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.

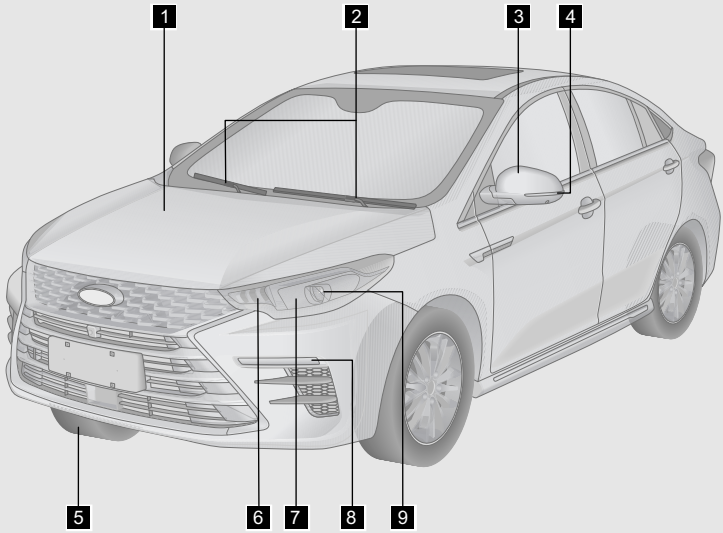
Depending on specification of equipment and features of your vehicle, some descriptions and illustrations may differ from that on your vehicle.

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

Wish you a pleasant driving!

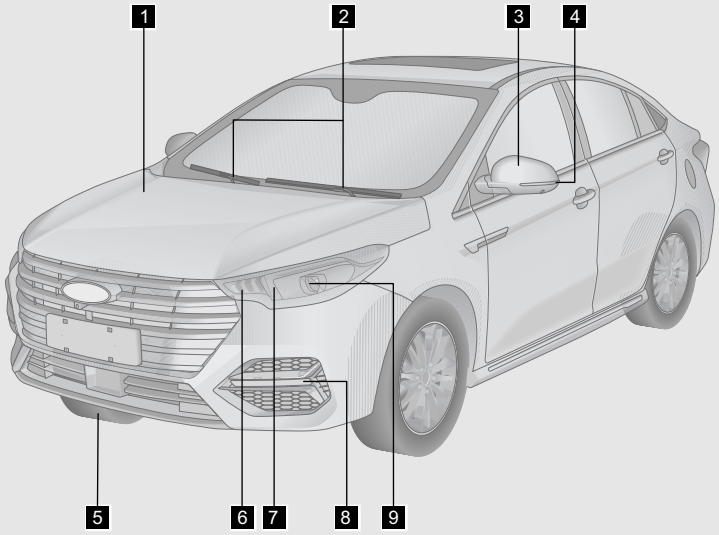
Version No: M1DFL2OM21EN01
Issued February 2021

Front bumper style A

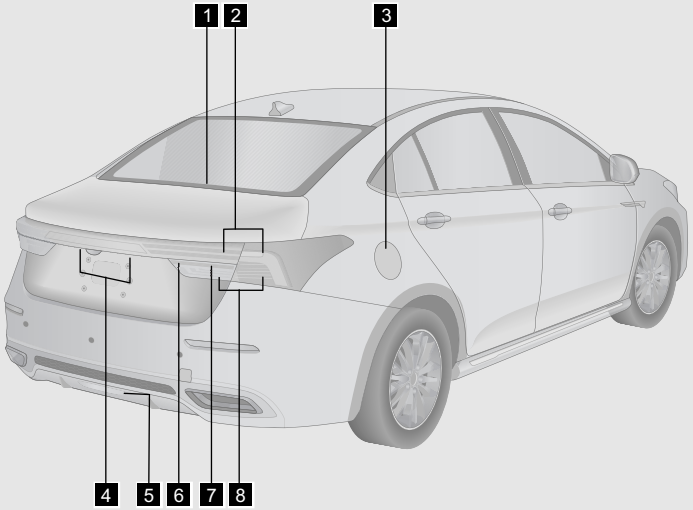


1 Hood P.123
2 Front wiper blade P.44
3 Outside rear view mirror P.41
4 Side turn signal light P.46
5 Tire P.211
6 Turn signal light P.46
7 Position light P.45
8 Daytime running light
9 Low beam light/high beam light P.45

