or replace high voltage components or high voltage wire harness in the illustration.
- In case of traffic accident, do not touch any component and high voltage wire harness in the illustration to avoid the second personal injury.
- 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.

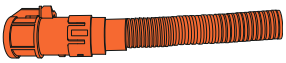
Basic vehicle information

Overall Size	Length (mm)	4,447
	Width (mm)	1,824
	Height (mm)	1,588
Wheel Base (mm)		2,610
Manufacturer Maximum Total Weight (kg)		2,152
Seating Capacity (Including Driver) (Person)		5

Hybrid electric vehicle system basic information

Power battery assembly	Battery pack rated capacity (Ah)	5.2
	Battery pack nominal voltage (V)	353.3
	Number of battery pack (pieces)	1
Fuel tank capacity (L)	51	

Hybrid electric vehicle system warning signs

High voltage warning sign 1		Danger! Never touch high voltage system components.
High voltage warning sign 2		High voltage. Danger! Never depress!
High voltage warning sign 3		High voltage system components. Danger! Never touch high voltage components without wearing protection device, beware of electric shock!
High voltage warning sign 4		High voltage system components. Danger! Never touch high voltage components without wearing protection device, beware of electric shock and high temperature scald!
High voltage warning sign 5		Danger! Inflammable and explosive article. Do not open or repair the battery pack without authorization. Do not short-circuit the positive and negative terminals of the battery with wires or other metallic objects. Keep it far away from fire source and do not use it in high temperature. Never immerse it in water or other liquids. Optimal storage temperature: -10℃ - 35℃!
High voltage wire harness sign		Vehicle high voltage system components are connected by orange high voltage wire harness. Never touch high voltage components without wearing protection device!

⚠ 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 components, orange cable and connectors with power system warning signs to prevent high voltage electric shock.

Disconnecting 12 V Battery

OMT19-5200

Step 1: Turn vehicle power to OFF mode, and connect jumper cables;

Connect one end of positive cable to positive terminal (+) of battery on discharged vehicle, and the other end to the positive terminal (+) of battery on rescue vehicle.

Connect one end of negative cable to negative terminal (-) of battery on rescue vehicle, and the other end to unpainted metal part on discharged vehicle.

High Voltage Power Release Method

OMT19-5250

Step 1: Turn vehicle power to OFF mode;

Step 2: Disconnect the negative (-) battery terminal cable;

Step 3: Remove front compartment fuse box cover, refer to fuse box location diagram at fuse box upper cover, disconnect the BMS module power.

1-2. Rescue Program Information

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.

Parking Operations

OMT19-3041

Step 1: When the vehicle power is switched to ON mode, or the vehicle is started and in stationary status, Click the electric parking brake switch, "Ⓟ" red indicator on instrument cluster and electric parking brake button indicator remains on, indicating that parking brake function has been turned on;

OMT19-3010

Step 2: Shift the shift lever to P, press ENGINE START STOP switch to turn off vehicle power.

READ

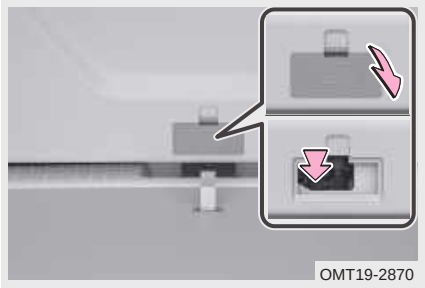
When vehicle is in READY state, the motor is silent, make sure that the vehicle power is turned to OFF mode before leaving vehicle.

Lifting Vehicle

OMT19-4800

Make sure that the vehicle is on the correct jacking point to avoid damage to high/low voltage cables or power battery when the vehicle is lifted.

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 emergency device switch.

Step 1: Stop the vehicle as safely as possible;

Step 2: Fold the rear seatback;

Step 3: Get in the rear of vehicle and open emergency device cover;

Step 4: Press the emergency switch and then push the back door to open it.

Emergency Rescue

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. 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.
3. 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 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 the authorized service station 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 the authorized service station 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 battery (12 V) power.

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, shut down the vehicle 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 card 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 card 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.

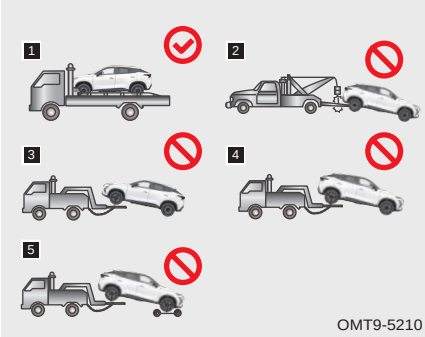
⚠ WARNING
When cutting the vehicle, professional rescuers must use appropriate tools such as hydraulic cutter etc. and wear appropriate personal protective device to avoid serious personal injuries.

Towing Vehicle

If the vehicle needs to be towed, it is recommended to contact authorized service station 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.