

Thank you very much for choosing a new Chery vehicle.

To know how to correctly operate and maintain your vehicle, please take the time to read this manual carefully.

After you read this manual, please leave it 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.

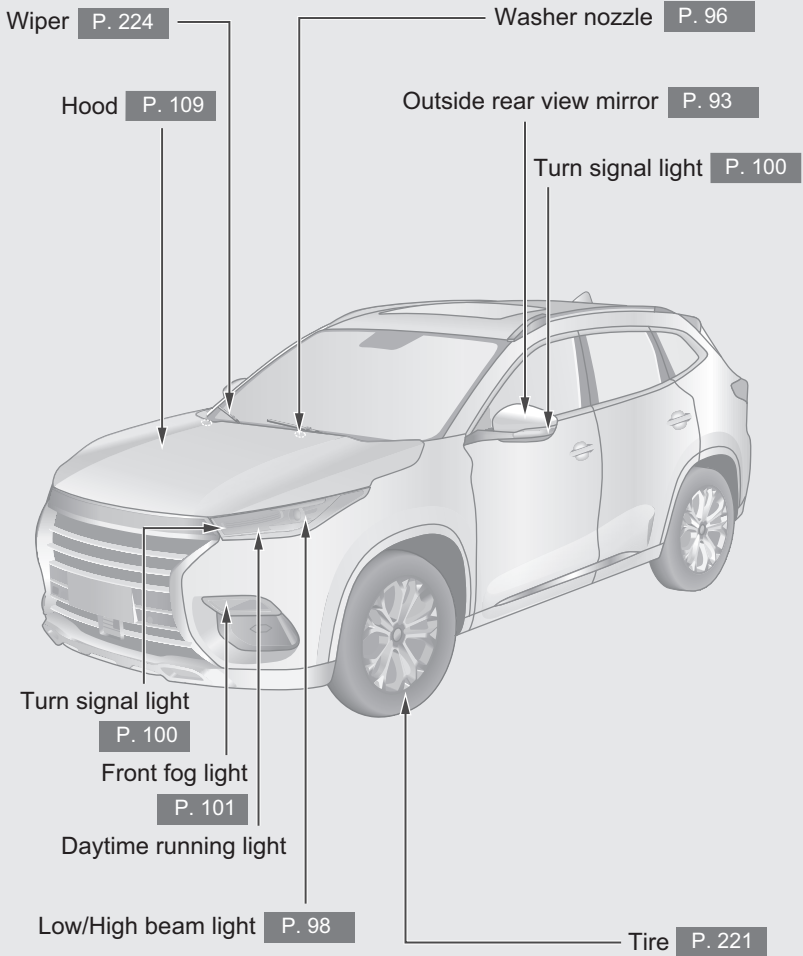
Remember that Chery authorized service station knows your vehicle best and has factory trained technicians and OEM parts which will guarantee your satisfaction. Do not use non-OEM parts or accessories to modify your vehicle. Modifying vehicle will affect the vehicle maneuverability, safety or durability.

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

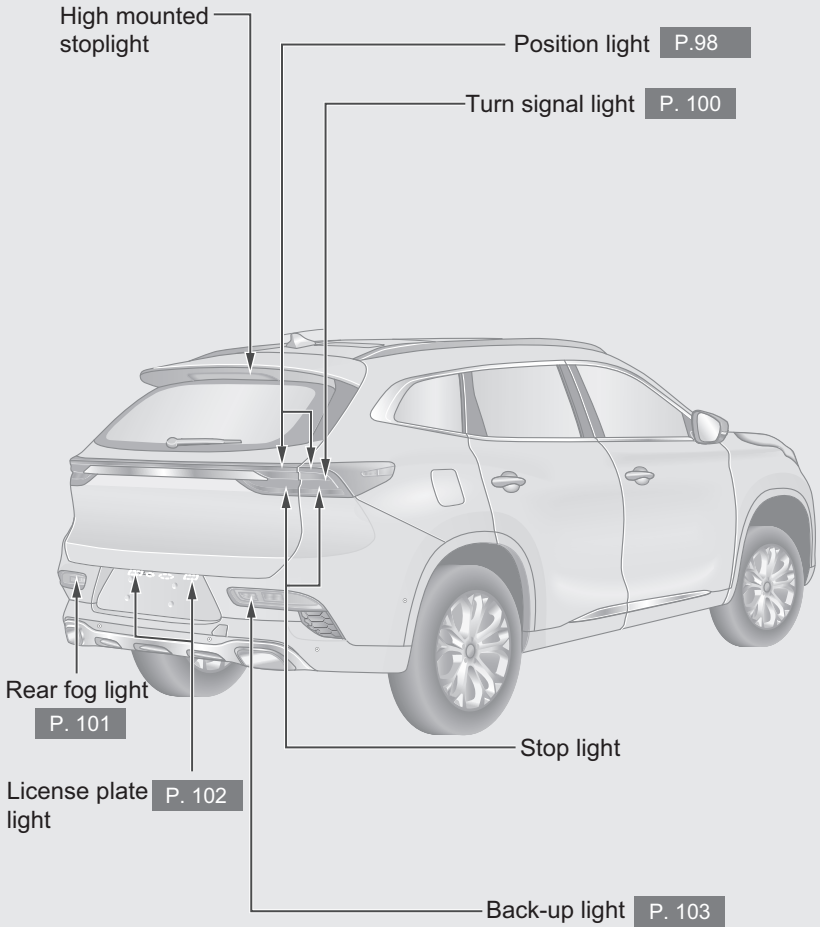
All data, descriptions and illustrations provided in this manual cannot serve as the basis for lodging a claim.

Wish you a pleasant driving!

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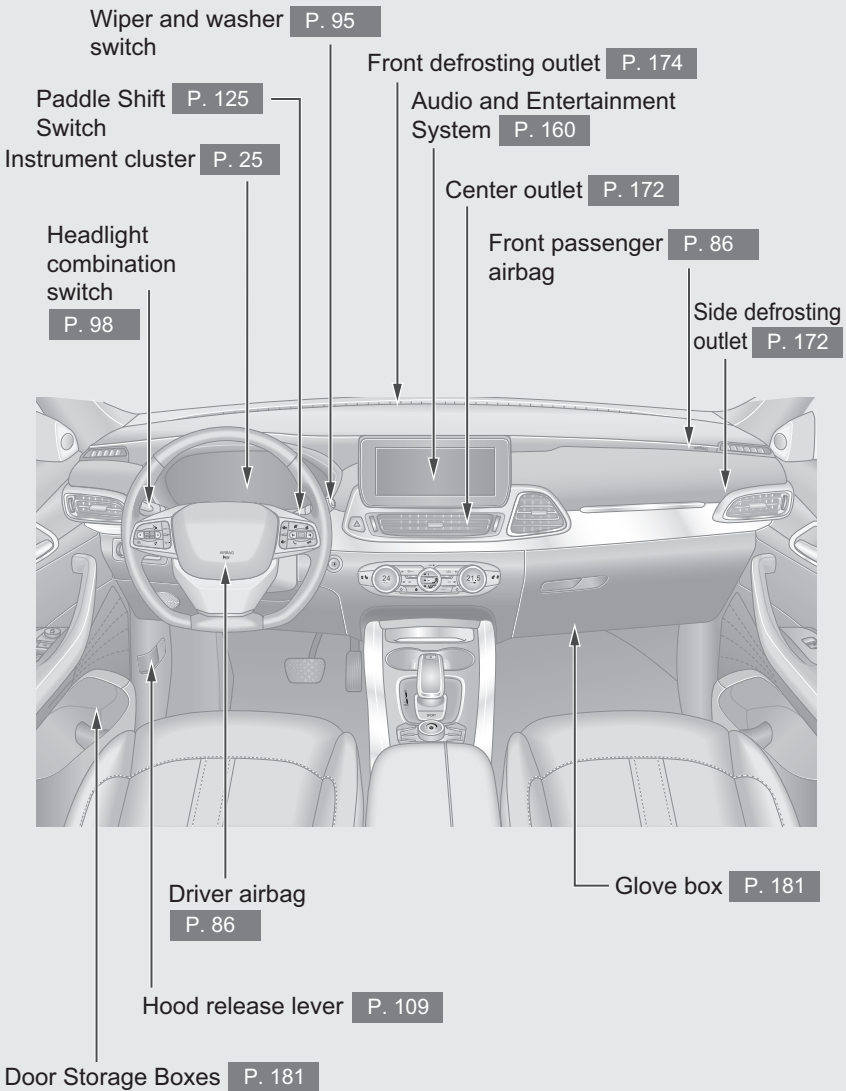


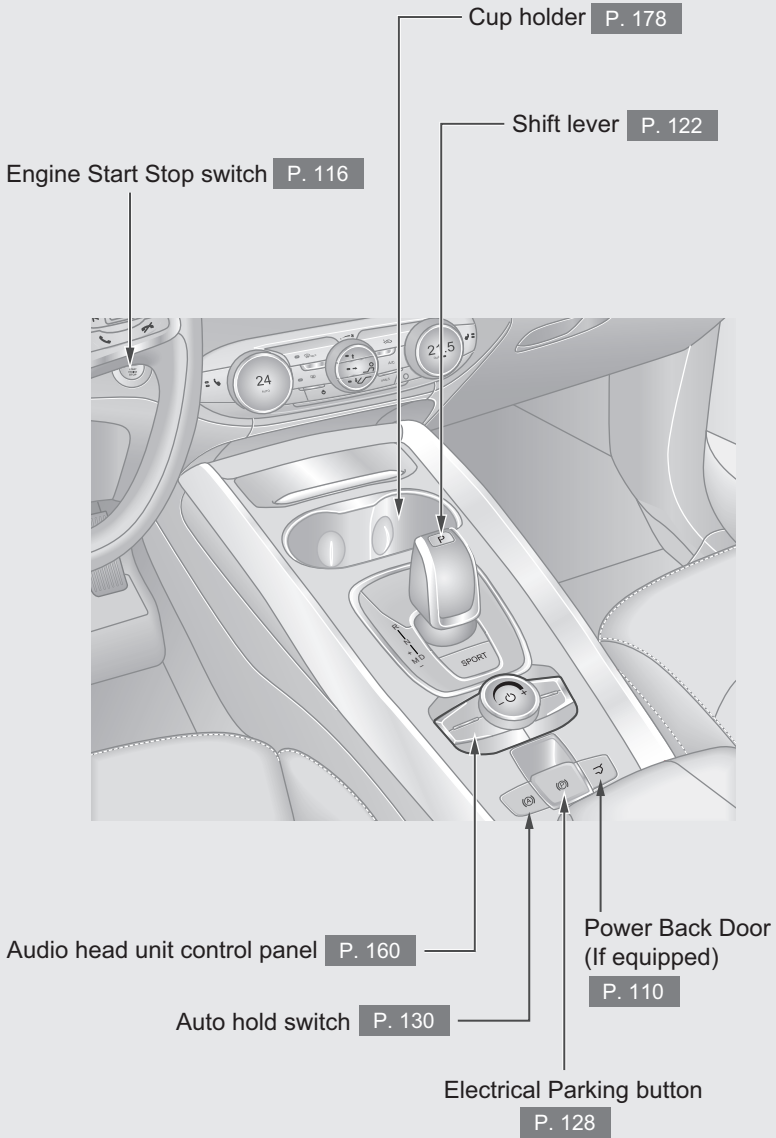
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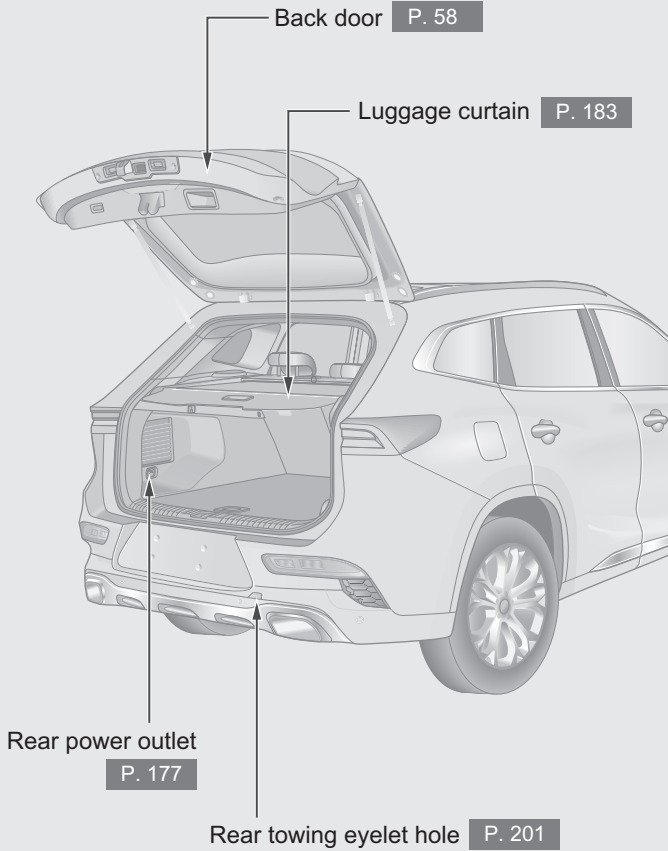


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Alphabetical Index

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1.INTRODUCTION

1-1. How to Read This Manual

How to Read This Manual

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

Table of Contents

Consult the general "Table of Contents" to determine which chapter of the USER MANUAL contains the information you need and the "Chapter Contents" to determine its accurate location.

Pictorial Index

The "Pictorial Index" is a helpful assistant to find the required information quickly, especially when 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. More details about the index, refer to Page 257.

1-2. Symbols in the Manual

Symbols in the Manual

The following symbols are used in this manual to draw your attention to the information of particular importance. 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 property, 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. So that, not only you can enjoy driving pleasure but also vehicle can be kept in good condition.

1.INTRODUCTION

1-3. New Vehicle Inspection

Prior to your purchase, Chery authorized service station has inspected your vehicle according to the regulations of Chery Automobile Co., Ltd. The service station 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 ● USER MANUAL ● PRE-DELIVERY INSPECTION	
Signature of User:	
Signature of Dealer:	

Chery Delivery Card

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

1.INTRODUCTION

Category	No.	Items	Whether Pass Inspection and Explain Clearly	
			YES <input type="checkbox"/>	NO <input type="checkbox"/>
Basic Knowledge About Operation	1*	Unleaded gasoline with an octane number of 91 or higher	YES <input type="checkbox"/>	NO <input type="checkbox"/>
		Unleaded gasoline with an octane number of 92 or higher	YES <input type="checkbox"/>	NO <input type="checkbox"/>
		Unleaded gasoline with an octane number of 95 or higher	YES <input type="checkbox"/>	NO <input type="checkbox"/>
		E22-E100	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	2	Normal operation during the break-in period	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	3	Operation of all the vehicle lights	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	4	Understanding warning lights and indicator lights	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	5	Correct time/mileage of the maintenance schedule	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	6	Vehicle maintenance in winter/summer	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	7	Thorough understanding of the cooling system and normal usage of the coolant	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	8	Correct operation of air conditioning	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	9	Precautions during starting the vehicle	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	10	Correct operation of audio system	YES <input type="checkbox"/>	NO <input type="checkbox"/>
11	Correct usage of moon roof (if equipped)	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
Signature of Sales Clerk:		Date:		
Signature of User:		Date:		

*: Please use the fuel recommended by Chery authorized dealers.

1-4. "Person-to-Person" Consultative Service Card

"Person-to-Person" Consultative Service Card

Chery 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:
Dealer of Sales & Service:	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):	
<input type="checkbox"/>	Have introduced the basic operation of the vehicle to the user and performed the delivery inspection.
<input type="checkbox"/>	Have explained the warranty policies to the user.
<input type="checkbox"/>	Have explained the precautions of driving to the user.
<input type="checkbox"/>	Have explained the importance of regular maintenance and the maintenance interval time/mileage to the user.
<input type="checkbox"/>	Have explained the importance of having regular maintenance/vehicle repair performed at Chery authorized service station to the user.
<input type="checkbox"/>	Have delivered the USER MANUAL to the user and reminded him/her to read it.
<input type="checkbox"/>	Have informed Chery service hotline function and how to use it.
2. "Person-to-Person" Consultative Service Mode Introduction (Mark a " √ " for " Yes " and a " × " for Other Conditions):	
<input type="checkbox"/>	If you have questions and demands, consult a service consultant.
<input type="checkbox"/>	The service consultant is the only person authorized by the dealer to answer the user's questions.
<input type="checkbox"/>	Have assigned a dedicated service consultant to each user for "Person-to-Person" service.
<input type="checkbox"/>	If the user is not fully satisfied with the service consultant, the user can select another service consultant.

1.INTRODUCTION

Name of User:	Date of Purchase:
Dealer of Sales & Service:	Model:
Vehicle Identification Number (VIN):	
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):	
<input type="checkbox"/>	Service reception during service and maintenance.
<input type="checkbox"/>	Regular maintenance reminding.
<input type="checkbox"/>	Answer the service/maintenance consultation.
<input type="checkbox"/>	Service/maintenance reservation acceptance.
<input type="checkbox"/>	Annual inspection reminding/acceptance.
<input type="checkbox"/>	Regular greeting revisit, service activity reminded revisit and important holiday greeting.
<input type="checkbox"/>	Other demands from the user.
4. "Person-to-Person" Consultative Service Relationship Establishment:	
Service consultant business card	
Signature of User/Date:	
Signature of Service Consultant/Date:	

Sheet Two (for Dealer of Sales & Service)

Name of User:		Date of Purchase:	
Dealer of Sales & Service:		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):			
<input type="checkbox"/>	Have introduced the basic operation of the vehicle to the user and performed the delivery inspection.		
<input type="checkbox"/>	Have explained the warranty policies to the user.		
<input type="checkbox"/>	Have explained the precautions of driving to the user.		
<input type="checkbox"/>	Have explained the importance of regular maintenance and the maintenance interval time/mileage to the user.		
<input type="checkbox"/>	Have explained the importance of having regular maintenance/vehicle repair performed at Chery authorized service station to the user.		
<input type="checkbox"/>	Have delivered the USER MANUAL to the user and reminded him/her to read it.		
<input type="checkbox"/>	Have informed Chery service hotline function and how to use it.		
2. "Person-to-Person" Consultative Service Mode Introduction (Mark a " √ " for " Yes " and a " × " for Other Conditions):			
<input type="checkbox"/>	If you have questions and demands, consult a service consultant.		
<input type="checkbox"/>	The service consultant is the only person authorized by the dealer to answer the user's questions.		
<input type="checkbox"/>	Have assigned a dedicated service consultant to each user for "Person-to-Person" service.		
<input type="checkbox"/>	If the user is not fully satisfied with the service consultant, the user can select another service consultant.		

1.INTRODUCTION

Name of User:	Date of Purchase:
Dealer of Sales & Service:	Model:
Vehicle Identification Number (VIN):	
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):	
<input type="checkbox"/>	Service reception during service and maintenance.
<input type="checkbox"/>	Regular maintenance reminding.
<input type="checkbox"/>	Answer the service/maintenance consultation.
<input type="checkbox"/>	Service/maintenance reservation acceptance.
<input type="checkbox"/>	Annual inspection reminding/acceptance.
<input type="checkbox"/>	Regular greeting revisit, service activity reminded revisit and important holiday greeting.
<input type="checkbox"/>	Other demands from the user.
4. "Person-to-Person" Consultative Service Relationship Establishment:	
Service consultant business card	
Signature of User/Date:	
Signature of Service Consultant/Date:	

1-5. New Vehicle Inspection

New Vehicle Inspection

The dealer of sales & service has inspected your vehicle according to the regulations of Chery before deliver the vehicle to you. The dealer of sales & service of Chery Auto should fill the delivery date in the inspection certificate and affix the official seal of dealer unit.

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

Delivery Inspection Certificate

IN WITNESS WHEREOF, this vehicle has pass delivery inspection as regulated by Chery Automobile Co., Ltd. and quality meets technical specification of Chery.

Vehicle Model	
Vehicle Identification Number (VIN)	
Engine Number or Transmission Number	
Vehicle Registration Number	
Official Seal of Dealer of Sales & Service:	
Signature of Dealer of Sales & Service:	
Delivery Date	
User	
Address	
E-mail	
Telephone	
Have provided and explained the following items for me:	
<ul style="list-style-type: none"> ● VEHICLE ● USER MANUAL ● PRE-DELIVERY INSPECTION 	
Signature of User:	
Signature of Dealer of Sales & Service:	

1-6. New Vehicle Break-in

New Vehicle Break-in

Since the frictional resistance between the moving parts of new vehicle is much larger in the initial use than normal conditions. The break-in effect of initial use will have a great impact on the vehicle's life, operation reliability and economy, so the use of new vehicle must strictly enforce the regulations. The break-in period is 3,000 kilometers in general.

■ Driving regulations of new vehicle break-in period

Within the first 1,000 km:

- Prohibit driving at full speed;
- Driving speed should not be more than 100 km/h;
- Avoid driving at maximum speed in each gear.

Within the first 1,000 - 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, it is necessary to shift to the appropriate gear. When the engine is cold, do not run the engine at its maximum speed whether in neutral or in other driving gears.

■ Tire and wheel break-in recommendations:

When starting to use new tires, the best adhesion is not available. Therefore, new tires also need break-in, so the vehicle should be driven slowly and especially carefully within the first 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 200 km. If the braking efficiency is slightly worse at this stage, increasing depression force on the pedal appropriately. This condition also applies to the each replacement of braking lining later.

ENVIRONMENTAL PROTECTION

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

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

Saving Fuel

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

The followings are specific tips for fuel saving:

1. Make sure to maintain proper tire inflation pressure. Insufficient tire inflation pressure will lead to tire wear and fuel waste (More details, refer to "8-2. Checking Tire Inflation Pressure").
2. The vehicle should not be loaded with unnecessary weight. Heavy load increases engine load, resulting in high fuel consumption.
3. Avoid warm-up idling for a long time. The vehicle can be driven once the engine runs smoothly. The warm-up time in cold winter will be longer than other seasons.
4. Accelerate slowly and smoothly. Avoid sudden starting.
5. Avoid engine idling for a long time. If you need to park vehicle and wait for a long time, you should turn off the engine and turn it on again later.
6. Avoid engine out of gear or overspeed. 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. Driving following the traffic lights can minimize parking times, or take full advantage of road without traffic lights to drive vehicle. Maintain a proper driving distance with other vehicles to avoid sudden braking. It will also reduce brake wear.
9. Avoid areas with heavy traffic or traffic jams as much as you can.
10. Do not hold your foot on clutch or brake pedals for a long time. This will cause premature wear, overheating and high fuel consumption.
11. Keep a proper vehicle speed on the highway. The faster 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 tire wear, but also increase engine load.
13. Avoid contacting vehicle chassis with mud, etc.
14. Adjust vehicle and keep it 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. You must perform maintenance periodically if you want to extend your vehicle's life and reduce your driving costs. Your vehicle needs to be serviced

1.INTRODUCTION

more frequently if you always driving under severe conditions.

CAUTION

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

1-8. Precautions Before Driving Vehicle

Safety Check

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

WARNING

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

Before Starting Engine

■ Outside vehicle

1. Tires (including spare tire): Check tire pressure with a tire pressure gauge and carefully check tires 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 tire.
2. Seat belts: Check if the buckles can be locked securely. Make sure belts are not worn or frayed.
3. Instrument cluster and controls: Especially make 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 (More details, refer to "8-2. Checking Coolant Level").
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 (Please refer to "Exhaust Gas" in this section).
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 (More details, refer to "8-2. Checking Engine Oil Level").

When Driving

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

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Parking Operations

Proper parking is an important part of safety driving, park the vehicle in a place with wide road, good view without affecting traffic. Parking operation steps are as follows:

1. Depress clutch (vehicle with manual transmission) and brake pedal until the vehicle is completely stopped.
2. Confirm that the electronic parking is enabled.
3. For vehicle with automatic transmission: Move shift lever to "P" position. For vehicle with manual transmission: Move shift lever to neutral position.
4. Turn engine start stop switch to OFF mode.

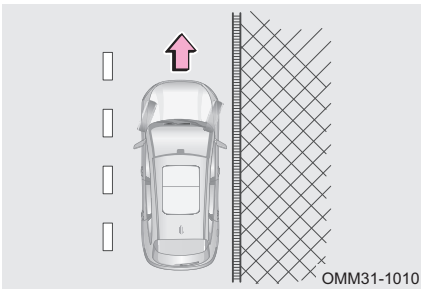
CAUTION

When you leave vehicle, make sure to lock your vehicle and carry the vehicle's key with you.

Parking on Slope

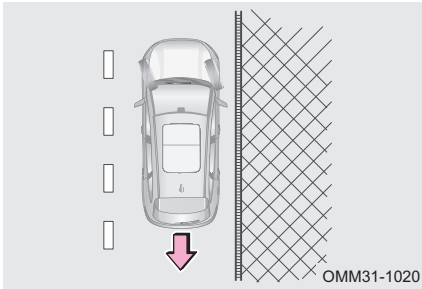
Parking vehicle on a slope is mainly by brake force of park brake. Failure to apply park brake or park brake malfunction may cause the vehicle slide downwards along slope and personal injury or damage to vehicle. When parking on a slope, it is better to face tires toward one side of vehicle, to prevent vehicle from moving accidentally.

■ Parking on downhill with curb



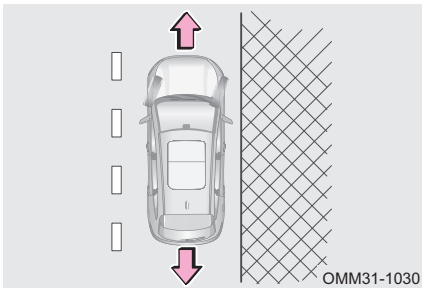
If there is curb on roadside, turn steering wheel to right by a certain angle to make front part of front right wheel close to or against the curb, to prevent vehicle from sliding forward along the slope, then apply the park brake.

■ Parking on uphill with curb



If there is curb on roadside, turn steering wheel to left by a certain angle to make rear part of front right wheel close to or against the curb, to prevent vehicle from sliding backward along the slope, then apply the park brake.

■ Parking on uphill or downhill (without curb)



If there is no curb on roadside, turn steering wheel right by a large angle, to prevent vehicle from driving into center of road after sliding forward/backward along the slope. Turn steering wheel to side of road so that vehicle is far away from center of road when moving, then apply the park brake.

■ Carrying passengers

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

■ Locking the vehicle

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

■ Exhaust gas

- Avoid inhaling the engine exhaust gas. It contains carbon monoxide (CO), which is a harmful, colorless and odorless gas. It can cause unconsciousness or even death after inhaling.
- Make sure the exhaust system has no leakage holes or loose connections. The exhaust system should be checked usually. If a change in exhaust gas sound is found, please have the system checked immediately.
- Do not run the engine in a garage or an enclosed area except for the time needed to drive the vehicle in or out. The exhaust gas cannot escape, which may cause serious injury.

1.INTRODUCTION

- Do not stay in a parked vehicle for a long time with the engine running. If it is unavoidable, vehicle should be parked in an 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 the exhaust fumes;
2. When you notice a change in the sound of exhaust system;
3. When exhaust system is damaged due to vehicle collision;
4. When lifting the vehicle for inspection and repair.

1-9. Off-road Driving Precautions

Off-road Driving

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

- Be careful when driving off the road. Do not drive in dangerous areas.
- Place both hands on the outer ring of the steering wheel when driving off the road.
- Always check your brakes for effectiveness immediately after driving on the road 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 personnel injury. You are also risking expensive damage to your vehicle's suspension and chassis.

1-10.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 road will be slippery.

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

CAUTION

- Sudden braking, acceleration and steering on slippery road surfaces may cause tire slippage and reduce your ability to control vehicle, resulting in an accident.
- Sudden changes in engine speed, such as sudden engine 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.

Driving Through Water



The vehicle could be seriously damaged when driving on a road that has flooded after heavy rain. If driving through water is unavoidable, check the depth of the water and drive slowly and carefully.

1. When you are driving through water, make sure that the engine runs properly and that the steering and braking system work normally. When driving smoothly through water, you should switch to low gear and avoid a sudden depression of the accelerator pedal or a rush driving. Doing so may prevent water from splashing into the engine.
2. Depress and hold accelerator pedal while driving, make sure vehicle has adequate and stable power. You should drive through without half-way stopping, gear shifting or sharp turning.
3. If vehicle stalls in water, never restart it immediately to prevent further damage to engine. The vehicle should be towed to a safe place where the water is shallow to find out the cause.

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 has 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 for several times to dry the brakes off.

1-11.Winter Driving Precautions

Winter Driving Tips

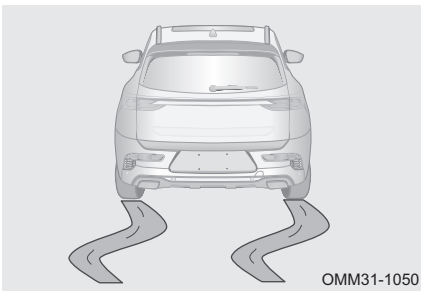
- Coolant: Make sure that coolant has anti-freezing function. Only use coolant recommended by Chery. More details about coolant type selection, refer to "9-2. Cooling System".
- Battery and cables: Low temperature will decrease power of battery. Sufficient power should be stored in battery for starting in winter.
- Oil: In winter, it is recommended to choose appropriate engine oil according to the local temperature condition. The lower viscosity at low temperature, the better fluidity at low temperature, indicating that the lower the ambient temperature at which the oil can be used. More details about oil type selection, refer to "9-2. Lubrication System".
- 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 Chery authorized service stations and most vehicle component distributors.

- **Mudguards:** Avoid ice and snow accumulation under mudguards. Failure to do so may cause difficult steering. When driving in cold weather, you should often stop vehicle to check for ice and snow accumulation under mudguards. It is recommended that you should take some necessary emergency items with you depending on different driving destinations. Items that need to be put in vehicle: tire chains, window snow scraper, sand or salt bag, signal flasher, shovel, jumper cable, 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 tire and road surface when driving on wet or slushy roads. This may prevent the steering and braking from operating properly. To reduce the torque and avoid slipping, you can use 2nd gear (vehicle with manual transmission) when starting off vehicle on ice or snow covered road surfaces. 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.

Tire Chains

Purchase a set of tire chains that match size of the vehicle tires.

Pay attention to the following precautions when installing and removing chains:

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

CAUTION

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

- Regulations regarding the use of tire chains vary depending on location and type of road. Always check local regulations before installing tire chains.
- Be sure to use chains that are suitable for your vehicle. Installing chain will effect vehicle handling, please drive carefully. Using improper chains or improper installing of chains may cause an accident and lead to injuries;
- Please follow the instructions provided by the manufacturer of the chains to install and remove chains, park the vehicle in a safe place before installation and removal. Be sure to turn off the engine before installing chains (automatic transmission is in P position), place the traffic warning signs if necessary;
- Do not drive vehicle more than 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 and decelerate suddenly etc.

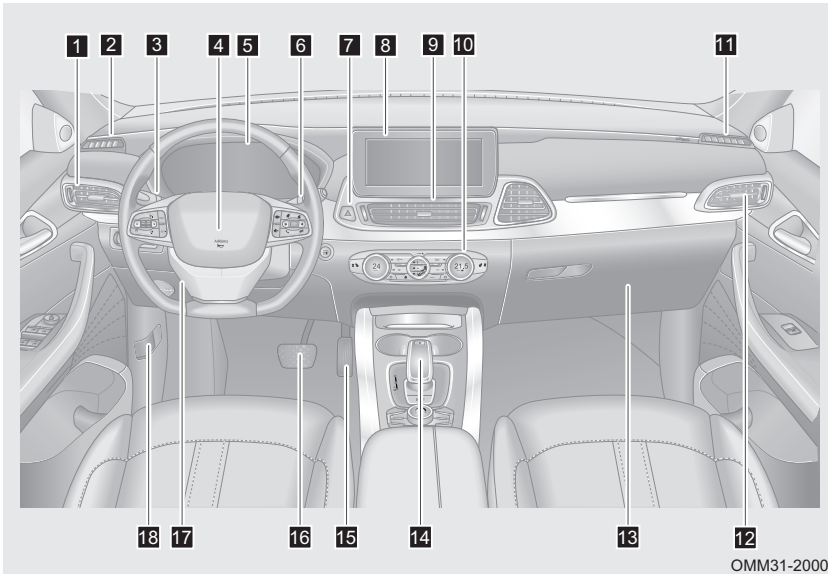
INSTRUMENT PANEL

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2. INSTRUMENT PANEL

2-1. Instrument Panel Overview

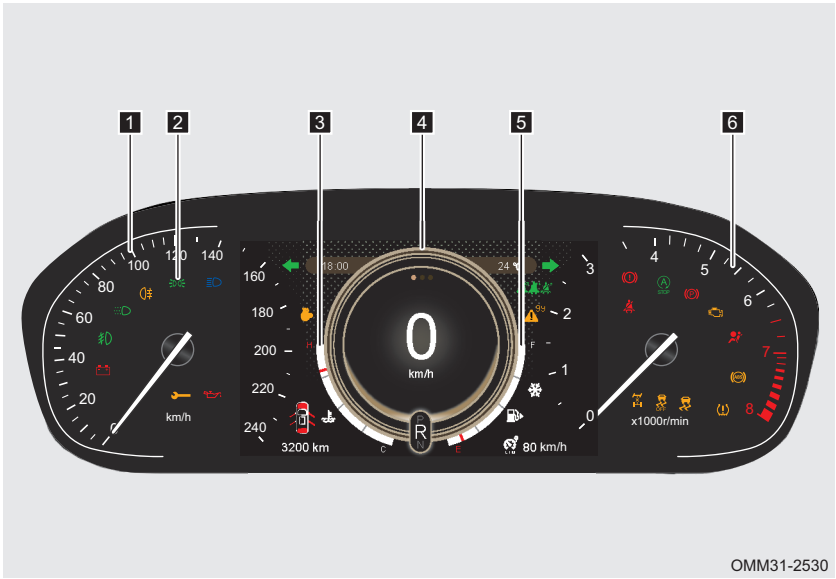
Instrument Panel Configuration Overview



- | | | |
|--|--|--|
| 1 Air conditioning left side outlets | 7 Hazard light switch | 13 Glove box |
| 2 Air conditioning left side defrosting outlets | 8 Audio system | 14 Shift lever |
| 3 Headlight combination switch | 9 Center outlets | 15 Accelerator pedal |
| 4 Driver airbag/horn | 10 A/C control panel | 16 Brake pedal |
| 5 Instrument cluster | 11 Air conditioning right side defrosting outlets | 17 Instrument panel storage box |
| 6 Wiper combination switch | 12 Air conditioning right side outlets | 18 Hood release lever |

2-2. Instrument Cluster (Ordinary)

Instrument Cluster



OMM31-2530

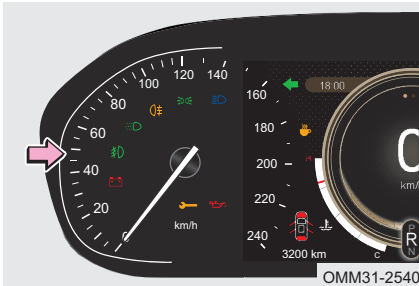
- 1** Speedometer

2 Warning lights and indicator lights
- 3** Engine coolant temperature gauge

4 Multi-functional display area
- 5** Fuel gauge

6 Tachometer

Speedometer



OMM31-2540

Speedometer uses pointer to indicate current vehicle speed (Unit: km/h).

CAUTION

Speedometer is affected by tire size used in vehicle. Only tires of original size can be used, otherwise the speedometer will not indicate the correct speed. For details of tire specifications, refer to "9-2. Vehicle Specifications".

2.INSTRUMENT PANEL

Tachometer



Tachometer uses pointer to indicate current engine speed (Unit: x1000 rpm).

Red scale on dial indicates allowable maximum engine speed range after break-in period of vehicle. Do not drive vehicle within this range for a long time.

CAUTION

- Do not keep engine speed at the red scale value for a long time, or engine may be seriously damaged.
- Do not run engine at high speed during break-in period.

Fuel Gauge



Fuel gauge is used to indicate current amount of remaining fuel in the fuel tank.

To get an accurate fuel gauge reading, stop the vehicle on level ground and turn engine start stop switch to ON mode, observe the fuel gauge display to judge the current remaining fuel.

Fuel tank capacity: 55 L

When fuel gauge indicates near E area or if white fuel level indicator turns red, it indicates that the fuel is insufficient. Please add fuel as soon as possible.

CAUTION

When the vehicle is accelerating, sudden braking, sharp turns or driving on a sloping road, the fuel gauge reading might be inaccurate.

■ When system detects that the remaining fuel of vehicle is insufficient, continue driving may affect the use safety of engine if low fuel level warning indicator comes on and fuel is not replenished in time, therefore, corresponding reminders are set on EXEED vehicle, and the reminding methods are as follows:

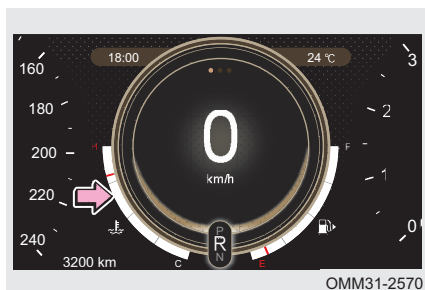
- Lighting the engine malfunction indicator to remind;
- Increasing text reminder of "Engine malfunction, slow down and contact 4S store" in instrument cluster;

Above reminders do not indicate an engine malfunction, and aim to remind customers to add fuel with the same octane number in time only.

■ After refueling as specified, perform operation in following method to turn off engine malfunction indicator and make text reminder disappear:

- After an enough refueling, low fuel level warning Indicator goes off and vehicle can be driven normally at this time. After driving, stall the engine and park vehicle for at least one hour before the next start of engine.
- Repeat the above operations 3 cycles to eliminate all the malfunction indicator and text reminders. This step of operation can be performed during the period between two uses of vehicle and deliberate wait is not necessary. Pay attention to the timely replenishing of fuel for the following use of vehicle;
- Contact EXEED dealer if necessary, and the service technician can eliminate the reminders using specialized equipment.

Engine Coolant Temperature Gauge



When engine start stop switch is turned to ON mode, it indicates current engine coolant temperature.

- In C or approaching C (low temperature range)

When engine coolant temperature gauge is in C or near C area, it indicates that engine coolant temperature is low. Within this temperature range, do not run engine at high speed and the engine load should not be too large.

After engine is started, it may stay in this range for a short time. If engine coolant temperature gauge indication remains in this temperature range for a long time, please contact Chery authorized service station for inspection and repair as soon as possible.

2.INSTRUMENT PANEL

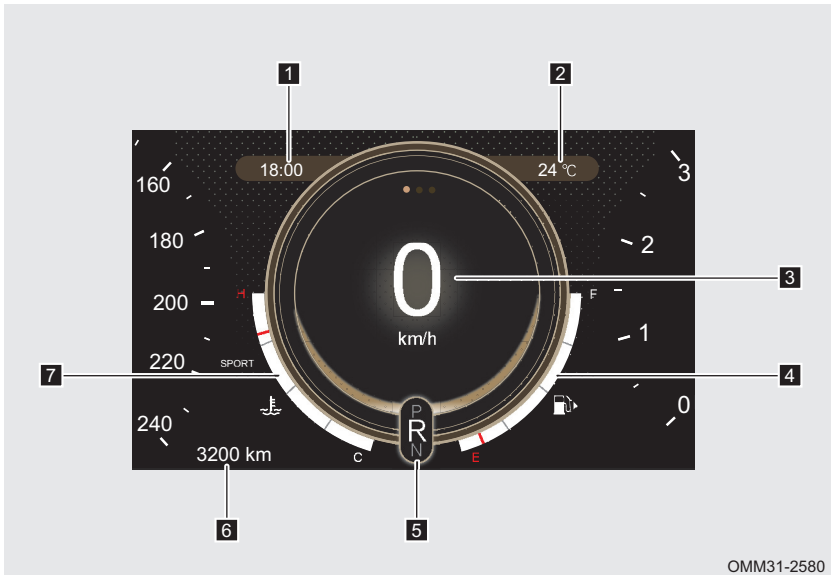
● In H or approaching H (high temperature range)

When engine coolant temperature gauge indication approaches H range or white coolant temperature indicator turns red, it indicates that engine coolant temperature is high. Drive the vehicle to a safe area and stop it, turn off engine start stop switch after idling for several minutes. Please contact Chery authorized service station for inspection and repair immediately.

! WARNING

Never open the coolant reservoir cap if the engine is hot. 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.

Multi-functional Display Area



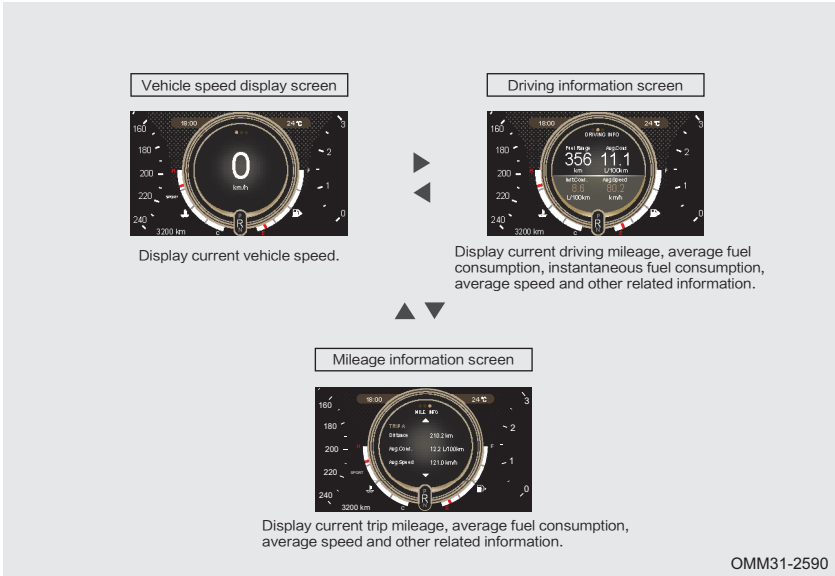
OMM31-2580

- | | | |
|-------------------------|--------------------------|------------------------------------|
| 1 Time | 4 Fuel gauge | 6 Total mileage |
| 2 Outside temperature | 5 Gear range information | 7 Engine coolant temperature gauge |
| 3 Current vehicle speed | | |

■ Conventional display and inquiry setting screen

● Conventional display screen

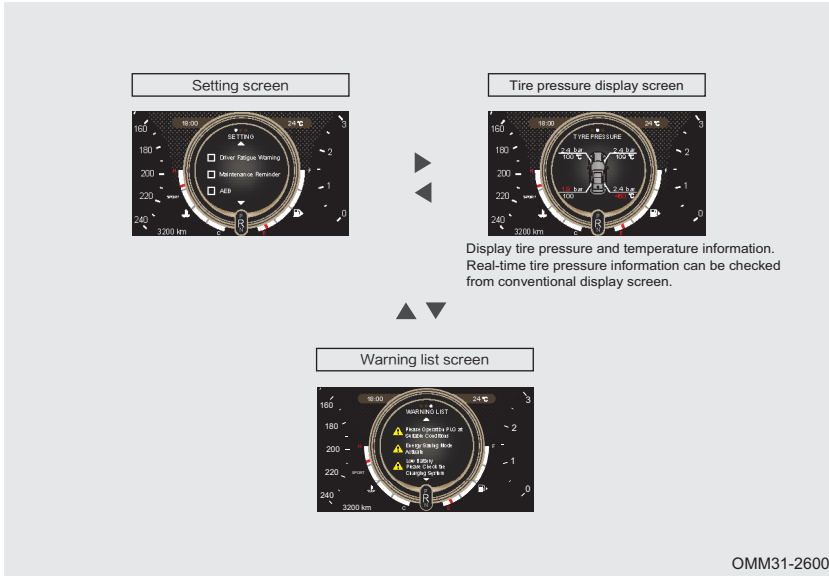
Conventional display screen includes the following screens, press steering wheel combination button "◀▶" briefly to cycle the following screens.



2.INSTRUMENT PANEL

● Inquiry setting screen

On conventional display screen, press steering wheel combination button " **MENU** " briefly to enter inquiry setting screen, and press steering wheel combination button " **◀▶** " briefly to cycle the following screens.



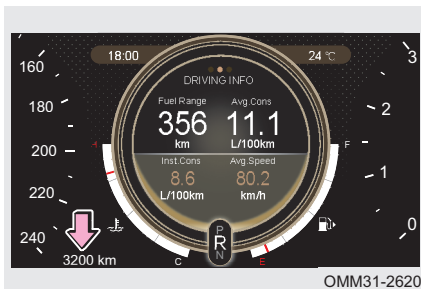
READ

Information screens are for reference only. Please subject to the actual vehicle.

Conventional Display

■ Driving information

● Total mileage

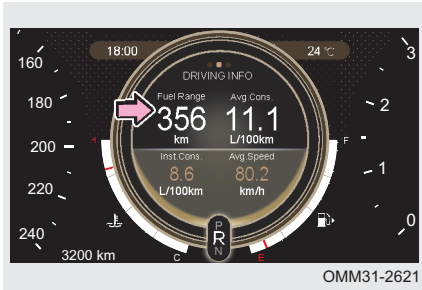


Display the total mileage of the vehicle.

The displayed range of total mileage is 0 ~ 999999 km.

It will always display "999999" km if it exceeds the range.

● Driving mileage

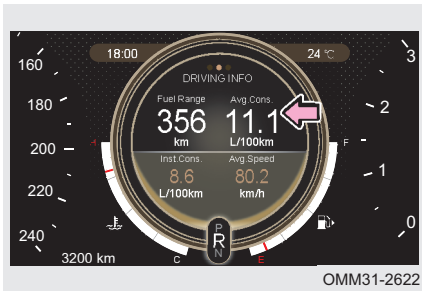


Display driving mileage of the vehicle. The estimated maximum distance that can be driven with current remaining fuel.

If only a small amount of fuel is added to the fuel tank, the display may not be updated.

Driving mileage is calculated by the on-board computer and can only be used as a reference.

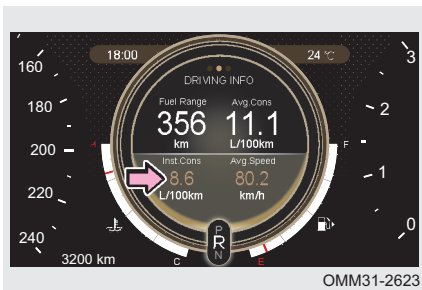
● Average fuel consumption



Display average fuel consumption of the vehicle.

Average fuel consumption is calculated by the on-board computer and can only be used as a reference.

● Instantaneous fuel consumption

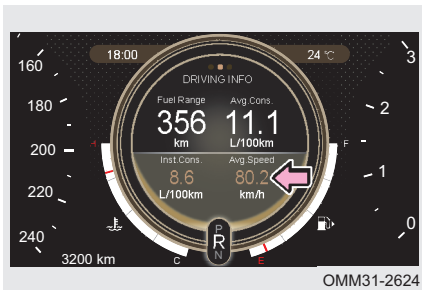


Display instantaneous fuel consumption of the vehicle.

After starting the engine and accelerating, the instantaneous fuel consumption of engine is extremely high. It is a normal phenomenon.

Instantaneous fuel consumption is calculated by the on-board computer and can only be used as a reference.

● Average vehicle speed

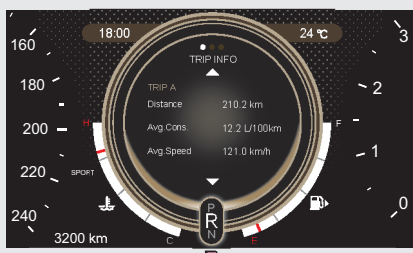


Display average vehicle speed of the vehicle.

Average vehicle speed is calculated by the on-board computer and can only be used as a reference.