Front bumper style B

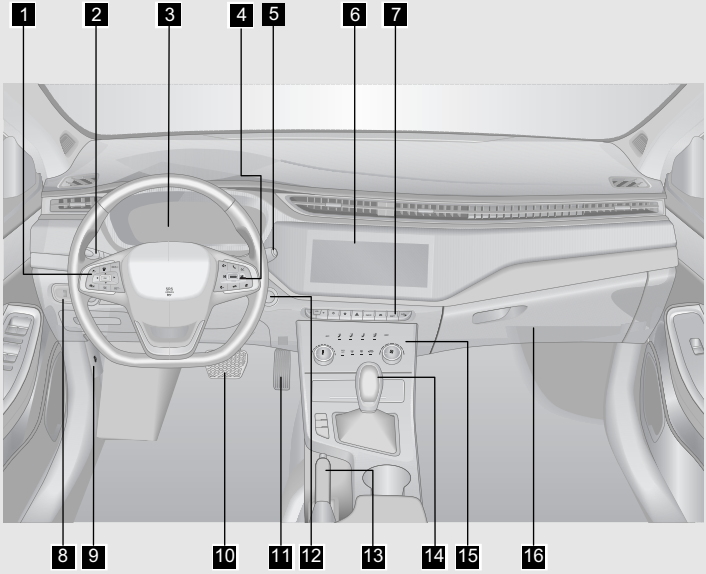


1 Hood P.123
2 Front wiper blade P.44
3 Outside rear view mirror P.41
4 Side turn signal light P.46
5 Tire P.211
6 Turn signal light P.46
7 Position light P.45
8 Daytime running light
9 High/low beam lights P.45



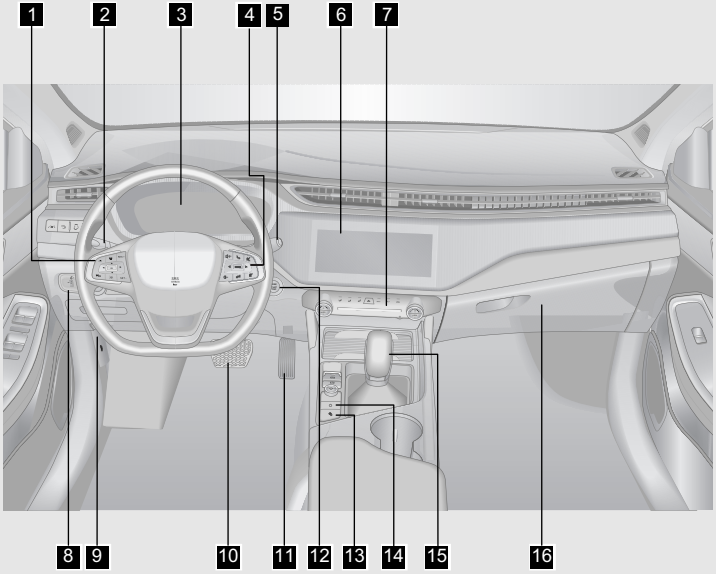
1 High mounted stoplight P.45
2 Position light P.47
3 Fuel tank P.125
4 License plate light P.47
5 Rear fog light P.47
6 Back-up light P.47
7 Turn signal light P.46
8 Stop light P.47
Position light P.45

Auxiliary fascia console style A



1 Cruise button P.155
2 Headlight combination switch P.45
3 Instrument cluster P.24
4 Audio button P.99
5 Wiper combination switch P.43
6 Audio system P.95
7 Audio control panel P.95
8 Adjustment switch P.47
9 Hood release lever P.123
10 Brake pedal
11 Accelerator pedal
12 ENGINE START STOP switch P.130
13 Mechanical parking handbrake P.140
14 Shift lever P.133
15 Air conditioning control panel P.105
16 Glove box P.120