2. INSTRUMENT PANEL

■ Mileage information



OMM31-2543



OMM31-2544

Display mileage information of the vehicle.

Mileage information of the vehicle is divided into Trip A and Trip B.

On conventional display screen, press steering wheel combination button "◀▶" briefly to select mileage information screen, and push steering wheel combination button "☰" to select Trip A/Trip B.

It can be used to calculate distance between two locations after trip mile Trip A/Trip B is reset.

Trip A : It will be reset and accumulated again if mileage exceeds 999.9 km or if vehicle is restarted.

Trip B : It is reset by pressing steering wheel combination button "☰" briefly.

Display range of Trip B is 0 ~ 9999.9 km. When it exceeds 9999.9 km, it will be reset and accumulated again.

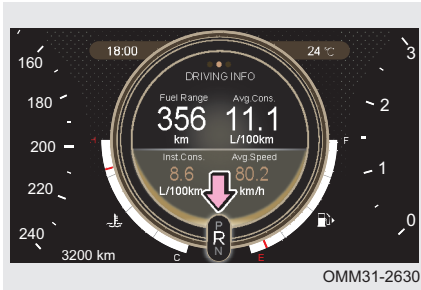
■ Gear range display



OMM31-2631

Display the currently selected gear range information (in manual mode or the current gear range).

■ Shifting prompt (in manual mode)



Display the shifting prompt signal.

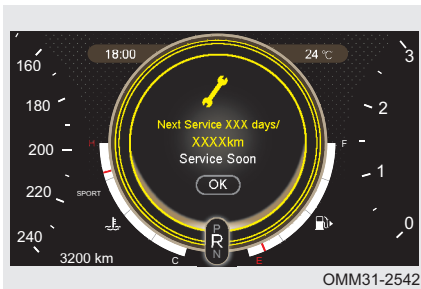
On-board computer displays arrow and target gear range according to current conditions to prompt user to perform a reasonable shifting operation.

When the arrow direction is "▲", it prompts you to perform an up-shifting operation;

When the arrow direction is "▼", it prompts you to perform a down-shifting operation;

The up-shifting and down-shifting information is for reference only. Always perform up-shifting or down-shifting operation according to actual situations.

■ Maintenance reminder



It prompts that vehicle needs to be maintained.

When maintenance is not reset, it compares maintenance mileage with the first maintenance mileage, if it reaches the first maintenance mileage, maintenance indicator on multi-functional display area comes on. After maintenance mileage is reset, it compares maintenance mileage with maintenance intervals, when it reaches maintenance interval, maintenance indicator on multi-functional display area comes on.

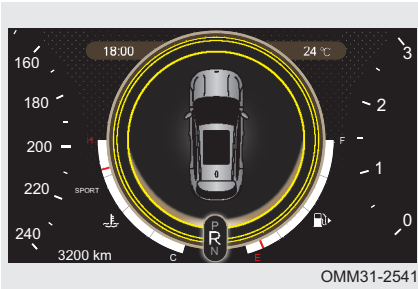


READ

The maintenance mileage must be reset after each maintenance, and the maintenance mileage will not be lost due to power cutoff.

2. INSTRUMENT PANEL

■ Doors status display



It is used to indicate opening and closing condition of any side doors.

When vehicle speed is ≤ 25 km/h with a door open, the buzzer will not sound but the corresponding door symbol will turn on; when vehicle speed is ≥ 25 km/h, the buzzer will sound to inform driver to close the door.

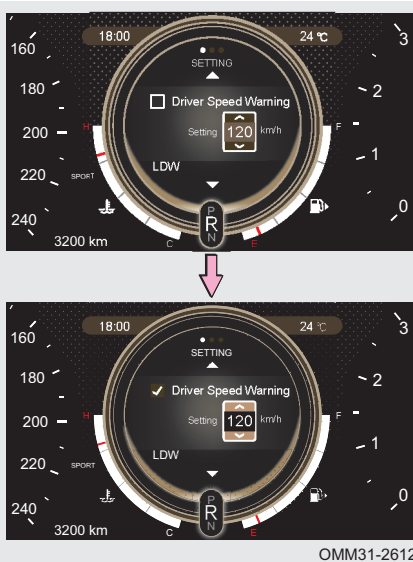
⚠ WARNING

Do not drive the vehicle with any door open or not fully closed to prevent the passenger from being thrown out due to sudden open of door, resulting in serious injury or death.





Inquiry Setting

■ Setting

● Vehicle speed warning



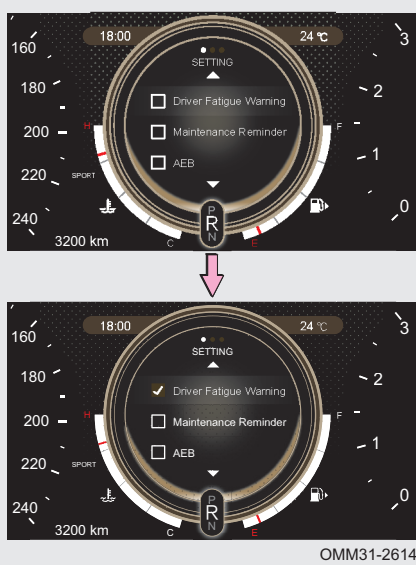
Vehicle speed warning can be set to ON/OFF by operating steering wheel combination buttons:

1. On setting screen, push steering wheel combination button " " to select vehicle speed warning, and then press steering wheel combination button " " briefly to open and enter vehicle speed warning setting screen.
2. On vehicle speed warning setting screen, push steering wheel combination button " " to set the vehicle speed to warning, and then press steering wheel combination button " " briefly to save and exit setting.



READ


- The vehicle speed value changes by 5 km/h every time.
- The vehicle speed can be set between 30 km/h and 240 km/h.

● Fatigue warning

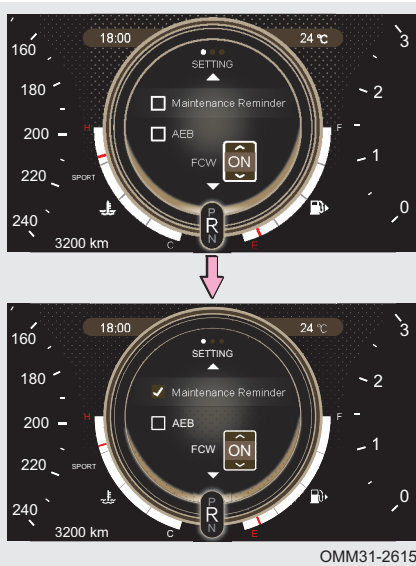


Fatigue warning can be set to ON/OFF by operating steering wheel combination buttons:



On setting screen, push steering wheel combination button " " to select fatigue warning, and then press steering wheel combination button " " briefly to turn the fatigue warning to ON.

 READ
Fatigue warning is set to 2 hours by default.

● Maintenance reminder



Maintenance reminder can be set to ON/OFF by operating steering wheel combination buttons:

On setting screen, push steering wheel combination button " " to select maintenance reminder, and then press steering wheel combination button " " briefly to turn the maintenance reminder to ON.

2.INSTRUMENT PANEL




READ

- The maintenance mileage must be reset after each maintenance, and the maintenance mileage will not be lost due to power cutoff.
- After each vehicle maintenance, maintenance reminder will be cleared by Chery authorized service station.

■ Warning list screen



When on-board computer detects that the system is malfunctioning or its information is abnormal, the warning information will be immediately displayed in multi-functional display area one by one and recorded in warning list screen after the engine start stop switch is turned on.

On warning list screen, push steering wheel combination button "  " to check the warning list information.



READ

If an abnormal warning prompt occurs, please check the vehicle according to the prompt information. If the fault cannot be troubleshooted, please turn off the engine, and contact Chery authorized service station for inspection and repair immediately.

2-3. Instrument Cluster (Liquid Crystal)

Instrument Cluster



2

INSTRUMENT PANEL

- 1 Engine coolant temperature gauge
- 2 Speedometer

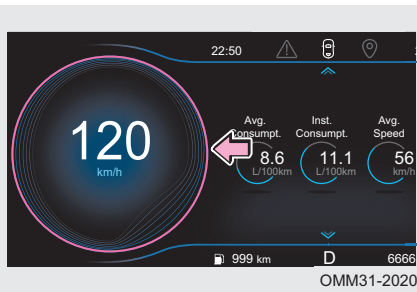
- 3 Warning lights and indicator lights
- 4 Multi-functional display area

- 5 Tachometer
- 6 Fuel gauge

OMM31-2010

2.INSTRUMENT PANEL

Speedometer



Speedometer uses digital to indicate current vehicle speed (Unit: km/h).

CAUTION

Speedometer is affected by tire size used in vehicle. Only tires of original size can be used, otherwise the speedometer will not indicate the correct speed. For details of tire specifications, refer to " 9-2. Vehicle Specifications ".

Tachometer



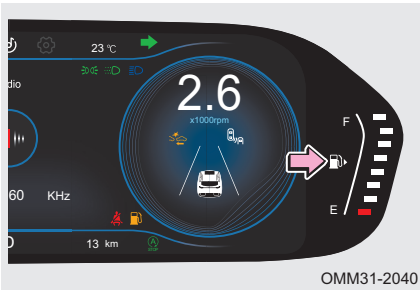
Tachometer uses digital to indicate current engine speed (Unit: x1000 rpm).

After break-in period of vehicle, it is allowed to reach the high engine speed range (6000 - 8000 rpm). Do not drive vehicle within this range for a long time.

CAUTION

- Do not keep engine speed at 6000 rpm or more for a long time, or engine may be seriously damaged.
- Do not run engine at high speed during break-in period.

Fuel Gauge



Fuel gauge is used to indicate current amount of remaining fuel in the fuel tank.

To get an accurate fuel gauge reading, stop the vehicle on level ground and turn engine start stop switch to ON mode, observe the fuel gauge display to judge the current remaining fuel.

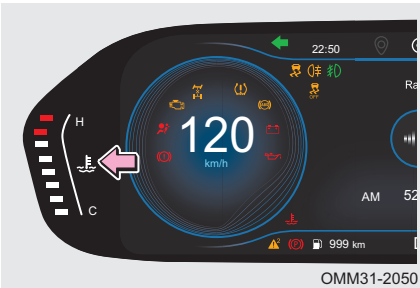
Fuel tank capacity: 55 L

When fuel gauge indicates near E area or the low fuel level warning light comes on, it indicates that remaining fuel is insufficient. Please add fuel as soon as possible.

CAUTION

When the vehicle is accelerating, sudden braking, sharp turns or driving on a sloping road, the fuel gauge reading might be inaccurate.

Engine Coolant Temperature Gauge



When engine start stop switch is turned to ON mode, it indicates current engine coolant temperature.

- In C or approaching C (low temperature range)

When engine coolant temperature gauge is in C or near C area, it indicates that engine coolant temperature is low. Within this temperature range, do not run engine at high speed and the engine load should not be too large.

After engine is started, it may stay in this range for a short time. If engine coolant temperature gauge indication remains in this temperature range for a long time, please contact Chery authorized service station for inspection and repair as soon as possible.

2.INSTRUMENT PANEL

● In H or approaching H (high temperature range)

When engine coolant temperature gauge indication approaches H range or high coolant temperature warning light comes on, it indicates that engine coolant temperature is high. Drive the vehicle to a safe area and stop it, turn off engine start stop switch after idling for several minutes. Please contact Chery authorized service station for inspection and repair immediately.

⚠ WARNING

Never open the coolant reservoir cap if the engine is hot. 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.

Multi-functional Display Area



1 Speedometer

2 Time

3 Navigation column

4 Outside temperature

5 Tachometer

6 Total mileage

7 Gear range information

8 Driving mileage

■ Conventional display and vehicle information screen

● Conventional display screen



Conventional display screen includes the following screens, press steering wheel combination button "◀▶" briefly to cycle the following screens.

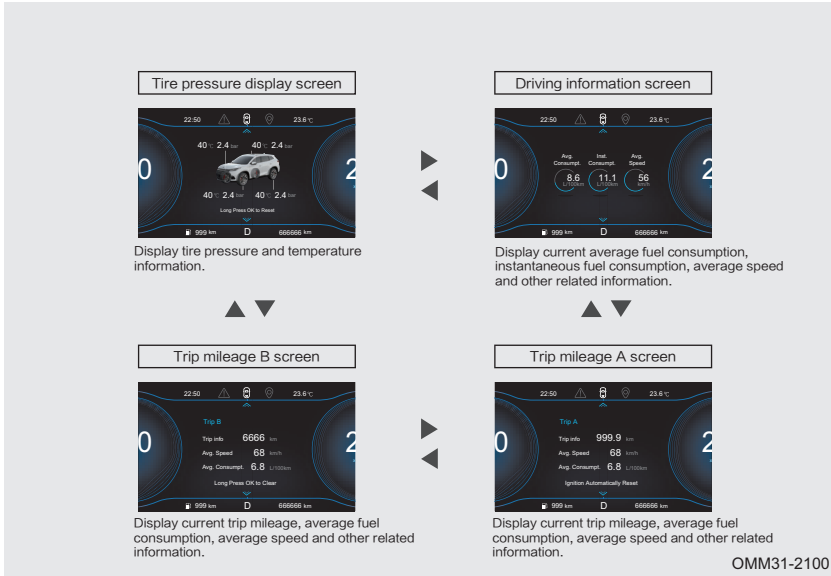


OMM31-2090

2.INSTRUMENT PANEL

● Vehicle information screen

On tire pressure display screen, push steering wheel combination button "  " to enter vehicle information screen, and push steering wheel combination button "  " to cycle the following screens.



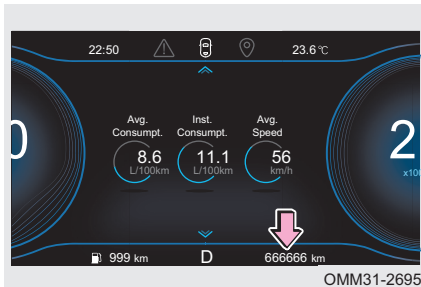
READ

Information screens are for reference only. Please subject to the actual vehicle.

Conventional Display

■ Driving information screen

● Total mileage

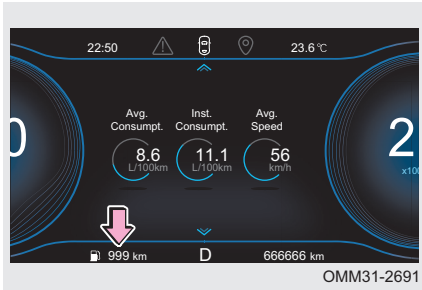


Display total mileage of the vehicle.

The displayed range of total mileage is 0 ~ 999999 km.

It will always display 99999 km if it exceeds the range.

● Driving mileage

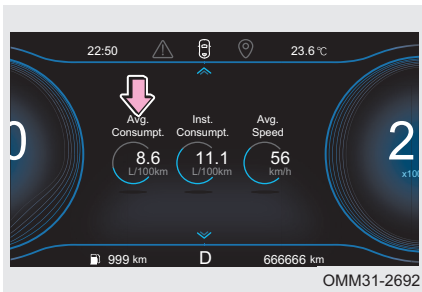


Display driving mileage of the vehicle. The estimated maximum distance that can be driven with current remaining fuel.

If only a small amount of fuel is added to the fuel tank, the display may not be updated.

Driving mileage is calculated by the on-board computer and can only be used as a reference.

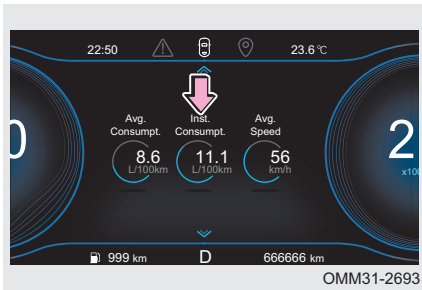
● Average fuel consumption



Display average fuel consumption of the vehicle.

Average fuel consumption is calculated by the on-board computer and can only be used as a reference.

● Instantaneous fuel consumption

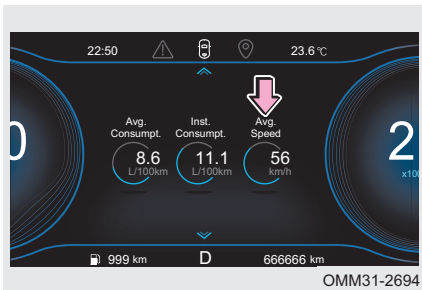


Display instantaneous fuel consumption of the vehicle.

After starting the engine and accelerating, the instantaneous fuel consumption of engine is extremely high. It is a normal phenomenon.

Instantaneous fuel consumption is calculated by the on-board computer and can only be used as a reference.

● Average vehicle speed

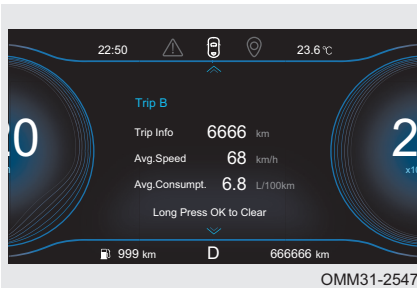


Display average vehicle speed of the vehicle.

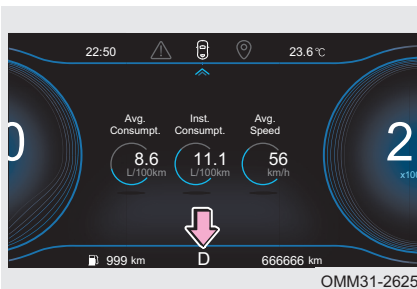
Average vehicle speed is calculated by the on-board computer and can only be used as a reference.

2.INSTRUMENT PANEL

■ Mileage information screen



■ Gear range display



Display mileage information of the vehicle.

Mileage information of the vehicle is divided into Trip A and Trip B.

On conventional display screen, press steering wheel combination button "◀▶" briefly to select mileage information screen, and push steering wheel combination button "⏏" to select Trip A/Trip B.

It can be used to calculate distance between two locations after Trip A/ Trip B is reset.

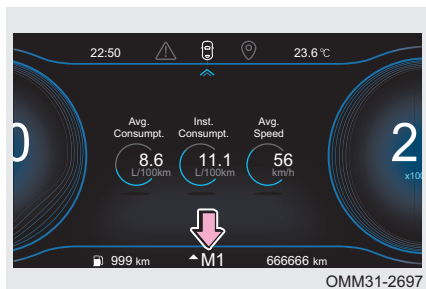
Trip A: It will be reset and accumulated again if it exceeds 9999.9 km or if vehicle is restarted.

Trip B: It is reset by long pressing steering wheel combination button "⏏".

Display range of Trip B is 0 ~ 9999.9 km. When it exceeds 9999.9 km, it will be reset and accumulated again.

Display the currently selected gear range information (in manual mode or the current gear range).

■ Shifting prompt (in manual mode)



Display the shifting prompt signal.

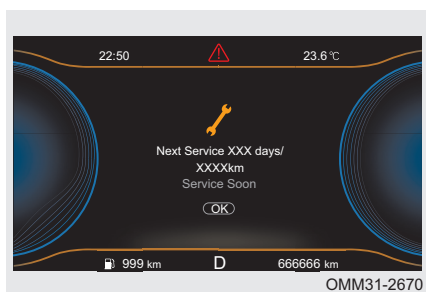
On-board computer displays arrow and target gear range according to current conditions to prompt user to perform a reasonable shifting operation.

When the arrow direction is "▲", it prompts you to perform an up-shifting operation;

When the arrow direction is "▼", it prompts you to perform an down-shifting operation;

The up-shifting and down-shifting information is for reference only. Always perform up-shifting or down-shifting operation according to actual situations.

■ Maintenance reminder



It prompts that vehicle needs to be maintained.

When maintenance is not reset, it compares maintenance mileage with the first maintenance mileage, if it reaches the first maintenance mileage, maintenance indicator on multi-functional display area comes on. After maintenance mileage is reset, it compares maintenance mileage with maintenance intervals, when it reaches maintenance interval, maintenance indicator on multi-functional display area comes on.

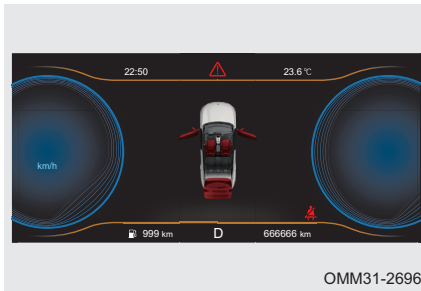


READ

The maintenance mileage must be reset after each maintenance, and the maintenance mileage will not be lost due to power cutoff.

2.INSTRUMENT PANEL

■ Doors status display



It is used to indicate opening and closing condition of any side doors.

When vehicle speed is ≤ 25 km/h with a door open, the buzzer will not sound but the corresponding door symbol will turn on; when vehicle speed is ≥ 25 km/h, the buzzer will sound to inform driver to close the door.

! WARNING




Do not drive the vehicle with any door open or not fully closed to prevent the passenger from being thrown out due to sudden open of door, resulting in serious injury or death.

Inquiry Setting

● Speed limit warning



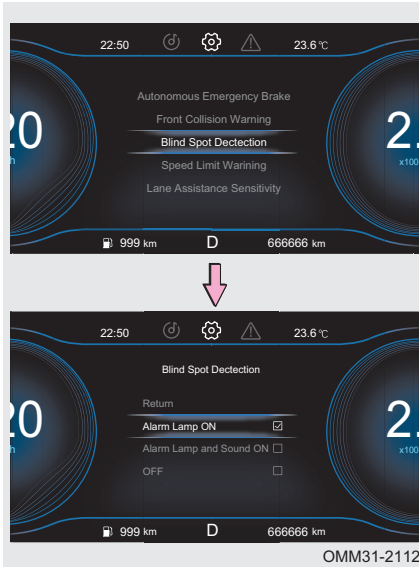
Speed limit warning can be set to ON/OFF by operating steering wheel combination buttons:

1. On setting screen, push steering wheel combination button " " to select speed limit warning, and then press steering wheel combination button " " briefly to enter speed limit warning setting screen.
2. On speed limit warning setting screen, press steering wheel combination button " " briefly to select ON/OFF of speed limit warning, and the setting will be saved automatically while going back to the previous menu.




READ

- The vehicle speed value changes by 5 km/h every time.
- The vehicle speed can be set between 30 km/h and 240 km/h.

● Blind spot monitor






Blind spot monitor system can be set to ON/OFF by operating steering wheel combination buttons:

1. On setting screen, push steering wheel combination button " " to select blind spot detection, and then press steering wheel combination button " " briefly to enter blind spot detection setting screen.
2. On blind spot detection setting screen, push steering wheel combination button " " to select alarm lamp ON/alarm lamp and sound ON/OFF, and the setting will be saved automatically while going back to the previous menu.

● Fatigue Warning



Fatigue warning can be set to ON/OFF by operating steering wheel combination buttons:

1. On setting screen, push steering wheel combination button " " to select fatigue warning, and then press steering wheel combination button " " briefly to enter fatigue warning setting screen.
2. On fatigue warning setting screen, push steering wheel combination button " " to select ON/OFF of fatigue warning, and the setting will be saved automatically while going back to the previous menu.



READ




Fatigue warning is set to 2 hours by default.

2. INSTRUMENT PANEL

● Maintenance reminder



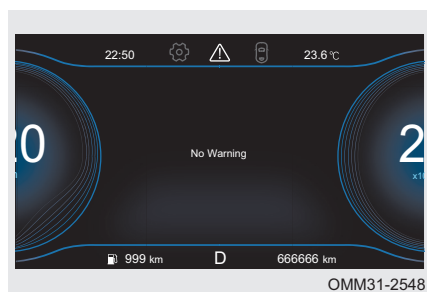
Maintenance reminder can be set to ON/OFF by operating steering wheel combination buttons:

1. On setting screen, push steering wheel combination button " " to select maintenance reminder, and then press steering wheel combination button " " briefly to enter maintenance reminder setting screen.
2. On maintenance reminder setting screen, push steering wheel combination button " " to select ON/OFF of maintenance reminder, and the setting will be saved automatically while going back to the previous menu.


READ

- The maintenance mileage must be reset after each maintenance, and the maintenance mileage will not be lost due to power cutoff.
- After each vehicle maintenance, maintenance reminder will be cleared by Chery authorized service station.

● Fault information screen



When on-board computer detects that the system is malfunctioning or its information is abnormal, the warning information will be immediately displayed in multi-functional display area one by one and recorded in fault information screen after the engine start stop switch is turned on.

On fault information screen, push steering wheel combination button " " to check the fault information.

READ

If an abnormal warning prompt occurs, please check the vehicle according to the prompt information. If the fault cannot be troubleshooted, please turn off the engine, and contact Chery authorized service station for inspection and repair immediately.








2-4. Operation Indicators and Malfunction Indicators

Operation Indicators and Malfunction Indicators









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








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

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




	Daytime running indicator	Daytime running indicator comes on when engine is started.
	Position light indicator	When the position lights are turned on, the indicator comes on.
	Turning light indicator	When the left or right turn signal lights are turned on, the corresponding turn signal indicator flashes. When hazard light switch is turned on, both left and right turn signal indicators will flash simultaneously.
	High beam 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 lights are turned on, the front fog light indicator comes on.
	Rear fog light indicator	When rear fog lights are turned on, the rear fog light indicator comes on.
	Front seat belt reminder light	When engine start stop switch is turned to ON mode, if the driver seat belt or front passenger seat belt is not fastened or not fastened firmly, the reminder light will come on continuously. If vehicle speed reaches 25 km/h or more or driving time is more than 60 s, the reminder light will flash to inform driver to fasten the seat belt. For details, refer to "3-6. Seat Belts".

2. INSTRUMENT PANEL

	Constant speed cruise indicator	After vehicle enters cruise status, the constant speed cruise indicator comes on.
	Active speed limit indicator	When vehicle enters speed limit status, the active speed limit indicator comes on.
	Door open reminder indicator	The indicator is used to alert the driver of the opening and closing status of driver door.
<i>SPORT</i>	SPORT mode indicator	When SPORT mode is turned on, the indicator comes on.
	Fault information indicator	It is used to alert the driver that system is malfunctioning. Please contact Chery authorized service station for inspection and repair as soon as possible.
	ESC OFF indicator	After operating ESC OFF switch to turn off ESP function, ESC OFF indicator will come on, indicating that the system is in disabled condition.
	Electrical parking indicator	This indicator is used to indicate that the vehicle is in an operating condition of electrical parking. For details, refer to "4-5. Brake System".
	Auto hold indicator	This indicator is used to indicate that the vehicle is in an operating condition of auto hold. For details, refer to "4-5. Brake System".
	ESC indicator	<p>This indicator flashes to indicate that the vehicle's ESC is in operating condition currently.</p> <p>This indicator remains on to alert the driver that ESC is malfunctioning. Please contact Chery authorized service station for inspection and repair as soon as possible.</p> <p>ESC malfunction indicator comes on, indicating that the vehicle can still carry out conventional braking (without ESC), but should drive carefully and avoid driving at a high speed. Please contact Chery authorized service station for inspection and repair as soon as possible.</p>

	Charging system indicator	This indicator is used to indicate the operating condition of charging system. If this indicator does not come on when engine start stop switch is turned to ON mode, or comes on after engine starts, please go to Chery authorized service station for inspection and repair as soon as possible.
	High coolant temperature warning indicator	This indicator is used to alert the driver that engine coolant temperature is high. Drive the vehicle to a safe area and stop it, turn off engine start stop switch after idling for several minutes. Please contact Chery authorized service station for inspection and repair immediately.
	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 malfunction indicator	This indicator is used to alert the driver that airbag system is malfunctioning. Please go to Chery authorized service station for inspection and repair as soon as possible.
	Tire pressure malfunction indicator	This indicator is used to indicate that tire pressure is improper. Please check if tire pressure is too low/high or if temperature is too high. If tire pressure is not proper, please contact Chery authorized service station for inspection and repair as soon as possible.
	ABS malfunction indicator	This indicator is used to alert the driver that ABS is malfunctioning. Please go to Chery authorized service station for inspection and repair as soon as possible. The ABS malfunction indicator comes on, indicating that the vehicle can still carry out conventional braking (without ABS), but should drive carefully and avoid driving at a high speed. Please contact Chery authorized service station for inspection and repair as soon as possible.
	Brake system malfunction indicator	This indicator is used to alert the driver that brake fluid level is low or brake system is malfunctioning. Please contact Chery authorized service station for inspection and repair immediately.

2.INSTRUMENT PANEL

	Low engine oil pressure warning indicator	This indicator is used to alert the driver that engine oil pressure is low. Drive the vehicle to a safe area and stop it, please contact Chery authorized service station for inspection and repair immediately.
	Engine malfunction indicator	This indicator is used to alert the driver that engine is malfunctioning. Please contact Chery authorized service station for inspection and repair immediately.
	4WD malfunction indicator	This indicator is used to alert the driver that 4WD system is malfunctioning. Please contact Chery authorized service station for inspection and repair immediately.

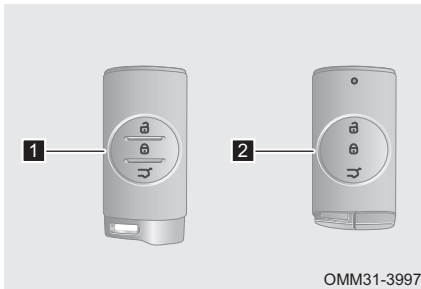
OPERATION INSTRUCTIONS

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3. OPERATION INSTRUCTIONS

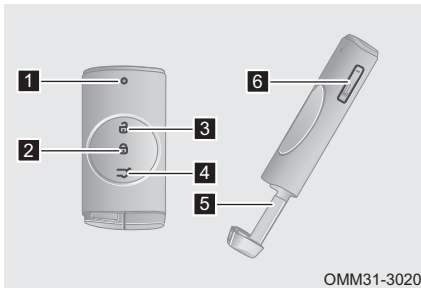
3-1. Smart Key

Smart key



- 1 Smart key (metal texture (if equipped))
- 2 Smart key (plastic texture)

Smart key is used to unlock/lock doors remotely and open back door. The mechanical key built into the smart key can be used to unlock/lock doors in emergency.



- 1 Indicator (only smart key (plastic texture))
- 2 Lock button
- 3 Unlock button
- 4 Back door opener button
- 5 Mechanical key
- 6 Mechanical key release button

Remote control function is designed to unlock/lock doors within about 20 m (no blind area) of the vehicle. The followings may affect operation when smart key cannot operate properly:

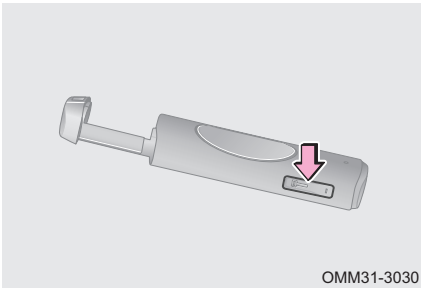
- When there are more than one smart keys being used nearby.
- The distance between vehicle and smart key is over 20 m.
- When smart key is in contact with, or is covered by a metallic object.
- When smart key is placed near an electrical appliance (such as mobile phone or personal computer).
- When near a portable radio or other wireless communication devices with similar frequency to vehicle wireless remote controller.
- When near a TV tower, radio station, electric power plant, airport, railway station or other facility that generates strong radio waves.

⚠ 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 transmission 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.

Mechanical Key

When key battery power is low or smart key does not operate properly, take out mechanical key to unlock/lock doors.



Press mechanical key release button on the side of smart key to take mechanical key out. After using, return it to original place for easy-to-carry and anti-loss. For details, refer to "6-9. Door Mechanical Switch".

Replacing Smart Key Battery**■ Replacing smart key battery**

If the following occurs, the key battery may be low or depleted:

- The remote control distance gradually decreases.
- Meter prompts "Key battery power is low".
- Remote control function does not work even without interference.
- When pressing any smart key button, indicator on the key (plastic texture) is dim or does not come on.

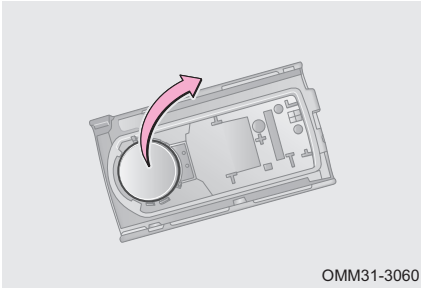
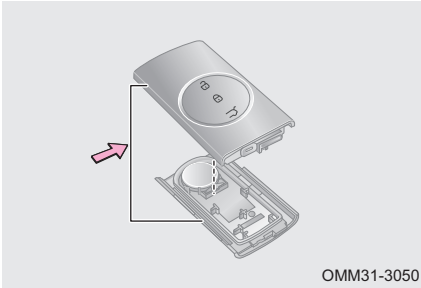
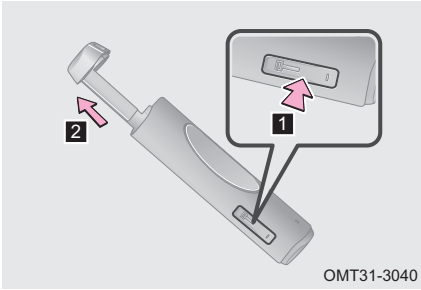
Smart key battery model: 3V-CR2032 lithium battery.

⚠ CAUTION

- Only use the battery type recommended by Chery.
- Take special care to prevent children from swallowing the removed battery or other components.
- There are some difficulties when replacing key battery, so that, it may be damaged if replacing the battery by yourself. It is recommended that you replace it at Chery authorized service station.

3. OPERATION INSTRUCTIONS

■ Replacing key battery as steps below



1. Press release button and take out mechanical key.

2. Pry off smart key cover using a flat-head screwdriver with the tip taped.

3. Remove battery from holder and install a new one with positive (+) facing down.

4. Install smart key in place in the reverse order of removal.

5. After replacing the battery, check if the smart key operates properly.



READ

If the smart key cannot operate properly, please contact Chery 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.

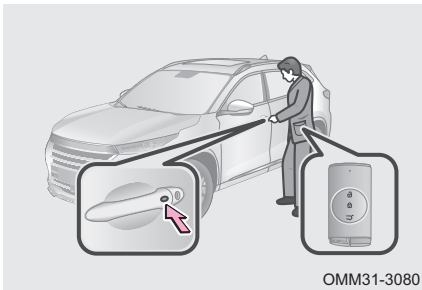
⚠ CAUTION

- Make sure that positive and negative terminals of battery are placed correctly.
- 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 by oily hand. Failure to do so may cause battery corrosion.
- Do not touch or move any components inside the smart key, or its functions may not work properly.

Keyless Entry

The following operations can be performed simply by carrying smart key (without taking it out).

■ Unlocking/locking doors



- Approach/leave vehicle when carrying smart key, the system automatically recognizes validity of smart key and doors automatically sense unlock/lock.
- Press microswitch on door handle when carrying smart key, the system automatically recognizes validity of smart key and doors automatically unlock/lock.

📖 READ

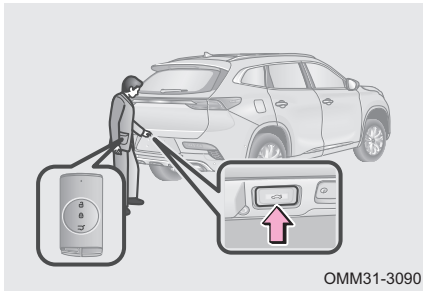
- Smart key sensing unlock/lock needs to be set in audio system.
- If smart key is left in vehicle, microswitch on door handle will not work.
- Vehicle fortifying is allowed only when engine start stop switch is in OFF mode. If vehicle gives an alarm, turn signal lights flash 3 times, anti-theft horn sounds 3 times, please check if engine start stop switch is in OFF mode.
- If smart key is left in vehicle or all doors are not closed completely, keyless entry door locking function will not operate, vehicle will give an alarm simultaneously, turn signal lights flash 3 times and anti-theft horn sounds 3 times.
- Smart key sensing lock function is only operated when engine start stop switch is in OFF mode, all doors are completely closed and smart key is not stored in vehicle.

3. OPERATION INSTRUCTIONS

■ Smart key sensing function

- Smart key sensing lock function is only operated when engine start stop switch is in 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, smart key sensing active lock function will not be activated.
- After smart key sensing active lock is activated, if smart key is always near the vehicle, vehicle will lock automatically over 1 minutes later, if the smart key still is in there for another 1 minutes, for the purpose of power saving, smart key sensing function will be temporarily turned off, it can be only activated after opening any door or back door and then closing all doors and back door.
- If carry the key away from vehicle over approximately 2.5 m, turn signal lights do not flash and horn sound is not heard (successful fortifying prompt after locking), inspect if the vehicle is locked to avoid misoperation or unsatisfied condition, resulting in unlocking vehicle.

■ Opening back door

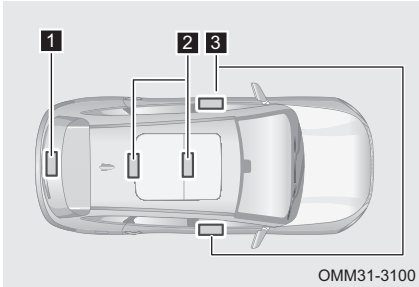


- With central lock unlocked, press back door switch, turn signal lights will come on and back door will be opened.
- With central lock locked, approach to back of vehicle when carrying smart key and press back door switch, turn signal lights will come on and back door will be opened.
- Long press back door opener button on smart key for more than 1 second, turn signal lights come on, back door is opened.

READ

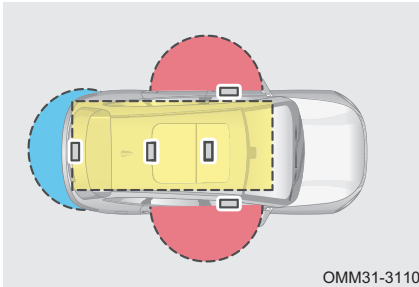
- For details about power back door opening, refer to "Power Back Door (If Equipped)" in this section.
- If back door switch is disabled, back door will not be opened by pressing back door switch while approaching back door without carrying smart key.
- Back door switch disabling/enabling needs to be set in audio system.

■ Antenna location



- 1 Rear bumper low-frequency antenna
- 2 Internal low-frequency antenna
- 3 Door low-frequency antenna

■ Effective range (areas within which smart key can be detected)



- Opening back door
The system can be operated when smart key is within effective range of rear bumper low-frequency antenna.
- Starting or switching power mode
The system can be operated when smart key is inside the vehicle.
- Unlocking/locking doors
The system can be operated when smart key is within effective range of door low-frequency antenna.



READ

Low-frequency antenna can detect areas within 1.2 m away from smart key. Therefore, when using microswitch to operate side doors or back door, ensure that distance between the smart key and low-frequency antenna meets the requirement.

In the following situations, the system may not operate properly even when smart key is within the effective range (detection areas):

- 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.

■ Alarm hint

For details, refer to "Anti-theft System" in this section.

3. OPERATION INSTRUCTIONS

3-2. Anti-theft System

Anti-theft System

Your vehicle is equipped with two anti-theft systems: Engine immobilizer system and vehicle anti-theft 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.

Conditions may cause system malfunction:

- Smart key is in contact with a metallic object.
- Smart key is too close to or contacts smart key (key with a built-in transponder chip) of another vehicle.

⚠ CAUTION

- Do not modify or remove engine immobilizer system. Otherwise, system may not operate properly.
- Do not match the key by yourself, this may affect the normal operation of system.
- If engine cannot start but starter can operate normally, the possible cause is the immobilizer system is disturbed and cannot operate properly. For details, refer to "6-7. If Your Vehicle Cannot Start Normally".

■ Vehicle anti-theft system

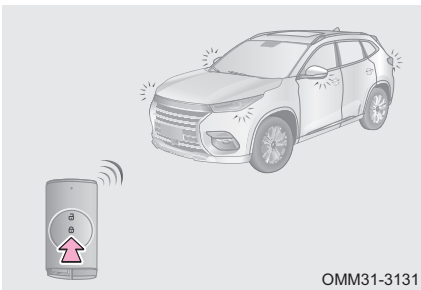
When vehicle is in fortifying state and invalid entry is detected, system will send sound-light alarm, alerting owner that the vehicle is in an invalid entry state. For details, refer to "Anti-theft System" in this section.

⚠ CAUTION

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 fortified successfully.

Vehicle Fortifying

■ Fortifying operation



● Successful fortifying:

Engine start stop switch is turned to OFF mode, hood, four doors and back door are closed.

Press lock button on smart key, microswitch on door handle or leave the vehicle, doors are locked, vehicle anti-theft system is enabled, vehicle enters fortifying state.

- Successful fortifying prompt:

Turn signal lights flash once and anti-theft horn sounds once.

- Unsuccessful fortifying:

Engine start stop switch is not turned to OFF mode, hood, four doors or back door is not closed, vehicle cannot enter fortifying state.

- Unsuccessful fortifying prompt:

Turn signal lights flash 3 times and anti-theft horn sounds 3 times or there is no prompt.



READ

Horn reminder function during door locking needs to be set in audio system.



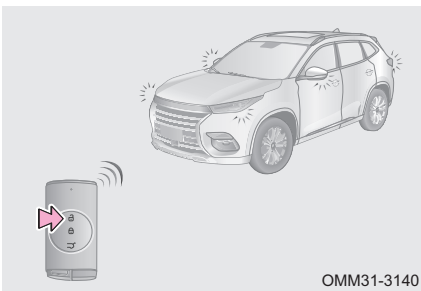
CAUTION

- Engine start stop switch is not turned to OFF mode, vehicle fortifying cannot be set.
- When only driver side door is not closed, vehicle fortifying cannot be set.
- When any passenger side door is not closed, the door central lock will lock once. After passenger side door is closed, turn signal lights flash and vehicle enters fortifying state automatically.
- When the hood or back door is not closed, the door central lock will lock once, vehicle can not enter normal fortifying state. After the hood or back door is closed, vehicle enters fortifying state automatically.

■ Secondary fortifying mode

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

■ Fortifying deactivation operation



OMM31-3140

- Fortifying deactivation mode:

Press unlock button on smart key, microswitch on door handle or when approaching the vehicle, doors are unlocked, vehicle anti-theft system is disabled, vehicle exits fortifying state.

- Successful deactivating prompt:

Turn signal lights flash twice.

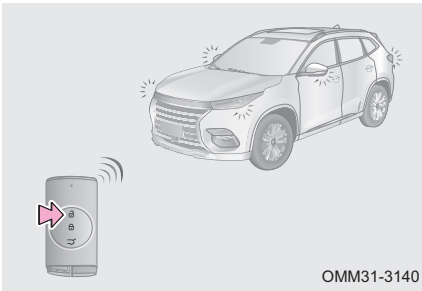
3. OPERATION INSTRUCTIONS

READ

- When vehicle anti-theft system is in anti-theft state, pressing unlock button on smart key or vehicle starts successfully, vehicle anti-theft system can be deactivated.
- After deactivating vehicle fortifying, if any of hood, four doors and back door is opened, the vehicle will exit secondary fortifying mode.

■ Alarm mode

When the vehicle is in fortifying state and invalid entry is detected (for example: any door or back door is opened invalidly, alarm will be activated), the vehicle will enter alarm state.



● Alarm mode:

When invalid entry is detected, the vehicle enters cyclic alarm mode, anti-theft horn sounds and turn signal lights flash.

● Deactivating alarm:

When the vehicle is in alarm mode, press unlock button on smart key, or turn engine start stop switch to ON mode to deactivate alarm.

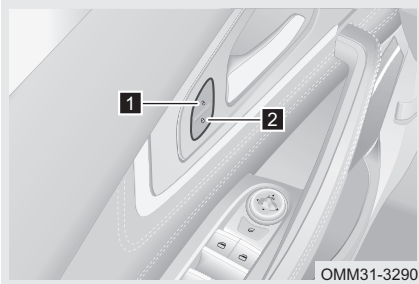
READ

- With alarm source triggered, maximum 10 alarm cycles will be activated, turn signal lights will flash if it exceeds 10 cycles.
- After the door is unlocked by mechanical key, when driver side door is opened, vehicle will not enter alarm state immediately, there will be a little delay. If vehicle is started successfully or unlocked or locked by remote control key successfully during this period, vehicle will not enter alarm state.

3-3. Door Locks

Door Lock Switch

■ Unlocking/locking doors

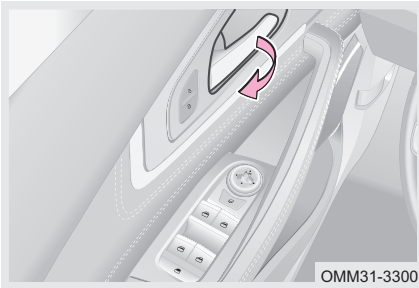


1 Unlock switch

2 Lock switch

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

■ Opening doors using door inside handles



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

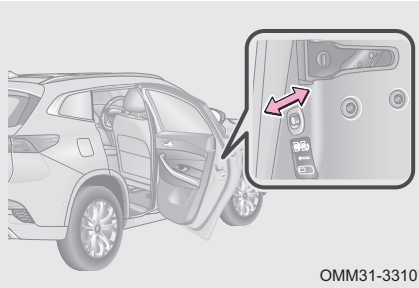
● When doors are locked, pull door inside handle for the first time to unlock the door, and pull it again to open the door.

 CAUTION

- After locking doors using smart key, if front left door is unlocked and opened by mechanical key, there will be 12 s delay to trigger vehicle anti-theft system. If smart key is operated to perform unlock/lock operation or engine start stop switch is turned to ON mode within 12 s, vehicle anti-theft system will not be triggered.
- If the doors are locked using mechanical key, vehicle anti-theft system cannot be enabled. Therefore, it is recommended to lock doors using smart key.

3. OPERATION INSTRUCTIONS

■ Rear door child-protection locks



The child-protection locks are located at inner side of rear doors.

Move lock lever upward and downward to unlock/lock the child-protection lock as shown in the illustration.

Lock: Pull the lock lever downward.

Unlock: Push the lock lever upward.



READ

The rear doors can only be opened from the outside when the child-protection locks are in lock state, it is recommended to use this function if there is any child in vehicle.

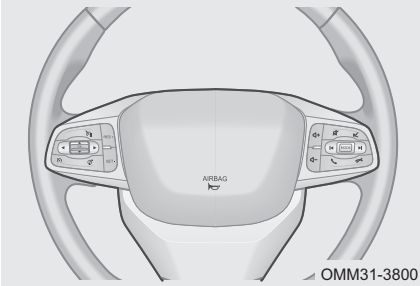


WARNING

- Make sure that all doors are closed before driving.
- When a child is seated in vehicle rear seat, always lock child-protection locks to prevent rear door being opened accidentally while driving.
- In case of a collision, if there is someone in vehicle and child-protection lock is locked, 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 even death due to sharp temperature rise.

3-4. Steering Wheel

Horn



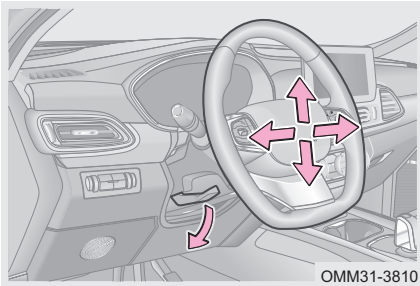
To sound the horn, press area near horn mark on the steering wheel.

 READ

- Do not sound horn near schools, hospitals, or in places such as residential areas.
- Obey local regulations regarding usage of vehicle horns.

Adjusting Steering Wheel

To drive safely and comfortably, you can adjust inclination angle of steering wheel.



Stop vehicle on a safe ground, turn off engine start stop switch:

1. Push down adjustment lever and release it;
2. Adjust steering wheel upward and downward/forward and backward to a comfortable angle;
3. Hold steering wheel steady and push adjustment lever to original position;
4. Check if the steering wheel is shaking. Repeat operations of step 3 if it shakes.

3. OPERATION INSTRUCTIONS

⚠ WARNING

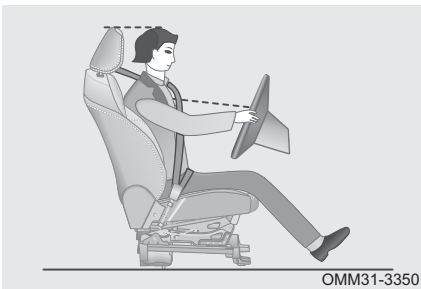
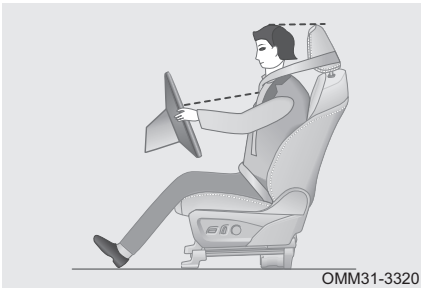
- Do not adjust steering wheel while driving, doing so may cause driver to mishandle the vehicle and cause an accident, resulting in death or serious injury.
- For safety, after adjusting steering wheel, always push adjustment lever to original position and try moving steering wheel upward and downward/ forward and backward to make sure that it is securely locked. Otherwise, steering wheel may move suddenly during driving, causing unnecessary injury and loss.

3-5. Seat

Front Seats

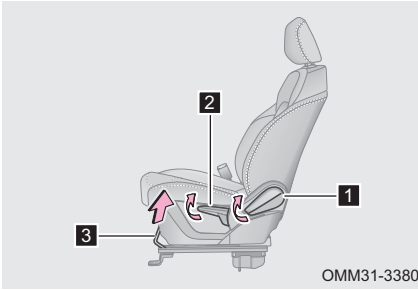
■ Correct sitting posture

The seats, head restraints, seat belts and airbags are helpful to protect passengers. Using them utmostly will provide you with more protection. Please observe the followings:



- When sitting, slightly inclines rearward (25° backward from vertical position is proper) and well back on seatback.
- The front seats must not be too close to the instrument panel. During driving, when holding steering wheel, the arms should bent slightly. The feet should also be bent slightly so that pedals can be fully depressed.
- Adjust head restraints properly so that the top of the head restraint is closest to the top of your head.
- The shoulder belt should be over the shoulder center and close to the chest, kept away from the neck, the lap belt should close to the hips but not stomach.

■ Adjusting seat manually (if equipped)



1 Adjusting seatback forward and backward

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 it reaches desired angle, release the lever. After that, apply force backwards against the seatback to make sure that the seatback is locked properly.

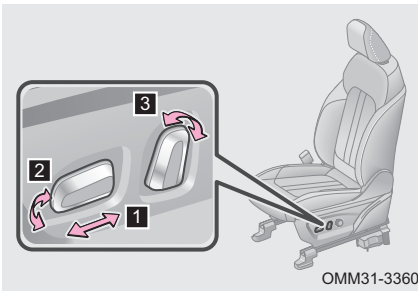
2 Adjusting seat height (only driver side)

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 it up 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 in position.

■ Adjusting power seat (if equipped)



1 Adjusting seat position forward and backward

Move button forward and backward parallelly to adjust seat position.

2 Adjusting seat height

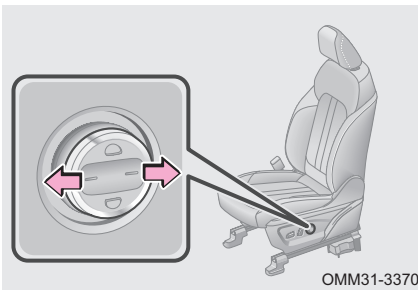
Move front end of button upward and downward to adjust seat upward and downward.

3 Seatback angle adjustment

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

Adjusting seat lumbar support (only driver side) (if equipped)

By continuous or temporary adjustment using lumbar support button, lumbar support function makes driver's waist in a comfortable position, solving a series of problems caused by curling waist up in seat.



3. OPERATION INSTRUCTIONS

Long press "" to increase support to overall forward side of waist.

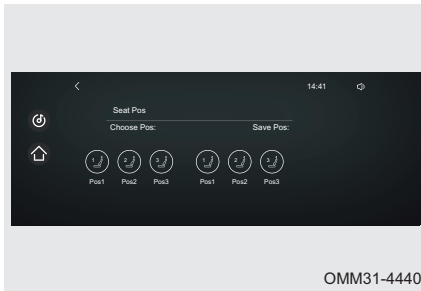
Long press "" to reduce support to overall forward side of waist.

CAUTION

When adjusting back and forth using lumbar support button, there is a certain limit position. When reaching the limit position, release the button in time.

■ Power seat memory setting (if equipped)

Driver position auto storage and adjustment of power seat memory setting need to be set in audio system.



Turn engine start stop switch to ON mode;

1. Enter personalized seat setting;
2. Adjust the power seat to desired position;
3. Click "Save the current seat position to: Position 1/Position 2/Position 3" to save current seat position;

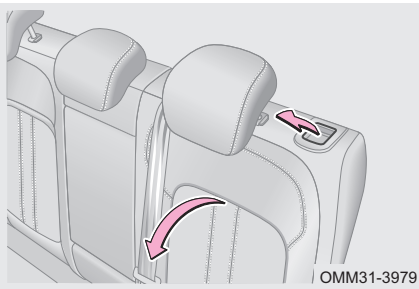
4. Click "Select the desired seat position: Position 1/Position 2/Position 3" to adjust the seat to the saved position automatically.

READ

- Visitor can store three positions.
- Each account can memory three positions.
- Power seat memory setting only can save the driver seat position.
- Power seat memory function can not adjust the seat automatically after engine is started.
- In some situations, the learned seat position will lose, resulting in seat position memory and convenient function failure. At this time, it is necessary to learn the seat position manually. Learning methods: adjust seat position forward and backward, adjust the seat height to limit position of both ends and stuck, adjust the seatback forward and stuck. If seat position memory function is still not available after completing the above operation, please contact Chery authorized service station for inspection and repair in time.

⚠ WARNING

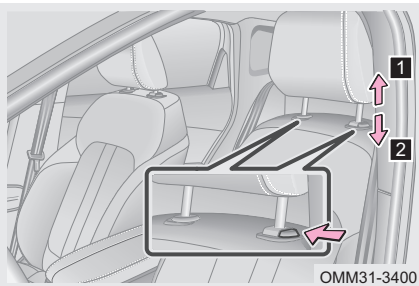
- Do not adjust the seat while driving.
- After adjusting the seatback, lean your body against it to make sure that the seat is locked in position.
- Do not place any items under the seat while moving the seat, otherwise, it will prevent the seat from moving.
- Avoid reclining seatback any more than needed, the seat belts provide maximum protection in a frontal or rear collision when the driver and the front passenger slightly incline backward and well back in their seats while sitting.

Rear Seats (Take Left Side as an Example)**■ Folding rear seats**

Pull unlock button on upper part of seatback by hand to release the seatback while pulling the seatback forward to folding it down.

⚠ CAUTION

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

Head Restraints**■ Adjusting head restraint**

- 1 When adjusting head restraint upward, pull it up directly to a proper height.
- 2 When adjusting head restraint downward, press head restraint master unlock button and then adjust it lower.

To remove head restraint, press and hold lock release button until the head restraint lever is unlocked completely and then pull it out.

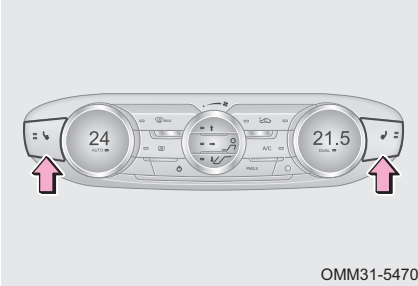
3. OPERATION INSTRUCTIONS

⚠ WARNING

- Always adjust the head restraint to correct position.
- Do not drive vehicle with head restraints removed.
- After adjusting the head restraint, push it down and make sure that it is locked in position.

Seat Heating (If Equipped)

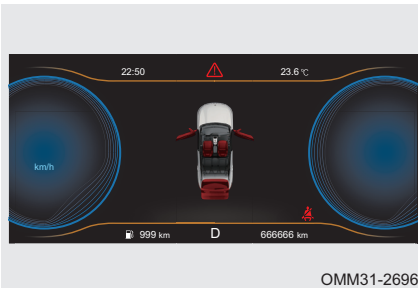
- Driver seat heater switch/front passenger seat heater switch



After vehicle is started, the first press of seat heater switch is 2-level heating (2 indicators on). Press it again to enable 1-level heating (1 indicator on). Press it the third time to turn off the function.

3-6. Seat Belts

Seat Belts




If driver or front passenger seat belt is not buckled or fastened firmly, front seat belt indicator comes on or blinks.

Vehicle speed is < 25 km/h and driving time is < 60 s	Front seat belt indicator remains on
Vehicle speed is ≥ 25 km/h or < 25 km/h and driving time is ≥ 60 s	Front seat belt indicator blinks accompanied by sound alarm

If the seat belt is released while driving, an alarm will be sent as described above. When any of the followings are met, alarm will stop:

- Fasten the seat belt correctly.
- Turn engine start stop switch to OFF mode.

 CAUTION
<ul style="list-style-type: none"> ● Vehicle speed mentioned in this section refers to speed displayed by meter. ● Do not turn engine start stop switch to OFF mode during driving.



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

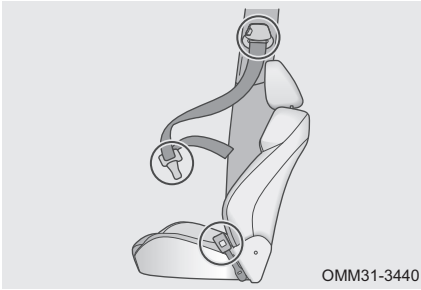
■ Using seat belt correctly



- Adjust seatback position, sit up straight and well back in the seat.
- Extend the shoulder belt so that it comes fully over the shoulder, but does not come into contact with the neck or slide off the shoulder.
- Position the lap belt as low as possible over the hips.
- Do not twist the seat belt.

3. OPERATION INSTRUCTIONS

Maintaining seat belt

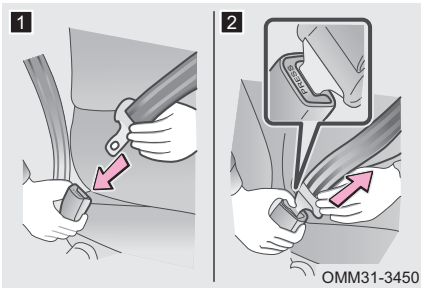


The seat belt should be inspected regularly for damage or frays. Any stretched seat belt (for example: after a traffic accident) should be inspected at once by Chery authorized service station or replace relevant components as needed.

CAUTION

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

■ Fastening and releasing seat belt

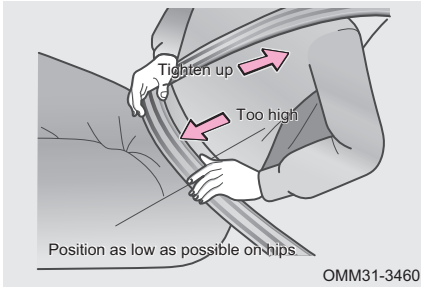


- 1** To fasten the seat belt, push the tab into the buckle until a click sound is heard.
- 2** Press the release button to retract seat belt. If the belt cannot retract smoothly, pull it out and check for kinks or twists. Make sure that seat belt can retract smoothly.

CAUTION

- Make sure that seat belt buckle position is correct and is locked safely, improper engagement may cause serious 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.

■ Adjusting position of three-point type seat belt



The seat belt will lock when it is pulled out quickly, but will not lock when pulling it out slowly. Position the lap belt as low as possible on your hips not on your waist, then adjust it to a snug fit by pulling the shoulder portion upward.

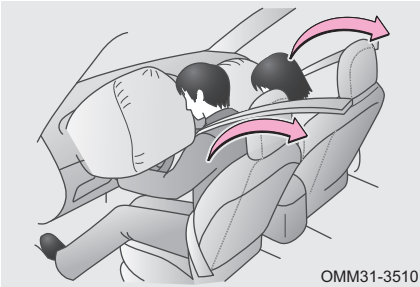
3

⚠ CAUTION

- Ensure that all the passengers wear their seat belts.
- 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.
- We recommend that children be seated in the rear seat and always use seat belt or appropriate child restraint system.
- Make sure the shoulder belt is positioned across your shoulder. The belt should be kept away from your neck, but not falling off your shoulder. Failure to do so could reduce the effect of protection in an accident.
- High-positioned lap belts and loose-fitting belts could cause death or serious injuries due to sliding under the lap belt during a collision or other unintended events. Keep the lap belt positioned on hips as low as possible.
- Do not place the shoulder belt under your arm.
- 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.
- When pulling out seat belt, it may lock if too much force is applied, or the vehicle is on a slope.
- Do not wear unfitted clothes while driving to prevent seat belt from contacting with your body closely, otherwise, best protection effect is not achieved.

3. OPERATION INSTRUCTIONS

Seat Belt Pretensioner (If Equipped)



Seat belt pretensioner is designed to assist front airbag in the event of a severe impact.

- When sensor detects an unavoidable severe impact, retractor quickly tightens seat belt to tightly restrain occupant.
- Seat belt pretensioner may be activated even if there is no occupant in front seat.
- In the event of a minor impact or side impact, pretensioner may not activate.
- Seat belt pretensioners and airbags work together in all crashes.
- 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.
- Once the seat belt pretensioner is activated, the seat belt retractor will lock.

CAUTION

In some cases, it may prevent the seat belt pretensioner from working properly:

- Repair the seat belt pretensioner or any assembly nearby.
- Modify suspension system.
- Modify front body section.
- Install grill guard or any other device to front body.

WARNING

- Do not modify, remove, hit, open the seat belt pretensioner assembly, airbag sensor and assembly wire. Failure to do so may prevent the seat belt pretensioner from being properly activated and cause the system to be accidentally operated and disabled, which may result in serious injury or death.
- If the pretensioner is activated, the airbag malfunction indicator will come on. In this case, the seat belt cannot be used again, make sure to replace it.

If any of the followings occur, there may be malfunction in airbag or seat belt pretensioner. Please contact Chery authorized service station as soon as possible for inspection and repair.

- Turn engine start stop switch to ON mode, the airbag malfunction indicator does not perform self-check or remains on;
- Airbag malfunction indicator comes on during driving;
- Seat belt cannot be retracted or pulled out due to malfunction or seat belt pretensioner activated;
- Seat belt pretensioner assembly or its surrounding area is damaged.

■ Methods and precautions for using seat belt by a child

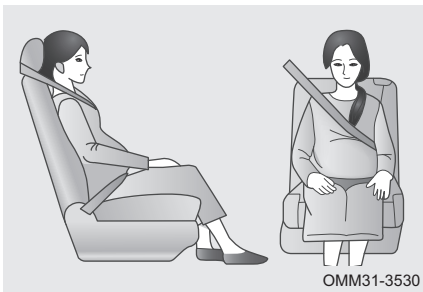
The seat belts of your vehicle are principally designed for persons of adult size. Use a child restraint system (For details, refer to "Child Restraint System" in this section) appropriate for the child, until the child becomes large enough to properly wear the vehicle seat belt. When the child becomes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



OMM31-3520

Do not allow children to stand or kneel on either front or rear seats. An unrestrained child could suffer serious injury during emergency braking or a collision. Also, do not let a child sit on an adult's laps. Holding a child in arms cannot provide sufficient restraint.

■ Methods and precautions for using seat belt by a pregnant woman



OMM31-3530

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 contacting with the rounding of the abdominal area. If the seat belt is not worn properly, not only the pregnant woman, but also the fetus could suffer serious injury as a result of sudden braking or a collision.

3. OPERATION INSTRUCTIONS

WARNING

- Ensure that the belt and the tab are locked and the belt is not twisted. If the seat belt does not function properly, immediately contact Chery authorized service station for inspection and repair.
- If your vehicle has been involved in a serious accident, even if seat belt is not obviously damaged, contact Chery authorized service station for inspection and replace it as needed.
- Do not attempt to install, remove, modify, disassemble or dispose of the seat belts. If there is any need above, have any necessary service carried out by Chery authorized service station.
- Inspect the seat belt system periodically. Check seat belt for cuts, fraying, and loose parts.
- Do not use a damaged seat belt and replace it with a new one. A damaged seat belt cannot protect a passenger from serious injury.

3-7. Child Restraint System

Child Restraint System

A child restraint system for infant must be properly restrained on the seat. It must be installed strictly according to instructions of the child restraint system manufacturer.

Choose a child restraint system suitable for the vehicle, age and size of the child. For installation details, follow the instructions provided with the child restraint system. Installation instructions for universal child restraint system are provided in this manual.

Child restraint system should be installed on the rear seat. According to accident statistics, child sitting in the rear seat and properly restrained is safer than child in front seat.

WARNING

- Child restraint system should comply with the safety standards set by local regulations and laws. For any damage or accident caused by using child restraint system, Chery Automobile Co., Ltd. will assume no responsibility.
- Child restraint system must be installed in rear seat.

3 types of child restraint system that can be secured with seat belts will be introduced in the manual.

Please install the child restraint system according to the instructions provided by the manufacturer.

Child Restraint System Group

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

According to regulations, child restraint system can be roughly divided into the following 5 groups:

Mass Group	Child Weight
Group 0	0 to 10 kg
Group 0+	0 to 13kg
Group I	9 to 18 kg
Group II	15 to 25 kg
Group III	22 to 36 kg

- Mass group 0/0+: Apply to Grade 0/0+ or Grade 0/I rearward-facing child restraint system;
- Mass group I: Apply to Grade I or Grade II child restraint system with built-into seat belt system;
- Mass group II/III: Grade II applies to child restraint system with seatback, Grade III applies to child restraint system without seatback.

Applicable child restraint system for passenger seat:

Mass Group	Front Passenger Seat	Second Row Outboard Seat	Second Row Center Seat	Third Row Seat (If Equipped)
Group 0 (0 to 10 kg)	X	U, L	X	U
Group 0+ (0 to 13 kg)	X	U, L	X	U
Group 1 (9 to 18 kg)	X	U, L	X	U
Group 2 (15 to 25 kg)	X	UF, L	X	U
Group 3 (22 to 36 kg)	X	UF, L	X	U

L: If the vehicle is listed in applicable model list of the child restraint system manufacturer, it is suitable for child restraint systems of "semi-universal" categories approved for use in this mass group;

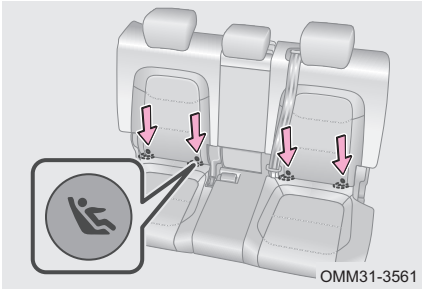
3. OPERATION INSTRUCTIONS

U: Suitable for child restraint systems of "universal" categories approved for use in this mass group;

UF: Suitable for forward-facing child restraint systems of "universal" categories approved for use in this mass group;

X: Not suitable for installing any type of child restraint systems in this mass group.

ISOFIX Child Restraint Systems



ISOFIX fixing point is an installation system based on local motor vehicle standards for child restraint system and child safety prevention system (ECE R44).

ISOFIX fixing point is located on lower of rear outboard seatback. Generally, the fixing point is near the mark "⊗" on lower of rear outboard seatback.

⚠ WARNING

Please strictly follow installation instructions provided by the child restraint system manufacturer when connecting the child restraint system to ISOFIX fixing point.

Size class for ISOFIX: Using child restraint system size class applied for ISOFIX connector, helping user to select proper child restraint system type.

Size Class	Description
A	Full-size forward-facing child restraint systems
B	Reduced-size forward-facing child restraint systems
B1	Reduced-size forward-facing child restraint systems
C	Full-size rearward-facing child restraint systems
D	Reduced-size rearward-facing child restraint systems
E	Rearward-facing child restraint system
F	Left lateral-facing infant seat
G	Right lateral-facing infant seat

Applicable type for ISOFIX:

Mass Group	Size Class	Fixing Device	Seat Position			
			Front Passenger Seat	Second Row Out-board Seat	Second Row Center Seat	Third Row Seat (If Equipped)
Group 0 (up to 10 kg)	F	ISO/L1	X	X	X	X
	G	ISO/L2	X	X	X	X
	E	ISO/R1	X	IL	X	X
Group 0+ (up to 13 kg)	E	ISO/R1	X	IL	X	X
	D	ISO/R2	X	IL	X	X
	C	ISO/R3	X	IL	X	X
Group 1 (9 to 18 kg)	D	ISO/R2	X	IL	X	X
	C	ISO/R3	X	IL	X	X
	B	ISO/F2	X	IL, IUF	X	X
	B1	ISO/F2X	X	IL, IUF	X	X
	A	ISO/F3	X	IL, IUF	X	X
Group 2 (15 to 25 kg)	/	(1)	/	/	/	/
	/	(1)	/	/	/	/
Group 3 (22 to 36 kg)	/	(1)	/	/	/	/

X: Not suitable for ISOFIX child restraint system;

IL: Suitable for ISOFIX child restraint systems of "specific vehicles" or "semi-universal" categories approved for use in this mass group;

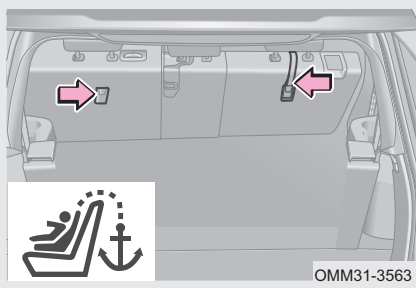
IUF: Suitable for forward-facing child restraint systems of "universal" categories approved for use in this mass group;

(1): Child restraint system without ISO/XX weight group mark (A to G). For more details about applicable mass group, please check model list for ISOFIX child restraint system.

3. OPERATION INSTRUCTIONS

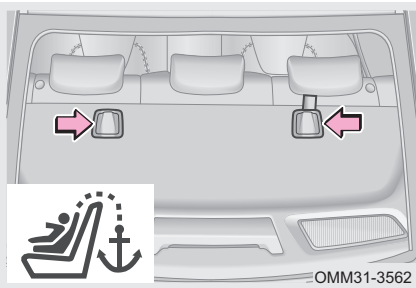
TOP TETHER Upper Fixing Point

■ SUV and hatchback model



This model is equipped with specific upper fixing point (TOP TETHER) for forward-facing child restraint systems, and these upper fixing points are located on the back of rear seats.

■ Saloon model



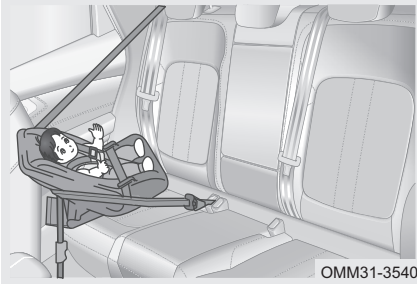
This model is equipped with specific upper fixing point (TOP TETHER) for forward-facing child restraint systems, and these upper fixing points are located on coating hook behind the head restraint.

Before using, remove head restraint where child restraint system should be installed, and then hang the hook on child restraint system into upper fixing point, be carefully to avoid strap on hook directly striding or bypassing head restraint, and head restraint and strap should not interfere with each other. Always fasten strap after hook is hung into upper fixing point. For details about fixing and fastening child restraint system upper strap, refer to instruction manual provided by the child restraint system manufacturer.

⚠ WARNING

- Do not allow upper strap to stride or bypass head restraint and always fasten strap after installing, incorrect installation may cause serious injury to child.
- SUV and hatchback model: For vehicle with luggage cover on luggage compartment, remove luggage cover before child restraint system is fixed on fixing point.

■ Rearward-facing child restraint system



The rearward-facing child restraint system should be installed facing direction opposite to that of vehicle traveling. In an accident, if an infant faces front windshield, it is likely to hurt his / her vulnerable central spine and spinal cord. Facing vehicle rear, infant's head, neck and torso can be protected by the seat. Rear-facing infant seat is the most suitable for infants to use and is very convenient to carry. It is recommended to be used by Group 0 and Group 0+.

■ Forward-facing child restraint system



The forward-facing child restraint system should be installed facing vehicle traveling direction. It is recommended to be used by Group I.

■ Heightening child restraint system



For the expandability of child restraint system function, a separate booster cushion can be used. When the child is shorter and lighter, a booster cushion can be used to increase the child's line of sight in vehicle and secure child properly. (Vehicle seat belt meeting international standards is designed according to body size of person over 1.5 m. If any one under 1.5 m uses seat belt, the belt could hurt his/her neck seriously in case of an accident). It is recommended to be used by Group II and Group III.

3. OPERATION INSTRUCTIONS

Installing Child Restraint System

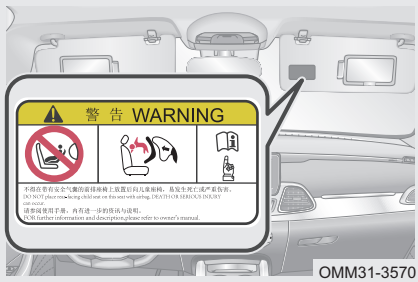
Follow instructions provided by child restraint system manufacturer. Secure the child restraint system to the rear seat with a seat belt or child seat anchor. Attach the top strap when installing a child restraint system.

WARNING

Precautions for 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 rear seat depending on age and size of the child. Holding a child in your arms is not a substitute for a child restraint system.
- Follow instructions provided by child restraint system manufacturer to install it properly. If the child restraint system is not properly installed, it may cause death or serious injury to child in an emergency stop, emergency steering or accident.
- If the child restraint system interferes with locking device of front seat, do not install child restraint system in rear seat. Otherwise, child or front occupant may be killed or seriously injured in event of sudden braking or a collision.
- Do not allow child to play with the child restraint system lock function belt. If a belt twists around a child's neck, it may not be released, leading to choking, other serious injuries or even death. If this occurs and the buckle cannot be released, scissors should be used to cut the belt.
- When the child restraint system is not in use, it should also be fixed properly on the seat. Do not place unfixed child restraint system in the passenger cabin.
- If it is necessary to remove child restraint system, take it out after removing or store it properly in luggage compartment. This will prevent it from injuring passengers in the event of a sudden stop, sudden steering or an accident.

■ Precautions for using child restraint system



This sticker is attached to front passenger sun visor and used to remind you that the vehicle is equipped with front airbags. Please pay attention to the relevant matters.

- Never install rearward-facing child restraint system in seat protected by front airbag (active state).

- Any change to child restraint system fixing device or vehicle seat belt is prohibited under any circumstances.
- Never fix child restraint system with seat belt only. Always use standard fixing device for child restraint system on rear seat.
- If you violate the above three precautions, any subsequent result will be borne by the user.

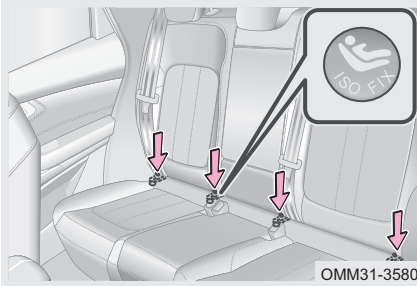


WARNING

- Always make sure the shoulder belt is positioned across the center of child's shoulder. The belt should be kept away from child's neck, but not falling off child's shoulder. Otherwise, the child may be killed or seriously injured in the event of sudden braking or a collision.
- High-positioned lap belts and loose-fitting belts could cause death or serious injuries due to sliding under the lap belt during a collision or other unintended events. Keep the lap belt positioned as low on a child's hips as possible.
- 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 child from death or serious injury. Please immediately contact Chery authorized service station for inspection and repair. Do not install the child restraint system on the seat until the seat belt is repaired.

3. OPERATION INSTRUCTIONS

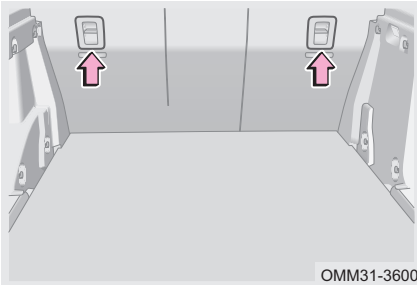
■ Installing child restraint system (ISOFIX)



1. Find the lower retaining ring used to secure child restraint system.
2. Put the child restraint system on rear seat.



3. Insert and secure lower hook of child restraint system to lower retaining ring.
4. Pull out the child restraint system upper belt and secure it to the seat rear anchor.



5. The anchor brackets are located at backside of rear seats.

⚠ WARNING

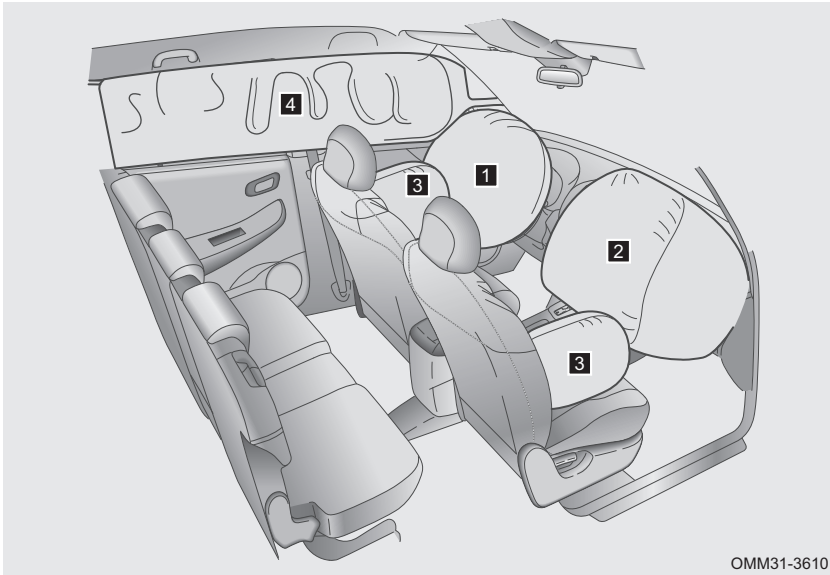
- For child restraint system used by child weighs more than 22 kg, it is not allowed to fix it using retaining rings.
- If retaining ring device is damaged or overloaded during an accident, please replace it at Chery authorized service station.
- Never fix more than one child restraint system on a set of retaining rings.
- Make sure the top strap is securely latched, and check that the child restraint system is secured by pushing and pulling it in different directions. Follow the installation instructions provided by manufacturer.
- Do not use child restraint system anchor bracket to secure items other than child restraint system. Otherwise, Chery Automobile Co., Ltd. will not be responsible for any problem caused thereby.
- When installing the child restraint system, please follow instructions in its installation manual and fix it securely in place.
- If the child restraint system is not correctly fixed in place, the child or other passengers may be seriously injured or even killed in the event of sudden braking, sudden swerving or an accident.
- If the driver's seat interferes with the correct installation of the child restraint system, install the child restraint system on the right rear seat.
- Adjust the front passenger seat so that it does not interfere with the child restraint system.
- Ensure that the belt and tab are locked in place and the belt is not twisted.
- Push and pull child restraint system in different directions to ensure that it is securely installed.
- After installing a child restraint system, never adjust the seat.

3. OPERATION INSTRUCTIONS

3-8. Airbag

Airbag

In the event of severe frontal/side collision and when deployment conditions are met, the airbags deploy and works together with seat belts to protect occupants in vehicle. 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 occupants and driver injury.



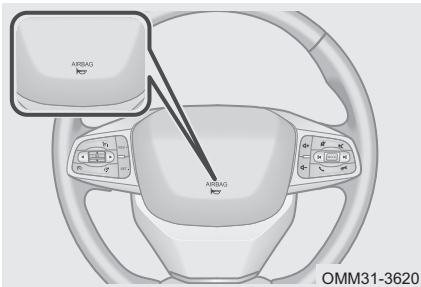
1 Driver airbag

2 Front passenger airbag

■ Driver airbag

3 Seat airbag

4 Curtain shield airbag (if equipped)



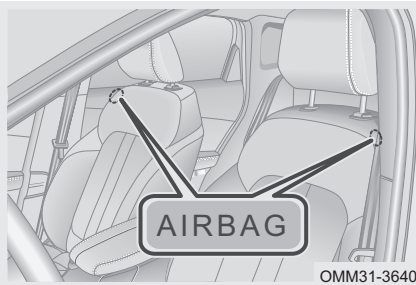
When driver airbag is triggered, the airbag cover will be opened from steering wheel and the airbag deploys.

■ Front passenger airbag



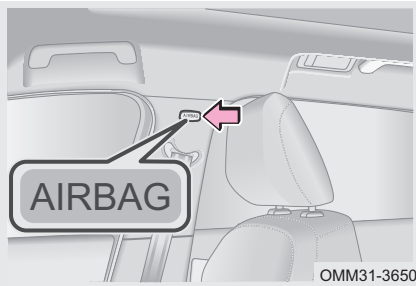
When front passenger airbag is triggered, the airbag cover will be opened from instrument panel and the airbag deploys.

■ Front seat side airbag



When vehicle is subjected to side collision and deployment conditions are met, front seat side airbag of impacted side deploys. Besides seat belt, front seat side airbag is a kind of device that can provide more protection for driver and front passenger.

■ Curtain shield airbag (if equipped)



When vehicle is subjected to side collision and deployment conditions are met, curtain shield airbag can provide head protection for passengers sitting on front seat and rear outside seat of impacted side, reducing risk of injury.

Proper Usage and Precautions for Airbag

■ Malfunction indicator

If any of the followings occurs, it indicates that the airbag is malfunctioning. Please go to Chery authorized service station for inspection and repair as soon as possible:

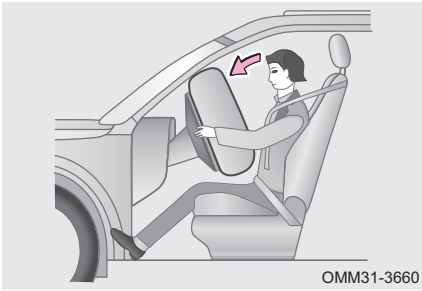
- When engine start stop switch is turned to ON mode, airbag malfunction indicator does not come on, remains on or flashes.
- Airbag malfunction indicator comes on or flashes while driving.

3. OPERATION INSTRUCTIONS

■ Airbag inflation

- After an airbag is inflated, it will discharge gas quickly, and some parts of the airbag module may generate heat. Do not touch any related parts at this time.
- After the airbag is inflated, the vehicle automatically unlocks doors, illuminates interior lights, and turns on turn signal lights.
- In addition, when airbag is discharging gas, some smoke and dust will be emitted. For people with asthma or other respiratory problems, respiratory system could be stimulated. Therefore, all people in vehicle should get off as soon as possible, or open windows to breathe fresh air and seek medical treatment if necessary.
- If the areas where the airbags are stored, for example the steering wheel and instrument panel are damaged or cracked, please go to Chery authorized service station for replacement as soon as possible.

■ Using airbag correctly



- The 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 airbag will deploy only when the collision degree of vehicle reaches the design condition. In some collisions, the seat belt is the only protective device. Wearing a seat belt during a collision can help reduce the risk of hitting objects inside the vehicle or being thrown out of the vehicle, and effectively protect the occupants and drivers. Therefore all persons in vehicle should wear seat belts correctly.
- A considerable force will be generated at the moment the airbag inflates, in order to avoid serious injury or death, never get too close to the airbag, such as sitting on the edge of the seat or tilting the body forward. Under the premise of ensuring driving comfort, the driver should sit back as far as the passengers.
- Airbags and seat belts can provide protection for adults and older children but are not designed to protect infants and young children. For details about protection for infants and young children, refer to "Child Restraint System" in this section.

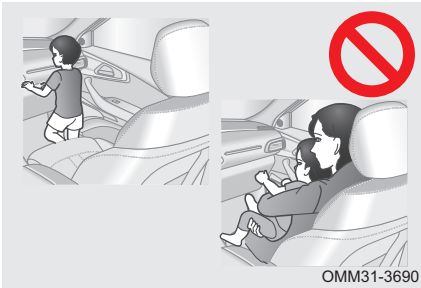
■ Usage precautions for airbag



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



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

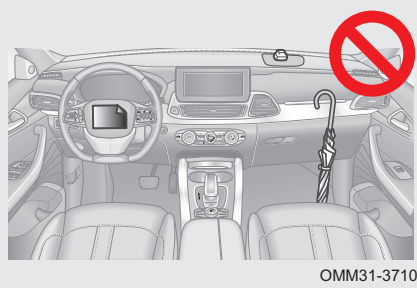


- Do not allow a child to stand in front of the front passenger airbag unit or sit on the knees of front passenger.

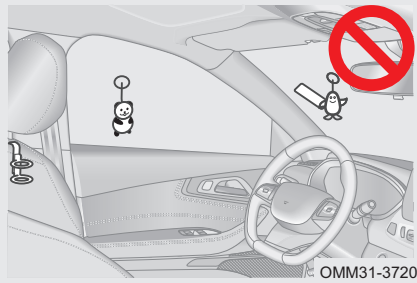


- Do not lean against the door, A pillar, B pillar or C pillar.
- Do not allow anyone to kneel on the passenger seat toward the door or put their head or hands outside the vehicle.

3. OPERATION INSTRUCTIONS

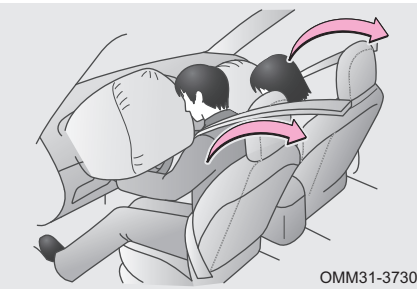


- Do not attach anything to or lean anything against the areas such as the instrument panel, steering wheel and lower portion of the instrument panel. These items may be ejected when driver airbag or front passenger airbag deploys.



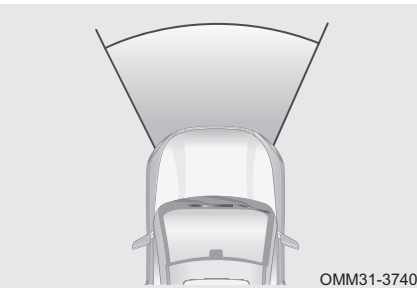
- Do not attach anything to areas such as the door, windshield glass, side door glass, A pillar, B pillar, C pillar, roof side rail and assist grip.
- Do not strike or apply significant levels of force to the area of the airbag components. Doing so can cause the airbags to malfunction.

■ Airbag deployment conditions

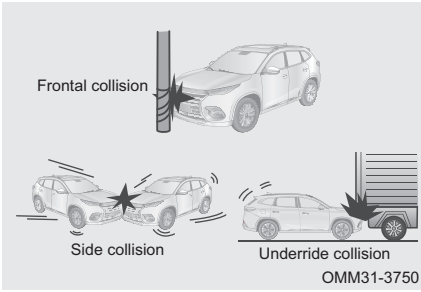


In an event of a severe frontal collision, driver airbag and front passenger airbag work together with the seat belt to help reduce injuries to the head or chest of driver and front passenger caused by hitting the interior component. The front passenger airbag may be activated even there is no passenger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

■ Operating conditions



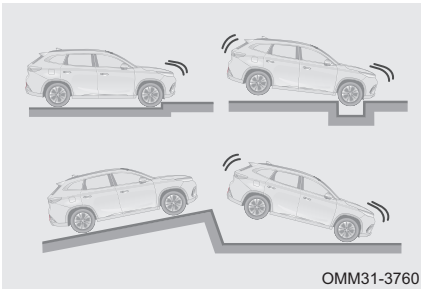
Operating conditions: In general, in an event of frontal collision, the driver airbag and front passenger airbag will deploy if the deceleration of vehicle exceeds the designed threshold level.



The driver airbag and front passenger airbag will deploy if the severity of the frontal collision is above the designed threshold level, comparable to a certain speed collision when the vehicle collides straight into a fixed barrier that does not move or deform.

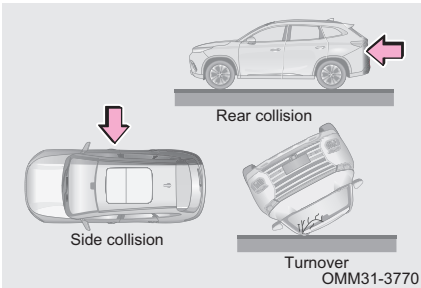
The driver airbag and front passenger airbag may not deploy if the front of vehicle hits a telegraph pole slightly, goes under a truck, or if the vehicle is involved in a side collision as shown in the illustration.

■ Conditions under which airbag may deploy other than a collision

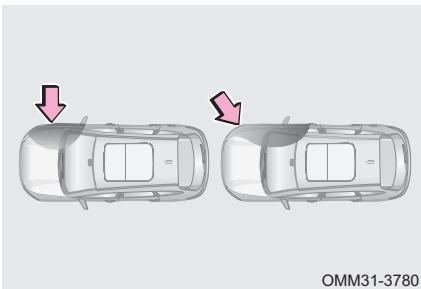


The driver airbag and front passenger airbag may also deploy if a serious collision occurs to the underside of your vehicle as shown in the illustration.

■ Conditions under which airbag may not deploy other than a collision

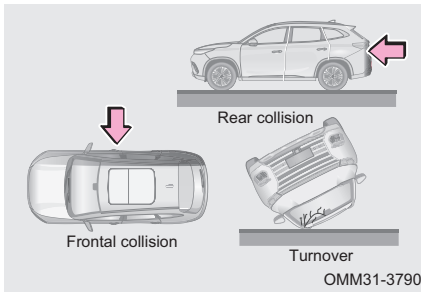


The driver airbag and front passenger airbag will usually not deploy if the vehicle is involved in a side or rear collision, if it turns over, or if it is involved in a low-speed frontal collision.



Front side airbag and curtain shield airbag may not deploy if the vehicle is subjected to a collision from side other than passenger compartment or a side collision at certain angles to body as shown in the illustration.

3. OPERATION INSTRUCTIONS



Front side airbag and curtain shield airbag may not deploy generally if the vehicle is subjected to a front or rear collision, turnover or low speed side collision.

⚠ WARNING

- The seat cover should not block seat side airbag, as in the event of an accident, the seat side airbag will not pop up after inflating, which will reduce protection for passengers.
- When cleaning front seat, do not permeate any fluid into seat, front side airbag will be wet, doing so may cause the front seat side airbag to fail.

■ Modification and disposal of airbag system components

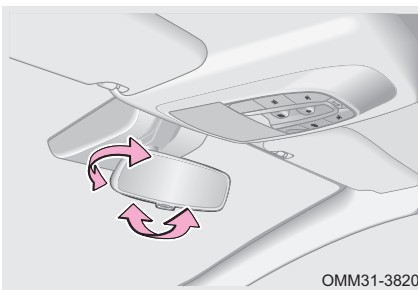
Do not dispose your vehicle or make any of the following modifications before consulting Chery authorized service station. Otherwise, airbag may malfunction or deploy (inflate) accidentally, causing death or serious injury.

Never handle with the following components without permission of Chery authorized service station:

- Installation, removal, disassembly and repair of airbags.
- Repair, modification, removal or replacement of steering wheel, instrument cluster, instrument panel and seats.
- Modification of vehicle suspension system.
- Modification of vehicle front bumper, etc.

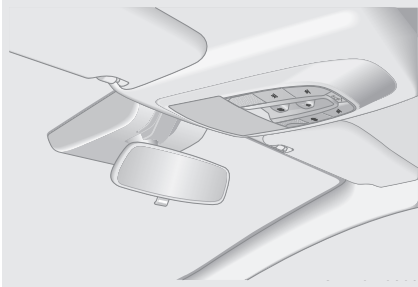
3-9. Rear View Mirror

Inside Rear View Mirror



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

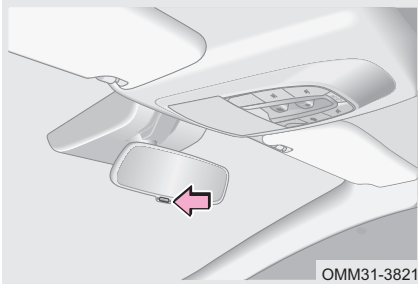
■ Manual glare-resistant inside rear view mirror



- 1 Day mode
- 2 Night mode

To reduce glare from the headlights of vehicles behind during night driving, pull the glare-resistant adjustment lever backwards to adjust the rear view mirror angle.

■ Automatic glare-resistant inside rear view mirror (if equipped)



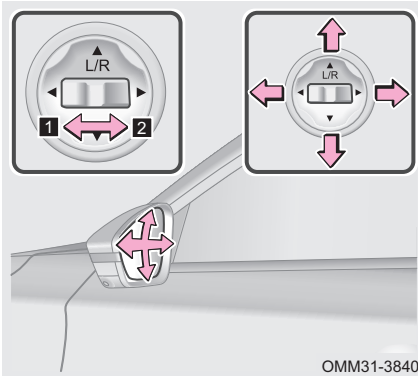
To reduce glare from the headlights of vehicles behind during night driving, press automatic glare-resistant button, indicator comes on and automatic glare-resistant function is turned on.

Outside Rear View Mirror

■ Power outside rear view mirror

Outside rear view mirror adjustment switches are located at driver side.

The mirror angle can be adjusted using rear view mirror adjustment switches only when engine start stop switch is turned to ON mode.



- 1 Move to left to adjust left outside rear view mirror
- 2 Move to right to adjust right outside rear view mirror

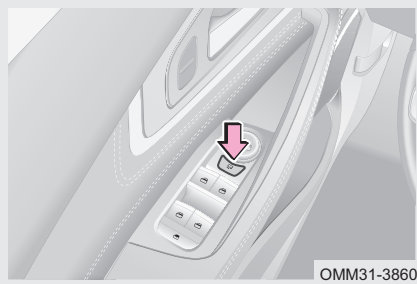
- ▲: Up
- ▼: Down
- ◀: Left
- ▶: Right

3. OPERATION INSTRUCTIONS

WARNING

- Image displayed on outside rear view mirror may differ from the actual, so always drive carefully.
- Do not adjust the outside rear view mirror while driving, failure to do so may result in an accident due to mishandling or even serious injury or death.

■ Folding/extending power outside rear view mirror (if equipped)



- Operate using switch: When engine start stop switch 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 fortifying mode, outside rear view mirrors fold automatically; In fortifying deactivation mode, outside rear view mirrors extend automatically.

READ

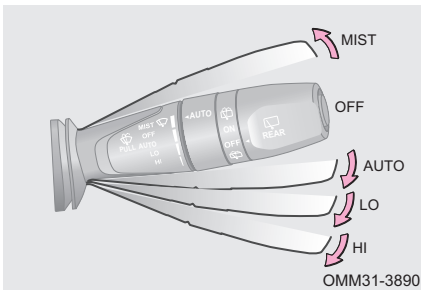
Outside rear view mirror automatic folding needs to be set in audio system.

CAUTION

- When folding and extending the outside rear view mirror, do not touch its surface to prevent damage to it with excessive force.
- When vehicle speed is > 10 km/h, outside rear view mirrors extend automatically.
- When vehicle speed is > 15 km/h, outside rear view mirror folding function is shielded.
- In cold winter, it is recommended to turn off rear view mirror automatic folding function using audio system setting. This can prevent the outside rear view mirrors from being frozen in folding position due to accumulated snow or rain, thus affecting the normal driving of vehicle.
- 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.

! WARNING

- Do not fold the outside rear view mirrors while driving.
- Be careful not to get your hand caught by a moving outside rear view mirror.
- For vehicle with power outside rear view mirror, do not fold and extend outside rear view mirrors by hand to prevent driver gear from being broken during folding due to excessive force, causing its folding function to fail.

3-10. Wiper and Washer System**Wiper Combination Switch**

Wiper combination switch is located on the right side of steering column.

Turn engine start stop switch to ON mode, switch wiper combination switch:

Mist mode "**MIST**" position

It will return to its home position automatically once releasing. At this time, wipers will stop after wiping once.

Low speed mode "**LO**" position

Wipers operate slowly and continuously.

High speed mode "**HI**" position

Wipers operate quickly and continuously.