Auxiliary fascia console style B



1 Cruise button P.155
2 Headlight combination switch P.45
3 Instrument cluster P.24
4 Audio button P.99
5 Wiper combination switch P.43
6 Audio system P.95
7 Air conditioning control panel P.105
8 Adjustment switch P.47
9 Hood release lever P.123
10 Brake pedal
11 Accelerator pedal
12 ENGINE START STOP switch P.130
13 Auto hold button P.143
14 Electrical parking button P.140
15 Shift lever P.133
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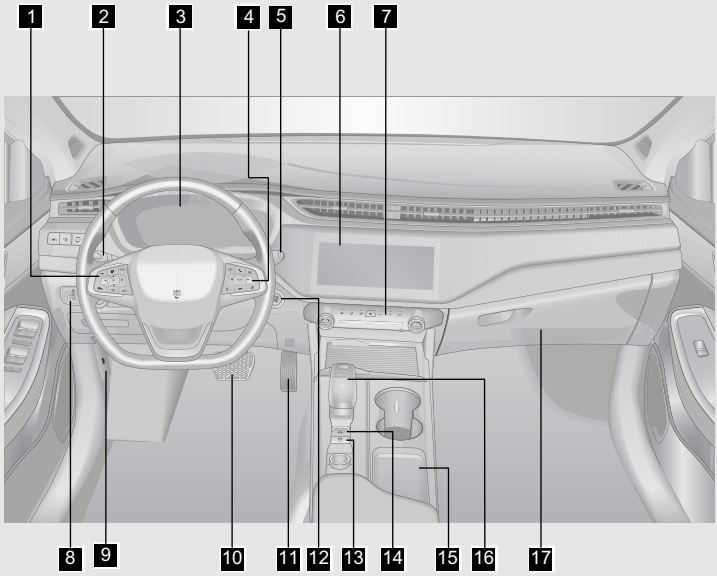
Auxiliary fascia console style C



1 Cruise button P.155
2 Headlight combination switch P.45
3 Instrument cluster P.24
4 Audio button P.99
5 Wiper combination switch P.43
6 Audio system P.95
7 Air conditioning control panel P.105
8 Adjustment switch P.47
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12 ENGINE START STOP switch P.130
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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 Owner’ s 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.

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

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

READ
Indicate 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.

1-3. 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 • OWNER’S MANUAL • PRE-DELIVERY INSPECTION	
Signature of User:	
Signature of Dealer:	

Chery Delivery Card

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

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

*: Please use the fuel recommended by 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):	
☐	Have introduced the basic operation of the vehicle to the user and performed the delivery inspection.
☐	Have explained the warranty policies to the user.
☐	Have explained the precautions of driving to the user.
☐	Have explained the importance of regular maintenance and the maintenance interval time/mileage to the user.
☐	Have explained the importance of having regular maintenance/vehicle repair performed at Chery authorized service station to the user.
☐	Have delivered the Owner’ s Manual to the user and reminded him/her to read it.
☐	Have informed the 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):	
☐	If you have questions and demands, consult a service consultant.
☐	The service consultant is the only person authorized by the dealer to answer the user's questions.
☐	Have assigned a dedicated service consultant to each user for "Person to- Person" service.
☐	If the user is not fully satisfied with the service consultant, the user can select another service consultant.
The following items should be confirmed by the user:	
3. Main Work Introduction on Service Consultant (Mark a " √ " for " Yes " and a " × " for Other Conditions):	