Stop mode "**OFF**" position

Wiper turns off automatically.

Automatic mode "**AUTO**" position

Control the wiping speed of the wiper according to amount of rainfall.

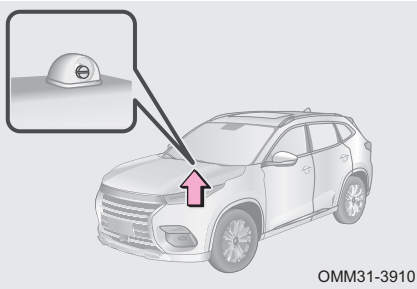
To more accurately control wiper sensitivity, adjust "**AUTO**" sensitivity knob. Rotate downward to decrease sensitivity and rotate upward to increase sensitivity.

! CAUTION

- In cold weather, always check if wiper blade is frozen onto windshield before using wipers. If so, unfrozen it before using, failure to do so may cause damage to the wiper motor and blade strip.
- If there are obstacles on windshield, do not operate wipers. Doing so may damage wiper motor or scratch the windshield.
- Do not operate wipers when windshield is dry. Doing so may scratch the glass and damage wiper blade.

3. OPERATION INSTRUCTIONS

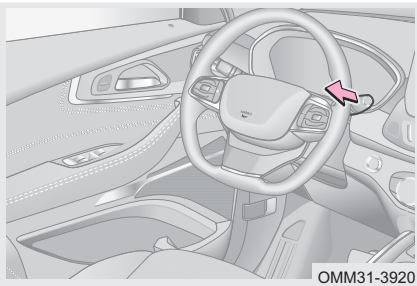
Front Washer Operation Instructions



Front washer nozzles are located on front windshield trim panel.

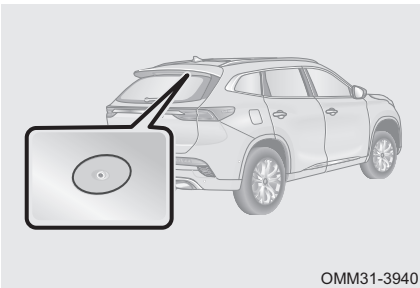
CAUTION

- When operating wiper and washer, do not exceed 10 seconds at a time.
- Do not operate washer 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.



When engine start stop switch is turned to ON mode, pull wiper combination switch towards the steering wheel and hold, the front wiper and washer will operate simultaneously. Washer will stop operating before switch is released, wiper will wipe 4 cycles at low speed, and operate one cycle then stop after 6 seconds.

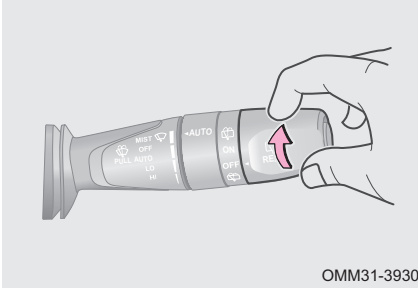
Rear Wiper Operation Instructions




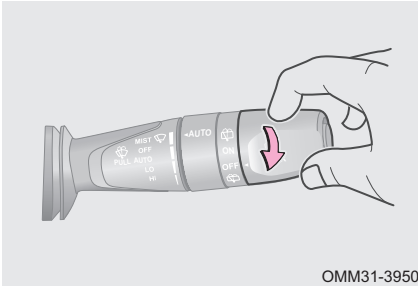
The rear washer nozzle is located above the rear windshield and below the high brake light.



CAUTION

- Do not operate washer for more than 10 seconds each time.
- Do not operate washer 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.



When engine start stop switch is turned to ON mode and turn wiper combination switch "  " to "ON" position, rear wiper operates and turn to "OFF" position to turn rear wiper off.



When engine start stop switch is turned to ON mode and turn wiper combination switch "  " to "  " position and hold, rear washer sprays water, and rear wiper works at the same time. After releasing, they stop working.

Wiper Nozzle Heating Function (If Equipped)

■ Wiper nozzle heating function (if equipped)

When the followings are met, turn on front wiper nozzle heating function:

- Battery voltage is within the normal range.
- Engine start stop switch is in ON or after engine starts.
- Outside temperature is $< 2^{\circ}\text{C}$ for 5 s or more.

After the function is turned on, front wiper nozzle heating function turns off when any of the following conditions are met:

- Engine start stop switch is turned to OFF or ACC.

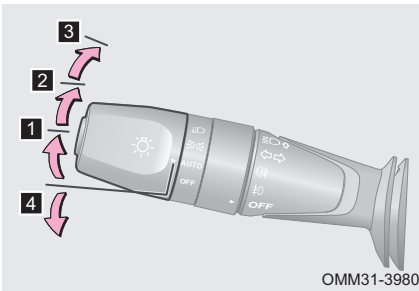
The function interrupts during the wiper nozzle heating:

- When engine starts, front wiper nozzle heating function interrupts, and after engine starts, the heating function will recover automatically.
- When outside temperature is $> 4^{\circ}\text{C}$ for 5 s or more, front wiper nozzle heating function interrupts; When outside temperature is $< 2^{\circ}\text{C}$ for ≥ 5 s or more, the heating function will recover automatically.

3. OPERATION INSTRUCTIONS

3-11. Vehicle Light

Headlight Combination Switch



2 "☰" position

Turn on front and rear position lights, license plate light, ambient lights and backlights.

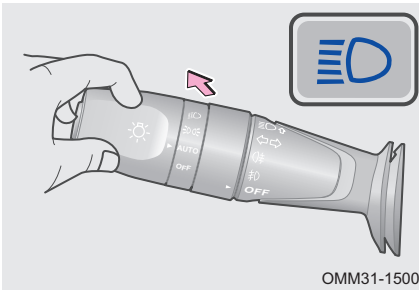
3 "☷" position

Turn on low beam lights and position lights.

4 "OFF" position

It is used to turn off headlight.

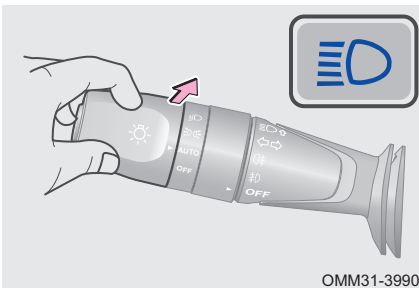
■ Headlight high beam



Headlight high beam

When turning on low beam light, pull headlight combination switch away from steering wheel side and release, headlight high beam comes on.

Pull headlight combination switch towards steering wheel side and release to turn off headlight high beam.



Flashing headlight high beam

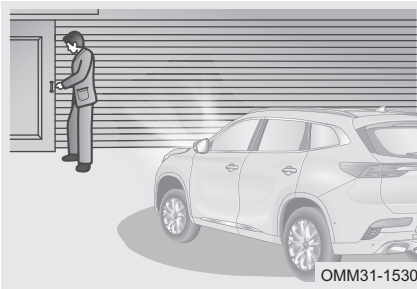
Pull headlight combination switch towards the steering wheel and release it to flash the headlights once. At the same time, headlight high beam indicator in instrument cluster blink once.

READ

You can flash headlight high beam with headlights on/off.

⚠ CAUTION
 If parking vehicle for a long time, make sure that headlight combination switch is turned off to avoid discharging battery. Failure to do so may cause the vehicle cannot be started.

■ Follow me home function



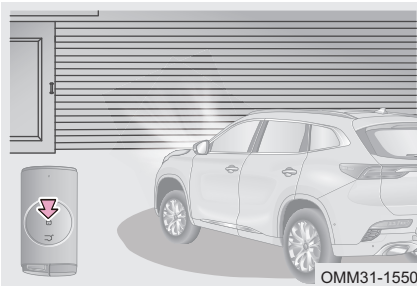
Turn engine start stop switch to OFF mode:

- When headlight high beam is turned on, follow me home function is activated, low beam lights and position lights come on.
- When headlight high beam blinks, follow me home function is activated, low beam lights and position lights come on.

📖 READ

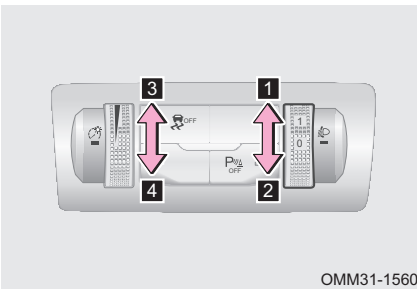
- Activation time of follow me home function needs to be set in audio system.
- When follow me home function is activated, open/close the door, activation time of follow me home function will re-timing.

■ Smart vehicle locating function



Press lock button on smart key continuously twice, smart vehicle locating function is activated, low beam lights and position lights come on about 25 s. Turn signal lights flash 3 times and horn sounds 3 times. For whether horn sounds during vehicle locating, it can be set in audio system.

■ Light adjustment



- 1 Leveling headlight beam upper
- 2 Leveling headlight beam lower
- 3 Increasing ambient light/instrument panel brightness
- 4 Lowering ambient light/instrument panel brightness

Headlight leveling adjusting switch includes 4 positions: 0, 1, 2 and 3.

Headlight beam can be leveled according to occupant quantity and ve-

3. OPERATION INSTRUCTIONS

hicle load.

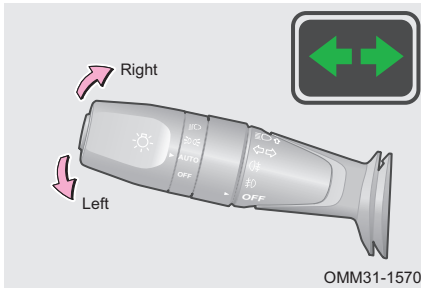
Set headlight leveling adjusting switch as following table:

Occupant & Luggage Load		Switch Position
Occupant	Luggage Load	
Driver	None	0
Driver + front passenger	None	1
Driver + front passenger + all rear seats occupied	None	1 or 2
Driver + front passenger + all rear seats occupied	Fully loaded	2
Driver	Fully loaded	3

READ

Position lights should be turned on when adjusting ambient light/instrument panel brightness.

■ Turn signal lights



With engine start stop switch ON, pull headlight 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, turn signal indicator in instrument cluster blinks. As vehicle is turning back after turning, combination switch automatically returns to center position.

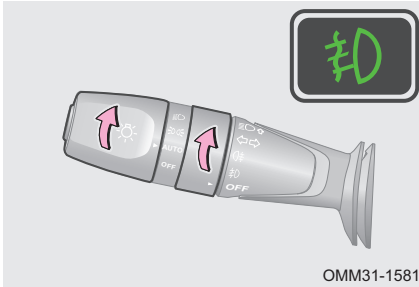
Lane change assist function

Turn engine start stop switch to ON mode, pull turn signal light switch once but not over steering point, and turn signal lights flash 3 times.

READ

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

■ Front fog light



Turn engine start stop switch to ON mode, turn headlight combination switch to "☀️" or "☀️☁️" position, turn fog light knob to "☁️" position to turn on front fog light, turn fog light knob to "OFF" position again or turn engine start stop switch to OFF mode, front fog light turns off.

Cornering light function

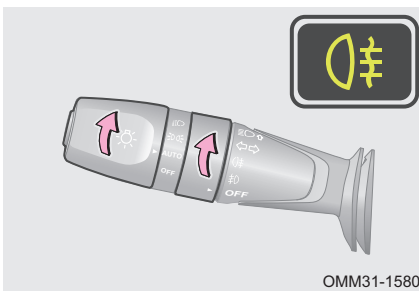
With engine start stop switch ON, turn headlight combination switch to "☀️" position:

- Corresponding front fog lights come on when turn signal lights are turned on, front fog lights go off when turn signal lights are turned off.
- During large angle steering, corresponding front fog lights come on, during steering wheel returning, front fog lights turn off.
- During reversing, front fog lights come on simultaneously, during steering wheel returning, front fog lights turn off.

📖 READ

- When turning off headlight low beam, front fog lights turn off at the same time.
- Use fog lights correctly in accordance with local traffic laws and regulations.

■ Rear fog lights



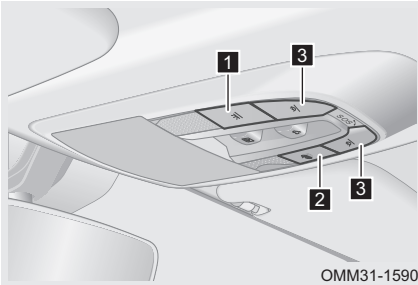
Turn engine start stop switch to ON mode, turn headlight combination switch to "☀️" or "☀️☁️" position, turn fog light knob to "☁️" position to turn on rear fog light, turn fog light knob to "OFF" position again or turn engine start stop switch to OFF mode, rear fog light turns off.

📖 READ

- When turning off headlight low beam, rear fog lights turn off at the same time.
- Use fog lights correctly in accordance with local traffic laws and regulations.

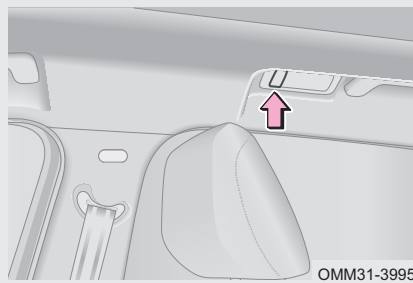
3. OPERATION INSTRUCTIONS

■ Front map lights



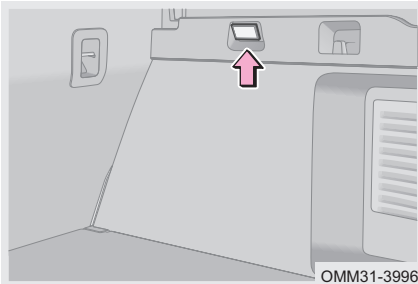
- 1 Press map light switch to turn map lights on.
- 2 Press door control switch to turn off this function (if any door is opened and remains open, the map lights come on).
- 3 Press left/right map light switch to turn left/right map light on.

■ Rear map light (if equipped)



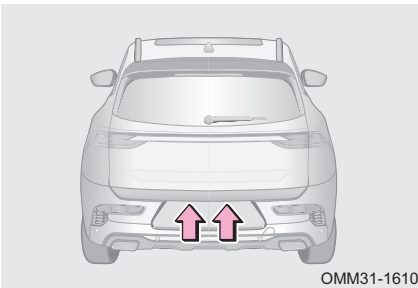
When doors are closed, press rear map light switch to turn on the light, press the switch again to go off.

■ Luggage compartment light



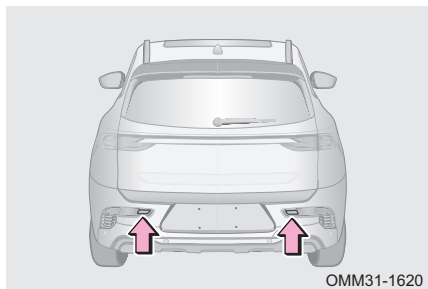
When back door is opened, luggage compartment light will turn on automatically. When back door is closed, luggage compartment light will turn off immediately.

■ License plate lights



Turn headlight combination switch to "☞☞☞" position to turn on license plate lights. They are used to illuminate license plate in dark.

■ Back-up lights



OMM31-1620

Turn engine start stop switch to ON mode, shift the shift lever to R, back-up lights come on.

■ Door Shadow Light Function

■ Door shadow light

When pressing unlock/lock button on smart key to open/close the door in dark, door shadow light comes on.

■ Automatic sensing door shadow light

When vehicle is locked and enters fortifying state, if you unlock vehicle or approach vehicle within 3 m from outside while carrying smart key, door shadow light comes on automatically and goes off automatically if the door is kept closed within 25 s. After door shadow light comes on, carry smart key and stay at least 4 m away from the vehicle, the light comes on at least 5 s, and then goes off.



READ

Door shadow light function needs to be set in audio system.

■ Light Fogging Instructions

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

3. OPERATION INSTRUCTIONS

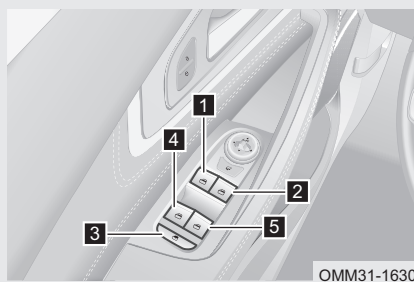
⚠ WARNING

- 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 the serious consequences of water and dust entering lights!
- It is strictly forbidden to flush the engine compartment with a high pressure water gun, in particular, the lights cannot be flushed. Due to high pressure of high pressure water gun, accessories on lights may loose or fall off, vent hole and wire harness connector may damp, resulting in water infiltration or moisture not dispersing for a long time, and even severe condensation.
- When wading, follow vehicle wading requirements (water depth, speed, etc.), otherwise water may enter lights.
- After opening light dust cover, reinstall it in place at the end of operation to prevent water from entering.

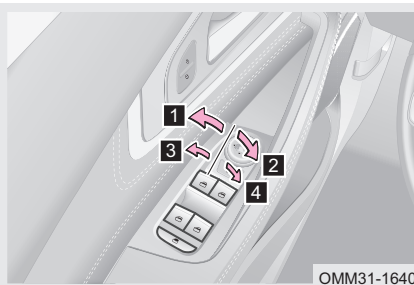
3-12.Windows

Power Windows

- Operate driver door power window switches to operate passenger windows



- 1 Front left power window switch
- 2 Front right power window switch
- 3 Rear passenger window shielding switch
- 4 Rear left power window switch
- 5 Rear right power window switch



With engine start stop switch ON, operate each window switch to open or close the window accordingly.

- 1 Pull the switch to top, window will go up automatically; Pull the switch again, window will stop moving.
 - 2 Push the switch to bottom, window will go down automatically; Push 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 Push the switch downwards by one level, window will go down; Release the switch, window will stop moving.

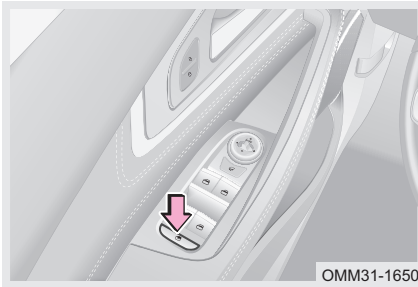
 READ

During window auto up or auto down, window auto up or auto down operation will stop when operating power window switch (regardless of up or down).

 CAUTION

- When operating power window one-touch window up function, check that any part of passenger will not be caught.
- After leaving vehicle in low temperature environment for a long time, when operating window switch, glass cannot be fully opened or closed. In this case, release the switch and then operate it again, repeat 3-5 cycles to recover.
- 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.

■ Rear passenger window shielding switch



It is used to shield rear passenger power window switch function. Rear passenger windows only can be operated by driver side power window switches after shielding. It is recommended to use this function when there is a child in vehicle.

Press rear passenger window shielding switch, rear passenger window shielding switch indicator comes on and shield rear left/right door power window switch, press the switch again to cancel this function and the indicator goes off.

 READ

At the moment of starting engine, window up and down operation will be suspended to provide large current for engine starting.

 WARNING

To avoid personal injury, when operating windows, check and make sure that any part of passenger body will not be caught. Instructions should be given to passengers when they operate windows.

3. OPERATION INSTRUCTIONS

Remote Control Function

■ Remote control window down function

With engine start stop switch OFF, press unlock button on smart key and hold for at least 2 s, four door window glass will go down automatically/moon roof tilts up. If the unlock button on smart key is released in this process, window glass will stop going down/moon roof stop tilting up.



READ

- When moon roof is not fully closed, press unlock button on smart key and hold for at least 2 s, moon roof will not tilt up automatically.
- For whether moon roof is allowed to be opened simultaneously in process of remote control window down, it can be set in audio system.

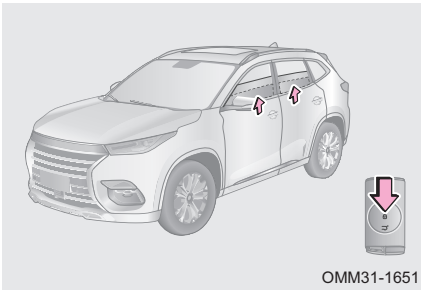


CAUTION

In process of remote control window down, press and hold unlock button on smart key. If remote signal interrupts due to jitter (including hand jitter and electromagnetic interference), the process will stop.

■ Remote control window up function

With engine start stop switch OFF and all doors closed, press and hold lock button on smart key, the vehicle will enter fortifying state and four door window glass will raise automatically/moon roof will close automatically.



During window glass raising automatically/moon roof closing automatically, if release the lock button on smart key, press other button on smart key or open the door in this process, window glass will stop raising/moon roof will stop closing.



CAUTION

When using remote control window up function, operator must see vehicle clearly and confirm that passengers cannot be caught by power window. After window up operation is completed, confirm that four door windows are closed before leaving.

Window Jam Protection Function

■ Jam protection function

- When jam protection function operates normally, during auto window up or remote control one-touch window up, if obstacle resistance 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 the switch again.
- Jam protection function stops sensing when window is about to close completely. Therefore, extremely thin obstacles may not trigger jam protection function during window rising.

■ Manual learning function

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

1. Turn engine start stop switch to ON mode;
2. Operate window switch and hold for 2 s manually to fully close window, then release the switch;
3. Operate window switch and hold for 2 s manually to fully open window, then release the switch;
4. Try to operate auto window up function;
5. If window cannot close automatically, please repeat the above steps to set.



READ

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



CAUTION

- When closing window, even if it is equipped with jam protection function, always keep window close area 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.
- 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. Failure to do so may damage window regulation system mechanism or injure personal accidentally.
- If battery cable is disconnected and then is reconnected, auto window up function and jam protection function will not work.

3. OPERATION INSTRUCTIONS

■ Canceling jam protection function

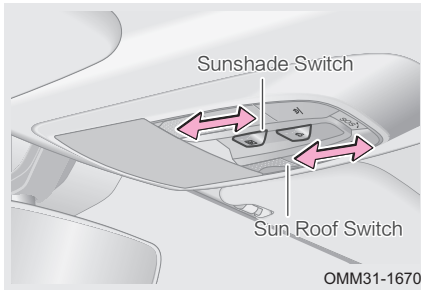
For protecting the window regulation system, window jam protection function and auto window up function will be canceled in some conditions to avoid potential safety hazard. At this time, window can be closed and opened as usual. After jam protection learning, window regulation function of corresponding door will return to normal.

- If obstacle is encountered twice continuously when going up power window, power window will stop going up, jam protection function will be canceled.
- Power window will cut power regardless of work or non-work status, jam protection function will be canceled.

3-13. Panoramic moon roof (If Equipped)

Panoramic moon roof

There are many ways to open/close moon roof, such as by moon roof switch, voice recognition function (if equipped).



Automatic opening/closing of the sunshade

Push sunshade switch backward, sunshade will slide to middle position, push moon roof switch again, sunshade will slide to fully open position.

When sunshade is fully open, push sunshade switch forward, sunshade will slide to middle position, push moon roof switch again, sunshade will slide to fully close position.

Automatic tilt opening/closing of the moon roof

Push moon roof switch forward, moon roof will tilt up.

When moon roof tilts up, pushing moon roof switch backward will close moon roof or directly pushing sunshade switch forward will close moon roof and sunshade at the same time.

Automatic opening/closing of the moon roof

Push moon roof switch backward, moon roof will slide open, push the switch backward again, moon roof will slide open to maximum position.

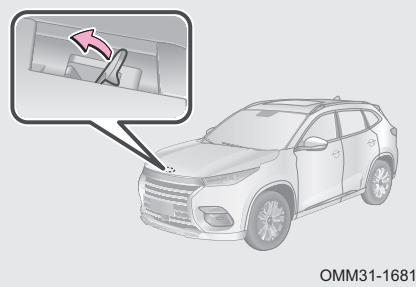
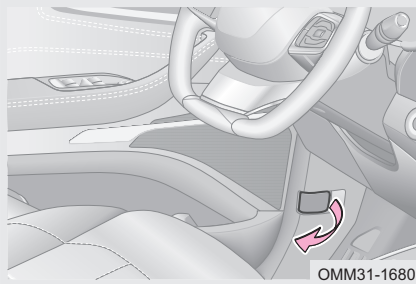
When moon roof is open, pushing moon roof switch forward will close moon roof or directly pushing sunshade switch forward will close moon roof and sunshade at the same time.

READ

moon roof switch and sunshade switch are designed in 2 gears, first gear: manually control the opening range; second gear: automatically control the opening range, please select proper gear according to your needs.

3-14. Hood

Hood



The hood release lever is located at the left lower part of the driver side instrument panel.

1. The hood will spring up slightly by pulling hood release lever.
2. Reach your hand to the left of center part of the hood front end, 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.
3. Lower the hood and close it until the latch is locked.
4. After closing the hood, lift the hood lightly to check that hood is fully closed.

 CAUTION

- Before closing the hood, check if you have left any tools, rags etc. in the engine compartment.
- Make sure that the hood is completely closed before driving. If the hood is not closed completely, drive vehicle to a safe place and stop it, and close it properly.
- When closing hood, do not press it by hand, otherwise it may be deformed.

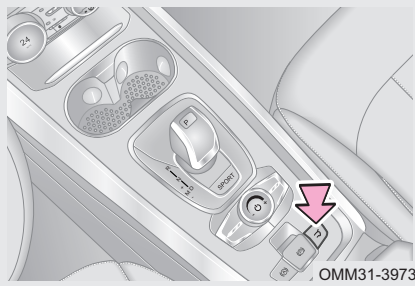
3. OPERATION INSTRUCTIONS

3-15. Power Back Door (If Equipped)

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.

■ Opening/closing power back door



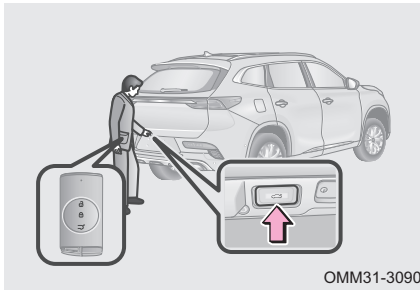
Power back door switch is located on the left side of instrument panel.

Engine start stop switch is turned to OFF, ACC or ON mode and shift the shift lever to P position:

- Long press the power back door switch, turn signal lights will come on and power back door will be opened/closed.
- Short press the power back door switch during back door opening/closing, power back door will stop.

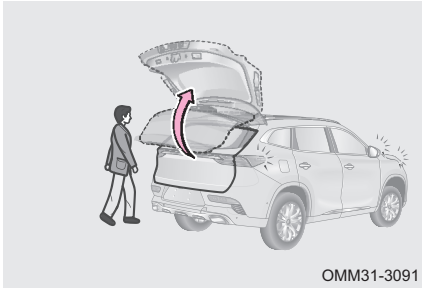
Engine start stop switch is turned to OFF, ACC or ON mode and shift the shift lever to P position:

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



- Long press back door opener button on smart key, turn signal lights will come on and power back door will be opened/closed.
- Press the back door switch during back door opening/closing, power back door will stop.
- Short press the back door opener button on smart key during back door opening/closing, power back door will stop.

■ Sensing open



Step 1: When engine start stop switch is in OFF mode and all doors and back door are closed;

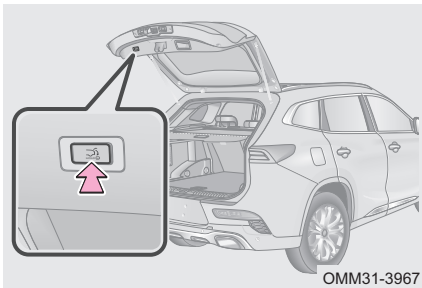
Step 2: Approach to back of vehicle about within 0.7 m when carrying smart key, and wait for more than 2 s, the system automatically recognizes validity of smart key, turn signal lights begin blinking and buzzer sounding, back door will open automatically after reminding. If leave the back area of vehicle before back door is not opened automatically, the process of back door auto opening stops.




READ

- Smart key sensing back door opening needs to be set in audio system.
- Only sensing opening is available for power back door, sensing closing is not available.
- The process of smart back door sensing opening can also be stopped by pressing the back door button on smart key during smart back door sensing reminding.
- Please note that when doing other things (such as washing the vehicle) near back door while carrying smart key, there is a possibility that back door automatically senses and opens, please take care to avoid accidents.

■ Back door button usage instructions




"" this button is located on the left inner side of back door.

- Back door function can be turned off/suspended.
- With four doors locked and vehicle in fortifying state, open the back door and then close it, four doors are still locked and vehicle is in fortifying state.
- Back door opening height can be set.

Operating method is as follows:

1. After back door is opened, adjust back door to desired height;

3. OPERATION INSTRUCTIONS

2. Long press the "" button until vehicle gives a light and horn reminder, indicating that back door opening height is set successfully.



READ

Back door opening height also can be set in audio system.

■ Back door jam protection function

When back door is opening/closing, if it 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.



CAUTION

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



WARNING

- Before driving, the back door must be closed, otherwise it may cause accidents and damage to related parts.
- Although the vehicle is equipped with jam protection function, do not activate jam protection function on purpose to avoid accidental injury.

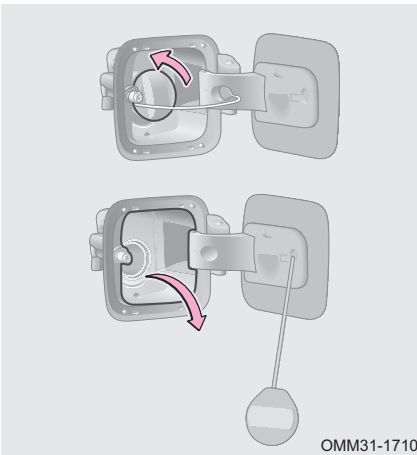
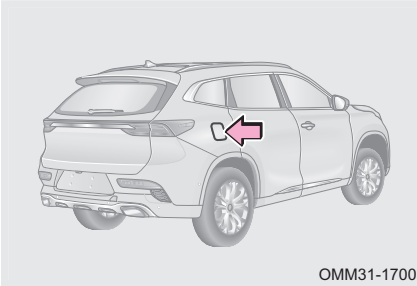
■ Protection mode function

When opening/closing the back door, if multiple suspensions or jam protections occur, power back door may not operate to protect motor and system, it is necessary to close the back door by hand, power back door function resumes at this time.

3-16. Fuel Tank Cap

Fuel Tank Cap

■ Opening/closing fuel tank cap



1. After the vehicle fortifying is deactivated, push fuel tank cap, the cap will pop up.

2. Turn fuel filler cap counterclockwise to remove it.

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

4. Close fuel tank cap.



READ

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

3. OPERATION INSTRUCTIONS

CAUTION

- A slight whooshing sound may be heard when the fuel tank cap is loosened. 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.

READ

- Before refueling, turn engine start stop switch off and close all windows and doors.
- 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.

STARTING AND DRIVING VEHICLE

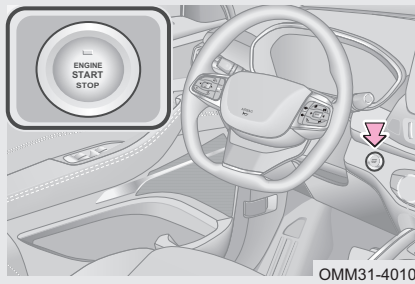
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4.STARTING AND DRIVING VEHICLE

4-1. Engine Start Stop Switch

Engine Start Stop Switch

Engine start stop switch is on a prominent location in dashboard, used to switch vehicle power modes and start engine.



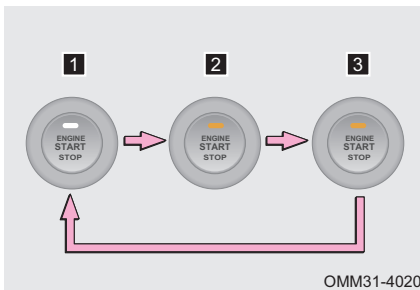
Carry smart key on person or place it in vehicle, shift the shift lever to P or N, depress brake pedal and press the engine start stop switch to start the engine.

READ

- When operating engine start stop switch, one short and firm press is enough.
- If engine start stop switch is pressed improperly, the engine may not be started or engine start stop switch mode may not be switched.
- During using vehicle daily, do not place smart key into auxiliary fascia console storage box with "key" mark (because the smart key that has sufficient battery power into auxiliary fascia console storage box may trigger instrument alarm "Smart key not detected", "Verify successfully, start ready",so there is misjudgement for owner.

■ Switching vehicle power mode

The engine start stop switch has 3 modes. When system has detected valid smart key and brake pedal is released, press engine start stop switch to switch modes. Each time the switch is pressed, the mode will be changed. When the engine start stop switch is turned to ACC/ON mode, it is necessary to depress brake pedal and shift the shift lever to P or N, the engine start stop switch indicator turns to green. In this case, press the engine start stop switch to start engine.



- 1** OFF mode (indicator does not come on) In this mode, all electrical appliances turn off.
- 2** ACC mode (indicator comes on in amber) In this mode, part electrical appliances can be used.
- 3** ON mode (indicator comes on in amber) In this mode, all electrical appliances can be used.

⚠ CAUTION

- When engine is running or in ON mode, if it is necessary to shut down or turn off ON mode, shift the shift lever to P first and then press the engine start stop switch to make sure the vehicle can switch to OFF mode correctly.
- When engine is running or in ON mode with shift lever in a position other than P (D, R or N), when pressing the engine start stop switch directly, the vehicle only can be turned to ACC mode, power of the complete vehicle cannot be cut off successfully. In this case, keyless entry, remote control key and away auto lock cannot be used to lock the vehicle (no lock prompt is given).
- If so (vehicle switches to ACC mode), engine start stop switch must be pressed again to switch to ON mode or start engine (depress brake pedal). Then press the engine start stop switch again to switch the vehicle to OFF mode after checking that the shift lever is in P. Always make sure the vehicle turns to OFF mode and is locked successfully. Otherwise, battery will be discharged and engine cannot be started.
- When engine start stop switch is switched to ACC or ON mode or when the engine is running, if a door is opened and smart key is taken out, buzzer sounds once and meter displays "Key Not in Vehicle". After closing the door, anti-theft horn sounds 3 times, turn signal lights flash 3 times and meter displays "Key Not in Vehicle". Avoid carrying keys away from vehicle to prevent engine from shutting down. If so, the vehicle cannot be started because key is not in vehicle.
- Do not leave engine start stop switch in ACC or ON mode for a long time with engine not running, to prevent battery from discharging.

■ Auto power off function

If shift lever is in P and engine stops, when engine start stop switch is in ACC/ON mode over 1 hour, power turns off automatically.

⚠ CAUTION

If the shift lever is not in P, auto power off function is not available.

4-2. Starting Engine**Before Starting Engine**

1. Check around the vehicle before getting in;
2. Adjust seat position, seatback angle, head restraint height and steering wheel angle;
3. Adjust angle of the inside and outside rear view mirrors;
4. Turn off any unnecessary lights and electrical appliances;

4.STARTING AND DRIVING VEHICLE

5. Fasten the seat belts;
6. Check that the vehicle is parked;
7. Check that shift lever is in P or N position;
8. Turn engine start stop switch to ON mode, and check if malfunction indicator and other indicators in instrument cluster are normal. If not, contact Chery authorized service station for inspection and repair immediately.

CAUTION

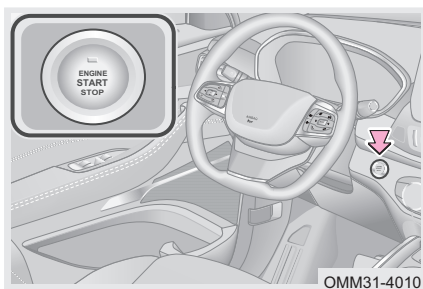
When gear position is not in P, turn off the engine, power of instrument cluster is not cut off and vehicle cannot be locked. This is normal. To protect vehicle safety and engine, Chery carries out corresponding settings about button shutdown and power turning off. The details are as follows:

- When engine is running or in ON mode, if it is necessary to shut down or turn off ON mode, shift the shift lever to P first and then press the engine start stop switch to make sure the vehicle can switch to OFF mode correctly.
- When engine is running or in ON mode with shift lever in a position other than P (D, R or N), if the engine start stop switch is pressed directly, the vehicle only can be turned to ACC mode, power of the complete vehicle cannot be cut off successfully;
- After the shift lever is in a position other than P and press engine start stop switch to shut down or cut off power, the vehicle enters ACC mode instead of OFF mode. In this case, keyless entry, remote control key and away auto lock cannot be used to lock the vehicle and no lock prompt is given;

If so (vehicle switches to ACC mode), engine start stop switch must be pressed again to switch to ON mode or start engine (depress brake pedal). Then press the engine start stop switch again to switch the vehicle to OFF mode after checking that the shift lever is in P. Always make sure the vehicle turns to OFF mode and is locked successfully. Otherwise, battery will be discharged and engine cannot be started.

- When engine start stop switch is switched to ACC or ON mode or when the engine is running, if a door is opened and smart key is taken out, buzzer sounds once and meter displays "Key Not in Vehicle"; After closing the door, anti-theft horn sounds 3 times, turn signal lights flash 3 times, and meter displays "Key Not in Vehicle", confirm vehicle lock condition to prevent battery from depleting and engine from failing to start due to improper lock.

Starting Engine



Carrying smart key with you or placing it in vehicle can switch engine start stop switch mode or start engine.

1. Shift lever is in P or N position;
2. Firmly depress brake pedal, engine start stop switch indicator will become green (if indicator does not become green, engine cannot be started);
3. Press engine start stop switch to start engine.

After Starting Engine

Engine idle speed is controlled by electrical control system. When engine is started, it runs at a higher speed to warm. This is normal. After the engine temperature increases, engine speed will automatically decrease to normal level. If not, please contact Chery authorized service station for inspection and repair as soon as possible.

⚠ WARNING

Engine exhaust gas contains harmful substance which may lead to a serious health hazard when being inhaled. To avoid inhaling exhaust gas, following measures should be taken:

- 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 area, someone should control engine in vehicle, switch air conditioning to outer circulation, and set high blower speed.

Turning off Engine



1. Stop vehicle and apply parking brake;
2. Shift the shift lever to P position;
3. Press engine start stop switch;
4. Check that engine is turned off.

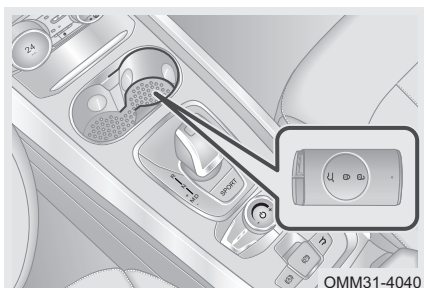
4.STARTING AND DRIVING VEHICLE

CAUTION

- Do not depress accelerator pedal before engine is turned off.
- After driving at a 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 Engine in Emergency

■ Starting engine in emergency



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

1. Lay smart key on bottom of cup holder with front side facing up;
 2. Turn engine start stop switch to ON mode;
3. Depress brake pedal firmly and press engine start stop switch to start engine.

■ Turning off engine in an emergency

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

- Press engine start stop switch briefly 3 times or more in succession within 3 seconds.
- Press and hold engine start stop switch for over 2 seconds.


WARNING

- If it is necessary to disconnect battery, always keep engine start stop switch in OFF for 15 minutes and then perform operation. Otherwise, engine failure may be triggered and transmission gear position self-learning information may be lost, causing vehicle cannot start.
- At this time, the vehicle needs to perform transmission gear position self-learning again (For details, refer to "Automatic Transmission" in this section). If engine malfunction indicator comes on, contact Chery authorized service station for inspection and repair immediately.
- During using vehicle daily, do not place smart key into auxiliary fascia console storage box with "key" mark (because the smart key that has sufficient battery power into auxiliary fascia console storage box may trigger instrument alarm "Smart key not detected", "Verify successfully, start ready", so there is misjudgement for owner.

4-3. Electric Power Steering System (EPS)

Electric Power Steering System

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

 **READ**

- When the steering system is overheating, instrument alarm text message is "Steering System Overheat, Drive Carefully".
- When Electric Power Steering System (EPS) is malfunctioning, instrument alarm text message is "Electric Power Steering Malfunction, Contact 4S Shop".

 **CAUTION**

When parking or driving at low speed, if steering wheel reaches or nearly reaches the limit position several times continuously, the operation force of steering wheel may become heavier and steering system may overheat. This is due to the heat protection function of power steering system and it is normal. In this case, stop turning the steering wheel for a while and system will return to normal automatically.

 **WARNING**

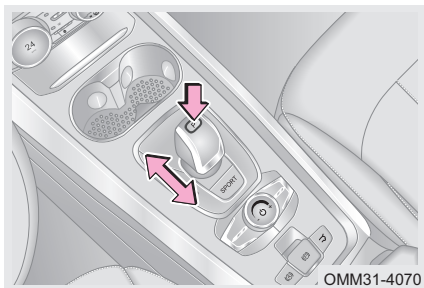
After Electric Power Steering System (EPS) fails, vehicle still has conventional steering ability, but you should drive carefully and avoid driving at high speed. In this case, contact Chery authorized service station for inspection and repair as soon as possible.

4.STARTING AND DRIVING VEHICLE

4-4. Automatic Transmission

Automatic Transmission

Your vehicle is equipped with electrically controlled automatic transmission which includes two shift modes: Manual and automatic.



The operation procedures for automatic transmission are as follows:

1. Fully depress the brake pedal, move the shift lever from P position to D position;
2. Manually or automatically release the parking brake and release the brake pedal to drive the vehicle slowly (for detailed operation method about releasing parking brake, refer to "Brake System" in this section).

READ

Press P button on the shift lever to shift to P position. Move the shift lever forwards and backwards to shift to other positions (R, N, D).

CAUTION

- When the transmission fails, instrument alarm text message is "Slow Down, Contact 4S Shop".
- When the transmission temperature is too high, the instrument alarm text message is "High Transmission Temperature, Drive Carefully".
- When transmission alarms, drive the vehicle to a safe area and stop the vehicle, turn off engine start stop switch and contact Chery authorized service station for inspection and repair immediately.



Automatic mode (P, R, N and D) and manual mode M (+, -) are available during driving. Selected gear position will be displayed on multi-function display in instrument cluster.

- Automatic mode: After driver shifts the shift lever to D, vehicle upshifts and downshifts automatically according to speed without manual intervention.

- Manual mode: Driver can upshift and downshift, the transmission is 7-speed (forward driving position), also you can switch between manual mode M (+, -) and D.

Push shift lever to left with it in D to enter manual mode M (+, -), push forward to upshift by one gear and push backward to downshift by one gear.

CAUTION
<ul style="list-style-type: none"> ● Only when rotating speed and vehicle speed are appropriate, upshift or downshift operation is possible; For example, when engine runs at a high speed, downshift is not possible. ● To use auto operation mode again, shift shift lever right to D. ● In temporary manual mode, when shift lever is in D, it cannot be moved to left, so that it cannot shift to permanent manual mode.

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

Gear Position	Function				
P (Park)	This is park position. Drive wheels are mechanically locked. Engine can be started.				
R (Reverse)	This is reverse position. Back-up lights will come on and parking radar system will operate.				
N (Neutral)	This is neutral position. It is used for short time idling stop.				
D (Forward Drive)	This is forward driving position. Automatically upshift and downshift among all forward driving positions according to engine load and vehicle speed.				
Manual Mode M	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center; border-right: 1px solid black;">+</td> <td style="padding: 5px;">Push shift lever toward + once, transmission will upshift by one gear.</td> </tr> <tr> <td style="width: 20px; text-align: center; border-right: 1px solid black;">-</td> <td style="padding: 5px;">Push shift lever toward - once, transmission will downshift by one gear.</td> </tr> </table>	+	Push shift lever toward + once, transmission will upshift by one gear.	-	Push shift lever toward - once, transmission will downshift by one gear.
+	Push shift lever toward + once, transmission will upshift by one gear.				
-	Push shift lever toward - once, transmission will downshift by one gear.				

■ Shift operation instructions

It is used to avoid operating shift lever accidentally when driving at low speed, which may resulting in danger due to driving direction change. When shift between D and R, shift to N first and then to the corresponding position.

■ Automatically shifting to P

When vehicle stops from speed of over 15 km/h with gear position in R or D, if driver side door is already opened and brake pedal is not depressed, it will automatically shift to P position. If driver side door cannot be closed due to damages, driver can shift to R or D by hand after system switches to P auto-

4.STARTING AND DRIVING VEHICLE

matically to drive the vehicle.

CAUTION

- Never use P instead of parking brake.
- Shift to P only after completely stopping the vehicle.
- With shift lever in P, when shift to manual mode M (+, -), vehicle cannot start and meter displays "Check Shift Lever Position", move the shift lever to right (shift to D) to become normal.
- Do not shift the shift lever out of D while the vehicle is moving forward (vehicle speed is over 5 km/h). Otherwise, the transmission may be damaged.
- Do not shift the shift lever out of R while the vehicle is moving backward (vehicle speed is over 5 km/h). Otherwise, the transmission may be damaged.
- When engine stalls, do not coast vehicle in N. Otherwise, the transmission will be easily damaged.
- In manual mode, up-shifting and down-shifting operations must be performed by pushing shift lever according to engine speed and vehicle speed. If the requirements are not met, the transmission will not perform the gear shifting operation.
- In manual mode, when engine speed reaches to the highest speed, it shifts up automatically; when engine speed is excessively low, it shifts down automatically; when vehicle brakes and slows down, it shifts down automatically.
- When vehicle malfunctions occur due to insufficient battery, even depress brake pedal, shifting out from P is impossible. Contact Chery authorized service station for inspection and repair as soon as possible.
- When vehicle speed reaches a certain speed (over 10 km/h), gear position can not be shifted between D and R by operating shift lever. The purpose is to ensure your driving safety. Please feel free to use it.

WARNING

- When shift lever is in N, make sure parking brake is applied or brake pedal is depressed, otherwise an accident may occur.
- Do not tow the vehicle for a long distance or at a high speed. For detailed information about vehicle towing, refer to "6-5. Towing Vehicle".

■ Transmission self-learning operation specification

If the battery is disconnected immediately after the engine start stop switch is in OFF mode, gear position loss will occur after reconnecting the battery, at this time, it is necessary to perform shift drum and clutch position self-learning, then vehicle can be driven normally.

Transmission self-learning operation steps:

1. Connect battery and turn engine start stop switch to ON mode;
2. Firmly depress brake pedal and hold for 30 seconds or more until P is displayed in meter, at this time, transmission self-learning operation is completed;
3. If P is not displayed, disconnect battery negative and repeat steps 1 and 2 until P is displayed in meter.



READ

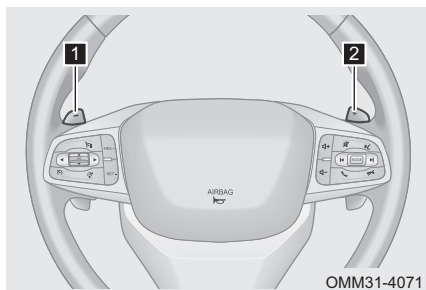
If the vehicle still cannot be driven normally after above operations are performed continuously, check whether vehicle self-learning meets the following conditions:

1. Battery voltage is higher than 10 V;
2. Four wheel speed sensors are normal without malfunctions;
3. Brake pedal is normal without malfunctions;
4. Transmission power supply is normal, transmission wire harness as well as sensor and actuator connection are normal.

If you cannot confirm the above problems, please contact Chery authorized service station for inspection and repair as soon as possible.

Paddle Shift Switch (If Equipped)

Use paddle shift switch on the steering wheel to shift gear position quickly. Both hands can hold the steering wheel.



● Manual mode

Push shift lever to left with it in D to enter manual mode.

1 Downshift

Each time it is operated, gear position goes down by one level.

2 Upshift

Each time it is operated, gear position goes up by one level.

4.STARTING AND DRIVING VEHICLE

CAUTION

- Within the allowed engine speed range, transmission will lock at the gear position you selected manually. When vehicle is driving on a long downhill road, it is recommended to select lower gear manually to control vehicle speed better, and reduce vehicle braking force attenuation because of depressing brake pedal for a long time or frequently.
- When trying to make vehicle free from a stuck or wading, it is recommended to select lower gear manually to get larger wheel drive force and avoid water on road entering exhaust pipeline.

● Temporary manual mode

Move paddle shift switch once to enter temporary manual mode.

1 Downshift

Under temporary manual mode, each time it is operated, gear position goes down by one level.

2 Upshift

Under temporary manual mode, each time it is operated, gear position goes up by one level.

Two ways to exit temporary manual mode:

If gear position is not shifted by operating paddle shift switch in a certain period of time (15 s), and shift lever is in D, it will switch to auto mode again.

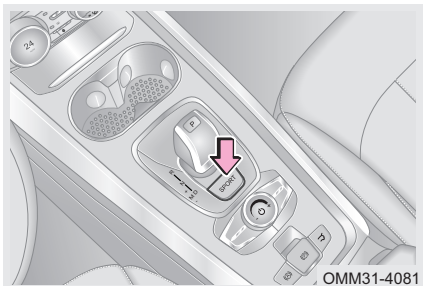
Press paddle shift switch "+" and "-" at the same time to exit temporary manual mode.

READ

- When shifting under temporary manual mode, the system calculates automatically. Only when engine speed and vehicle speed are appropriate, upshift or downshift operation is possible.
- If shifting gear position using paddle shift switch on steering wheel under auto mode, it will change to temporary manual mode.

Driving Mode

■ SPORT mode



Press SPORT mode switch to enter SPORT mode, and you can select mode according to road conditions.

Under SPORT mode, system adjusts pedal curve and shift line to further enhance vehicle sport characteristics.

■ Fail-safe mode

When malfunction occurs in transmission system, fail-safe mode will be automatically activated, transmission cannot operate normally, and vehicle will slow down and be driven at low speed.

CAUTION

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

■ Intelligent timely All Wheel Drive System (AWD) (if equipped)

Intelligent timely All Wheel Drive System (AWD) distributes engine power to all four wheels at the same time.

Intelligent timely All Wheel Drive System (AWD) is suitable for snowy, muddy road and other slippery surface. Different engine power is automatically distributed to the front and rear wheels, and this creates some advantages, for example, it will increase traction when slipping and make acceleration more stable.

CAUTION

- When all wheel drive system is malfunctioning, instrument alarm text message is "All Wheel Drive System Malfunction, Contact 4S Shop".
- For temporary protection, "All Wheel Drive System Temporarily Fails" is displayed. When the condition is met, all wheel drive system turns on.

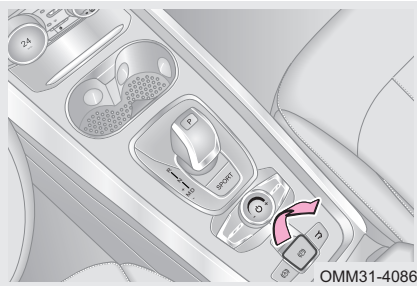
4.STARTING AND DRIVING VEHICLE

4-5. Brake System

Front wheel/rear wheel of the vehicle adopt disc brake. Electric parking brake is adopted for the rear wheel.

Electric Parking Brake (EPB)

Electric Parking Brake (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 hand-brake.



Applying parking brake manually:

With engine starting or engine start stop switch in ON mode and vehicle stationary, when pulling up the electric parking brake button, electric parking brake button indicator will come on, indicating parking brake function has been turned on.

Releasing manually:

- With engine starting or engine start stop switch in ON mode, depress brake pedal and press electric parking brake button by hand, electric parking brake button indicator will go off, indicating parking brake function has been turned off.

Releasing automatically:

- Fasten driver's seat belt and close driver door. Depress accelerator pedal with shift lever in D or R to release electric parking brake automatically, and red parking brake indicator goes off.
- When vehicle stops on a slope with shift lever in D or R, deeply depress accelerator pedal. When driving force is greater than slipping force, auto hold can be released automatically.



READ

- When towing vehicle, it is necessary to release electric parking brake. For details, refer to "6-5. Towing Vehicle".
- When turning off engine start stop switch, Electric Parking Brake (EPB) system automatically applies parking brake.

⚠ CAUTION

- When electric parking is malfunctioning, instrument alarm text message is "Electric Parking Brake Malfunction, Contact 4S Shop".
- With engine starting or engine start stop switch turned to ON mode, when parking brake cannot be released manually by depressing the brake pedal, depress accelerator pedal and press electric parking brake button to release electric parking brake. This can be used only when parking brake cannot be released manually by depressing the brake pedal. Always be careful. Contact Chery authorized service station for inspection and repair as soon as possible.
- When performing automatic releasing of electric parking brake, fasten the driver's seat belt and close the driver side 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. It is normal and take it easy.
- While depressing brake pedal and releasing or applying parking brake, brake pedal may move upward or downward slightly. In this case, just firmly depress brake pedal.
- Electric parking brake cannot be released when vehicle battery is discharged, and jumper cables can be used to start the engine. For details, refer to "6-8. Jump-starting".
- If vehicle coasts after stopping (within 10 minutes), system will increase parking brake force automatically to hold it for safety. When brake force increasing, system makes operation sound. This is normal.

⚠ WARNING

- To avoid vehicle unexpected movement, when stopping or leaving vehicle, check whether indicators in instrument cluster and electric parking brake button come on to ensure electric parking brake is set successfully.
- To avoid vehicle accidentally moving, in the state of auto hold, confirm shift position before depressing accelerator pedal to start.

Emergency braking function:

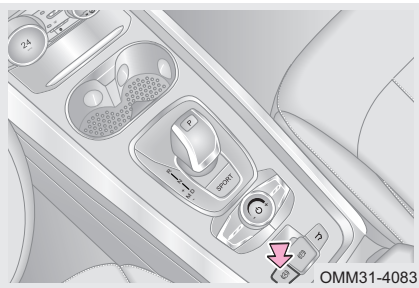
If foot brake fails, pull up the electric parking brake button continuously to forcibly apply brake by electric parking brake. In this process, red brake indicator blinks. Release the button to exit emergency braking.

4.STARTING AND DRIVING VEHICLE

⚠ WARNING

- When foot brake fails or brake pedal is blocked, emergency braking function can be used in an emergency. Electronic Stability Control System (ESC) and its components cannot exceed road traction physical limit, turning on emergency braking function when driving on curved road, dangerous road, heavy traffic road or in severe weather may lead to drifting, side-slipping or pulling over, be careful not to cause an accident.
- Use this function cautiously during normal driving. When driving, passengers should not touch button accidentally. Otherwise, it may cause an accident.
- 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.

Auto Hold



This function is used to prevent vehicle from rolling when vehicle is stationary and starts off.

Auto hold function operation conditions:

- Engine is started, driver door is closed properly and driver seat belt is fastened.
- When gear position is in D, the hood should be closed;
- When gear position is in R, the back door should be closed.

Turning on auto hold function:

- When auto hold operation conditions are met, press auto hold switch on auxiliary fascia console to turn on this function, indicator on button comes on and system enters auto hold mode.

Activating auto hold function:

- When auto hold function is turned on and auto hold operation conditions are met, depress brake pedal to slow down and stop the vehicle, then auto hold function is activated.
- Depress brake pedal with vehicle stationary, when auto hold operation conditions are met and auto hold function is turned on, auto hold function is activated automatically.

Turning off auto hold function:

- Depress brake pedal and press auto hold switch on auxiliary fascia console to turn off this function, indicator on button goes off and system exits auto hold mode.

Auto hold release function:

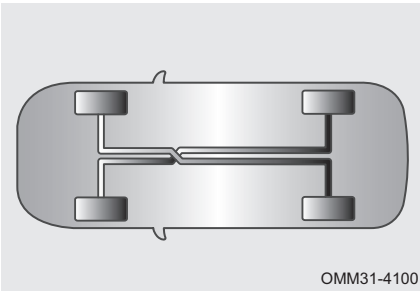
- Way to release auto hold is the same as that of electric parking brake, including manual release and automatic release.

CAUTION

- Turn on auto hold switch after vehicle starts, if driver door is not closed or seat belt is not fastened, auto hold system cannot be entered.
- When auto hold is enabled and vehicle is stopped completely from movement state by foot brake, auto hold system will park vehicle automatically. In this case, vehicle is still in D or R position. If just stopping vehicle for a short time, shift to N, and shift to P for a long time stopping.
- When auto hold function is enabled, open driver door to exit this function. Close the door again to activate the function.
- When auto hold function is activated, unfasten seat belt and open driver door to switch auto hold to electric parking.
- When auto hold function is activated, if it is necessary to depress brake pedal to switch gear position (such as: from N to R), compared with force used when auto hold function is off, much more force should be used to depress brake pedal (brake pedal travel become short due to auto hold effect).
- Always park vehicle correctly according to safety regulations and take care to avoid hurting yourself and pedestrians.
- Always turn off auto hold function before driving into parking space or narrow area (such as driving into vehicle washing room).
- If accelerator pedal is depressed very slowly, auto hold release delays. This is normal.
- It is not recommended to use this function when driving on downhill for safety.
- When braking gently or when vehicle coasts to stop, this function cannot be activated due to insufficient brake force.
- Auto hold function is not a substitute of parking brake system.

4.STARTING AND DRIVING VEHICLE

Brake



Brake system adopts X type dual circuit brake system. This system is a hydraulic system which has two independent sub systems. If one of the sub systems does not work, the other can still achieve brake function. However, the brake pedal should be depressed more firmly than usual and the braking distance will increase. In addition, brake system malfunction indicator comes on.

CAUTION

When brake system is malfunctioning, instrument alarm text message is "Low Brake Fluid Level, Drive Carefully, Contact 4S Shop".

WARNING

Do not drive vehicle under conditions in which only one brake system works. Contact Chery authorized service station for inspection and repair immediately.

Vacuum Booster

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, slow down 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.

When vehicle is stopped for a long time (for example overnight) or cold started, because of engine low vacuum, normal brake pedal depressing strength cannot reach, so that, the pedal is stiff. Warm up idling (environment allows) before driving. The lower temperature is, the longer time will be taken to warm up.

Brake System Operation Descriptions

- It is normal that brake system makes a operation sound sometimes. But, if metal-friction or whistling sounds for a long time, brake linings may be seriously worn. Contact Chery authorized service station for replacement im-

mediately.

- If constant jitter or vibration can be felt through steering wheel when braking, contact Chery authorized service station for inspection and repair as soon as possible.
- New brake lining requires a break-in period to achieve optimum braking effect. Braking effect in the first 200 km is not optimal. In this case, depress brake pedal more firmly to compensate braking effect.
- Wear condition of brake lining 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 lining worsen. Therefore, visit Chery authorized service station according to specified maintenance mileage to check thickness of brake linings or replace it as needed.
- When driving downhill, shift to a low gear to make full use of engine braking effect and avoid continuous use of brakes. Failure to do so may cause the brakes to overheat and braking distance will become longer, and the brakes may even temporarily lose its effectiveness in a serious case.
- A wet brake may cause abnormal vehicle deceleration or pull to one side when braking. Depress brake pedal slightly to test effectiveness of brakes. After driving through deep water, keep a safe vehicle speed and depress brake pedal slightly until braking function is restored.

4-6. Braking Force Control System

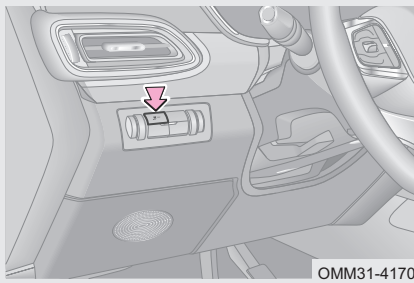
Electronic Stability Control System (ESC)

Electronic Stability Control System (ESC) is an active safety control system. It uses system sensor to monitor vehicle driving state. In case of unstable conditions such as evading obstacles in an emergency, turning etc., and oversteering or understeering, ESC adopts power system and brake system to help prevent tendency deviating from an ideal path, so that, it provides better driving safety. When applying brake to single wheel is not enough to stabilize vehicle, Electronic Stability Control System (ESC) will reduce engine torque output to brake other wheels to meet demand.

Electronic Stability Control System (ESC) of the vehicle integrates ABS (Anti-lock Brake System) and EBD (Electronic Brake Force Distribution System) to ensure the lateral stability when vehicle drives.

4.STARTING AND DRIVING VEHICLE




ESC OFF Switch



ESC OFF switch is located on the left side of instrument panel.

- When engine start stop switch is turned to ON mode, Electronic Stability Control System (ESC) turns on by default.
- Long press ESC OFF switch for 3 seconds to turn off ESC function.
- Press ESC OFF switch again to turn on ESC function.

Electronic Stability Control System (ESC) indicator

- When Electronic Stability Control System (ESC) is turned off, "  " indicator remains on.
- When Electronic Stability Control System (ESC) is operating, "  " indicator blinks.
- When Electronic Stability Control System (ESC) is malfunctioning, "  " indicator remains on.
- Under the following conditions, Electronic Stability Control System (ESC) needs to be turned off

When driving on roads with deep snow or loose roads; When driving vehicle with tire chains; When starting vehicle on power tester.



READ

- To improve vehicle traction when driving on sand or gravel, it is recommended to turn Electronic Stability Control System (ESC) off.
- Electronic Stability Control System (ESC) cannot be turned off during operation.



CAUTION

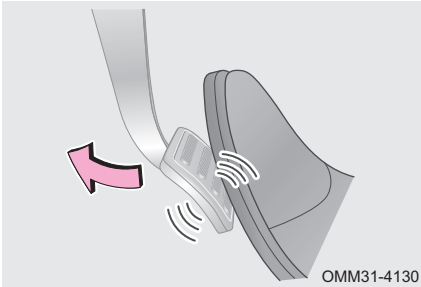
When Electronic Stability Control System (ESC) is malfunctioning, instrument alarm text message is "ESC Fault, Drive Carefully, Contact 4S Shop".

⚠ WARNING

- Even when Electronic Stability Control System (ESC) is working, high speed driving, sharp turns or poor road conditions can cause an accidents.
- The Electronic Stability Control System (ESC) function does not completely ensure that you can take over vehicle if it is lost control under various extreme situations. Even with Electronic Stability Control System (ESC), always follow laws and regulations to avoid accidents.

Anti-lock Brake System (ABS)

Anti-lock Brake System (ABS) is an active safety system which is designed to prevent wheel from being locked, and maintain steering performance even in emergency braking, making you avoid obstacles. However, ABS cannot prevent vehicle slippage absolutely when it exceeds physical limits or driving on slippery road at high speed.



- Anti-lock Brake System (ABS) does not operate during normal braking and operates only when wheels are going to lock during sudden braking.
- If brake pedal pulsates with noise during braking, it indicates that ABS is working. This is normal. Never release brake pedal in this case.

⚠ CAUTION

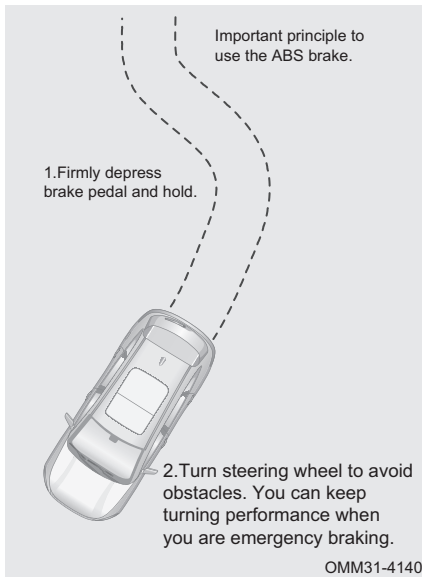
- When Anti-lock Brake System (ABS) is malfunctioning, instrument alarm text message is "ABS Malfunction, Contact 4S Shop".
- The driver can still apply conventional braking when Anti-lock Brake System (ABS) is malfunctioning. In this case, slow down and avoid emergency braking to prevent wheel from being locked. Drive carefully and visit Chery authorized service station for inspection and repair as soon as possible to prevent accidents.

⚠ WARNING

When Anti-lock Brake System (ABS) is malfunctioning and brake system is abnormal (such as brake stiff, soft or vehicle cannot stop by brake) at the same time, immediately stop vehicle at a safe area and turn on hazard lights. Contact Chery authorized service station for inspection and repair immediately.

4.STARTING AND DRIVING VEHICLE

ABS Braking



ABS works immediately in sudden braking to maintain vehicle braking and steering performance. If there is enough space, you can avoid obstacles successfully.

⚠ WARNING

- Although ABS can ensure the best braking effect, braking distance will vary largely due to road conditions.
- ABS cannot guarantee a shorter braking distance under all road conditions, such as equipped with tire chains, on sand or snow-covered roads. Compared to vehicles without ABS, your vehicle may require a longer braking distance.
- Also, ABS cannot eliminate risks arising from close-following driving, wading, turning quickly or driving on poor road surfaces and cannot avoid accidents caused by inattentive or inappropriate driving.
- Always drive carefully and make sure to decelerate during turning.

Operation Precautions

- 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 engine

starts, indicating system self-test is performed.

- Always maintain a safe distance from vehicle in front of you in the following situations:
 - When driving on rough roads.
 - When driving on roads with potholes or uneven surfaces.
 - When driving with tire chains.
 - When driving on dirt, gravel or snow-covered roads.

 CAUTION

Tire size and tread pattern wear will seriously affect ABS performance. Tire used to replace should have same size, load capacity and structure as original one. When tire is abnormal, it is recommended to replace with a original one at Chery authorized service station.

 WARNING

- 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.
- When driving in rainy day, properly control the vehicle speed, if wheel spins or slips, ABS will cannot control the vehicle.

■ Electric Brake Force Distribution System (EBD)

Electric Brake Force Distribution (EBD) automatically adjusts braking force distribution ratio of front and rear axles according to axial load transfer difference caused by braking to improve braking efficiency. In addition, EBD works together with ABS to improve braking stability. Also, when braking in corner, brake force of inside and outside wheel can be adjusted to improve braking stability.

■ Traction Control System (TCS)

Traction Control System (TCS) is an extended function of Electronic Stability Control System (ESC). During starting off or rapidly acceleration, drive wheels may slip. In case of on a slippery road such as snowy or icy road, direction could get out of control and cause dangerous. When Traction Control System (TCS) detects that driven wheel speed is lower than drive wheel speed (a kind of wheel slip symptom) using sensor, it sends a signal to adjust ignition timing, reduce throttle opening, downshift or brake wheels so that wheel no longer slips.

■ Hill-start Assist Control System (HA)

Hill-start Assist Control System (HA) can prevent vehicle from moving backward when starting off on uphill. After vehicle is stationary, Hill-start Assist Control System (HA) adopts longitudinal acceleration sensor to determine if

4.STARTING AND DRIVING VEHICLE

the vehicle is on a slope. When vehicle starts from stationary state on a slope to drive or reverse upwards, Hill-start Assist Control System (HA) automatically operates. When starting off, after driver releases brake pedal, system maintains previous braking pressure for 1 to 2 seconds to hold the vehicle. As drive torque increases, brake pressure reduces gradually, avoiding accidents caused by moving backward when starting off on a slope.

■ Emergency Brake Assist (EBA)

Emergency Brake Assist System (EBA) is an extended function of Electronic Stability Control System (ESC) to shorten the braking distance in emergency braking. In an emergency, driver usually brakes in time, but generally does not apply the maximum braking force, thus lengthening braking distance. In this case, brake assist system will operate: When driver depresses brake pedal rapidly in an emergency with insufficient force, Emergency Brake Assist (EBA) quickly increases brake pressure to maximum level, making anti-lock braking system shorten braking distance more quickly and effectively.

■ Emergency stop light (AHW)

Emergency Stop Light (AHW) can turn on hazard lights in emergency braking to warn vehicle behind. After sensing that vehicle forward is applying emergency braking, vehicle behind can properly apply braking to prevent rear collision. After emergency braking ends, hazard lights turn off automatically.

■ Engine Drag Control (EDC)

Engine Drag Control (EDC) can prevent vehicle from losing control caused by excessive engine drag. The operation principle is to send a request to the engine to increase torque. On the other hand, when braking at low speed, such as there is too much engine drag, Engine Drag Control (EDC) can improve the braking performance of vehicle.

■ Roll Over Prevention (ROP)

Roll Over Prevention (ROP) is used to prevent vehicle from rolling over on road when operating vehicle in dynamic (such as lane change) and static (such as loop driving) status.

■ Hydraulic Brake Boost (HBB)

When there is excessive vacuum consumption due to continuous braking or when driving on plateau, if vacuum provided by the engine is insufficient to support conventional brake, Hydraulic Brake Boost (HBB) automatically establishes brake pressure and provides driver with extra brake force. When this function is enabled, Anti-lock Brake System (ABS) will be triggered usually, to provide better braking performance.

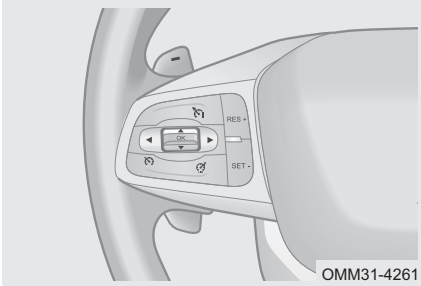
■ Brake Disc Wash (BDW)




When driving in rainy weather (front wiper ON), Brake Disc Wash (BDW) automatically increases brake pressure, so that brake lining slightly scratches the brake disc to remove water or dirt from the disc, improving braking performance. When Brake Disc Wash (BDW) is operating, driver cannot feel vehicle slow down subjectively.

4-7. Cruise System

Constant Speed Cruise

The vehicle maintains speed set by driver without depressing accelerator pedal.



-  **Cruise button**
Turn on/off constant speed cruise.
-  **CANCEL button**
Temporarily exit cruise.
-  **Active speed limit LIM button**
Turn on/off active speed limit.

RES/+ button

Resume constant speed cruise and adjust speed value.


Short press "" button, set vehicle speed will increase by 1 km/h.


Long press "" button, set vehicle speed will increase continuously.

The vehicle speed at moment the button is released becomes the set speed.

SET/- button

Enter constant speed cruise and adjust speed value.

Short press "" button, set vehicle speed will decrease by 1 km/h.

Long press "" button, set vehicle speed will decrease continuously.




The vehicle speed at moment the button is released becomes the set speed.

READ

SET/- and RES/+ are shared button for constant speed cruise and active speed limit.









Entering constant speed cruise



1. Short press "" button, vehicle enters pre-cruising status;
2. When vehicle speed is < 30 km/h, press "" button, vehicle enters pre-cruising status taking 30 km/h as target speed;
3. When vehicle speed is > 30 km/h, press "" button, vehicle enters cruising status taking current speed as target speed.

4.STARTING AND DRIVING VEHICLE

■ Exiting constant speed cruise

- When constant speed cruise is on, short press "  " button to exit cruising status;
- When constant speed cruise is on, short press "  " button to exit cruising status;
- Short press "  " button to exit cruising status and enter pre-cruising status. When vehicle speed is > 40 km/h, short press "  " button and vehicle enters cruising status at current speed;
- Depress brake pedal to exit cruising status and enter pre-cruising status. When vehicle speed is > 40 km/h, press "  " button or "  " button again to set speed and vehicle enters cruising status;
- When vehicle speed is < 40 km/h, vehicle exits cruising status and enters pre-cruising status. When vehicle speed is > 40 km/h, press "  " button or "  " button again to set speed and vehicle enters cruising status.

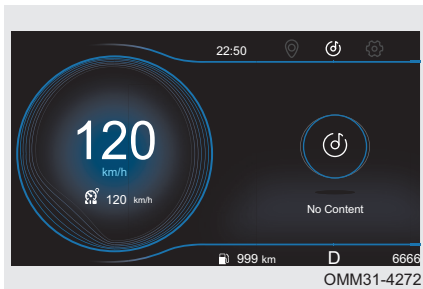



READ

When engine start stop switch is turned to OFF mode, if it is necessary to disconnect positive and negative battery terminals, always wait for 15 minutes, otherwise, malfunction may be reported by mistake.


Active Speed Limit

■ Entering active speed limit



1. Short press "  " button, vehicle enters pre-speed limit status;
2. When vehicle speed is > 30 km/h, it enters speed limit status.

■ Exiting active speed limit

1. When vehicle speed is < 30 km/h, vehicle exits speed limit status and enters pre-speed limit status. When vehicle speed is ≥ 30 km/h, vehicle enters speed limit status.
2. Short press "  " button to exit speed limit status.



READ

When engine start stop switch is turned to OFF mode, if it is necessary to disconnect positive and negative battery terminals, always wait for 15 minutes, otherwise, malfunction may be reported by mistake.

Situations Unsuitable for Cruise Control

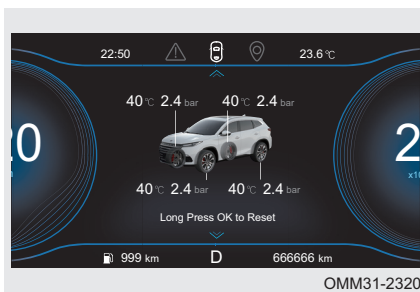
Do not use cruise control in any of the following situations. Failure to do so may result in loss of vehicle control and could cause an accident, resulting in death or serious injury.

- In heavy traffic.
- On roads with sharp curves.
- On winding roads.
- On slippery roads, such as roads covered with ice or snow.
- Vehicle speed may exceed set speed when driving up and down a steep hill.
- During emergency towing.

4-8. Tire Pressure Monitoring System (TPMS)

Tire Pressure Monitoring System

Tire Pressure Monitoring System (TPMS) is an active safety feature. It monitors pressure and temperature of tire in real-time and displays the result on multi-function display area. When tire pressure is too low/high or temperature is too high, tire pressure monitoring system alarms.



When engine start stop switch is turned to ON mode, short press "◀▶" of steering wheel combination buttons to switch to tire pressure display screen.

When vehicle speed is > 25 km/h, tire pressure monitoring system (TPMS) sends tire pressure and temperature information to meter in real time. When there is low/high pressure warning or high temperature warning, corresponding tire symbol blinks on tire pressure screen.



READ

Common radio interference sources include vehicle power, driving recorder, air purifier, entrance guard card, remote control, cell phone base station, TV tower, etc.


4.STARTING AND DRIVING VEHICLE

CAUTION

- Low tire pressure will increase fuel consumption and aggravate tire wear. Serious tire wear may cause a risk of tire blowout.
- When tire pressure is too low, inspect causes of air leakage. Contact Chery authorized service station for inspection and repair as soon as possible as needed.
- When tire temperature is too high, stop driving at once to cool down tires naturally. Otherwise, accidents may be caused.
- When tire temperature is too high, do not cool it down by pouring cold water, otherwise, tire may be damaged, causing an accident. Contact the Chery authorized service station for inspection and repair as soon as possible as needed.

■ Resetting tire pressure

Resetting tire pressure is also called resetting cold tire pressure. It is used to reset the cold tire pressure. The tire pressure alarm value can be reset according to external pressure and temperature.

1. When engine start stop switch is not turned to OFF, pressure value of each tire is within 2.0 Bar to 2.4 Bar;
2. On tire pressure display screen, long press steering wheel combination button OK " " to reset tire pressure alarm value.

CAUTION

- When meter displays 2.0 Bar or 2.4 Bar, resetting may not succeed due to the surrounding pressure and temperature fluctuations. This is normal.
- To ensure it can alarm in time in case of abnormalities, and for safety, this function only makes adaptive fine adjustment to tire pressure alarm value and will not change the actual value of tire pressure displayed. If it exceeds above range, resetting will fail.

■ Tire pressure alarm automatic cancellation

Generally, after tire pressure returns to normal (Inflate tire to recommended pressure. For details, see tire pressure label on B pillar of driver side), alarm will disappear automatically. When replacing a tire or removing a tire to inflate, the tire pressure alarm will disappear after driving a period of time at a certain speed.

READ

Spare tire (if equipped) does not have tire pressure monitoring sensor, so tire pressure is not monitored.

- Possible causes of malfunction of tire pressure monitoring system (TPMS):
- Configuration learning of tire pressure monitoring system is not performed

after replacing wheels (spare tire included).

- Tire pressure monitoring system (TPMS) components have been damaged, contact Chery authorized service station for inspection and repair as needed.
- Sensor may be affected due to electromagnetic shielding caused by installing tire chains, affecting proper operation of tire pressure monitoring system.
- Tire Pressure Monitoring System (TPMS) may not work properly due to interference of electronic equipment (over standard equipment) installed on vehicle, resulting false alarm.
- Tire Pressure Monitoring System (TPMS) may not operate due to radio interference. Tire pressure monitoring system may be interfered temporarily due to strong electromagnetic radio signals with same frequency (433 MHZ).
- Auto positioning function

Unlearned tire pressure system and new changed tire pressure sensor can use auto positioning function to learn sensor ID automatically.

When performing auto learning, always obey the following instructions:

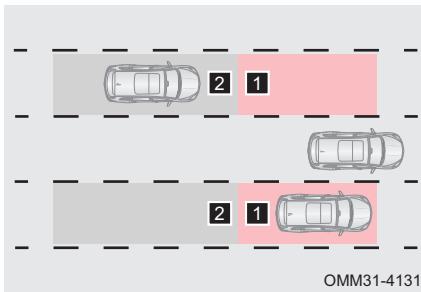
- Before auto positioning, vehicle should be shut down and wait for 15 minutes to make sensor enter stop mode. Then, start the vehicle and drive at a speed over 25 km/h for 5-8 minutes accumulatively. Generally, positioning will completes. During positioning, never reverse and avoid waiting for traffic lights as much as possible.
- If auto learning is failed, contact Chery authorized service station for learning or inspection and repair.

4-9. Blind Spot Warning System (If Equipped)

Blind Spot Warning System (BSW) 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 System (LCA) and Rear Cross Traffic Alert System (RCTA).



4.STARTING AND DRIVING VEHICLE


Blind Spot Warning System (BSW)/Lane Change Assist System (LCA)



- 1 Blind spot warning system detection area.
- 2 Vehicle approach alarm, approaching/overtaking vehicle area.

■ Indicator

When Blind Spot Warning System (BSW)/Lane Change Assist System (LCA) is enabled but not activated (gear position is in P), " " in instrument cluster comes on in grey; When Blind Spot Warning System (BSW)/Lane Change Assist System (LCA) is enabled and activated (gear position is not in P), " " in instrument cluster comes on in green; When functions are turned off, indicator goes off.

When there is a fault in Blind Spot Warning System (BSW)/Lane Change Assist System (LCA), " " in instrument cluster comes on in yellow accompanied by text prompts.

■ Alarm display

When a target vehicle is approaching in left rear/right rear blind area and alarm conditions are met, primary alarm triggers. At this time, BSW LED indicator on outside rear view mirror works and instrument cluster displays alarm screen. In this case, if driver operates turn signal light on the alarmed side, secondary alarm triggers. At this time, BSW LED indicator on outside rear view mirror blinks, alarm sounds (if sound is turned on in blind spot monitoring setting) and instrument cluster displays alarm screen.

■ If any of the following conditions are met, Blind Spot Warning System (BSW)/Lane Change Assist System (LCA) exit at once:

- Gear position is not in D/N/M.
- Engine start stop switch is in OFF position.
- Blind Spot Warning System (BSW) is turned off by user.



READ

- When engine start stop switch is turned to ON mode, Blind Spot Warning System (BSW) returns to the state as it was when the power was turned off last time.
- When unrecoverable hardware failure is detected in Blind Spot Warning System (BSW), system will alarm on meter, contact Chery authorized service station for inspection and repair as soon as possible.

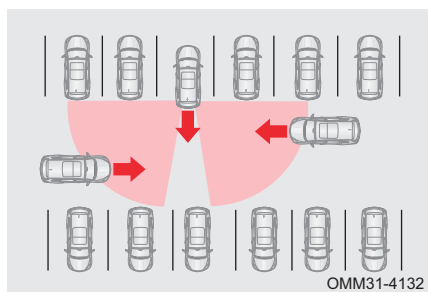


CAUTION

- Even if vehicle is equipped with Blind Spot Warning System (BSW), do not neglect and use caution when driving.
- The driver must control vehicle, monitor and manage system, and operate as needed in the whole driving process.
- Blind Spot Warning System (BSW) 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 vehicle rear (such as a bicycle carrier), turn off BSW. 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 it is driving on snowy road for a long time, system may not work.

Rear Cross Traffic Alert (RCTA) System

When reversing, RCTA system monitors rear crosswise traffic status. When detecting a vehicle is approaching, it offers assist to driver.



When engine start stop switch is turned to ON mode, vehicle shifts to R and vehicle speed is <math>< 10 \text{ km/h}</math>, RCTA system is activated; In other gear positions, system is standby.

When a vehicle is approaching from left rear/right rear and alarm conditions are met, BSW LED indicator on outside rear view mirror blinks to inform driver there is a target vehicle approaching and risk of collision exists.

- When any of the following conditions are met, RCTA system exits at once:
 - Gear position is not in R;
 - Engine start stop switch is in OFF position;
 - Blind Spot Warning System (BSW) is turned off by user;

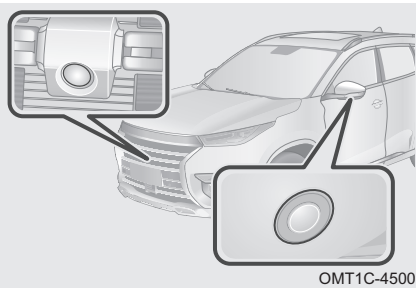
4.STARTING AND DRIVING VEHICLE

- There is no target exists in detection area of RCTA system;
- There is target exists in detection area of RCTA system, but collision conditions are not met.

4-10.Panoramic View Monitor (If Equipped)

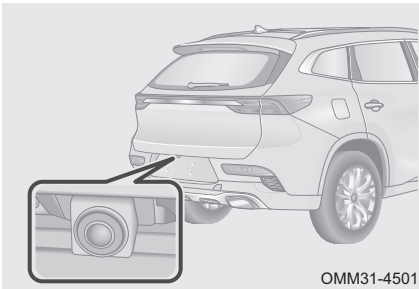
Panoramic view monitor collects images from front, rear, left and right of vehicle, splicing them into a birds-eye view of vehicle surroundings through image processing algorithm and displayed on audio system display. It helps driver more visually determine the relative relationship between vehicle and parking space as well as surrounding obstacles.

Camera Layout



Installation position of front camera: located at intake grille of front bumper.

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



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

Turning On/Off Panoramic View Monitor

■ Entering panoramic view monitor



When engine start stop switch is turned to ON mode and vehicle speed is ≤ 30 km/h (not R): If it is turned on automatic parking function, it enters panoramic view monitor automatically.

Turn engine start stop switch to ON mode, and vehicle speed is ≤ 30 km/h:

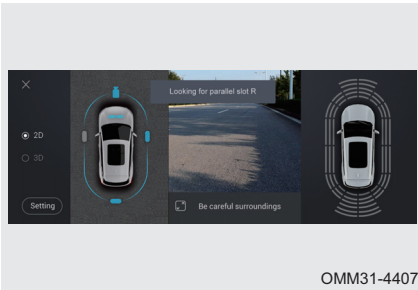
- Shift shift lever to R to enter panoramic view monitor.
- Touch panoramic view monitor button on audio control panel or "360 view" soft button on head unit to enter panoramic view monitor.
- It enters panoramic view monitor when turning with large angle (it is necessary to turn on turning in panoramic view monitor setting to activate panoramic view monitor).
- It enters panoramic view monitor when turning on left/right turn signal lights (it is necessary to turn on turn signal lights in panoramic view monitor setting to activate panoramic view monitor).
- It enters panoramic view monitor when turning on hazard lights (it is necessary to turn on hazard lights in panoramic view monitor setting to activate panoramic view monitor).
- It enters panoramic view monitor when shifting to D for the first time (it is necessary to shift to D for the first time in panoramic view monitor setting activate panoramic view monitor).
- Exiting panoramic view monitor
- When gear position is not in R, click "X" button on the top left of panoramic view monitor screen to exit panoramic view monitor.
- When gear position is not in R, if vehicle speed is > 30 km/h, it exits the panoramic view monitor.
- When gear position is not in R, if there is no operation within 30 s on panoramic view monitor screen, it exits the panoramic view monitor.
- With engine start stop switch ON, if it is turned on by panoramic view monitor switch and click the switch again when gear position is not in R, it exits the panoramic view monitor.

**CAUTION**

The panoramic view monitor 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.

4.STARTING AND DRIVING VEHICLE

Switching Panoramic View Monitor System View



- Enter panoramic view monitor, touch back button to exit panoramic view monitor setting.
 - Enter panoramic view monitor, touch 2D/3D button to switch 2D/3D angle.
 - Enter panoramic view monitor, touch front/rear wide angle button to switch front/rear wide angle.
 - Enter panoramic view monitor, touch soft buttons around vehicle icon to switch to corresponding view.
- Enter panoramic view monitor, touch setting button on the left bottom to enter panoramic view monitor setting.



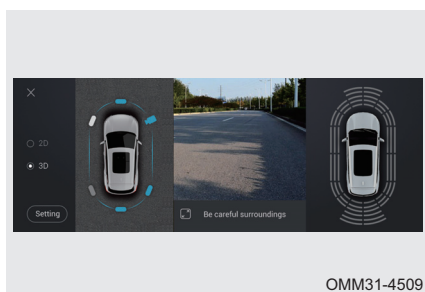
READ

The panoramic view monitor system is very helpful for parking and safety driving. It is recommended that you should be familiar with this function in an open and convenient area.

⚠ CAUTION

- Do not scratch the lens when cleaning dirt or snow on the camera surface.
- Before using panoramic view monitor system, make sure to extend outside rear view mirrors and close the back door firmly.
- The object distance seen from the panoramic view monitor system is different from the actual distance.
- The camera is installed on the front grille, outside rear view mirror and above the rear license plate. Do not place anything on the camera.
- It is not recommended to use the panoramic view monitor system when outside rear view mirror is in folded position. Make sure that back door is firmly closed when using the panoramic view monitor system to operate the vehicle.
- The panoramic view monitor 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 panoramic view monitor system.
- The panoramic view monitor 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.

Setting Panoramic View Monitor System



- [Panoramic view starting screen] Click to start starting screen: When driver enters the panoramic view monitor system for the first time, panoramic view starting screen will be displayed.
- [Steering wheel angle around view monitoring system] After clicking to turn on, turn steering wheel at a large angle to enter left/right turn view.
- [Left and right turn signal lights around view monitoring system] After clicking to turn on, turn on left/right turn signal lights to enter left/right turn view.
- [First shift to D around view monitoring system] After clicking to turn on, driver shifts to D for the first time to activate panoramic view monitor.
- [Hazard light activating around view monitoring system] After clicking to turn

4.STARTING AND DRIVING VEHICLE

on, turn on hazard lights to enter 2D panoramic rear view.

- [Restore factory setting] Click to restore factory settings.

4-11.Auto Parking Assist (APA) System (If Equipped)

Auto parking assist system helps driver drive in or out parking space recognized by system. The system can help driver search and confirm a target parking space. Also, driver can select a parking space on central control display. After confirming the target parking space, system will parking vehicle automatically under driver's supervision.

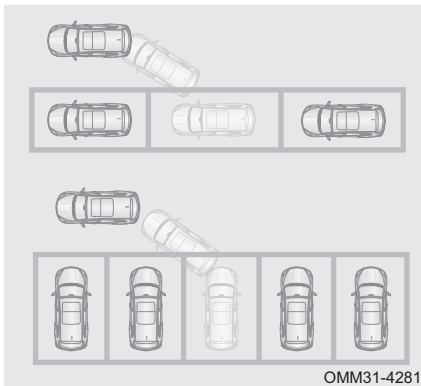
Auto Park In

- Auto parking assist system switch



Driver presses auto parking button on audio control panel or soft button on head unit display to enable auto parking function. According to instructions on screen, select horizontal park in, vertical park in, horizontal move out; If driver does not operate the screen, the system searches parking spaces on the right side of the vehicle which is suitable parallel parking by default; To searches parking spaces for parallel parking on the left side of the vehicle, turn on left turn signal light.

- Auto park in



1. When driver finds a parking space, head unit prompts to drive ahead for a distance. Then it prompts driver to stop and shift to R.
2. Start parking. Do not control steering wheel. Pay attention to soundings. The speed limit is 7 km/h.



READ

- For searching parallel parking space, the speed shall be < 30 km/h; For searching vertical parking space, the speed shall be < 20 km/h.
- If driver accepts the searched space, the vehicle should be stopped within 15m. If driver does not accept it, continue to drive and ignore this parking space.
- During actual operation, driver may be required to drive forward or backward repeatedly to adjust the vehicle to park in the selected parking space.

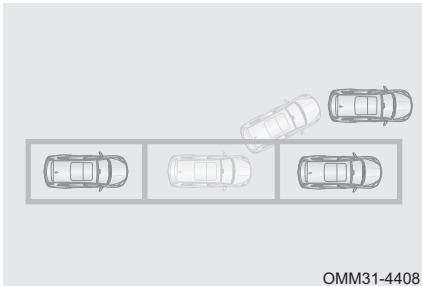
■ Any of the followings may stop auto parking function:

- Press auto parking switch.
- Operate steering wheel by hand.
- Fail to follow instructions to control vehicle, it is driven in the opposite direction.
- Vehicle speed is > 7 km/h.
- A door is opened.
- Electronic stability control system (ESC) related function is activated/failed.
- There is a fault in auto parking system.
- Too much adjustments by driving forward and backward will also cause the operation to exit.

■ In the following conditions, never use this system:

- Rain, snow, fog and other bad weather.
- Wheel size is different from the original one. Such as install wheel with non-original size, spare wheels, chains or tire pressure is not as specified.
- Vehicle size changes due to modification or something stretches out when parking.
- The road surface of the target parking space is potholed, or there is pavement, parking space or cliff with height difference (danger).
- There is three or two wheels non-motor vehicle, low barrier (such as parking lines, floor locks, rocks, etc) or vehicle whose lower body has no continuous solid form (such as truck, tanker, trailer, etc) nearby.

Auto Move Out



1. Driver operates left/right turn signal lights to select move out to left or right from a parallel parking space, after selecting, according to instructions, shift to R to operate;
2. Shift to R to activate the function;
3. After moving out according to instructions, driver shall control the steering wheel.

4.STARTING AND DRIVING VEHICLE

CAUTION

- It can move out automatically only when it is parked in automatically last time.
- For safety, before activating auto parking assist system, driver must wear seat belt well, and make sure that doors, hood and back door are closed.
- When using auto parking assist system, vehicle may cross or strike a curb when steering. So driver must be ready to set parking brake at any time, otherwise, wheel or vehicle may be damaged.
- When system is performing auto park in or move out, if an obstacle suddenly appears, the screen will display regular parking distance alarm.

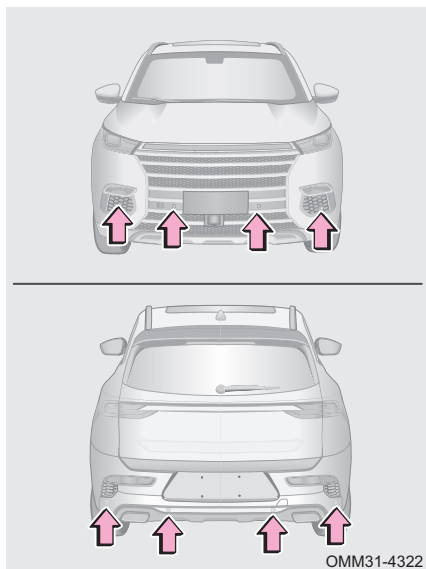
WARNING

- Auto parking assist system just offers assistance to the driver. It may not work properly under all driving conditions, weather conditions, traffic conditions or road conditions.
- When using, driver is responsible to control the vehicle, monitor system operation and operate as needed to avoid danger.

4-12.Parking Radar System (If Equipped)

Parking Radar System

Parking radar system adopts digital sensors to detect distance on base of ultrasonic technology. It can present driver the distance between front/rear of the vehicle and objects, and give voice prompts and image display to reduce personnel injury and vehicle damage caused by forward and backward driving. Parking radar system consists of radar sensors (4 sensors, 8 sensors), audio head unit and display alarm device etc.



Front radar

- Turning on front radar

Parking radar function turns on, EPB does not set parking brake, when vehicle speed is < 8 km/h, shift lever is in R or D.

- Turning off front radar

Parking radar function turns off, EPB sets brake, when vehicle speed is > 12 km/h, shift lever is in P or N, parking brake is applied.

Rear radar

- Turning on rear radar

When vehicle speed is < 8 km/h, shift lever is in R.

- Turning off rear radar

When vehicle speed is > 12 km/h, shift the shift lever out of R.

When a radar sensor detects an obstacle, audio head unit displays corresponding distance information accompanied by alarm sound.



Color	Detecting Distance
Red	0 ~30 cm
Yellow	31~60 cm
Green	61~150 cm



READ

When parking radar system is operating, no arcs are shown if obstacle information is not detected.



CAUTION

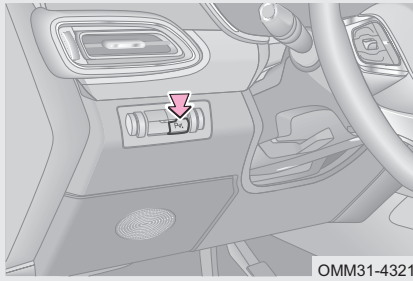
When reversing radar system is malfunctioning, instrument alarm text message is "Reversing Radar System Malfunctions, Contact 4S Shop".

4.STARTING AND DRIVING VEHICLE

WARNING

- Parking radar 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, monitor and manage parking radar system, and operate as needed in the whole process.

Parking Radar Mute Switch



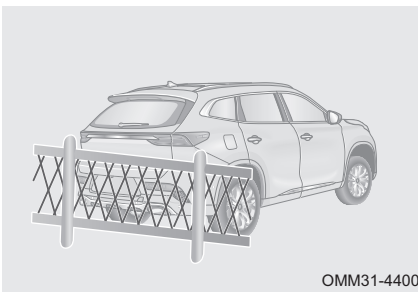
Parking radar mute switch is located on the left side of instrument panel.

- When pressing parking radar mute switch, parking radar mute switch indicator comes on, so that only image is displayed without prompt sound.
- When pressing parking radar mute switch again, parking radar mute switch indicator goes off, so that image is displayed with prompt sound.

Usage Instructions

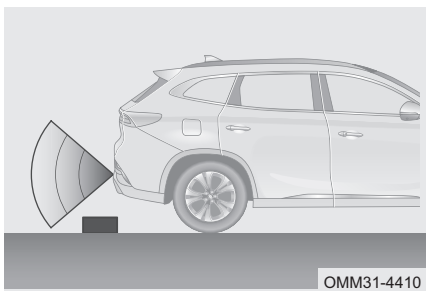
Monitoring distance is the shortest vertical distance between obstacle and radar sensor.

When reversing in following conditions, buzzer may not sound even if radar sensor is approaching obstacle:

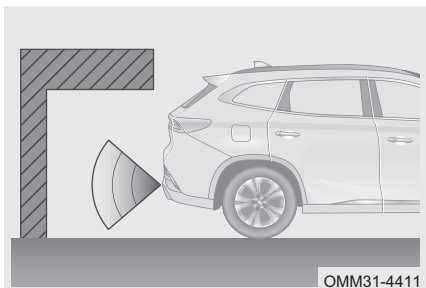


Radar sensors cannot detect thin objects such as wires, fences and ropes, etc.

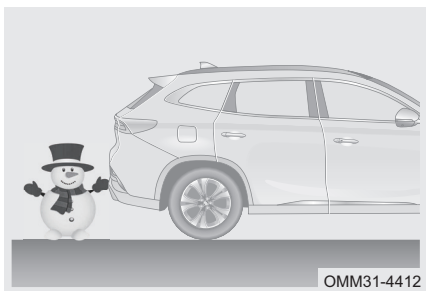
4.STARTING AND DRIVING VEHICLE



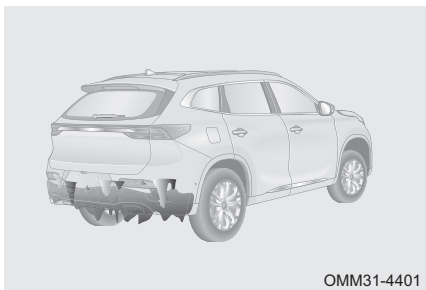
Radar sensors cannot detect low objects such as rocks, etc.