☐	Service reception during service and maintenance.
☐	Regular maintenance reminding.
☐	Answer the service/maintenance consultation.
☐	Service/maintenance reservation acceptance.
☐	Annual inspection reminding/acceptance.
☐	Regular greeting revisit, service activity reminded revisit and important holiday greeting.
☐	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):	
☐	Have introduced the basic operation of the vehicle to the user and performed the delivery inspection.
☐	Have explained the warranty policies to the user.
☐	Have explained the precautions of driving to the user.
☐	Have explained the importance of regular maintenance and the maintenance interval time/mileage to the user.
☐	Have explained the importance of having regular maintenance/vehicle repair performed at Chery authorized service station to the user.
☐	Have delivered the Owner’ s Manual to the user and reminded him/her to read it.
☐	Have informed the 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):	
☐	If you have questions and demands, consult a service consultant.
☐	The service consultant is the only person authorized by the dealer to answer the user's questions.
☐	Have assigned a dedicated service consultant to each user for "Person-to-Person" service.
☐	If the user is not fully satisfied with the service consultant, the user can select another service consultant.
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☐	Regular maintenance reminding.
☐	Answer the service/maintenance consultation.
☐	Service/maintenance reservation acceptance.
☐	Annual inspection reminding/acceptance.

☐	Regular greeting revisit, service activity reminded revisit and important holiday greeting.
☐	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 delivering 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 passed 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: • VEHICLE • OWNER’S 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 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.
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. Obey the traffic lights while driving to 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 possible.
10. Do not hold your foot on clutch or brake pedals for a long time. This will cause premature wear, overheating and high fuel consumption.
11. Keep a proper vehicle speed on the 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 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.

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

■ Hood

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

After Starting Engine

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

When Driving

1. Gauges and meters: Make sure each indication of gauges and meters is working properly.
2. Brakes: At a safe place, check that the vehicle is 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.

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:

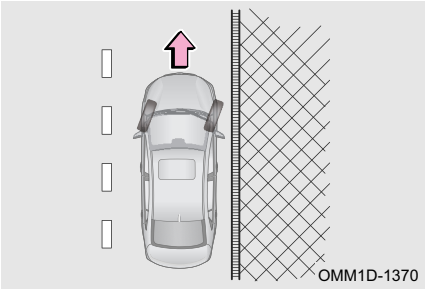
1. Depress clutch (vehicle with manual transmission) and brake pedal until the vehicle is completely stopped.
2. Confirm that the electronic parking is enabled.
3. For vehicle with automatic transmission: Move shift lever to "P" position. For vehicle with manual transmission: Move shift lever to neutral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

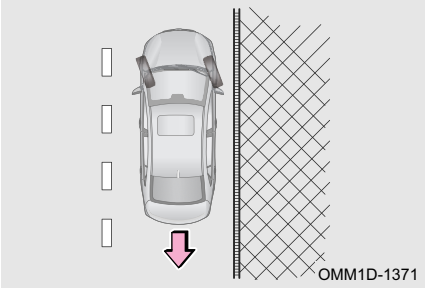
Parking vehicle on a slope is mainly by brake force of park brake. Failure to apply park brake or park brake malfunction may cause the vehicle to slide downwards along slope and personal injury or damage to vehicle. When parking on a slope, it is better to face tires toward one side of vehicle, to prevent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

■ Parking on downhill with curb



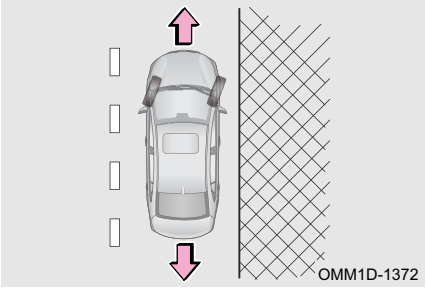
If there is curb on roadside, turn steering wheel to right by a certain angle to make front part of front right wheel close to or against the curb, to prevent vehicle from sliding forward along the slope, then apply the park brake.

■ 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 to 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.
- Do not stay in a parked vehicle for a long time with the engine running. If it is unavoidable, vehicle should be parked in a spacious area and adjust heating and cooling system to forcibly introduce outside air into vehicle.
- Keep the back door closed while driving. An open or unclosed back door may cause exhaust gas to enter the vehicle.
- To achieve proper operation of vehicle ventilation system, keep intake grilles free of snow, leaves, or other obstructions.
- If you smell exhaust fumes in vehicle, open windows to allow fresh air to enter and check vehicle condition.

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 the vehicle is lifted for inspection and repair.

1-9. Off-road Driving Precautions

Off-road Driving

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

- Be careful when driving off 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

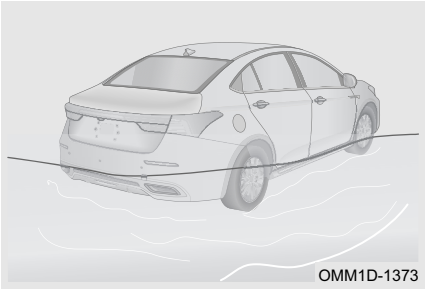
Drive carefully when it is raining, because visibility will be reduced, windows may become fogged-up and road will be slippery.

- 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


OMM1D-1373

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 systems 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 have accumulated around the brake discs may affect the braking efficiency and may damage the brake system components. After driving through water, slightly depress the brake pedal for several times to dry the brakes off.

1-11. Winter Driving Precautions

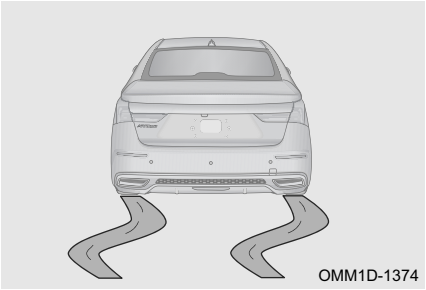
Winter Driving Tips

- Coolant: Make sure that coolant has anti-freezing function. Only use coolant recommended by Chery.
- Battery and cables: Low temperature will decrease power of battery. Sufficient power should be stored in battery for starting in winter.
- Oil: In winter, it is recommended to choose appropriate engine oil according to the local temperature condition. The lower viscosity at low temperature, the better fluidity at low temperature, indicating that the lower the ambient temperature at which the oil can be used.
- Door locks: Avoid door locks being frozen. Deicing agent or glycerin should be sprayed into door lock holes.
- Washer fluid: Use washer fluid containing antifreeze. This product is available at Chery authorized service station and most vehicle component distributors.
- Mudguards: Avoid ice and snow accumulation under mudguards. Failure to do so may cause difficult steering. When driving in cold weather, you should often stop vehicle to check for ice and snow accumulation under mudguards. It is recommended that you should take some necessary emergency items with you 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 on 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 damages 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 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 affect vehicle handling, please drive carefully. Using improper chains or improper installing of chains may cause an accident and lead to injuries;
- Please follow the instructions provided by the manufacturer of the chains to install and remove chains, park the vehicle in a safe place before installation and removal. Be sure to turn off the engine before installing chains (automatic transmission is in P position), place the traffic warning signs if necessary;
- Do not drive vehicle at more than 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.

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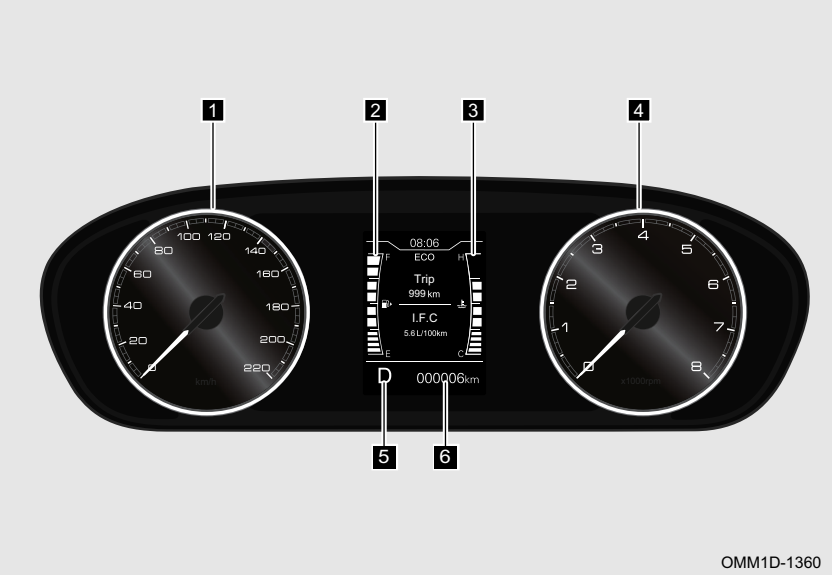
2-1. Instrument Cluster (3.5-inch)

Instrument Cluster View (3.5-inch)



1 Speedometer: Current driving speed (unit: km/h).

> ⚠ CAUTION
>
> Speedometer is affected by tire size used in vehicle. Only tires of original size can be used (For details, refer to "Vehicle Specifications"), otherwise the speedometer will not indicate the correct speed.