Radar sensors may not detect objects that are higher than bumper.

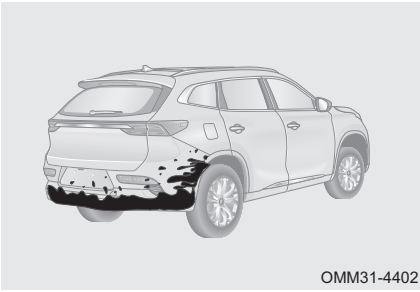


Radar sensors cannot detect objects that easily absorb ultrasonic waves such as soft snow, cotton, sponge, etc.

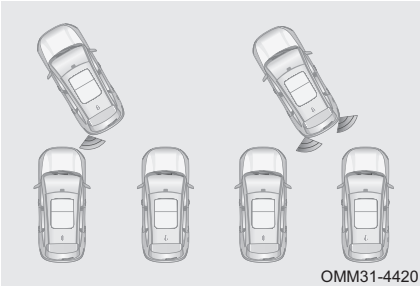


When radar sensor surfaces are frozen, they will not detect any obstacle.

4.STARTING AND DRIVING VEHICLE



When radar sensors are covered by dirt, snow or mud, they may not detect obstacles.

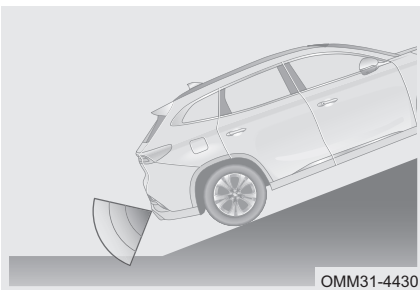


If obstacles are detected by more sensors, the distances between sensors and obstacles are displayed simultaneously, and system sounds according to nearest obstacle.

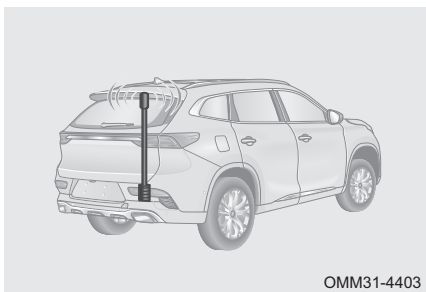
CAUTION

- For obstacles out of the detection range, radar sensors do not give a warning.
- When moving, be aware the parking radar sensors on the other side may get close to other obstacles.

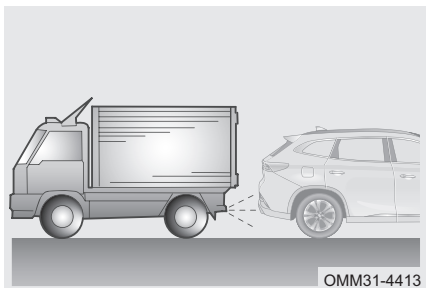
When reversing in following conditions, parking radar sensors may provide wrong information:



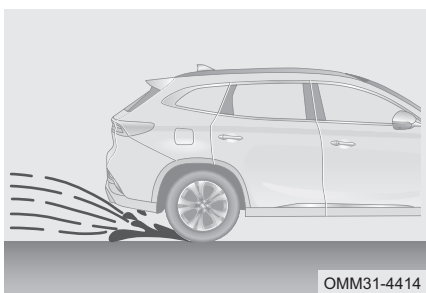
When vehicle is on a steep slope.



When vehicle is equipped with a high frequency radio or antenna is in use.



When there is noisy near the vehicle, such as vehicle horns, motorcycle engines, air brakes of large vehicles, or other loud noises producing ultrasonic waves.



When driving in jelly-like snow or in rain.

Cleaning Parking Radar Sensor

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 parking radar sensor.



High pressure water flow such as water guns or large external forces may cause damage to the radar sensors. Do not pinch or impact the radar sensors, or it may be resulting in abnormal operation.

If the buzzer does not sound when reversing, please check the followings:

- If there is foreign matter on the surface of radar sensor.

4.STARTING AND DRIVING VEHICLE

- 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 the cause cannot be found, please visit Chery authorized service station for inspection and repair as soon as possible.

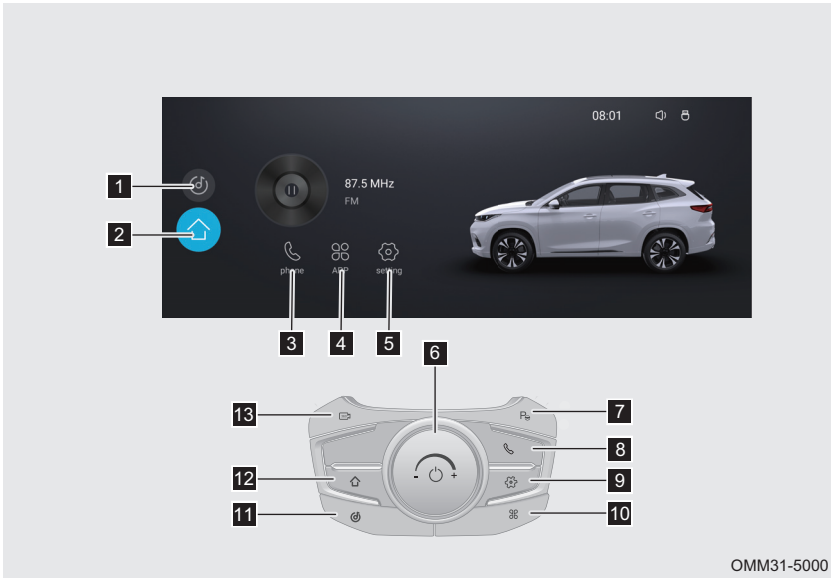
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5.FEATURES OF YOUR VEHICLE

5-1. Audio and Entertainment System

Audio Control Panel



OMM31-5000

- 1** Multimedia
Click to enter multimedia.
- 2** Main menu
Click to enter main menu.
- 3** Phone
Click to answer or end a call.
- 4** Apps
Click to open the application menu.
- 5** Settings
Click to open the settings menu.
- 6** Power button/volume adjustment knob
Turn on/off audio and entertainment system.
Turn it clockwise to increase the volume, turn it counterclockwise to decrease the volume.
Long press for 10 s to restart audio and entertainment system.
- 7** Automatic parking button
Click to turn on automatic parking function.
- 8** Phone
Click to answer or end a call.
- 9** Settings
Click to open the settings menu.
- 10** Apps
Click to open the application menu.
- 11** Multimedia button
Click to enter multimedia.
- 12** Main menu button
Click to enter main menu.
- 13** Voice search
Click to activate voice search.

3 Telephone

Click to enter telephone.

8 Telephone button

Click to enter telephone.

13 Panoramic view monitor button

Click to turn on panoramic view monitor function.

4 Application

Click to enter application.

9 Setting button

Click to enter setting.

5 Setting

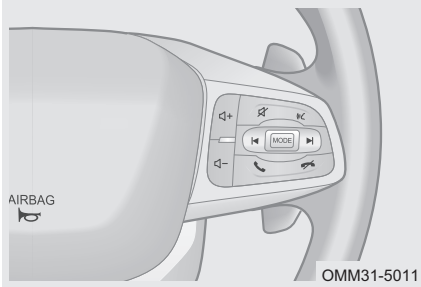
Click to enter setting.

10 Application button

Click to enter application.

For details, refer to "C-CAR E-MANUAL".

Audio Function Button



Mute

Volume+

Volume-

Mode

Call/Answer

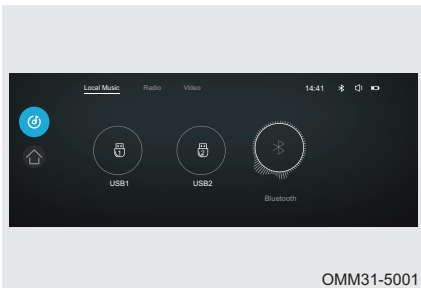
Hang up

Vocal button (be available in PhoneLink connected mode)

Previous song/AUTO search stations downwards; Next song/AUTO search stations upwards

Multimedia

Local music



Local music can be played by USB and phone Bluetooth.

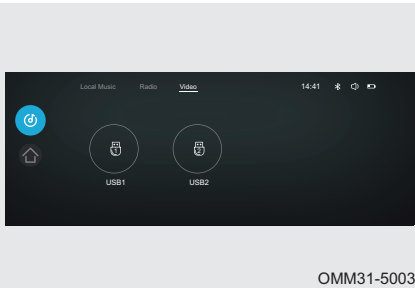
5.FEATURES OF YOUR VEHICLE

■ Radio



Listen to radio and select channel; Channel can be switched using multi-media display or adjustment button on steering wheel. Each function also can be operated easily using voice control.

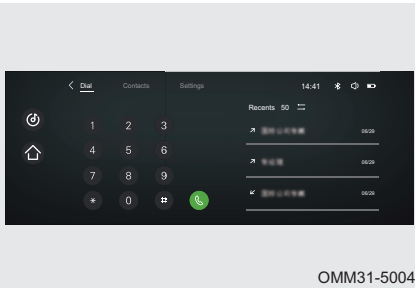
■ Video



Play video in USB device. Some functions can be controlled using multi-media display or adjustment button on right of steering wheel.

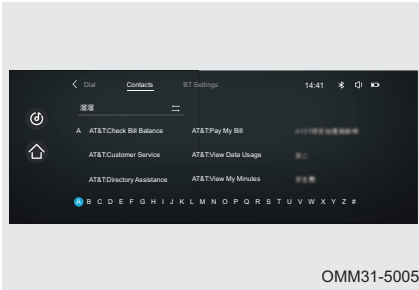
Phone

■ Phone



- Click phone button on main menu or auxiliary fascia console to enter phone screen. Phone includes dialing, contacts, Bluetooth setting.
- To use Bluetooth phone function, connect phone Bluetooth to vehicle first.
- Number can be entered manually using keyboard. System can search automatically matching contacts based on names or numbers and contact information will be displayed beside keyboard.

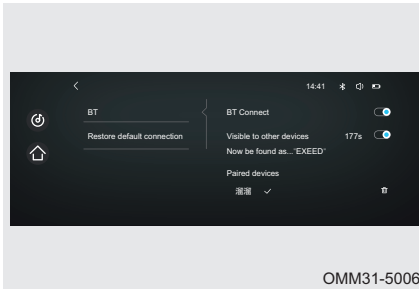
■ Contacts



Click any contact on contact list to check contact information about contact; Click corresponding number to dial.

OMM31-5005


■ Bluetooth setting



Turn on Bluetooth connection, start visible function to other devices, and then select and search device to be matched.

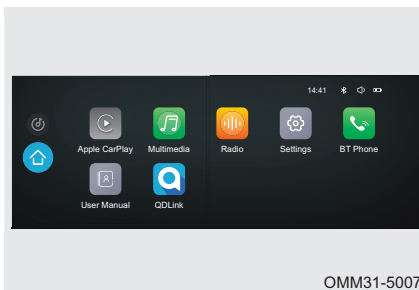
Check if code displayed on vehicle is in accordance with code displayed on phone. Confirm on both the vehicle and the phone as needed.

OMM31-5006

 **READ**

Bluetooth connection is disconnected automatically if the phone is far away from the vehicle.

Application




Click application button on main menu or auxiliary fascia console to enter application screen.

Application includes Apple CarPlay, Multimedia, Radio, Settings, BT Phone, User Manual, QDlink, etc.

OMM31-5007

■ Apple CarPlay

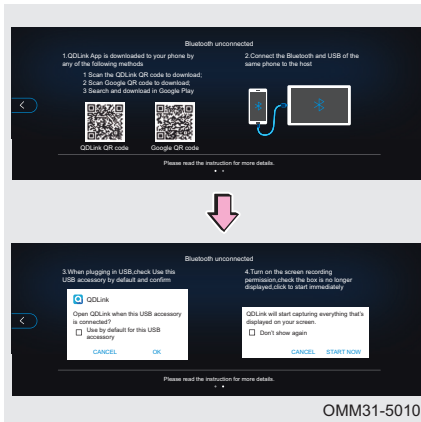
Specific operating procedures are as follows:

1. Enter settings and then enter general to turn on CarPlay on-board switch;
2. Connect “” port and phone with Apple original phone data cable;
3. Press voice button on steering wheel to start CarPlay on-board function;

5.FEATURES OF YOUR VEHICLE

4. Enter Apple CarPlay application operation screen.

■ QDlink

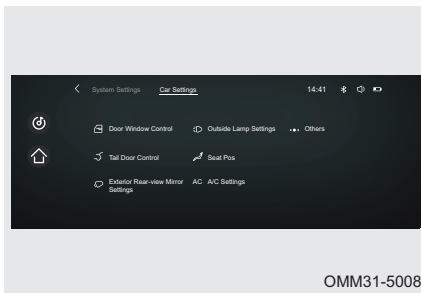


Specific operating procedures are as follows:

1. Connect phone Bluetooth with audio head unit;
2. Scan QR code on audio head unit to download APP;
3. Connect “” port and phone with Android original phone data cable, and perform operation based on prompt on phone APP;
4. Enter QDlink application operation screen.

Setting

■ Vehicle setting (if equipped)



[Door Window Control] includes auto car window, remote control door unlock, speed sensing auto lock, key sensing unlock/lock.

[Outside Lamp Settings] includes follow me home function and courtesy light.

[Tail Door Control] includes tail door opening angle setting, tail door exterior switch, smart key sensing tail door opening.

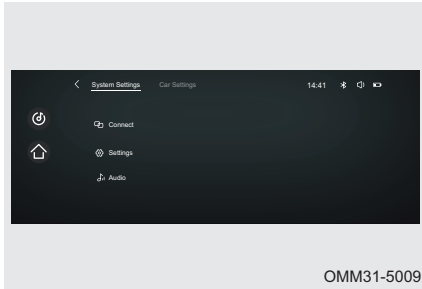
[Exterior Rear-view Mirror Settings] includes exterior rear-view mirror auto folding and exterior rear-view mirror auto heating.

[A/C Settings] click enter to select air conditioning setting, fashion clock, electronic clock and analog clock can be selected and set, temperature adjustment knob will display corresponding topic after selecting and storing any topic.

[Seat Position] driver seat position can be stored and adjusted automatically using power seat memory setting.

[Others] include alarm in case of an emergency, door lock horn reminder, reset default vehicle setting.

■ System setting



[Connect] includes Bluetooth connection and reset default connection.

[Settings] includes language, data and time, display, unit, version information, reset default setting.

[Audio] includes volume adjustment, maximum default volume, Arkamys sound effect, velocity compensation, button tone, reset audio setting.



READ

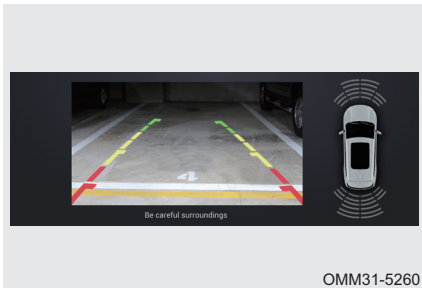
The setting items are different depending on vehicle configuration. Please refer to the actual vehicle.

5-2. Reversing View Monitor (If Equipped)

Reversing View Monitor

Reversing view monitor system collects the rear view image of the vehicle through rear camera and displays the rear view to the operator by audio system display, providing a static/dynamic reverse guideline.

■ Reversing view monitor and static/dynamic reverse guideline



Move shift lever to R to enter reversing view monitor screen, and reversing view monitor screen will display the reversing view monitor and static/dynamic reverse guideline.

● Static reverse guideline

Definition of static reverse guideline:

Short distance red indicates 25 cm - 50 cm away from bumper;

Middle distance yellow indicates 50 cm - 100 cm away from bumper;

Short distance green indicates 100 cm - 200 cm away from bumper;

Long distance green indicates 200 cm - 300 cm away from bumper.

● Dynamic reverse guideline

Dynamic reverse guideline varies depending on steering wheel rotation and it is used for prejudging the reversing traveling trace.

5.FEATURES OF YOUR VEHICLE

CAUTION

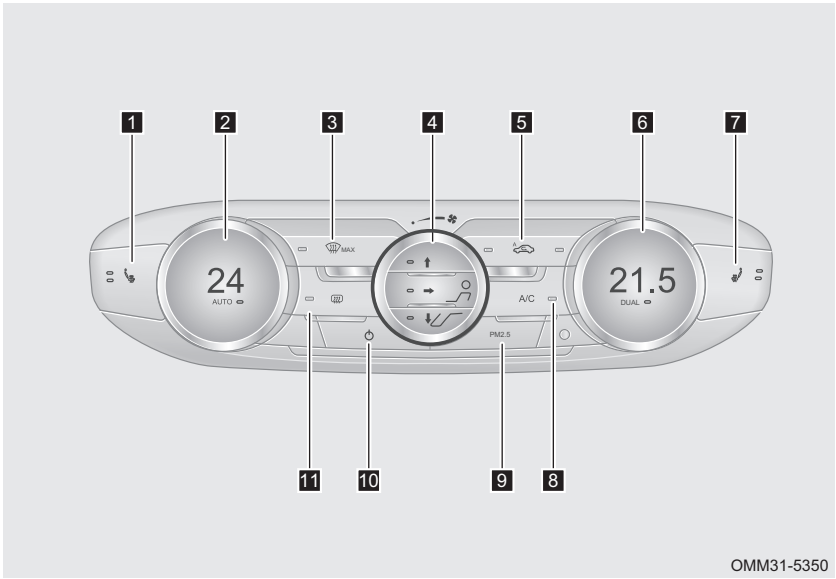
- Vehicle width guideline and predicting line are wider than the actual line.
- If tire is replaced with a different size, the displayed predicting line is different from the actual line, please use the rear view mirror or check and determine distance to other objects actually.
- Do not scratch the lens when cleaning dirt or snow on the camera surface.
- Use the distance as a reference (such as on the hill).

WARNING

- When reversing, make sure that back door is firmly closed.
- Due to the limited monitoring range, reversing view monitor system cannot view the bottom and corners of bumper.
- Because rear camera use wide-angle lens, object distance displayed on reversing view monitor is different from the actual distance.
- Reversing view monitor 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. They are precise instruments. Failure to do so 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.

5-3. Automatic Air Conditioning System

Automatic Air Conditioning System

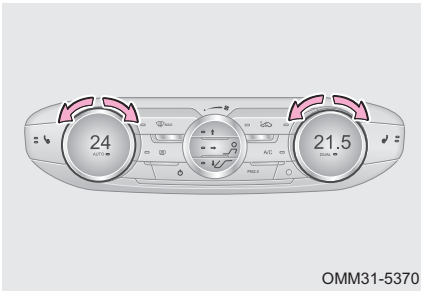


OMM31-5350

- 1** Driver seat heater switch (if equipped)
- 2** Driver side temperature adjustment knob / AUTO mode button
- 3** Maximum front defrosting button
- 4** Airflow volume adjustment knob / mode adjustment button
- 5** AQS button (if equipped) / inner/outer circulation button
- 6** Front passenger side temperature adjustment knob / dual mode button
- 7** Front passenger seat heater switch (if equipped)
- 8** A/C button
- 9** PM 2.5 button (if equipped)
- 10** A/C switch button
- 11** Rear defrosting button

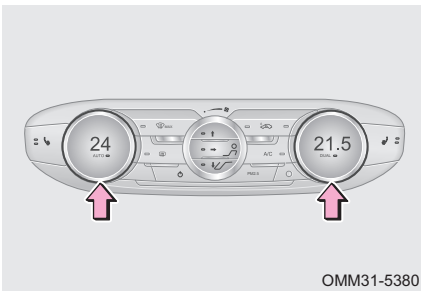
5.FEATURES OF YOUR VEHICLE

- Driver side temperature adjustment knob / front passenger side temperature adjustment knob



Temperature adjustment knob: Turn it clockwise to increase the temperature, turn it counterclockwise to decrease the temperature. The display in the middle of the knob can display the current set temperature.

- AUTO mode button / dual mode button

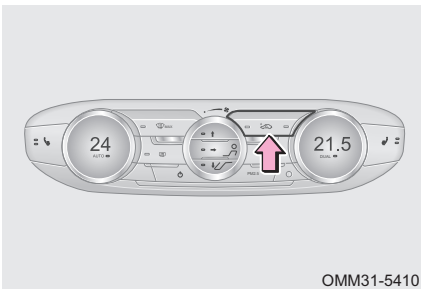


Press AUTO mode button, the indicator comes on indicating that it is switched to AUTO mode, it goes off indicating that it is switched to semi-automatic mode. It is recommended that the comfort temperature in AUTO mode is set to 22°C.

Pressing dual mode button or adjusting front passenger side temperature adjustment knob can enter dual mode automatically. At this time, driver side and front passenger side temperature can be set separately, the indicator comes on indicating that it is switched to dual mode, and the indicator goes off indicating that it is switched to single mode.

With air conditioning turned off, press the AUTO mode button to turn on air conditioning.

- AQS button (if equipped) / inner/outer circulation button



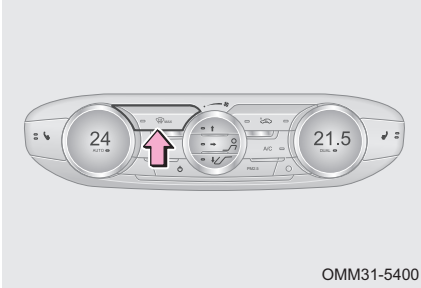
Press AQS button, left indicator comes on to monitor air quality outside the vehicle, and automatically switch to outside/recirculated air mode.

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

Use the recirculated air mode under following conditions:


- In dusty environment.


- Preventing outside exhaust gas from entering vehicle.
- To quickly cool or heat the air in the vehicle.
- Insulate other peculiar smells from exterior.
- Maximum front defrosting button



Press maximum front defrosting button, indicator comes on, indicating that the maximum front defrosting function is operating. The indicator goes off, indicating that the maximum front defrosting function exits.

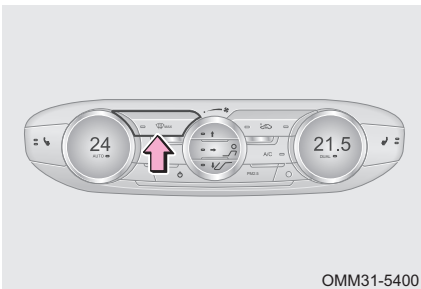
Pressing maximum front defrosting button will obtain a quick defrosting and defogging effect, which will turn on outside air mode and air conditioning compressor forcibly.

When humidity in vehicle is high, press the defrosting/foot button  to properly defrost and defog while ensuring the temperature inside the vehicle. With air conditioning turned off, press maximum front defrosting button to turn on air conditioning.

 **READ**

After wiping off all frost or fog, to improve comfort in vehicle, adjust mode and air volume to proper position.

- Front - windshield heating (If equipped)

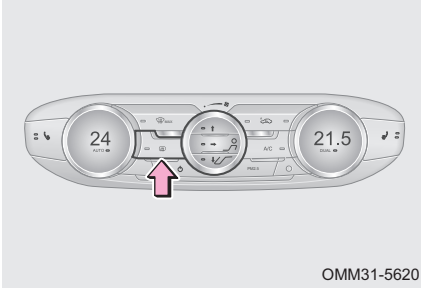


First press the maximum front defrosting button, the maximum front defrosting function starts to work (the indicator is on). Press the maximum front defrosting button for second time, maximum front defrosting function and front windshield heating operate simultaneously (the indicator is not changed). Press the maximum front defrosting button again to exit the related function (the indicator is off).

Avoid turning on the front windshield heating function for a long time.

5.FEATURES OF YOUR VEHICLE

■ Rear defrosting button (if equipped)



After starting vehicle, rear defrosting button is pressed and indicator comes on, indicating that the rear defrosting is operating. The indicator goes off, indicating that the rear defrosting stops operating.

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

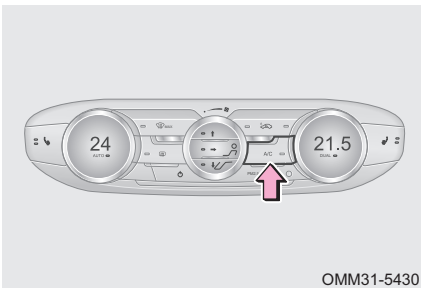
CAUTION

- Do not scratch or damage the heater wires when cleaning the rear windshield.
- Make sure that the rear defroster is turned off when the fog and frost on window surfaces are cleared.
- When the battery is low, the rear defroster cannot be turned on to ensure that vehicle starts normally.

WARNING

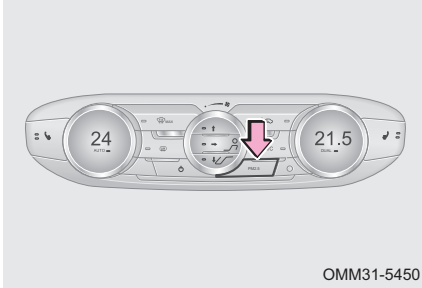
To prevent burning yourself, do not touch the rear windshield when the defroster is operating or has just turned off.

■ A/C button



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

■ PM 2.5 button (if equipped)



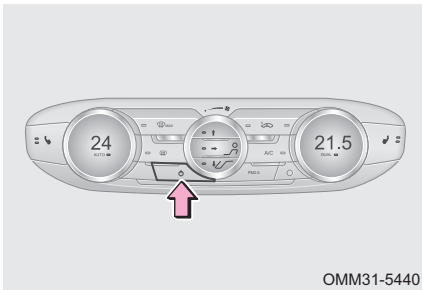
Press PM 2.5 button, turn on/off PM 2.5 purification function.

After PM 2.5 function is turned on, according to different air PM 2.5 level inside the vehicle, air conditioning system inner / outer circulation damper will switch, and the air volume may change to purify the air inside the vehicle.

Different colors indicate different PM 2.5 levels:

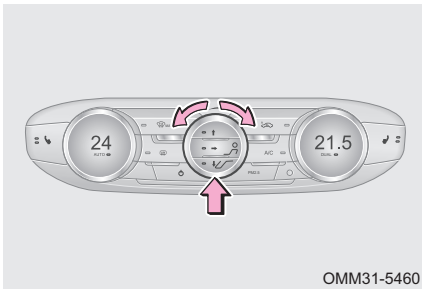
PM 2.5 Concentration	Color	Color
Low	Blue	Good air quality
Little high	Yellow	Medium air quality
High	Amber	Poor air quality
Very high	Red	Extremely bad air quality

■ A/C switch button



Press A/C switch button to turn on/off air conditioning system.

Airflow Volume Adjustment Knob / Mode Adjustment Button



Airflow volume adjustment knob: Turn it clockwise to increase the volume, turn it counterclockwise to decrease the volume, center knob button is mode adjustment button.

With air conditioning off, turn airflow volume switch clockwise to turn on air conditioning.

5.FEATURES OF YOUR VEHICLE

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

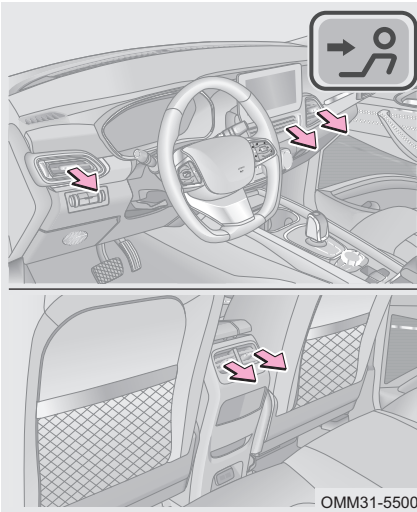
"↔" Face mode: Airflow is blown out from center and face outlets on both sides.

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


READ

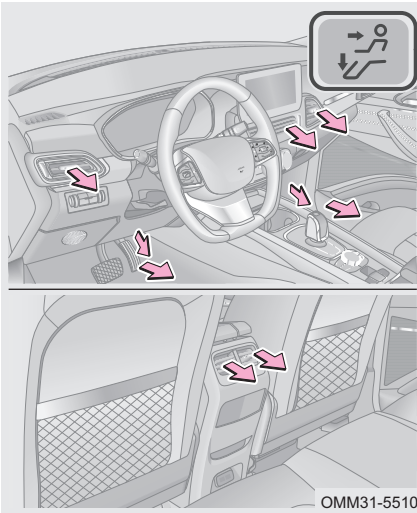
- The gear range of air conditioning blower is affected by battery power. When the system monitors that the battery power is gradually decreasing, it will limit the blower airflow (6th, 4th, 1st) to reduce the loss of the battery.
- In defrosting/face/foot mode, the face outlets on both sides are always ventilated.

■ "↔" Air flows to upper body




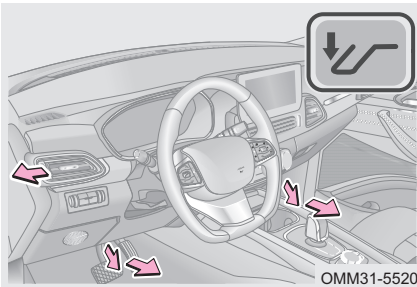
Air flows mainly from instrument panel outlets.

- "  " Air flows to upper body and feet




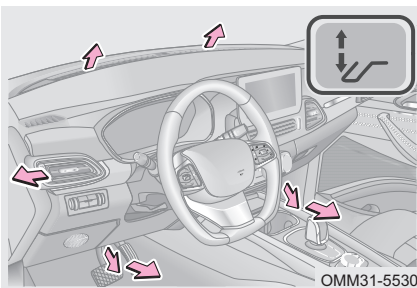
Air flows mainly from floor outlets and instrument panel outlets.

- "  " Air flows to feet



Air flows mainly from floor outlets.

- "  " Air flows to feet, front windshield and front windows

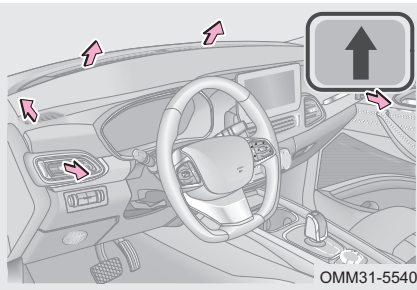


Air flows mainly from floor outlets, front windshield defrosting outlets and side defrosting outlets.

When front windshield or side window of the vehicle is fogging/frosting, it is recommended to directly select the maximum front defrosting to defog/defrost rapidly.

5.FEATURES OF YOUR VEHICLE

- "↑" Air flows only to front windshield and front windows



Air flows mainly from front windshield defroster outlets and side defroster outlets.



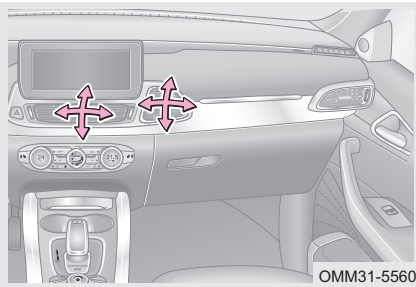
READ

If windshield becomes fogged-up during driving, defroster mode is recommended.

Air Outlets Airflow Control

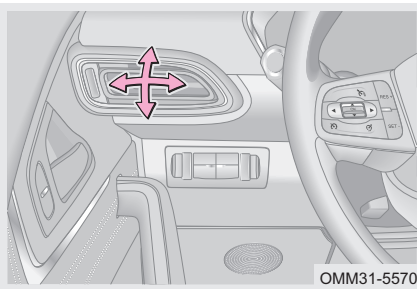
Adjust airflow direction and air volume of air outlets by pulling adjustment lever.

- Center outlets



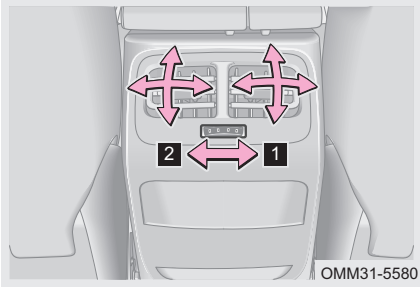
Move center outlet adjustment lever up, down, left or right by hand to adjust direction of airflow.

- Side outlets



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

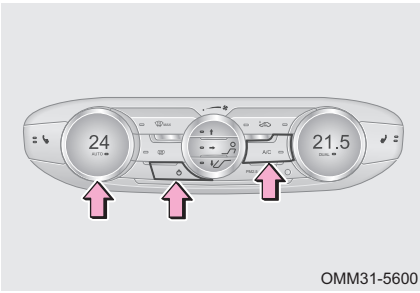
■ Armrest outlets



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

- Turn knob to **1** to increase air volume.
- Turn knob to **2** to decrease air volume.

Air Conditioning Refrigeration Operation



When the engine is started:

1. Turn the A/C switch and blower on;
2. Air conditioning panel operation: Turn temperature adjustment knob counterclockwise to cool down;
3. It is recommended to adjust to face mode;

4. Outside/recirculated air adjustment: Select outside/recirculated air mode according to actual situation (Suggestion: To quickly cool down, recirculated air mode can be set; But if driving for a long time, it is recommended to turn on outside air mode in time to ensure air quality.)

In hot summer, the temperature in vehicle will very high after exposing the vehicle under burning sun, perform the following operations to quickly cool down:

1. Lower down the window glass;
2. Start the vehicle, turn on outside air mode, adjust the air volume to highest level, adjust the temperature to MAX COOL position and turn on "A/C" to cool down. After feeling that the temperature has decreased, close the window glass in time and use recirculated air mode to quickly cool down.



READ

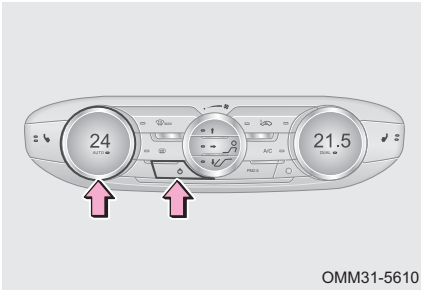
- Turn off engine after air conditioning is cooled, and air conditioning blower is operated again at a low speed for 30 s after stopping the vehicle for 10 min. The purpose is to blow air conditioning condensate remaining in evaporator to dry, and prevent odor or mildew due to remaining condensate.
- If air conditioning is on and vehicle is continually climbing long slopes, or is in heavy slow driving 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 air conditioning.
- When air is cooled down quickly in heat humid condition, fog may be seen from outlet, it is normal physical phenomenon.
- It is recommended to turn on air conditioning refrigeration system not less than 5 minutes every month and open the window simultaneously, this will help to prevent air conditioning system damage due to lack of lubricant, and also prevent evaporator odor due to moist and germ.
- When the temperature is low, such as in winter, even if indicator comes on after operating A/C button, compressor still cannot be started.
- Refrigerant filled in air conditioning system will decrease as time, if you feel refrigeration effect of air conditioning is poor, contact the Chery authorized service station for inspection and repair in time.
- Also, surface dirt and block in air conditioning condenser may cause poor refrigeration effect, please keep condenser clean.
- After using air conditioning refrigeration system, water is dripping from the air conditioning drain pipe and forming a pool, it is normal.
- During sudden acceleration, overtaking and climbing, power system needs more power for compensation. At this time, if the air conditioning is operating, the compressor may be turned off automatically, if it does not turn off and you feel lack of power, it is recommended to turn off air conditioning.



CAUTION

- Please purchase EXEED special refrigerant and compressor lubricant at the Chery authorized service station, or air conditioning system damages sustained by this are not under compensation.
- In hot summer, the temperature in closed vehicle will quickly increase due to sunshine, this may cause personal or animal injury or death, especially for the infants, even in short time.
- It is forbidden to repair air conditioning system by yourself, since the high pressure refrigerant is harmful to human, it is necessary to contact the Chery authorized service station for inspection and repair.

Air Conditioning Heating Operation



OMM31-5610

When the engine is started:

1. Turn the blower on;
2. Air conditioning panel operation:
Turn temperature adjustment knob clockwise to heating;
3. It is recommended to adjust to foot or foot defrosting mode.

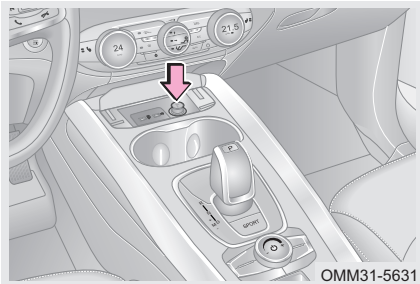
Precautions When Using the Air Conditioning System

To extend service life of air conditioning system, do not use the air conditioning for a long time when using air conditioning refrigeration.

5-4. Power Outlet

Power Outlet

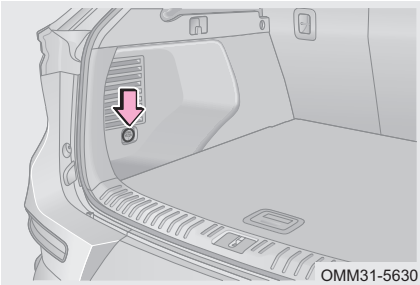
■ Power outlet



OMM31-5631

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

Power outlet can be used only when engine start stop switch is turned to ON mode.



OMM31-5630

Rear power outlet (if equipped) is located on the left side of luggage compartment.

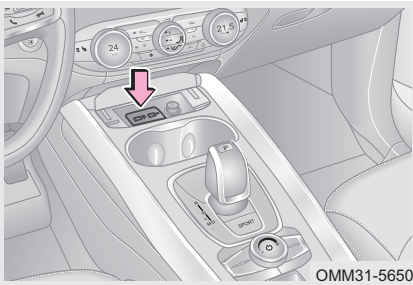
Power outlet can be used only when engine start stop switch is turned to ON mode.

5. FEATURES OF YOUR VEHICLE

CAUTION

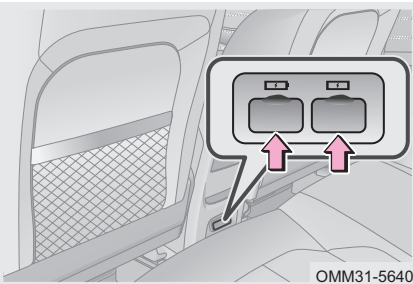
- To prevent the fuse from being blown, do not use electrical equipment with high power (120 W or more).
- To prevent the battery from discharging, do not use the power outlet longer than necessary when the engine is not running.
- Do not insert anything or allow any liquid to get into the outlet other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

■ USB



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

This port is used to connect mobile phone, ipad, U disc and other equipment to audio head unit.

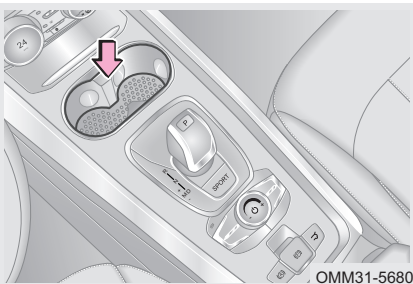


USB port is located under the rear air outlet of center armrest.

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

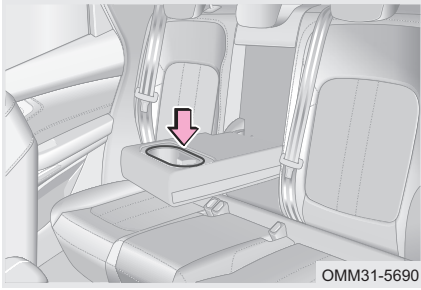
5-5. Cup Holders

Cup Holders



Front cup holder

Front cup holder is located on the front end of auxiliary fascia console.



Rear cup holder

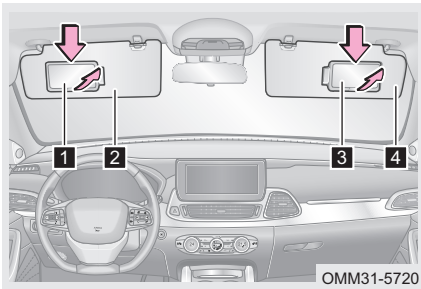
Rear cup holder is located on the rear center seatback.

CAUTION

- 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.

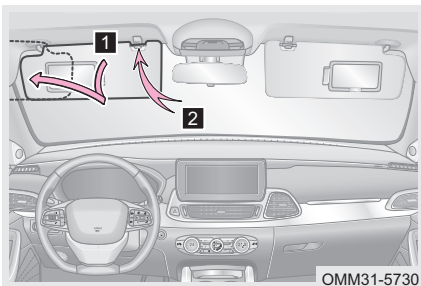
5-6. Sun Visors and Vanity Mirrors

Sun Visors and Vanity Mirrors



- 1** Driver vanity mirror
 - 2** Driver side sun visor
 - 3** Front passenger side sun visor
 - 4** Front passenger side vanity mirror
- If it is necessary to use vanity mirror, turn up the vanity mirror cover plate.

For vehicle equipped with vanity mirror light, the corresponding vanity mirror light will come on when turning up the vanity mirror cover plate.

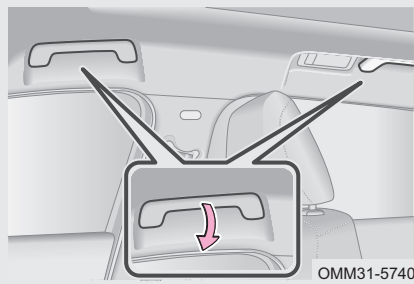


- 1** Flip the sun visor down.
- 2** Detach the hook and turn it outward to shade the side.

5. FEATURES OF YOUR VEHICLE

5-7. Assist Grips and Front/Rear Center Armrest

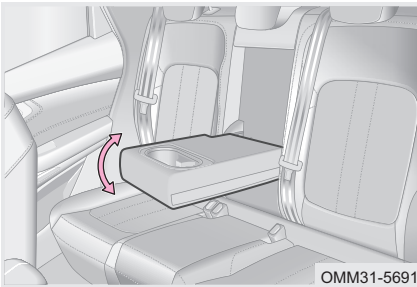
Assist Grips



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

When traveling on rough roads, passengers can keep balance by grasping the grips to ensure safety.

Rear Center Armrest



Rear seat is equipped with a fold-down armrest with cup holders, turn down the armrest for use.

CAUTION

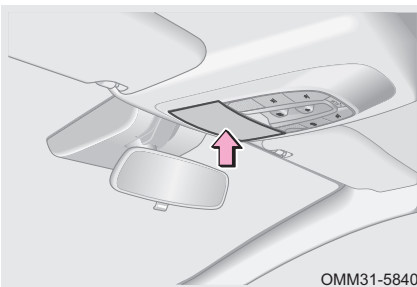
Please return the center armrest to its original position when not in use.

WARNING

Anyone (including adult and children) cannot occupy the rear center seat after flipping the center armrest down, because the passenger on this seat cannot maintain the correct posture and it is very easy to cause injury.

5-8. Storage Space

Glasses Box

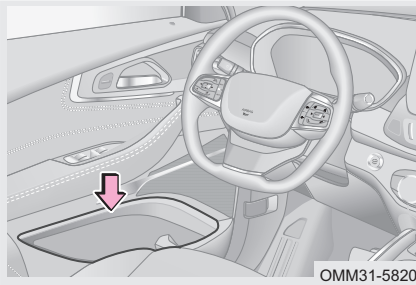


Glasses box is near front interior light closely. It can be used to store glasses or other small items.

CAUTION

Do not place oversize objects in the glasses box.

Door Storage Boxes

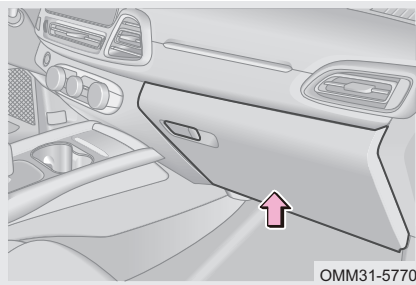


Door storage boxes on front and rear doors can be used for storing maps, cups and other items.

CAUTION

Do not place oversized objects in the door storage boxes.

Glove Box



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

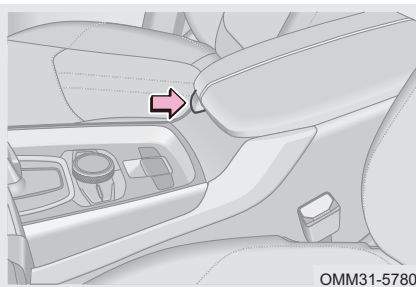
CAUTION

Do not place oversized objects in the glove box.

CAUTION

Keep the glove box closed. In the event of sudden braking or sudden swerving, an accident may occur due to an occupant being struck by an open glove box or the items stored inside.

Auxiliary Fascia Console Storage Box



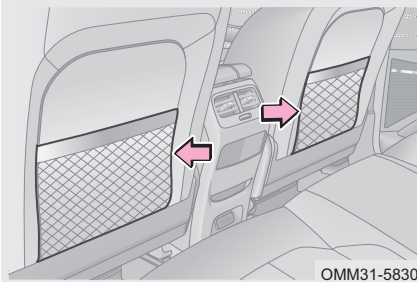
Auxiliary fascia console storage box is automatically turned on by pressing lock button. Auxiliary fascia console storage box is used to store map, instructions and other items.

5.FEATURES OF YOUR VEHICLE

⚠ 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, and the opening auxiliary fascia console storage box may hinder the driver's arm movement to prevent injury.

Seat Storage Bag



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

■ Luggage compartment



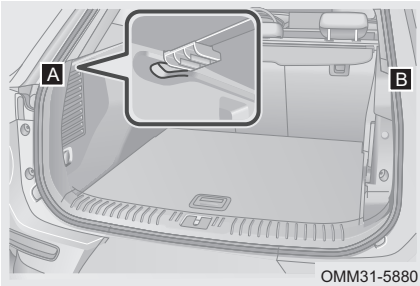
To enlarge space for stowing luggage, the rear seats can be folded when no passenger in seats. The folding rear seats provide convenience for storage of cargo. For detailed information, please refer to "3-5. Seats".

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

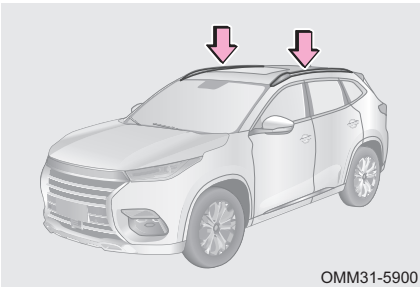
- Be careful to keep the vehicle balanced.
- For better fuel economy, do not carry unneeded weight.
- Make sure that the stowing items are not oversize to prevent the back door from closing properly.

**WARNING**

- Do not drive with the back door opened or not closed, to prevent items from being thrown out to cause personal injury.
- 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.
- 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.

■ Luggage curtain

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

■ Carrier

Roof carrier is used for loading cargo and load is 30 kg. Overweight will cause carrier, body roof and other components to be damaged, the various problems caused by overweight are not within the compensation.

**CAUTION**

- Do not overload the roof carrier.
- Do not exceed total length or total width of the vehicle when roof carrier is used for loading cargo.
- Before driving, make sure that cargo is securely fastened on the roof carrier.
- Be careful not to scratch the roof surface, place a blanket or other protector between cargo and roof if necessary.

5.FEATURES OF YOUR VEHICLE



WARNING

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

IN CASE OF AN EMERGENCY

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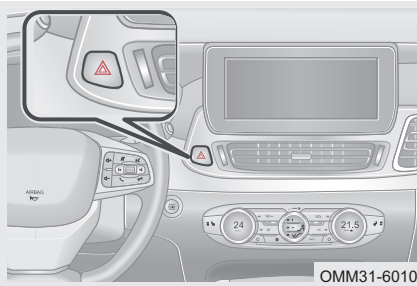
6.IN CASE OF AN EMERGENCY

6-1. Handling Vehicle In Emergency

During driving, most of dangers happen suddenly, only making correct judgment in an instant, operating properly and controlling vehicle in such case can prevent accident or reduce accident loss and personal injuries.