2 Fuel gauge: Current remaining fuel of fuel tank.

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

> READ
>
> When the vehicle is accelerating, braking urgently, turning sharply or driving on a slope, the fuel gauge reading might be inaccurate.

3 Engine coolant temperature gauge: Current engine coolant temperature.

Low temperature range: Near C or in C area

When engine coolant temperature gauge is near C or in 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 excessive.

Overheating range: Near H or in H area

When engine coolant temperature gauge is near H or in H area, it indicates that engine coolant temperature is high. Stop vehicle at a safe place away from traffic main artery, turn vehicle power to OFF mode after idling for several minutes. Please go to Chery authorized service station for inspection and repair immediately.

⚠ CAUTION

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

4 Tachometer: Current engine speed (unit: x1000 rpm).

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

⚠ CAUTION

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

5 Gear position information: Currently selected gear position information (in manual mode or current gear position).

On-board computer displays arrow and target gear according to current conditions to prompt user to perform a reasonable shift operation:

" ▲ " prompts you to upshift.

" ▼ " prompts you downshift.

READ

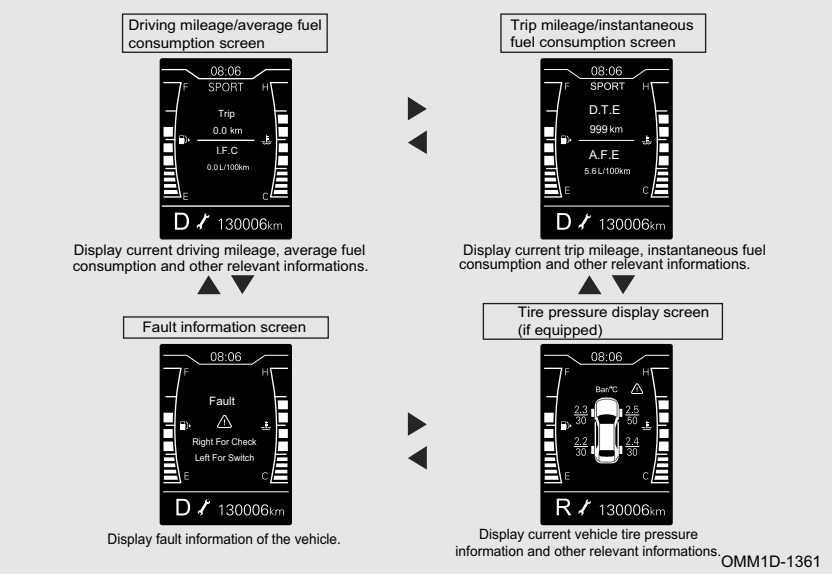
The information is for reference only. Always upshift or downshift according to actual situations.

6 Total mileage: Total mileage of the vehicle (common unit: km).

Information Display Area (3.5-inch)

Conventional display screen

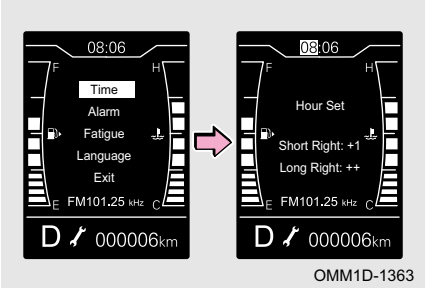
Conventional display screen includes the following screens, press steering wheel combination button " ◀ " / " ▶ " briefly to cycle the following screens.