Hazard Light

If you stop vehicle at a place where traffic accidents may occur, always turn on hazard lights to warn other vehicle drivers. Stop vehicle at a place as far away from the road as possible.



Hazard light switch is located under the audio head unit.

Press hazard light switch to turn on the hazard lights, press the switch again to turn off.

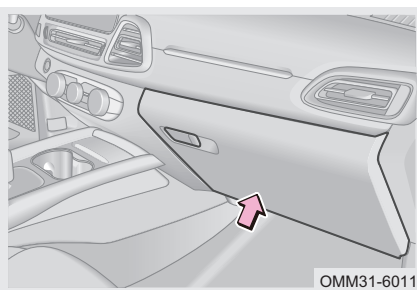
READ

- The hazard lights operate even when engine start stop switch is turned off.
- When the airbags operate, the hazard light function is activated automatically.

CAUTION

To prevent battery from being discharged, do not turn on the hazard lights more than necessary when the engine is not running.

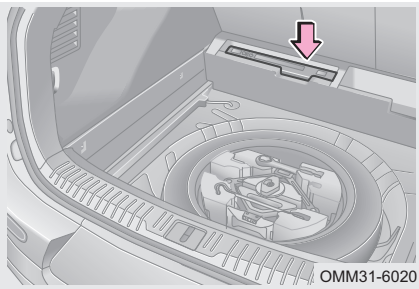
Reflective Vest



The reflective vest is placed in the glove box.

When the driver encounters a sudden failure to stop to handle or when an accident happens, wear the reflective vest with reflective strip facing outwards. Its reflective performance can warn other vehicles to avoid secondary accidents.

Warning Triangle



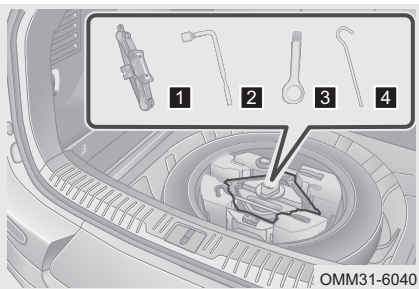
Warning triangle is located under the luggage compartment carpet.

When the driver encounters a sudden failure to stop the vehicle to handle or when an accident happens, the reflective performance of warning triangle can warn other vehicles to avoid secondary accidents.

CAUTION

- On a normal road, the warning triangle should be placed over 50 m away from your vehicle in oncoming direction.
- On a highway, it should be placed over 150 m away.
- In rain or on a corner, it should be placed over 150 m away to allow vehicles behind to notice the triangle as early as possible.

Spare Tools (If Equipped)

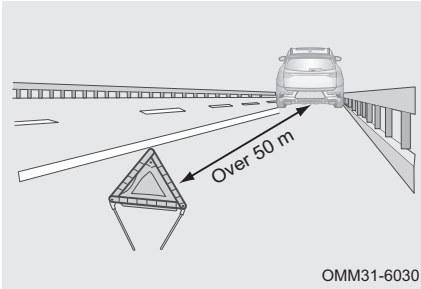


- 1** Jack
- 2** Wheel bolt wrench
- 3** Towing eyelet
- 4** Jack rocker

6-2. If You Have a Flat Tire When Driving

If You Have a Flat Tire When Driving

If a tire goes flat during driving, slow down gradually, grip the steering wheel with two hands and keep driving straightly. Stop vehicle to a safe place away from the traffic road. Park it on firm and level ground as much as possible. Avoid stopping on center or divider of a highway.



1. Apply parking brake and shift the shift lever to P position.
2. Turn off engine and turn on hazard lights.
3. Have everyone get out of vehicle and stayed away from traffic.
4. Take the warning triangle out from luggage compartment, and place it over 50-150 m away behind the vehicle (depending on actual condition).



CAUTION

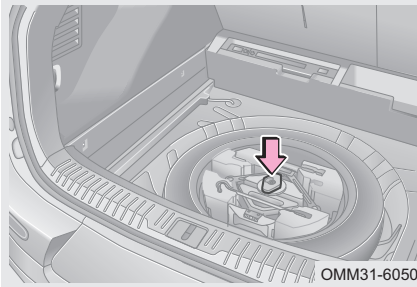
Do not continue driving with a flat tire. Driving even a short distance with a flat tire can damage the tire beyond repair.

Tire Replacement

■ Preparations for jacking up

1. Apply the parking brake;
2. Use jack on a firm level ground;
3. It is recommended to block the vehicle wheels and ensure no one is in the vehicle;
4. Never allow anyone to put their bodies under the vehicle that is being jacked with jack.

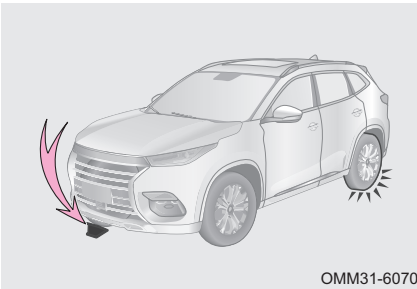
■ Taking out spare tire



Open back door, lift the luggage compartment carpet and take out the tool bag. Rotate fixing bolt of spare tire counterclockwise to remove it, and then take out the spare tire.

■ Replacing with spare tire

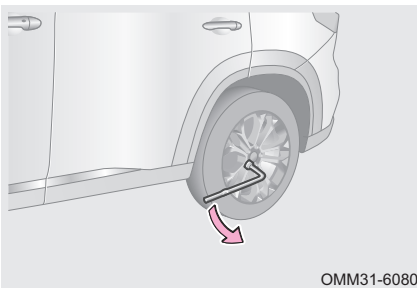
1. Place a wheel block.



When jacking up vehicle, you must put a block under the tire diagonally opposite to the tire being removed to prevent wheels from rolling.

Flat Tire	Wheel Block Position
Front left wheel	Behind rear right wheel
Front right wheel	Behind rear left wheel
Rear left wheel	In front of front right wheel
Rear right wheel	In front of front left wheel

2. Loosen all the wheel bolts.



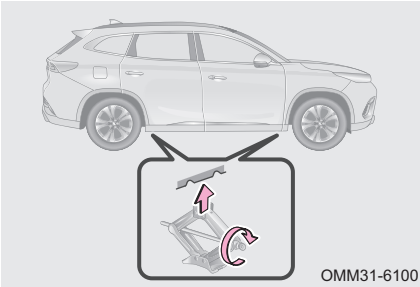
Before jacking up vehicle, turn bolts on wheel to be replaced counterclockwise to loosen them with a wheel bolt wrench. Fit wheel bolt wrench to the bolt with its handle leftward as shown in illustration. Hold end of the handle and press it down.

6. IN CASE OF AN EMERGENCY

CAUTION

- During removing the tire bolts by wheel bolt wrench, avoid bolt wrench dropping off from bolt abnormally as much as possible, otherwise, wheel bolts will be damaged easily.
- Do not remove the bolts completely in this step, just loose them partly. Or, wheel may drop off because of the vehicle pressure, causing personal injury or vehicle damage.

3. Operate with the jack.



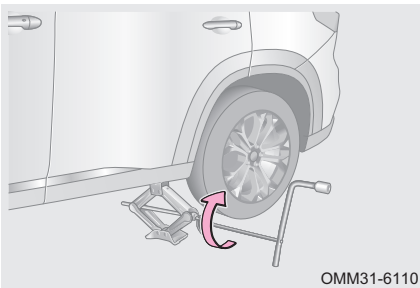
Position jack on firm and level ground and make sure notch of jack is at correct jacking-up point.

Turn jack handle clockwise by hand until notch of jack contacts with the vehicle jacking-up point.

WARNING

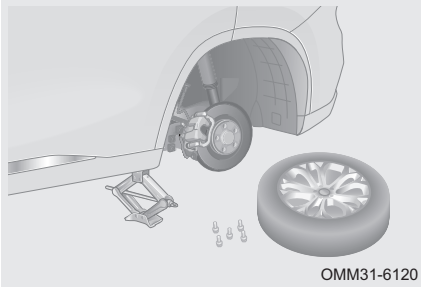
- Jack the vehicle to a proper height at which tire can be replaced just.
- Jack rated load: 1000 Kg.

4. Jack up vehicle after making sure that no passenger is in vehicle.



When jacking up vehicle, fit jack rocker into jack, and wheel bolt wrench into jack rocker, and turn the wheel bolt wrench clockwise. Once the jack touches the vehicle and begins to lift, check if jack position is proper.

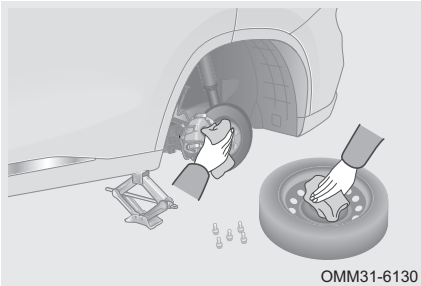
5. Remove the wheel to be replaced.



Using wheel bolt wrench, remove 5 wheel bolts counterclockwise and wheels.

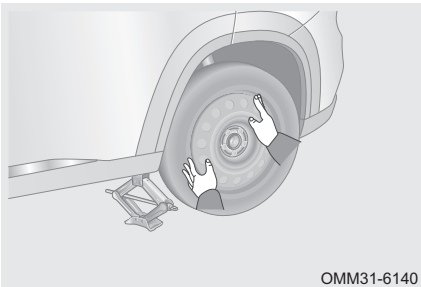
When resting wheel on ground, place wheel so that rim faces up, to avoid scratching rim surface.

6. Install spare tire.



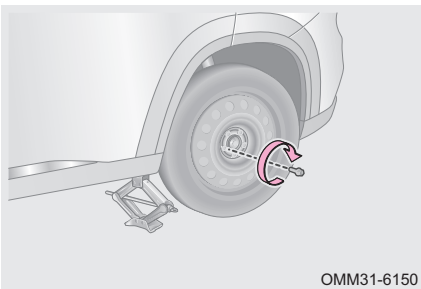
Before installing wheel, remove any attachments from mounting surfaces with tools.

Make sure wheel hub well contacts with wheel surface. Otherwise, it may cause wheel bolts to loosen and eventually cause a serious accident.



Install spare tire to wheel hub.

7. Install wheel bolts.



Screw in 5 wheel bolts clockwise with hand first when installing wheel bolts, then pre-tighten all bolts with wheel bolt wrench.

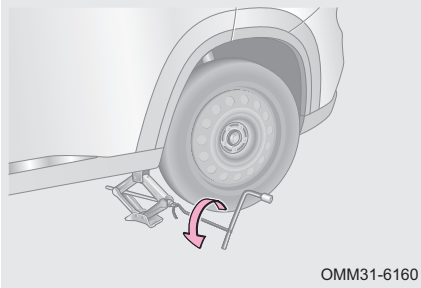


CAUTION

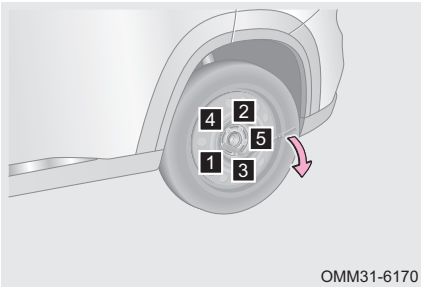
Do not apply oil or grease on wheel bolts. If there is oil stain on bolt, clean the bolt before installation.

6. IN CASE OF AN EMERGENCY

8. Lower vehicle completely and tighten each wheel bolt.



To lower vehicle, turn wheel bolt wrench counterclockwise.



Using wheel bolt wrench, tighten bolts in sequence shown in illustration. Repeat the process 2 to 3 times to make sure that wheel bolts are tightened in place.

Only use wheel bolt wrench to tighten the bolts.

9. Stow flat tire.

10. Collect jack, warning triangle and all tools, and stow them in original place properly.

11. After replacing, check spare tire pressure.

If tire pressure alarm (instrument cluster display) occurs, drive vehicle slowly to the nearest Chery authorized service station to inflate tire to proper pressure value. Do not forget to reinstall tire valve cap, otherwise, dirt and moisture could get into valve core and possibly cause air leakage. If any cap is missing accidentally, please purchase a new one as soon as possible and install.

WARNING

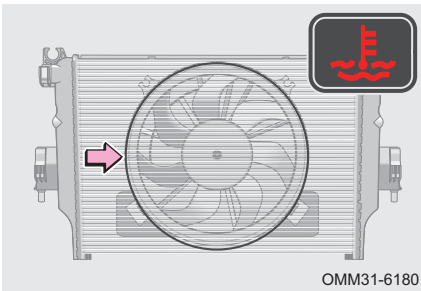
- Drive at specified speed of 80 km/h or less with a non-full-size spare tire.
- When lowering vehicle, make sure that you and all other persons around vehicle stay in a safe area to prevent an accident.
- Non-full size spare tire cannot be used for a long time. Tighten wheel bolts to 130 ± 10 N·m after replacing the non-full size spare wheel. Drive slowly to the nearest Chery authorized service station (recommended distance ≤ 80 km) to replace standard tire. Otherwise, and wheels may fall off due to loose bolts.

6-3. If Your Vehicle Overheats

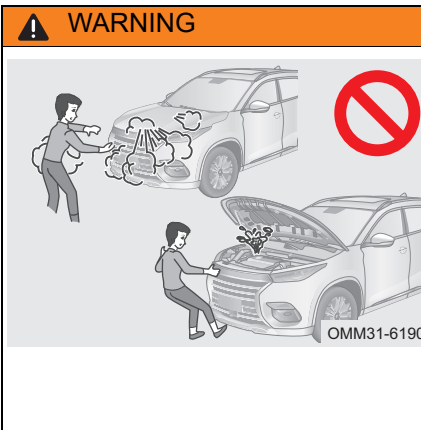
If Your Vehicle Overheats

If engine coolant temperature in meter alarms, it indicates that the engine coolant temperature is high, please take the following measures immediately.

1. Drive vehicle off road safely, stop vehicle at a safe area, apply parking brake and move shift lever to P position, then turn on the hazard lights. Turn off the air conditioning if it is being used.
2. If coolant or steam sprays out from coolant reservoir, stop the engine immediately. Open hood after the steam subsides. If there is no coolant boiling over or steam spraying out, keep the engine idling and check if cooling fans are operating.



If the cooling fan does not operate, stop the engine immediately and contact the Chery authorized service station for inspection and repair.



- If there is steam or coolant spraying out, it indicates that pressure in cooling system is very high. To avoid personal injury, keep hood closed until there is no steam spraying out.
- Never attempt to open the coolant reservoir cap when the engine and radiator are hot. Serious scalding injury will be caused by hot coolant and steam blown out under pressure.

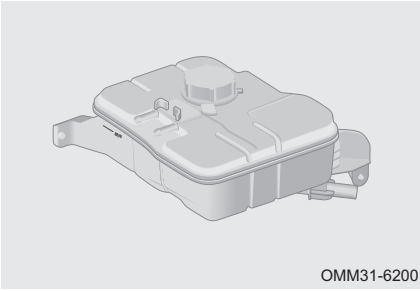
3. Open hood, check that radiator, hoses and underneath of the vehicle have no obvious coolant leakage. However, water dripping from air conditioning after use is normal.

6.IN CASE OF AN EMERGENCY

⚠ WARNING

When engine is running, keep hands and clothing away from moving fan and engine drive belt. Even if engine has been turned off, fan may still run.

4. If coolant leakage is found, stop the engine immediately and contact the Chery authorized service station for inspection and repair.



5. If there are no obvious leaks, check if coolant level is within the range. If it is at or below "MIN", add coolant to the level that between "MIN" and "MAX". Only use the coolant type recommended by Chery.

⚠ WARNING

- In emergency, water can be used if coolant is unavailable. Please go to the Chery authorized service station to replace coolant.
- If engine overheats frequently, please contact the Chery authorized service station to have cooling system inspected and repaired.

6-4. Replacing Fuse

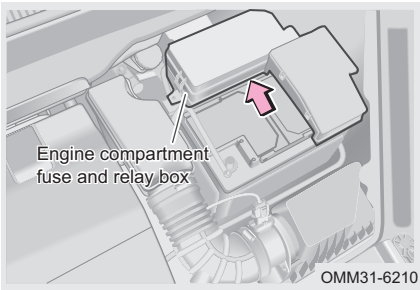
Fuse

Fuses are used to protect electrical circuits and appliances from overload. If any electrical appliance does not operate, it may be caused by a blown fuse. If this happens, check and replace the fuses as necessary.

Fuse and Relay Box Layout

■ Engine compartment fuse and relay box

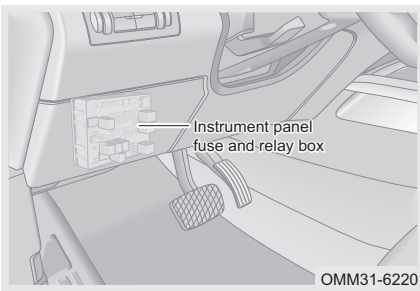
Engine compartment fuse and relay box is located on the right side of engine compartment (indicated by arrow).



1. Turn off all electrical appliances and engine start stop switch;
2. Disconnect the negative battery cable;
3. Remove the engine compartment fuse and relay box cover to inspect or replace the fuse.

■ Instrument panel fuse and relay box

Instrument panel fuse and relay box is located behind instrument panel storage box.



1. Turn off all electrical appliances and engine start stop switch;
2. Disconnect the negative battery cable;
3. Remove the instrument panel storage box to inspect or replace the fuse.

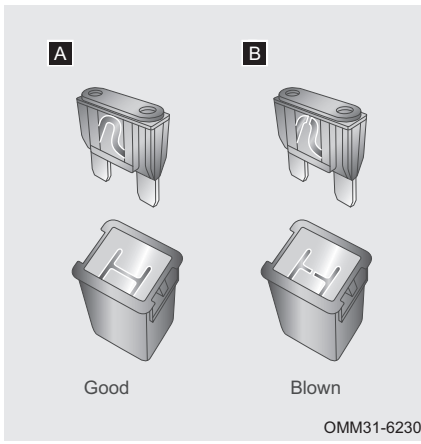


READ

- 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 storage box. Please contact the Chery 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.

6.IN CASE OF AN EMERGENCY

Checking Fuse



If electrical appliances do not work, please check the relevant fuses.

Check if the fuse is normal according to the illustration.

A Good fuse.

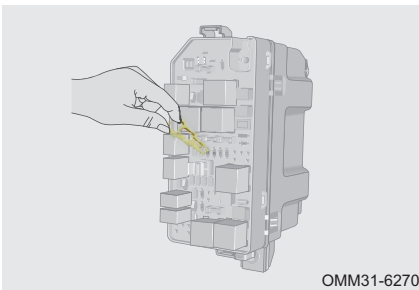
B Blown fuse.



READ

If the fuses are blown, they must be replaced.

Replacing Fuse



1. Turn off all electrical appliances and engine start stop switch;
2. Check suspected fuses according to the fuse and relay box layout;
3. Pull the suspected fuse out by a fuse remover;
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;

5. Only install a fuse that has the same amperage rating as used one. You can see the amperage rating on circuit diagram on the backside fuse box cover.

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

- Never use a fuse with a higher amperage rating, otherwise electrical appliances may overload. If the fuse with specified amperage rating is still blown, it indicates that there is a malfunction on circuit. Please contact the Chery authorized service station for inspection and repair immediately.
- Never replace a fuse with a wire, even as a temporary replacement. Otherwise, this may cause serious damage to electrical appliances, or even fire.
- Do not modify any fuses or fuse boxes.

⚠ WARNING

Only install a original fuse that has same amperage rating and model as used one.

6-5. Towing Vehicle**Towing Precautions**

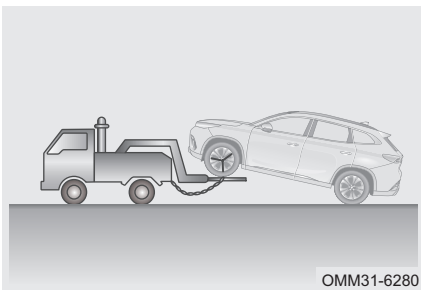
Use a safety chain system for all towing, and abide by the state/provincial and local laws and regulations. Wheels contacting with ground and corresponding axle must be in good condition. If not, use a flatbed truck.

Towing vehicle: Before towing, release the parking brake and shift the shift level to neutral position.

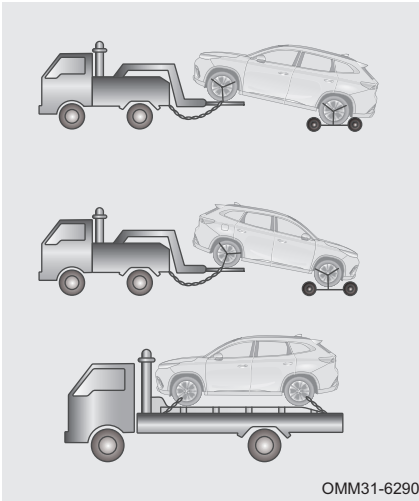
Releasing electrical parking brake in emergency: With the electrical parking brake released, turn off the engine start stop switch while press and hold electrical parking button. It is recommended to use only in rescue trailers or in rare cases.

The following are correct towing methods:

- Towing with a wheel lift-type truck (for front-wheel drive vehicles).



6.IN CASE OF AN EMERGENCY

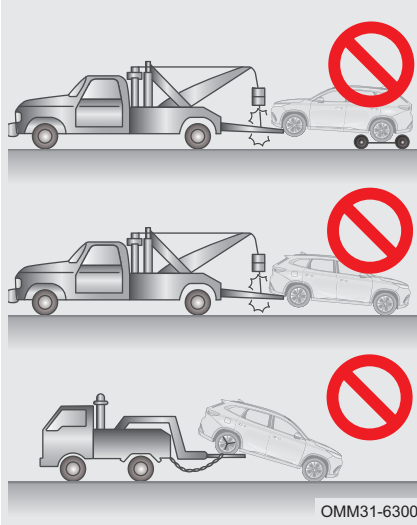


- When towing from front of the vehicle, use towing dolly under the rear wheels (for rear-wheel drive vehicles).
- When towing from rear of the vehicle, use towing dolly under the front wheels (for rear-wheel drive vehicles).
- Using a flatbed truck (for front-wheel drive, rear-wheel drive and 4WD vehicles).

CAUTION

- 4WD vehicles must use a flatbed truck for towing.
- After lifting wheels, it is necessary to fix the lifted wheels with safety chain or equivalent tool.
- Before towing, release the parking brake and shift the shift level to neutral position.
- Ensure that there is a proper clearance between the wheels not lifted and ground. Otherwise, the bumper and underbody of the towed vehicle will be damaged during towing.

The followings are wrong towing methods:



- Tow with sling-type truck sling from front of the vehicle.
- Tow with sling-type truck sling from rear of the vehicle whilst front wheels are on the ground.
- Tow with wheel lift-type truck sling from rear of the vehicle whilst front wheels are on the ground.

CAUTION

Do not tow with sling-type truck, either from the front or rear. Otherwise, vehicle body may be damaged.

Emergency Towing

If tow truck is not available in an emergency, your vehicle may be temporarily towed using a towing cable, chain or lever secured to the emergency towing eyelet. Use extreme caution when towing a vehicle. This should only be attempted on hard surfaced road for short distances at low speed. Driver must be in towed vehicle to operate steering wheel and brake pedal.

Conditions for emergency towing:

1. Release the parking brake.
2. Move shift lever to neutral position.
3. Engine start stop switch must be in ACC or ON mode.

CAUTION

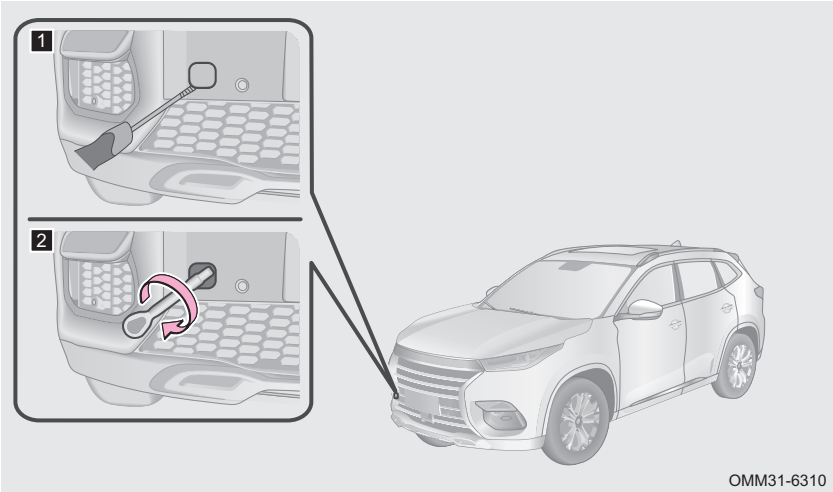
- Towing rope uses hard-wired connection, please refer to local traffic requirements.
- Before emergency towing, make sure that wheels, axle, drive train, steering wheel and brakes are in good condition.
- Secure a towing cable, chain or lever to the vehicle towing eyelet.
- Tow vehicle as straightly ahead as possible, do not tow vehicle from side to avoid damaging vehicle.
- If engine is not running, vacuum booster and power steering system will not work. Therefore, steering and braking will be more difficult than usual. Operate carefully when towing.
- If towed vehicle still cannot move, do not forcibly continue towing to avoid secondary damage to vehicle. Please contact Chery authorized service station or a commercial towing service for assistance.

WARNING

- Towing should only be attempted on hard surfaced road for short distances at low speed. Make sure that wheels, axle, drive train, steering wheel and brakes are in good condition.
- When towing vehicle, avoid sudden starts 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.
- To avoid personal injury, people other than driver should stay away from the vehicle when it is towed.
- Do not tow vehicle for long periods of time.
- When towing vehicle with automatic transmission, it is recommended to contact Chery authorized service station or a commercial towing service for assistance.

Installing Towing Eyelet

■ Front installation position of towing eyelet



Front installation position of towing eyelet is located on the bottom of front right side of the vehicle.

1. Use a screwdriver with its tip taped to remove the towing eyelet hole cover;
2. Install towing eyelet into eyelet hole in a clockwise direction. Then tighten it firmly with wheel bolt wrench.

■ Rear installation position of towing eyelet



Rear installation position of towing eyelet is located on the bottom of rear right side of the vehicle.

6.IN CASE OF AN EMERGENCY

1. Use a screwdriver with its tip taped to remove the towing eyelet hole cover;
2. Install towing eyelet into eyelet hole in a clockwise direction. Then tighten it firmly with wheel bolt wrench.

CAUTION

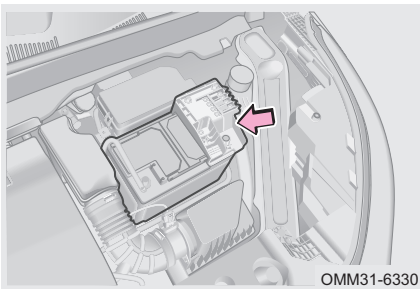
- Only use specified towing eyelet. Otherwise, vehicle may be damaged.
- Towing rope or towing bar can only be installed while towing eyelet installed in place.
- Both drivers must be familiar with the towing process, otherwise they cannot carry out towing work.
- Drive the vehicle slowly and smoothly 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.

6-6. Removing Battery

Removing Battery



The following steps must be taken when removing and installing the battery:

1. Turn off all electrical appliances and engine start stop switch;
2. Open the hood;
3. Remove the negative (-) battery terminal cable;
4. Remove the positive (+) battery terminal cable;
5. Remove the battery holder and the battery;
6. Install a new battery that has same specification as used one. Install the new battery properly in the reverse order of removing.

**ENVIRONMENTAL PROTECTION**

The used battery contains sulfuric acid and lead and should not be disposed of at will. Please handle according to the local laws and regulations or discard at a local qualified waste disposal station.

**CAUTION**

Be careful to avoid the metal tool contacting both electrodes of the battery at the same time or unintentionally touching the positive electrode and the vehicle body at the same time.

**WARNING**

- Do not leave battery within the reach of children.
- Do not smoke, use matches, cigarette lighters or allow open flame near the battery.
- Always wear gloves and safety glasses during operation, as battery acid is strongly corrosive. Do not lean the battery.
- If acid spills on your skin or clothes, the liquid must be neutralized with alkaline water (soap), and then wash it with clean water. Get emergency medical attention immediately, if necessary.

6-7. If Your Vehicle cannot Start Normally**Simple Checks**

If engine can not start, make sure you have followed the correct starting procedures given in "4-2. Starting Engine" and check if fuel is sufficient.

If engine does not run or engine speed is low:

1. Check if battery terminals are tight and clean;
2. If battery terminals are connected properly, turn on and observe the headlights. If the light is dim, battery is discharged. Please try jump starting. If engine still cannot start, the starting system may be malfunctioning. Please contact the Chery authorized service station for inspection and repair as soon as possible;
3. If engine cannot start, instrument alarms "Engine Certification Failure", turn engine start stop switch to OFF or ACC mode and try starting engine again, if engine still cannot start, please contact the Chery authorized service station for inspection and repair as soon as possible.

If engine runs at normal speed but will not start:

1. Turn engine start stop switch to OFF or ACC mode and try starting engine again;
2. If the engine cannot be started, it may cause fuel to overflow due to repeat

6. IN CASE OF AN EMERGENCY

starting. Try procedures in "Starting a Flooded Engine";

3. If engine still cannot start, other malfunctions may occur in vehicle. Please contact the Chery authorized service station for inspection and repair as soon as possible;

Starting a Flooded Engine

If the engine cannot be started, it may cause fuel to overflow due to repeat starting. Turn off engine start stop switch, and try again after several minutes. If engine still cannot start after retry, please contact the Chery authorized service station for inspection and repair as soon as possible.

CAUTION

- To avoid damage to the starter, starting operation should not exceed 15 seconds each time.
- If engine becomes difficult to start or stalls frequently, please contact the Chery authorized service station for inspection and repair as soon as possible.

6-8. Jump-starting

Jump-starting

To avoid vehicle damage or personal injury due to improper operation, if you are unsure about how to follow the procedure, Chery strongly recommends that you seek help from professional serviceman or Chery authorized service station.

CAUTION

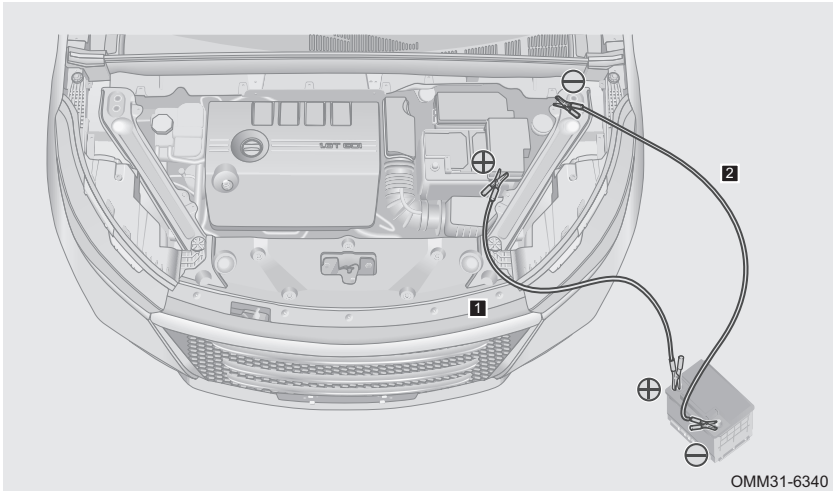
- Battery voltage used for jump starting should be 12 - 13 V. Do not jump start unless you are sure that the battery voltage is correct.
- When connecting jumper cables, ensure that they do not become entangled in the cooling fans or drive belt.

WARNING

- The specified jumper cables should be used.
- Never get close the battery when starting.
- Do not use cigarette lighters or allow open flame near the battery.

Jump-starting Procedures

1. Turn off all unnecessary electrical appliances. If booster battery is installed in another vehicle, make sure no contact between vehicles;
2. Connect cables in order shown in illustration below;



OMM31-6340

1. Connect positive (+) terminal of discharged battery to positive (+) terminal of supporting vehicle battery via positive cable.
2. Connect one end of negative cable to negative (-) terminal of supporting vehicle battery, and then connect the other end of the cable to unpainted metallic part of discharged engine to secure the jumper cable and avoid contacting the running components in engine compartment.
3. If engine in vehicle with booster battery is not running when jump-starting, start and run it for several minutes, put the shift lever to P position and depress the accelerator pedal slightly.
4. Disconnect cables in reverse order of connecting (negative cable first and then the positive cable).

CAUTION

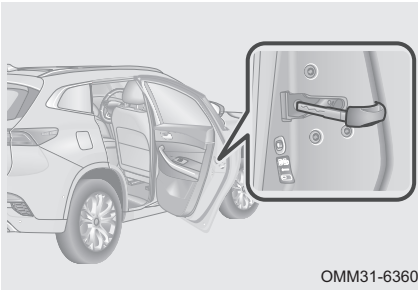
- Do not lean the battery when connecting.
- Never allow the clamps of the jumper cable to contact with each other or touch other metal parts of the vehicle.
- Do not connect cable to or near any part that moves when engine cranks.
- If the first starting attempt is not successful, check that if clamps on jumper cables are tight and restart the engine in normal way. If it cannot start still, please contact the Chery authorized service station for inspection and repair as soon as possible.

6.IN CASE OF AN EMERGENCY

6-9. Door Mechanical Switch

Mechanical Switch

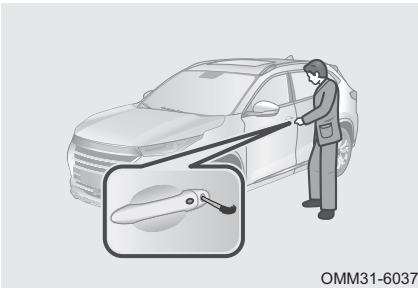
■ Locking front right door and rear doors manually



Vehicle can not be locked electrically when battery is depleted or under similar conditions, in this case, the doors can be locked with emergency locking function.

1. Open the door;
2. Insert a mechanical key into the mechanical switch hole from the door panel edge lock body, counterclockwise rotate to lock one-side door;
3. Pull the door handle to make sure the door is locked;
4. Lock other doors according to above steps if necessary (this function does not include the front left door).

■ Unlocking and locking driver's door manually



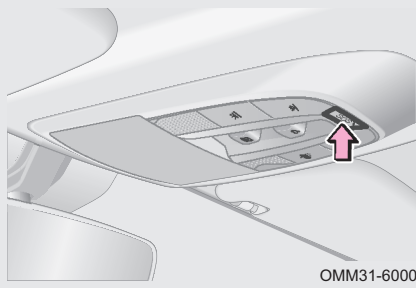
Insert the mechanical key into the front left door key hole, turn clockwise to lock the door, counterclockwise to unlock the door.

CAUTION

- If above problems occur, please contact the Chery authorized service station for inspection and repair as soon as possible.
- When locking the vehicle in emergency due to power off, please check if the doors are locked successfully one by one after locking. If unsuccessful, please contact the Chery authorized service station for inspection and repair as soon as possible.

6-10.ERA-GLONASS

ERA-GLONASS (If Equipped)



ERA-GLONASS is a kind of emergency call function. When vehicle is involved in a certain level of impact (airbag inflated) or when driver or passenger is in an emergency and rescue is required, emergency information can be sent to service center by operating button manually, then the center will track vehicle location and promptly offer rescue according to received information.

SERVICE FOR YOUR VEHICLE

- 7-1. Service Arrangements
 - Service Arrangements ...210
 - Service List210
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7.SERVICE FOR YOUR VEHICLE

7-1. Service Arrangements

Service Arrangements

When visiting Chery 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 provides informations for later troubleshooting.

Service List

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.

Service Requests

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.

7-2. If You Need Help

Service Satisfaction

Chery and its authorized service stations are committed to your satisfaction with their products and services. Driving your Chery vehicle happily is important to us. If any complaint, please:

- Communicate with you service advisor at Chery authorized service station on your complaint to settle. Your advisor has professional knowledge to resolve your concerns quickly.
- In the event that you are still not satisfied, have the service manager handle with that.
- If your complaint cannot be resolved at the station, please contact the after-sales service department of Chery international.

7-3. Service of Chery Authorized Service Station

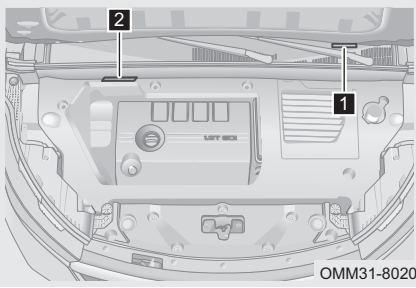
Only OEM parts and materials can extend your vehicle's service life. Chery Automobile Co., Ltd. only supplies OEM parts to Chery authorized service station located worldwide. Therefore, only OEM parts of Chery authorized service station can be used.

Chery authorized service station is service professionals and is exclusively authorized by Chery Automobile Co., Ltd. For vehicle service, please remember that your authorized service station knows your vehicle best, and has the professional technicians and OEM parts to satisfy your needs.

7-4. Communicate Information

Information sent to the After-Sales Service Department of Chery International should include the followings:

- Owner's name and address
- Owner's telephone number
- Owner's e-mail
- Service station name of sale and service
- Vehicle Identification Number (VIN)
- Vehicle identification number location on real-vehicle



1 Vehicle identification number is located on upper left of driver side instrument panel, and can be seen from the outside through the windshield.

2 Vehicle identification number is stamped on right lower of engine compartment drip channel garnish.

⚠ CAUTION

Do not cover, paint, weld, cut, drill or remove Vehicle Identification Number (VIN) and areas around it.

- Vehicle delivery date and current odometer reading
- Vehicle service record
- An accurate description of the malfunction and the conditions under which it occurs

MAINTENANCE

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8.MAINTENANCE

8-1. Repair and Maintenance

Repair and Maintenance

The service interval for scheduled maintenance is determined by the total odometer reading or maintenance time, whichever comes first. For details, please refer to the maintenance manual.

CAUTION

Failure to perform the required maintenance items may cause damage to the vehicle.

■ Daily check

- Check the operation of all the exterior and interior lights. Replace any bulbs that are inoperative or dim, and check that all the lampshades are clean.
- Visually check for proper tire pressure and tire wear or damage.

■ Monthly check

- Warm up the engine fully and wait for 5 minutes. Then turn it off and check the engine oil level. Checking the oil level while the vehicle is on a level ground will help to improve the accuracy of oil level reading. Add engine oil if level is below "MIN" mark.
- Check the battery. Clean and tighten the battery terminals if necessary.
- Check the levels of coolant, steering fluid (if equipped), washer fluid and brake fluid, and add if necessary.
- Check all the electrical appliances for proper operation.

■ Quarterly check

- Check the exhaust system.
- Check the brake line and hoses.
- Check the suspension components.
- Check the coolant level, hoses, and clamps.

8-2. Scheduled Maintenance

Scheduled Maintenance

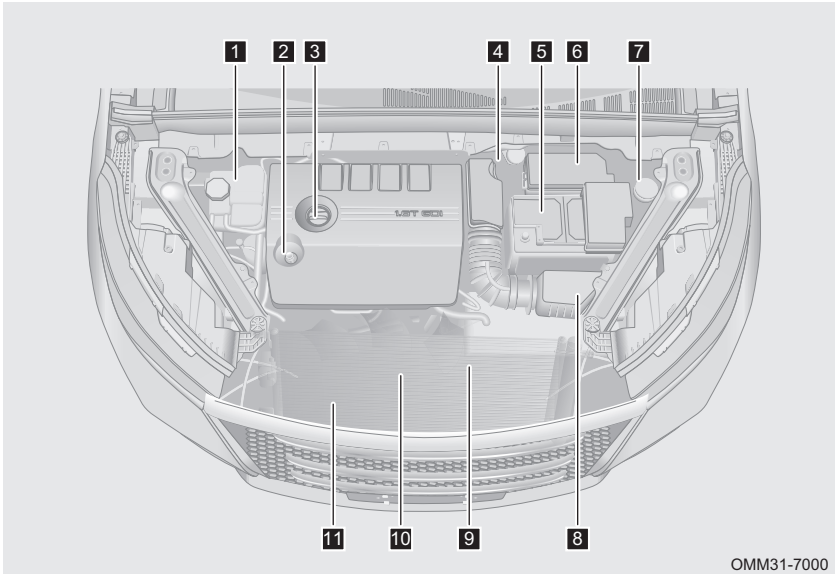
Be sure to follow the correct maintenance procedures given in this section if you do-it-yourself maintenance.

This section only lists the simpler maintenance instructions that users can perform by themselves, but there are still many items that must be maintained by qualified technicians with special tools.

CAUTION

- Do not fill excessive engine oil as this may cause engine failure.
- Do not drive with the air filter removed, or excessive engine wear could occur.
- Check if the tools, cotton, etc. are left in the cabin before closing the engine hood.
- Correctly add coolant, brake fluid, washer 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.

Engine Compartment Overview



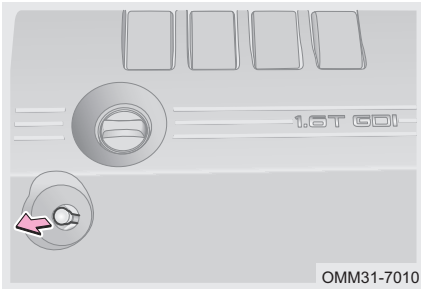
OMM31-7000

8.MAINTENANCE

- | | | |
|--------------------------------|--|--------------------------|
| 1 Coolant reservoir | 5 Battery | 8 Air filter case |
| 2 Engine oil dipstick | 6 Engine compartment fuse and relay box | 9 Cooling fan |
| 3 Engine oil filler cap | 7 Washer fluid reservoir | 10 Radiator |
| 4 Brake fluid reservoir | 11 Condenser | |

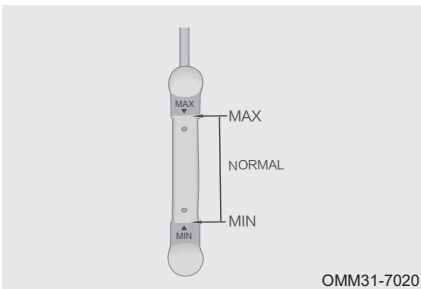
Checking Engine Oil Level

With the engine stalling and cooled down, check the oil level with the dipstick.



1. Warm up the engine and then stop the vehicle on a level ground. Wait about 5 minutes after turning off engine.
2. Open the engine hood, pull the dipstick out and wipe it with a clean cloth.
3. Insert the dipstick to the bottom uniformly and slowly.

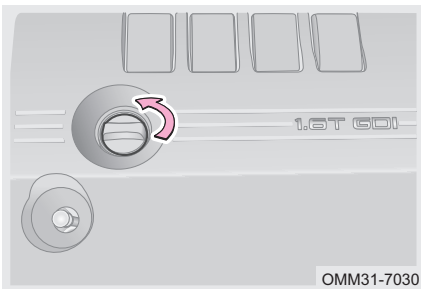
4. Leave the vehicle as is for approximately 3 seconds, pull the dipstick out again and check if oil level is proper.
5. Repeat above steps 3 times to improve the accuracy of inspection.



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.

■ Add engine oil



1. Turn the engine oil filler cap counterclockwise to open it.
2. Use the funnel to add a proper amount of engine oil and check the oil level with a dipstick again.
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 the household rubbish and sewer or on the ground. Otherwise, it will cause serious environmental pollution. Please handle it according to the local regulations regarding to environmental protection.



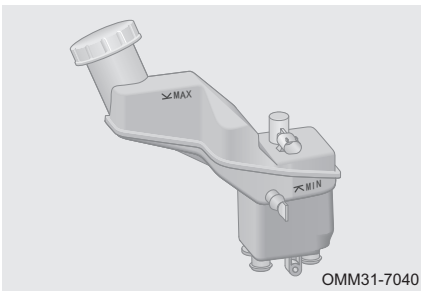
CAUTION

- Do not overfill oil, or it may cause damage to engine.
- If the engine oil is replaced, the oil filter must be replaced.
- Only use the engine oil recommended by Chery. For detailed information about engine oil capacity and type, please refer to "9-2. Vehicle Specifications".
- The engine oil filler cap cannot be inverted after removal, to prevent misjudgment caused by oil backflow 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.
- If oil is accidentally spilled on the surface of the engine during refueling, clean the spilled oil with canvas and other tools before tightening the engine oil filler cap.

Checking Transmission Fluid Level

Checking, adding and replacing of transmission fluid should be done by professionals, please contact the Chery authorized service.

Checking Brake Fluid Level



Brake fluid level should be between the "MIN" and "MAX" marks. If the level reaches the "MIN" mark or below, add brake fluid and contact the Chery authorized service for inspection and repair immediately.

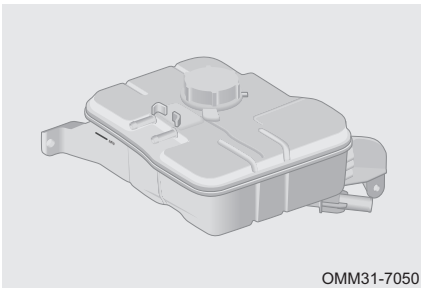
CAUTION

- 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.
- As the brake fluid has high water absorbability, do not leave the brake fluid reservoir cap open for a long period of time.
- Only brake fluid recommended by Chery can be used. Otherwise, all the direct or indirect loss incurred are at user's own risk.

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



When engine is cold, the coolant level should be between the "MAX" and "MIN" marks. If the level reaches the "MIN" mark or below, add coolant and contact the Chery authorized service for inspection and repair immediately.

■ Adding coolant

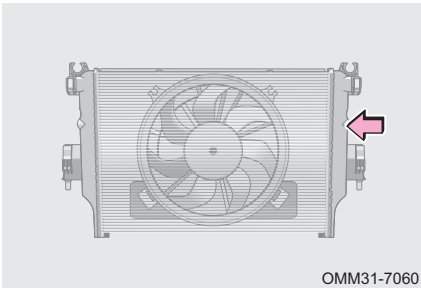
1. When the engine is cold, open the coolant reservoir cap, and add coolant until reaching "MAX" mark.
2. Start and run the engine to a normal temperature. Observe the coolant level in the reservoir all the time, if the level falls below "MIN" mark, add coolant to an appropriate level until the coolant level does not fall down again.
3. Turn off engine and check if coolant level is correct after engine cools down. If not, repeat above operations until level is normal.
4. Install the coolant reservoir cap securely.

⚠ CAUTION

- If coolant level falls down too fast, check radiator, hose and water pump for leakage.
- Do not use coolant with poor quality, because the engine becomes excessively hot as running and inferior coolant cannot provide sufficient cooling and corrosion protection.
- Only brake fluid recommended by Chery can be used. Otherwise, all the direct or indirect loss incurred are at user's own risk.

⚠ WARNING

- 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 and consult a doctor immediately.
- When engine is hot, the cooling system will be under high pressure. In this case, do not open the coolant radiator cap, otherwise, the escaping steam may cause scalding injury.

Checking Radiator and Condenser

After the vehicle runs for a period of time, the front surface of condenser and radiator could be blocked with some insects, leaves and other objects, which could affect the performance of air conditioning and cooling system, resulting in air conditioning operating improperly and cooling system overheating. It is necessary to clean radiator and condenser at the time.

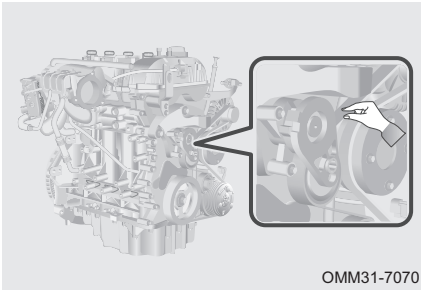
Radiator: It is recommended to clean the radiator surface every year. With engine turned off and cooled down, use compressed air or water to clean the radiator fins and blow off the insects and leaves, etc. Air and water pressure should not exceed 150 kPa. Otherwise, the radiator fins could be damaged.

Condenser: Clean the condenser by blowing air from rear to front through the radiator when the engine is turned off and cools down.

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 the radiator only when the engine is turned off and cools down.

Checking Drive Belt



Drive belt will be extended after using a period of time, and the belt tension is not enough, which may damage the vehicle, so it is necessary to regularly check the belt tension.

The drive belt is recommended to be checked every 3 years or 60000 km and it should be replaced by professionals, please contact the Chery authorized service.

Checking drive belt tension:

1. Turn off engine start stop switch;
2. Twist the belt with your fingers to check the rotation angle of belt;
3. If rotation angle is more than 90°, please go to the Chery authorized service for inspection and repair.

WARNING

When checking the drive belt tension, turn off the engine and cool it down to ensure that the engine belt is static.

Checking Tire Inflation Pressure

冷态时轮胎充气压力
Cold tire inflation pressure

bar/psi
● 2.5/36

225/65 R17	半载 Curb Vehicle Weight	2.2/32	2.2/32
	满载 Gross Vehicle Weight	2.6/37	2.6/40
225/60 R18	半载 Curb Vehicle Weight	2.3/33	2.3/33
	满载 Gross Vehicle Weight	2.6/37	2.6/40
225/55 R19	半载 Curb Vehicle Weight	2.3/33	2.3/33
	满载 Gross Vehicle Weight	2.6/37	2.6/40
T145/80 R18	FOR USE AS TEMPORARY SPARE WHEEL ONLY 4.2/61 仅用临时备胎 80kph max		

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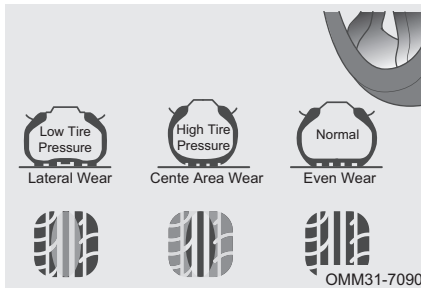
You should check the tire inflation pressure at least once a month (spare tire included) and correct the pressure as required.

For provisions about the tire inflation pressure, please refer to the tire pressure label on driver side B pillar (subject to actual vehicle) for details.

Incorrect tire inflation pressure will lead to excessive fuel consumption, shorten the tire service life and reduce the vehicle stability. Therefore, you should drive the vehicle with proper tire pressure.

WARNING

Be sure to keep proper tire inflation pressure. Otherwise, the following conditions may occur and result in an accident, causing death or serious injury.



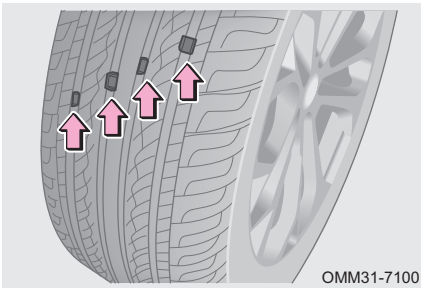
- Excessive wear;
- Uneven wear;
- Poor handling;
- Possibility of blowouts resulting from overheated tires;
- Poor sealing of the tire bead;
- Wheel deformation or tire separation;
- A greater possibility of tire damage caused by poor road conditions.

CAUTION

- Tire pressure monitoring system (if equipped) can monitor tire pressure in real time (For details, please refer to "4-8. Tire Pressure Monitoring System (TPMS)").
- Use a tire pressure gauge to check cold tire inflation pressure. Visual inspection of a tire may cause inaccurate estimation on inflation pressure.
- It is normal that the tire inflation pressure increases after driving for a period of time.
- Be sure to install tire valve caps properly. Otherwise, dirt could get into the valve core and cause blockage. If the caps are lost, install new ones immediately.
- If the tire needs to be inflated frequently, please contact the Chery authorized service for inspection and repair as soon as possible.

Checking Tires

Check if there are any cuts, foreign matters and uneven wear on tire tread.



Check the tire tread for tread wear mark. When tread wear reaches its limit, tread will be in the same plane as the wear band. If such condition occurs, it indicates that performance and safety of tire seriously decrease, and replacement is necessary.

If a tire often leaks or cannot be properly repaired due to a cut or other damages, it should be replaced.

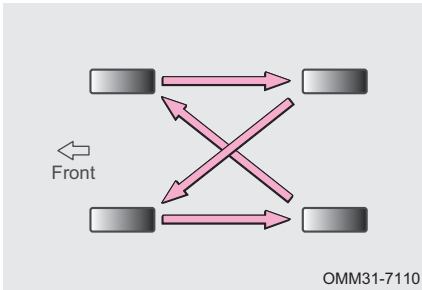
ENVIRONMENTAL PROTECTION

Please never discard a disposed tire carelessly. It should be handled according to the local regulations regarding to environmental protection.

CAUTION

If air leakage occurs while driving, do not continue to drive. Driving even a short distance can damage a tire beyond repair.

Tire Rotation



To equalize tire wear and extend tire service life, Chery recommends that you should rotate your tires approximately every 20000 km (The tire rotation cycle may vary according to your driving habits and road surface conditions).



READ

Tire rotation should be done by professionals, please contact the Chery authorized service.

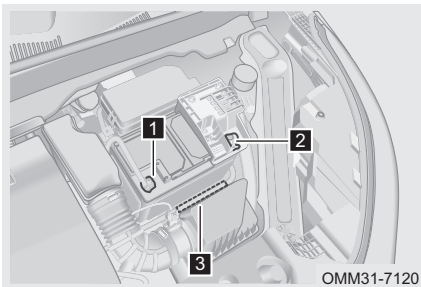


WARNING

Observe the following precautions. Failure to do so may affect handling performance, which may lead to an accident, resulting in death or serious injury:

- Speedometer affects by tire size. If the tire 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;
- Do not mix tires with different manufacturers, models or tread patterns;
- Do not mix tires with remarkably different tread wear;
- Do not mix differently constructed tires (radial, bias-belted or bias-ply tires);
- Do not use tires that were used on another vehicle;
- Do not use tires if you do not know how they were used previously.

Checking Battery



1 Battery negative terminal

2 Battery positive terminal

3 Hold-down clamp

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 a maintenance-free battery. The new battery should have the same specifications with the genuine one. We recommend

8.MAINTENANCE

that you should go to the Chery authorized service for battery replacement.

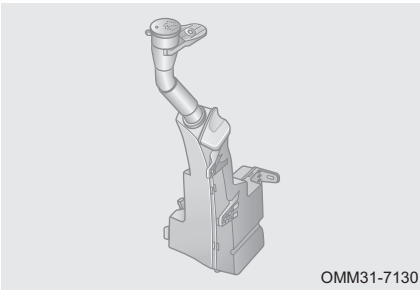
CAUTION

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.

Checking Generator

Driving for a long period may cause the tightening torque of generator terminal nut to decrease. To ensure the normal operation of generator, please go to the Chery authorized service for inspection and tightening every 10,000 km after the first 20,000 km.

Adding Windshield Washer Fluid

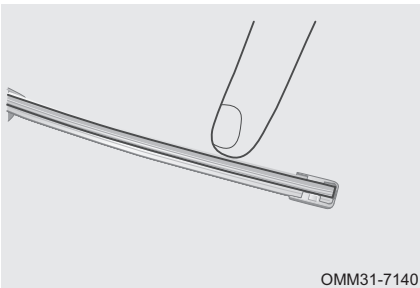


If no washer fluid can be sprayed from washer nozzles, stop operating washers and check if it is necessary to add washer fluid. If it cannot operate properly after adding washer fluid, please contact the Chery authorized service for inspection and repair.

CAUTION

- Never add antifreeze in the windshield washer fluid, because antifreeze will damage the paint.
- Do not use plain water as washer fluid when temperature is below freezing point. Otherwise, water will be frozen, causing damage to washer.

Checking Wiper Blades



Check the roughness of wiper blade on its end using your finger. Wiper blade will not work effectively, if it is too rough.

 CAUTION

- In winter, make sure that the wipers are not frozen to the glass before operating them to avoid damaging the wiper blades.
- Do not use the wiper blades to remove frost or ice covered on the windshield.
- Butter, silicone and fuel may cause the wiper blades to operate improperly, and it is recommended to clean the wiper blades with glass washer fluid.
- When the blades are lifted for maintenance, the center connector position of the blades should be properly picked up.
- When there are pits on the windshield that struck by gravel, please maintain it timely.

■ Maintaining wiper blades

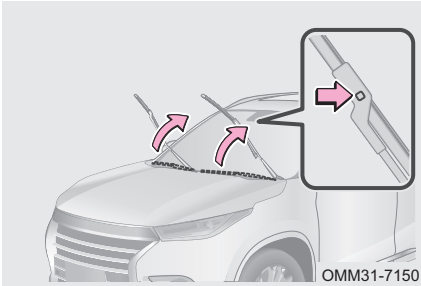
- Do not use high-pressure water jet to directly wash the wiper blades while washing the vehicle, or the wiper blades could be deformed.
- In order to prevent the formation of schlieren, it is recommended to clean wiper blades using glass detergent regularly once a week.
- After washing the vehicle in the automatic car washer, apply pure water to rinse the windshield and blades, to remove the remaining wax layer.
- For safety, it is recommended to replace the wiper blades 1 to 2 times a year, the wiper blades can be purchased at Chery authorized service.
- 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.
- 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 on time, 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. Failure to do so may cause damage to the wiper motor and wiper blades. Unfreezing method: Use air conditioning heating and ventilation device to heat. Do not pour hot water directly to blades, otherwise windshield may break or wiper blades may deform.

Replacing Wiper Blades

■ Replacing front wiper blades



1. Lift the front wiper arm;
2. Pull up wiper blades while pressing the lock button, so as to remove the blades;
3. Install the new wiper blades in reverse order, and make sure the hold-down clamp is locked firmly;
4. Check that front wipers work properly.



READ

The replacement of rear wiper blades should be performed by professionals, please contact the Chery authorized service.

Checking and Replacing 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.

It is recommended to check air conditioning filter every 3 months or 5000 km at Chery authorized service, and replace it if necessary.

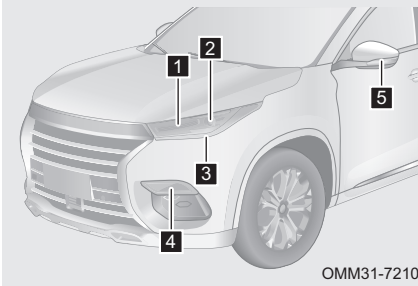


READ

- Do not wash the air conditioning filter with water.
- The replacement of air conditioning filter should be performed by professionals, please contact the Chery authorized service.
- Using air conditioning with filter removed may result in degradation of dustproof performance, affecting efficiency of air conditioning.

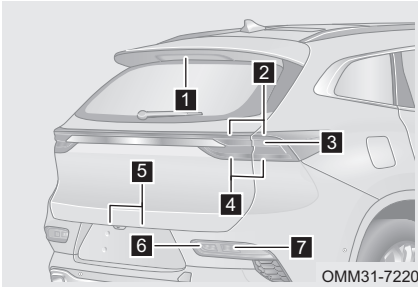
Replacing Light Bulbs

■ Front bulb locations



- 1 Turn signal lights
- 2 High/Low beam lights
- 3 Daytime running lights
- 4 Front fog light
- 5 Side turn signal lights

■ Rear bulb locations



- 1 High mounted stoplights
- 2 Position lights
- 3 Turn signal lights
- 4 Stop Lights
- 5 License plate lights
- 6 Back-up lights
- 7 Rear fog lights



READ

- Please use the light bulbs type recommended by Chery.
- The replacement of light bulbs should be performed by professionals, please contact the Chery authorized service.



WARNING

To prevent burns to yourself, do not replace the bulbs when they are hot.

8.MAINTENANCE

■ Light bulb model

Light Bulb Name	Nominal Voltage (V)	Nominal Light Source (Type/ Model)	Replacement Advice
Headlights	12 V	HB3/LED	Replaced by authorized service station
Front fog light	12 V	H8	Replaced by authorized service station
Rear fog light	12 V	P21W	Replaced by authorized service station
Front position light	12 V	LED	Replaced by authorized service station
Rear position light	12 V	LED/WY16W	Replaced by authorized service station
Stop light	12 V	LED	Replaced by authorized service station
High mounted stoplight	12 V	LED	Replaced by authorized service station
Back-up light	12 V	P21W	Replaced by authorized service station
Front turn signal light	12 V	PY21W/LED	Replaced by authorized service station
Rear turn signal light	12 V	WY16W	Replaced by authorized service station
License plate light	12 V	C5W	Replaced by authorized service station

Headlight Leveling Adjustment

It is directly related to driving safety if adjustment of headlight beam is correct. Therefore, it is only allowed to adjust light beam by using special instrument, please pay attention to legal rules. Always adjust headlight beam at the Chery authorized service.

8-3. Cleaning and Maintaining Vehicle

Exterior Maintenance

■ Basic precautions for maintaining exterior

When using any chemical detergent or glazing agent, please read all warnings and precautions on the label first. Be sure to follow the instructions on the label.

■ Exterior washing

Washing materials should not be discarded to household waste. Please use local designated waste disposal facilities.

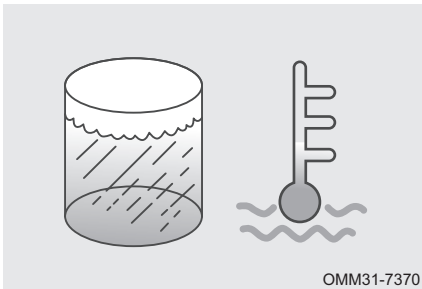
ENVIRONMENTAL PROTECTION

- Use a car wash area with no damage to the ecological drainage system.
- The most important factor in protecting paint surface is to use plain water.

CAUTION

- Do not use strong soaps, chemical cleaners or hot water, or wash the vehicle in direct sunlight or when the body is hot.
- Pay attention when washing the vehicle side windows. Especially when washing with high pressure water, it will permeate through the door windows, and the interior will be wet.
- To avoid damage to plastic components, do not use chemical solvents or strong detergent to clean plastic components.

■ Washing water



Only cold or lukewarm water can be used to wash vehicle.

8.MAINTENANCE

■ Brushless washing

The best way to wash vehicle is brushless washing. In high pressure water operated car wash, the strong water flow may be sprayed into the vehicle.

■ Manual washing

If washing liquid is used, rinse the vehicle with large amount of plain water, and wipe it with a dry cloth.



CAUTION

After washing the vehicle, depress the brake pedal for several times during driving to clear up the water in the brake disc.

■ High pressure washing

When washing the vehicle with a high pressure cleaner, be sure to follow the instructions provided by the manufacturer of the high pressure cleaner, paying particular attention to the working pressure and washing distance. It is strictly forbidden to use a high pressure washer or a rotary nozzle to directly spray rubber and plastic strips, such as door window weatherstrip.

■ Cleaning headlights

To avoid damaging the headlight plastic lens, do not use invasive abrasives or chemical solvents. Do not wipe the light when it is dry, and avoid cleaning the lens with sharp objects. Do not use a high pressure water gun to wash rear part of headlights to prevent the lights from entering water.

■ Cleaning rear windshield

When cleaning rear windshield glass, only use a soft cloth for wiping to avoid damaging heated component. Do not clean the inside of rear windshield glass with solvents or sharp objects.

■ Cleaning wheels

Cleaning of the wheels should be performed according to mileage. It is recommended to clean the wheels once a week to avoid dust retention during braking. Use wheel cleaner, warm water and a soft sponge to clean the wheels. Never use abrasive materials to avoid damage to the tire surface and rims.

■ Cleaning products

For best results, use car care products properly.

■ Paint surface waxing

Do not allow water bead on the paint surface when waxing, and use high quality liquid or paste wax and follow the instructions from manufacturer. All metal strips should be waxed to maintain their brightness. Removal of oil, tar, etc. with stain remover will damage the wax layer. It is necessary to apply wax again on these areas.

⚠ CAUTION

- Wiping off dust or dirt from body with a dry cloth can damage the paint surface.
- Do not use steel wool, scrubbing agents or strong detergents containing high alkali or corrosive agents to clean chrome-plated or anodized aluminum components, otherwise, it may cause damage to protective layer and discoloration or deterioration to the paint surface.

■ Stripping treatment

For paint surface damage or slight abrasions caused by road gravels, please go to the Chery authorized service for treatment.

⚠ CAUTION

To protect the durability of painted surface, timely remove the things that are harmful to the paint surface, such as birds droppings, resin, insect residue, oil stains, road snow removal salt and industrial float, etc.

Glossy Metal Maintenance

- Use tar remover to remove road tar and insects, etc. Do not use scrapers or sharp objects.
- Apply a layer of wax or chrome-plated protective agent and polish it to protect the surface of glossy metal from corrosion.
- In cold weather or coastal areas, apply a thicker wax or protective agent to the glossy metal components. If necessary, apply non-corrosive petrolatum or other protective agents.

Alloy Wheel Maintenance

Alloy wheels need regular maintenance to maintain aesthetics. In particular, it is necessary to periodically remove the anti-slip salt and brake wear debris on the wheels. The alloy wheels must be cleaned with acid-free cleaner, otherwise the surface smoothness will be affected. Do not handle the wheels with vehicle polish or other abrasives. If the surface of alloy wheel is damaged (such as stone strike), the damaged area must be repaired in time.

Every two weeks:

- Clean the anti-slip salt and brake wear debris on alloy wheels.
- Clean the wheel with an acid-free cleaner.

Every three months:

- Apply hard wax to the wheels.

8.MAINTENANCE

Vehicle Bottom Maintenance

- It is used to remove snow and corrosive substances that adhere to the bottom of the vehicle. If these substances are not removed in time, the rust on vehicle bottom components such as fuel line, frame, floor and exhaust system will be accelerated even if rust-proofing has been done.
- Wash the bottom of vehicle and the inside of wheel house at least once a month with warm or cold water, especially in the field and at the end of each winter, pay special attention to these places, because the mud and dirt in these places are not easy to see. Only splashing the dust with water cannot remove them completely, which may cause greater danger. The lower edge of door, the lower part of front windshield and the frame all have drain holes, which should be unobstructed without any blockage. If water is accumulated in these areas, rust may occur.

Rusty Prevention

■ Keeping the vehicle clean

- The best way to prevent rust is to keep the vehicle clean and remove the materials that may cause rust to vehicle. It is important to pay special attention to the bottom of vehicle.
- If the area you live in is easy to produce rusting materials, such as salt roads, offshore, industrial pollution areas, acid rain area, etc., you need to strengthen the rust prevention measures. In winter, clean the bottom of the vehicle at least once a month, and always clean up the bottom of the vehicle after winter.
- When cleaning the bottom of vehicle, pay special attention to the components at the bottom of fender and other parts that are difficult to access. Only wetting the dust without thoroughly washing will accelerate the rust rather than prevent rust, which cannot thoroughly remove the materials. High pressure water and steam are particularly effective in removing dust and rust.
- When cleaning the lower part of door, the lower part of front windshield and the frame member, the drain hole should be kept clear to facilitate the draining of water and moisture without leaving inside to accelerate rust.

■ Keeping the garage dry

Never park the vehicle in a damp, poorly-ventilated garage where can provide an advantage for rusting the vehicle.

■ Keep the paint surface and garnishes in good condition

- Scratches or bumps should be covered immediately with scratch repair paint to reduce the possibility of rust. If the metal is exposed, it is recommended to repair at Chery authorized service.

- Bird dropping: Bird droppings are highly corrosive substances, which can damage the paint surface within a few hours. Remove it as soon as possible.
- To prevent neglecting the interior
- Moisture may accumulate under the floor mat and under the carpet, causing corrosion. Check the condition under floor mat regularly to ensure that the carpet is dry.
- Take special care when transporting fertilizer, cleaning materials or chemicals by vehicle. Please use appropriate containers to transport these items. If these items are spilled or leaked, clean and rinse with plain water, and dry thoroughly.

Interior Maintenance

- Basic precautions for interior maintenance

Prevent corrosive solutions such as perfume, glue or make-up oil from coming into contact with the instrument panel, which can cause damage or fading to the interior. If they come into contact with the instrument panel, remove them immediately.



CAUTION

When cleaning leather products (such as steering wheel, seat, etc.), use a neutral detergent or a solution with low alcohol content. If a solution with high alcohol content or an acid/alkaline cleaner is used, the leather may be discolored or peeled.



WARNING

Never allow water or other liquids to come into contact with electrical connectors or electronic components inside the vehicle, as this may damage electrical or electronic components.

Cleaning Interior Decoration and Interior Trim

- Plastic products

Use a dust brush or vacuum cleaner to remove dust and loose dirt from plastic products, and clean the surface of plastic products with a plastic cleaner.

- Fiber part

Use a small duster or vacuum cleaner to remove dust and loose dirt from the fiber cloth, then use a neutral soap solution to clean the interior decoration or carpet. If new stains are found, immediately remove them with fiber stain cleaner. Otherwise, it may cause dirt to intrude into the fiber and affect its color. If the fiber material is not properly maintained, the fire resistance will reduce.



WARNING

Improper handling can affect the appearance, color and fire resistance of the fiber.

■ Cleaning seat belt

Use a neutral soap solution to clean the seat belt. Please follow the instructions from manufacturer. Do not bleach or stain the seat belt as it will weaken the seat belt performance.

■ Cleaning the interior of door window glass

If the inside surface of vehicle glass is blurred (ie, covered in oil, grease or wax film), it should be cleaned with a glass detergent. Observe the instructions on glass detergent container.

SPECIFICATIONS

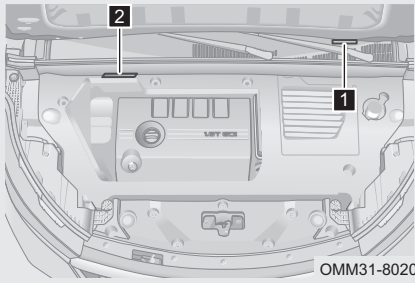
9-1. Vehicle Identification	
Number (VIN)	
Vehicle Identification	
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9.SPECIFICATIONS

9-1. Vehicle Identification Number (VIN)

Vehicle Identification Number (VIN)

■ Vehicle identification number on actual vehicle



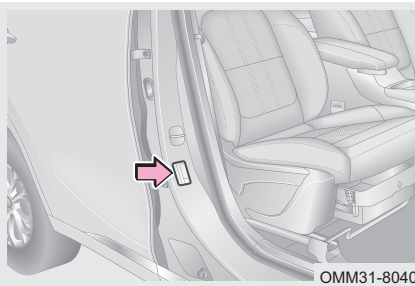
1 VIN is located on upper left of driver side instrument panel, and can be seen from the outside through the windshield.

2 VIN is stamped on right of engine compartment drip channel garnish.

READ

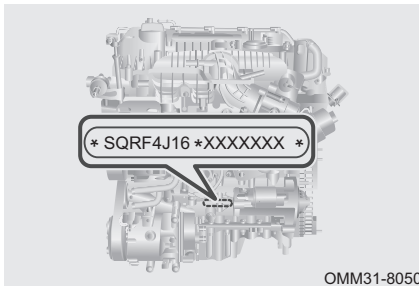
- It is forbidden to cover, paint, weld, cut, drill or remove Vehicle Identification Number (VIN) and areas around it.
- If VIN needs to be read, it is recommended to read the data through the operation of Chery authorized service station professional serviceman.
- Due to regional differences, the location of VIN code shall be subject to the actual vehicle.

■ Vehicle data plate



Vehicle data plate is fixed on right quarter outer panel.

■ Main part number



Engine number is located on engine block as shown in the illustration.

9-2. Vehicle Specifications

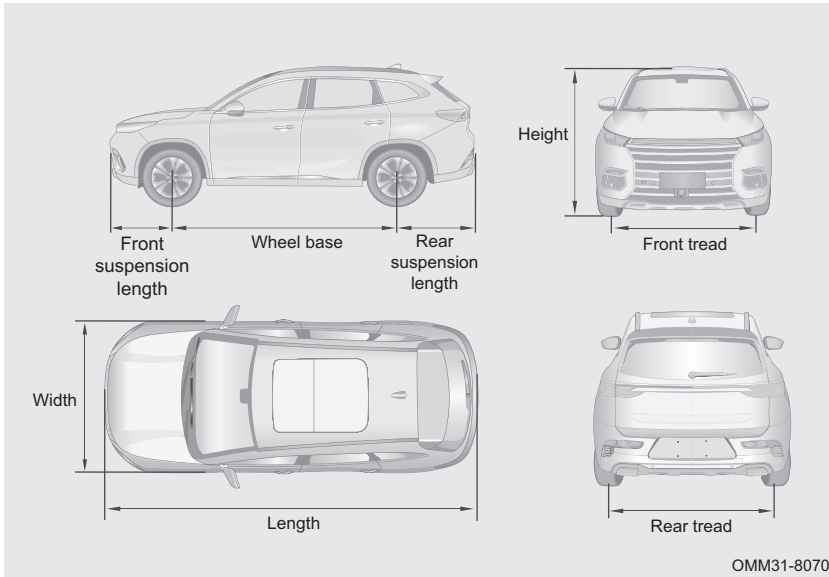
Vehicle Model and Type

Vehicle model and type are as shown in following table:

Vehicle Model	SQR6480M32TC9	SQR6480M32TT9
Vehicle Type	4 × 4 four-wheel drive, front-wheel steering, transverse front-engine, two-box, five-door, five-seat, integral body, left-hand drive	4 × 2 front-wheel drive, front-wheel steering, transverse front-engine, two-box, five-door, five-seat, integral body, left-hand drive
Engine Model	SQRF4J16	
Engine Type	Vertical, 4-cylinder in-line, water-cooled, 4-stroke, double overhead camshaft, turbocharging, intercooler	
Fuel Supply Type	Direct injection	
Transmission Model	730DHC	730DHB

9.SPECIFICATIONS

Vehicle Dimensions



Major dimension parameters for vehicle are as shown in following table:

Vehicle Model		SQR6480M32TC9/SQR6480M32TT9
Overall Size	Length (mm)	4775
	Width (mm)	1885
	Height (mm)	1706
Wheel Base (mm)		2800
Tread	Front (mm)	1616
	Rear (mm)	1593
Overhang	Front (mm)	934
	Rear (mm)	1041

Vehicle Weight

Curb weight refers to the weight that the vehicle can travel, it contains coolant, grease, fuel tank filled to 90%, tools, spare wheels. The effective load is the total weight minus the curb weight, and the optional and subsequent additional equipment will reduce the effective load.

Weight parameters and seating capacity for vehicle are as shown in following table:

Items		Parameters	
Vehicle Model		SQR6480M32TC9	SQR6480M32TT9
Vehicle Curb Weight (kg)		1688	1600
Vehicle Curb Axle Weight	Front Axle (kg)	978	928
	Rear Axle (kg)	710	672
Manufacturer Maximum Loaded Weight (Including Passengers) (kg)		400	480
Manufacturer Maximum Total Weight (kg)		2088	2080
Manufacturer Maximum Total Axle Weight	Front Axle (kg)	1017	1014
	Rear Axle (kg)	1071	1066
Seating Capacity (Including Driver) (Person)		5	



WARNING

Please follow the vehicle load (if applicable) 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 accident.

9.SPECIFICATIONS

Vehicle Performance

Major performance indexes parameters for vehicle are as shown in following table:

Items		Parameters	
Vehicle Model		SQR6480 M32TC9	SQR6480 M32TT9
Passing Performance	Minimum Ground Clearance Unladen (mm)	178	
	Minimum Turning Diameter (m)	Left Turn (m)	11.8
		Right Turn (m)	11.8
	Approach Angle (°)	18 (Unladen)	
	Departure Angle (°)	20 (Unladen)	
Power Performance	Maximum Vehicle Speed (km/h)	185	187
	Maximum Gradeability (%)	≥ 47	46

Engine Performance

Performance indexes (parameters) for engine are as shown in following table:

Engine Model	SQRF4J16
Cylinder Bore Diameter (mm)	77
Piston Stroke (mm)	85.8
Displacement (mL)	1598
Compression Ratio	9.9
Power Rating (kw)	145
Rated Power Speed (r/min)	5500
Maximum Torque (N·m)	290
Maximum Torque Speed (r/min)	2000-4000
Minimum Fuel Efficiency (g/kw·h)	235

Transmission Performance

Performance indexes parameters for transmission are as shown in following table:

Transmission Type		730DHC	730DHB
Gear Range	1st Gear	4462	4462
	2nd Gear	2824	2824
	3rd Gear	1594	1594
	4th Gear	1114	1114
	5th Gear	851	851
	6th Gear	771	771
	7th Gear	638	638
	Reverse Gear	3869	3869
	Final Reduction Gear Ratio 1	3789	3789
	Final Reduction Gear Ratio 2	4235	4235

9.SPECIFICATIONS

Fuel System

Fuel system parameters are as shown in following table:

Engine Model	SQR4J16	
Fuel Type*1		Unleaded gasoline with an octane number of 91 or higher
		Unleaded gasoline with an octane number of 92 or higher
		Unleaded gasoline with an octane number of 95 or higher (Unleaded super gasoline)
		E22-E100
Fuel Tank	Type	Plastic fuel tank
	Capacity	55 L
Fuel Pump	Electric fuel pump	

*1: Please use the fuel recommended by Chery authorized dealers.



READ

- Only use fuel with grade (or higher) described in the chart.
- Vehicle with catalytic converters can only use unleaded gasoline. In order to avoid the accident of filling wrong oil, 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

- Using lower grade fuel will cause damage to engine.
- When open the fuel tank cap, you may hear a click, which is a normal pressure relief phenomenon.
- Only use unleaded gasoline. Using leaded gasoline will cause three-way catalytic converter to lose its effectiveness and exhaust system to function improperly.



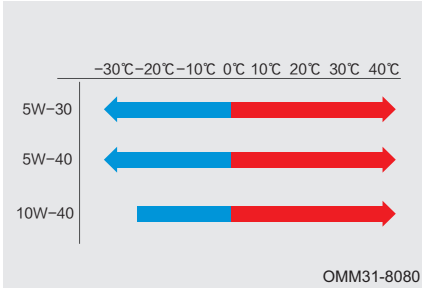
WARNING

- Gasoline numbers lower than specified may not be used, as this will cause damage to the engine and such damage is not covered under warranty.
- 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. So, if you accidentally fill leaded gasoline, please contact the Chery authorized service station immediately.

Lubrication System

Lubrication system parameters are as shown in following table:

Engine Model	SQRF4J16
Oil Filling Amount: (Also replace the oil filter and lubricating oil)	4.3 ± 0.2 L
Oil Grade	SM SAE-5W-30



According to the requirements of ambient temperature in your area, select the oil with corresponding quality level in combination with the viscosity grade of oil on the table above.

Oil Grade Specifications	Oil Grade Definition
SM	Quality grade of oil
SAE	English abbreviation for American Society of Automotive Engineers
5W	The lower the viscosity at low temperature, the stronger the ability to adapt to the cold, and the better the low temperature start-up performance.
30	The higher the index of high temperature resistance, the higher the viscosity, suitable for high speed operation of the engine.

According to the requirements of the ambient temperature in your area, select the oil of the corresponding quality level in combination with the table above.

When the ambient temperature is extremely low, if the engine oil of SM SAE-10W-40 is used, the engine may be difficult to start. Therefore, it is recommended to use SM SAE-5W-30 or oil with lower viscosity grade. The SM SAE-5W-30 oil is recommended from the viewpoint of oil consumption.

When purchasing engine oil, be sure to verify that the purchased oil meets the engine oil standard and is approved by the company.

9.SPECIFICATIONS

CAUTION

- Please use engine oil that meets specifications and requirements as shown in above chart, or it will cause damage to engine.
- The oil level should be between the upper and lower marks on the bottom of oil dipstick when refilling the engine oil.
- The above filling amount is for reference only. The specific filling amount should be based on the actual vehicle measurement.
- Do not use engine oil that does not meet the above specifications and requirements, and additives and engine treatment agents that have not been verified by the company. Otherwise, the engine may be damaged. Such damage is not covered under warranty.
- The engine oil used on your vehicle must meet the engine oil specifications listed in the table above. Using other types of engine oil may damage the engine!

Cooling System

Cooling system parameters are as shown in following table:

Engine Model	SQRF4J16
Radiator Type	Brazed type radiator
Coolant	7.95 L

CAUTION

The above filling amount is for reference only. The specific filling amount should be based on the actual vehicle measurement.

Suspension System

Suspension system types are as shown in following table:

Vehicle Model	SQR6480M32TC9/SQR6480M32TT9
Front Suspension	Macpherson type independent suspension, w/ anti-roll stabilizer bar; cone coiled spring; double adjustable shock absorber
Rear Suspension	Multi-link type independent suspension, w/ anti-roll stabilizer bar; cone coiled spring; double adjustable shock absorber

Steering System

Steering system types are as shown in following table:

Vehicle Model		SQR6480M32TC9/ SQR6480M32TT9
Power Steering Type		Electric boost
Steering Wheel Diameter (mm)		380
Steering Gear Type		Mechanical steering gear
Steering Column Type		Electric power steering column
Steering Wheel Adjustable Range	Front-back (mm)	10/30
Wheel Limit Position	Number of Steering Wheel Left Turns	1.5
	Number of Steering Wheel Right Turns	1.5

Brake System

Brake system types are as shown in following table:

Vehicle Model		SQR6480M32TC9/ SQR6480M32TT9
Brake	Front Wheel	Disc brake
	Rear Wheel	Disc brake
Brake Booster		Vacuum booster
Parking Brake		Electric parking brake for rear wheel
Brake Fluid		Fluid type: DOT-4. Add fluid to level between "MAX" and "MIN" marks
Reasonable range of brake pedal free travel		< 25 mm
Reasonable range of use for brake friction pair		Minimum thickness of brake plate: Front 26 mm, rear 8 mm Minimum thickness of brake lining: 2 mm

9.SPECIFICATIONS

WARNING

- In the case of heavy load, the brake fluid should be replaced while the brake plates are being replaced.
- When adding brake fluid, make sure it is absolutely clean. If any dirt gets into the brake system, it may result in loss of braking performance.

Wheel Alignment

Wheel alignment parameters are as shown in following table:

Items		Parameters
Vehicle Model		SQR6480M32TC9/ SQR6480M32TT9
Front Wheel	Front Wheel Camber	$-30' \pm 30'$
	Kingpin Caster Angle	$6^{\circ}43' \pm 45'$
	Kingpin Inclination Angle	$13^{\circ}54' \pm 45'$
	Front Wheel Toe-in	$+8' \pm 6'$ (one side)
Rear Wheel	Rear Wheel Camber	$+10' \pm 6'$ (one side)
	Rear Wheel Toe-in	$-1^{\circ}11' \pm 30'$
Sideslip Value		0 ± 3 m/km

Wheel and Tire

Tire and rim models, tire inflation pressure, tightening torque of wheel bolts and dynamic balance are as shown in following table:

Vehicle Model	SQR6480M32TC9/ SQR6480M32TT9	
Tire Model	225/65R17, 225/60R18, 225/55R19	
Rim Model	17×7J, 18×7J, 19×7J	
Cold Tire Inflation Pressure (kPa) (Unladen)	Front Wheel	R17: 220, R18 & R19: 230
	Rear Wheel	R17: 220, R18 & R19: 230
	Spare Tire	420
Tightening Torque of Wheel Nuts	130 ± 10 N·m	
Wheel dynamic balance requirements for vehicle with a maximum design speed of more than 100 km/h	Residual unbalance of wheel tire assembly after leveling with balance block: Outside ≤ 10 g; inside ≤ 10 g	



READ

The pressure values listed in the table apply to cold tires. The pressure increases slightly when the tire is heated, but it is not necessary to lower the pressure.



CAUTION

- Tire pressure should be checked at least once a month, and tire 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 inflation pressure.

9.SPECIFICATIONS

Transmission/Transfer/Differential Oil

Transmission/transfer/differential oil capacity and types are as shown in following table:

Model		Oil Type	Total Capacity (Maintenance Oil Amount After Sale)
Transmission	730DHC	Pentosin FFL-7A	4.25 ± 0.2 L
	730DHB	Pentosin FFL-7A	4.25 ± 0.2 L
Transfer		Sinopec GL5 80W-90 gear oil	0.445 ± 0.03 L
Differential		Sinopec GL5 80W-90 gear oil	0.31 ± 0.03 L

CAUTION

Filling amount is equal to discharging amount when there is no oil leakage for automatic transmission, please contact Chery authorized service station for details.

Windshield Washer Fluid

Windshield washer fluid capacity and type are as shown in following table:

Name	Capacity
Windshield Washer Fluid	3.3 L

CAUTION

- The antifreeze will corrode the painted surface, so take care to prevent the wrong addition of antifreeze during the addition of the washer fluid.
- Do not mix water with the washer. Water may cause the solution to freeze and damage the wash tank and other parts of the washer system.

Battery

Battery model is as shown in following table:

Vehicle Model	SQR6480M32TC9/ SQR6480M32TT9
Battery Model	12 V, 70 Ah

First Maintenance Card

Maintenance card for the first 5,000 km (within 6 months after purchasing vehicle) (for general area)	
Date	
Mileage	
Using properties	
License plate number	
Owner information	
Name	
Address	
Telephone number	
Job	
E-Mail	
Delivery date	
License plate number	
Vehicle data	
Vehicle identification number (VIN)	
Engine number	
Transmission number	
Options	
Authorized service station seal	
Owner signature	

9.SPECIFICATIONS

Maintenance card for the first 5,000 km (within 6 months after purchasing vehicle) (for general area)						
Date						
Mileage						
Check Items	1	Check lubrication system, cooling system and fuel system for leakage.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	2	Replace engine oil and oil filter.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	3	Check transmission fluid level and color. Add if necessary.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	4	Check coolant level. Add coolant or adjust concentration if necessary.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	5	Check transmission for leakage.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	6	Check steering tie rod boot for damage.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	7	Check propeller shaft constant velocity universal joint boot for damage.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	8	Check brake fluid for leakage and brake pipes for damage.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	9	Check if brake sub cylinders work normally.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	10	Check if tire inflation pressure is as specified.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	11	Check belt tension of alternator and A/C compressor. Adjust tension if necessary.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	12	Check hood hinge and tab.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	13	Check A/C system for leakage.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	14	Check installation condition for steering universal joint boot and check for damage.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	15	Check if gears of transmission shift smoothly.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	16	Check coupling bolts between chassis and vehicle body for looseness.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	17	Check seat belts for correct operation.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	18	Check engine working condition, electronic injection parameters and emission while idling.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
	19	Check if mechanisms function properly by testing driving.	Y	<input type="checkbox"/>	N	<input type="checkbox"/>

Maintenance Schedule

The maintenance schedule lists the vehicle maintenance items that need to be performed. Please go to the Chery authorized service station for maintenance according to the mileage in the maintenance schedule.

For general area, maintenance interval is 10,000 km or 12 months (whichever comes first) after first maintenance is performed.

If you vehicles always used in severe driving conditions, you should follow the maintenance requirement each 5,000 km or 6 months (whichever comes first).

I: Inspect, adjust, clean or replace if necessary; R: Replace.

For severe driving conditions											
Maintenance Item	Months	6	12	18	24	30	36	42	48	54	60
	Km×1,000	5	10	15	20	25	30	35	40	45	50
For general driving conditions											
Maintenance Item	Months	12	24	36	48	60	72	84	96	108	120
	Km×1,000	10	20	30	40	50	60	70	80	90	100
Meter Indicating System		I	I	I	I	I	I	I	I	I	I
Video and Entertainment System		I	I	I	I	I	I	I	I	I	I
Diagnostic Tester Inspection		I	I	I	I	I	I	I	I	I	I
Front Wiper Blades		I	I	I	I	I	I	I	I	I	I
Rear Wiper Blades		I	I	I	I	I	I	I	I	I	I
Wiper System		I	I	I	I	I	I	I	I	I	I
Cooling Effect		I	I	I	I	I	I	I	I	I	I
Air Conditioning System		I	I	I	I	I	I	I	I	I	I
Air Conditioning Filter		I	I	I	I	I	I	I	I	I	I
Coolant Level		I	I	I	I	I	I	I	I	I	I
Freezing Point of Coolant		I	I	I	I	I	I	I	I	I	I
Brake Fluid		It is recommended to replace every 2 years or 40,000 km (whichever comes first)									
Brake Fluid Level		I	I	I	I	I	I	I	I	I	I
Water Content of Brake Fluid		I	I	I	I	I	I	I	I	I	I
Engine Oil		R	R	R	R	R	R	R	R	R	R
Engine Oil Level		I	I	I	I	I	I	I	I	I	I

9.SPECIFICATIONS

For severe driving conditions											
Maintenance Item	Months	6	12	18	24	30	36	42	48	54	60
	Km×1,000	5	10	15	20	25	30	35	40	45	50
For general driving conditions											
Maintenance Item	Months	12	24	36	48	60	72	84	96	108	120
	Km×1,000	10	20	30	40	50	60	70	80	90	100
Automatic Transmission Fluid (730DHC)	Replace every 60,000 km										
Automatic Transmission Fluid (730DHB)	Replace every 60,000 km										
Transfer/Differential Fluid	It is recommended to replace every 50,000 km after the warranty period										
Transmission Fluid Level											
Fuel Filter	Integrated fuel pump filter is maintenance free type (except for the cause of failure)										
Battery Voltage											
Shock Absorber											
Propeller Shaft and Boot											
Torque of Chassis Bolt											
Steering Gear											
Steering Column											
Steering Link, Ball and Boot											
Tire Appearance											
Tire Pattern											
Tire Inflation Pressure											
Spare Tire Inflation Pressure											
Torque of Wheel Bolt											
Tire Rotation	It is recommended to rotate tires every 10,000 km (the optimal adjustment range is 5,000 - 7,000 km).										
Spark Plug											
Brake Plate											
Air Filter											
Drive Belt											

For severe driving conditions											
Maintenance Item	Months	6	12	18	24	30	36	42	48	54	60
	Km×1,000	5	10	15	20	25	30	35	40	45	50
For general driving conditions											
Maintenance Item	Months	12	24	36	48	60	72	84	96	108	120
	Km×1,000	10	20	30	40	50	60	70	80	90	100
Engine Oil Pan and Drain Bolt											
Transmission Housing Body											
Related Fluid Line (such as: steering, braking and fuel etc.) and Wire Harness											
Charcoal Canister Filter		Replace every 3 years or 60,000km (whichever comes first)									
Throttle		It is recommended to clean every 15,000 km.									
Timing Belt (If Equipped)		Replace every 3 years or 100,000 km (whichever comes first).									
Timing Chain		Maintenance-free (except for the cause of failure). (If Equipped)									
Battery		Maintenance-free (except for the cause of failure).									
Four-wheel Alignment		Check four-wheel alignment every 20,000 km and adjust if necessary									
Fuel Steam Rubber Pipe		It is recommended to replace every 10 years or 500,000 km (whichever comes first)									
Fuel Filler Hose		The material is ordinary rubber (such as: NBR+PVC/CSM, etc.), it is recommended to replace every 5 years or 200,000 km (whichever comes first); Products made of fluorinated rubber material are recommended to be replaced every 10 years or 500,000 km (whichever comes first). It is recommended to replace the above hoses timely which may cause performance defect such as crack.									

READ

- The frequency of scheduled inspection and maintenance services in the table is minimal. However, it may be necessary that they be performed more frequently depending on road conditions, weather, atmospheric conditions and vehicle usage. These conditions may differ from one country to another. Therefore, there may be special requirement in your country. We recommend that you ask your Chery authorized service station for the actual maintenance schedule applied to your vehicle.
- Continue periodic maintenance beyond 100,000 km or 120 months by returning to the third column of the maintenance schedule and adding 100,000 km or 120 months to the column headings.
- For special area, there may be special maintenance specifications. We recommend that you ask your Chery authorized service station for the actual maintenance specifications applied to your vehicle.

CAUTION

- The engine oil and oil filter should be replaced more frequently if the vehicle drives under severe conditions mentioned in the following examples*.
- It should be checked every 5,000 km or 6 months (whichever comes first) if the vehicle drives under severe conditions mentioned in the following examples*.
- The lubricant should be replaced every 5,000 km or 6 months (whichever comes first) if the vehicle drives in the following areas.
 - High humidity areas.
 - Mountainous areas.
 - Extremely cold and hot areas.
 - Drive on rough roads (bumpy roads, gravel roads, snow, etc.) for a long time.
 - Drive on mountain roads, uphill/downhill for a long time.
 - Drive the vehicle for a short distance frequently.
 - In many cases, drive in high temperature (higher than 32°C), heavy traffic urban road.
 - When used as a police car, taxi, commercial vehicle, trailer, etc.
- The air filter and air conditioning filter should be replaced more frequently if the vehicle drives under severe conditions mentioned in the following examples*.

*Examples of severe driving conditions:

- Drive in extremely cold and hot weather (only for engine oil, engine oil level, steering and suspension system).

⚠ CAUTION

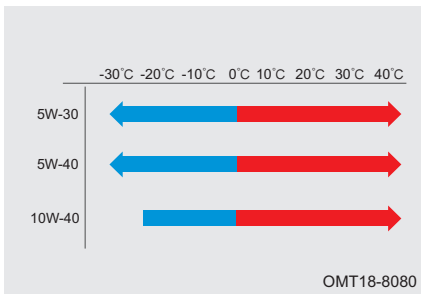
- Drive the vehicle for a short distance frequently (only for engine oil, engine oil level, disc brake pads and discs /front and rear axle boots and axle shaft joint portions, brake lining and drums).
- Drive on dusty roads (only for air cleaner element, disc brake pads and discs /front and rear axle boots and axle shaft joint portions, brake lining and drums, air filter element for the climate control system).
- Drive on rough and/or muddy roads (only for disc brake pads and discs / front and rear axle boots and axle shaft joint portions, brake lining and drums, air filter element for the climate control system).
- Drive in areas where road salt or other corrosive materials are used (only for fuel system, lines and connections, disc brake pads and discs/front and rear axle boots and axle shaft joint portions, brake lining and drums, inspect brake lines and check operations of parking and service brake system, steering and suspension system).
- In the coastal areas (only for fuel system, lines and connections, disc brake pads and discs /front and rear axle boots and axle shaft joint portions, brake lining and drums, inspect brake lines and check operations of parking and service brake system, steering and suspension system).

Specifications

Fluid Name	Specification	After-sale Maintenance
Oil (SQRF4J16)	SM SAE-5W-30	4.3 ± 0.2 L (Also replace the oil and oil filter)
Transmission fluid (730DHC)	Pentosin FFL-7A	4.25 ± 0.2 L
Transmission fluid (730DHB)	FUCHS Pentosin FFL-7A	4.25 ± 0.2 L
Transfer	Sinopec GL5 80W-90 gear oil	0.445 ± 0.03 L
Differential	Sinopec GL5 80W-90 gear oil	0.31 ± 0.03 L
Coolant (SQRF4J16)	Full organic coolant (LEC-II)	7.95 L
Brake Fluid	DOT4	/
Spark Plug	3707AAG	/

9.SPECIFICATIONS

Oil Grade Specifications	Oil Grade Definition
SM	Quality grade of oil
SAE	English abbreviation for American Society of Automotive Engineers
5W	The lower the viscosity at low temperature, the stronger the ability to adapt to the cold, and the better the low temperature start-up performance
40	The higher the index of high temperature resistance, the higher the viscosity, suitable for high speed operation of the engine



According to the requirements of the ambient temperature in your area, select the oil of the corresponding quality level in combination with the table above.

When the ambient temperature is extremely low, if the engine oil of SM SAE-10W-40 is used, the engine may be difficult to start. Therefore, it is recommended to use SM SAE-5W-30 or oil with lower viscosity grade. The SM SAE-5W-30 oil is recommended from the viewpoint of oil consumption.

CAUTION

- Only use the oil fluid recommended by Chery. Other fluids may damage the related vehicle systems.
- The above filling amount is only for reference. The specific filling amount should be based on the actual vehicle measurement.
- Filling amount is equal to discharging amount when there is no oil leakage for automatic transmission, please contact Chery authorized service station for details.

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