Setting (3.5-inch)

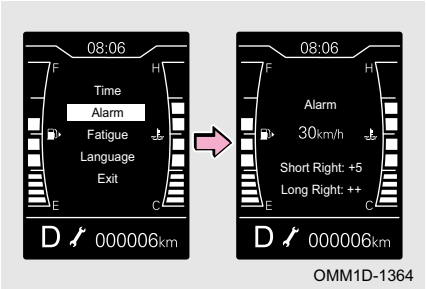
Setting screen includes the following screens. On non-fault inquiry screen, press steering wheel combination button " ⊟ " briefly to enter setting screen. Press steering wheel combination button" ◀ "/" ▶ " briefly to cycle the setting screen, press " ⊟ " briefly to enter setting.

Time setting



On time setting screen, press steering wheel combination button " ◀ "/" ▶ " briefly to adjust time. Press " ⊟ " briefly to save and exit time setting.

Overspeed alarm



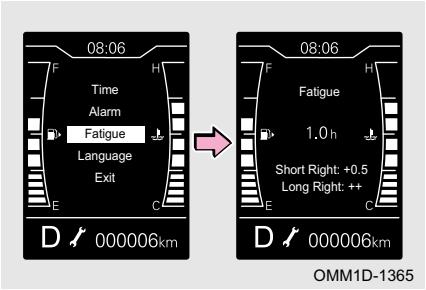
OMM1D-1364

On overspeed alarm setting screen, press steering wheel combination button " ◀ "/" ▶ " briefly to adjust speed limit. Press " ⧉ " briefly to save and exit overspeed alarm setting.

READ

The speed limit can be set circularly between 30 km/h to 130 km/h and OFF.

Fatigue driving



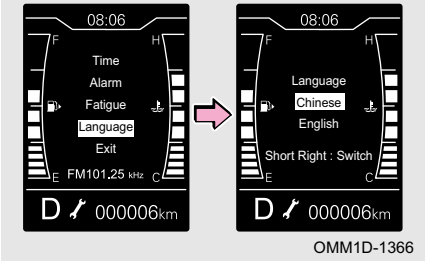
OMM1D-1365

On fatigue driving setting screen, press steering wheel combination button " ◀ "/" ▶ " briefly to adjust reminding time. Press " ⧉ " briefly to save and exit fatigue driving setting.

READ

The fatigue driving reminding time can be set circularly between 1 h to 4 h and OFF.

Language setting

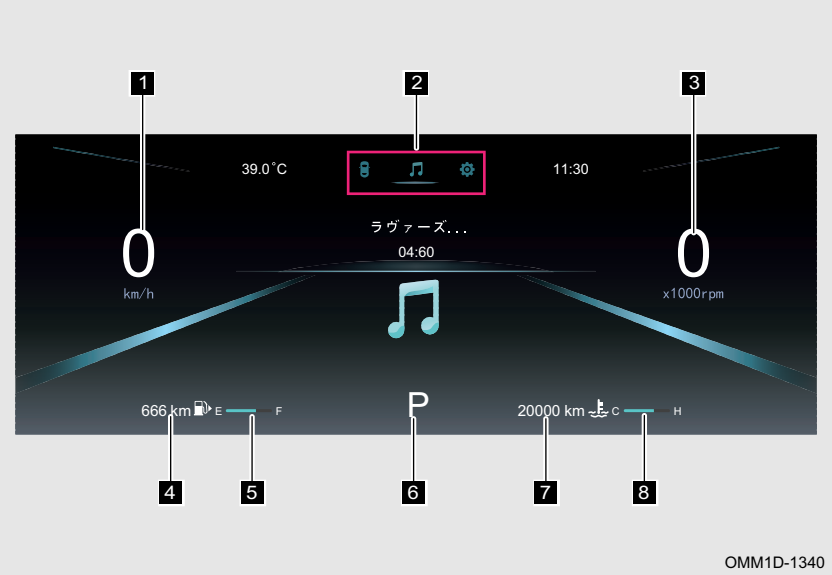


OMM1D-1366

On language setting screen, press steering wheel combination button " ◀ "/" ▶ " briefly to adjust language. Press " ⧉ " briefly to save and exit language setting.

2-2. Instrument Cluster (10.25-inch)

Instrument Cluster View (10.25-inch)



1 Speedometer: Current driving speed (unit: km/h).

> ⚠ CAUTION
>
> Speedometer is affected by tire size used in vehicle. Only tires of original size can be used (For details, refer to "Vehicle Specifications"), otherwise the speedometer will not indicate the correct speed.

2 Conventional display screen (status bar): Current conventional display screen information.

3 Tachometer: Current engine speed (unit: x1000 rpm).

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

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

4 Driving mileage: The estimated maximum distance that can be driven with current remaining fuel (common unit: km).

READ

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

5 Fuel gauge: Current remaining fuel of fuel tank.

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

READ

When the vehicle is accelerating, braking urgently, turning sharply or driving on a slope, the fuel gauge reading might be inaccurate.

6 Gear position information: Currently selected gear position information (in manual mode or current gear position).

On-board computer displays arrow and target gear according to current conditions to prompt user to perform a reasonable shift operation:

" ↑ " prompts you to upshift.

" ↓ " prompts you downshift.

READ

The information is for reference only. Always upshift or downshift according to actual situations.

7 Total mileage: Total mileage of the vehicle (common unit: km).

8 Engine coolant temperature gauge: Current engine coolant temperature.

Low temperature range: Near C or in C area

When engine coolant temperature gauge is near C or in 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 excessive.

Overheating range: Near H or in H area

When engine coolant temperature gauge is near H or in H area, it indicates that engine coolant temperature is high. Stop vehicle at a safe place away from traffic main artery, turn vehicle power to OFF mode after idling for several minutes. Please go to Chery authorized service station for inspection and repair immediately.

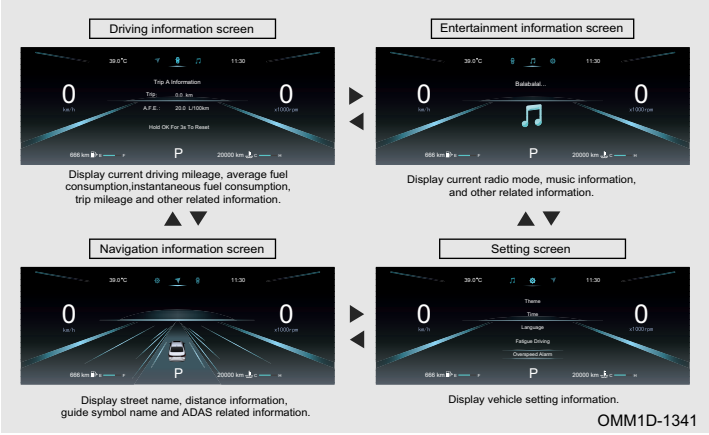
⚠ CAUTION

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

Information Display Area (10.25-inch)

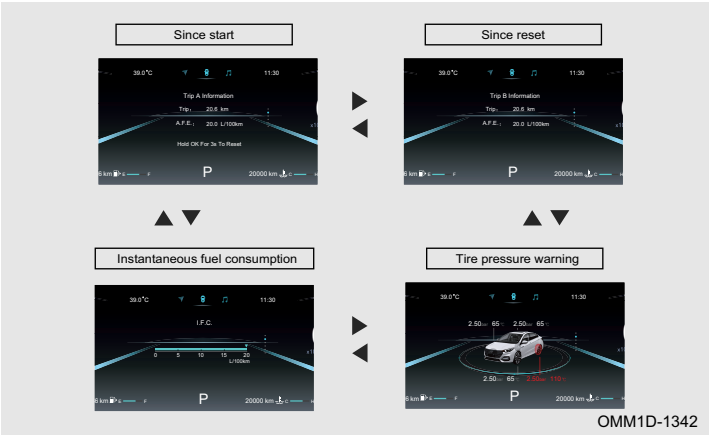
Conventional display screen

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



Driving information screen

On driving information screen, press steering wheel combination button " OK " upward and downward to cycle the following screens.

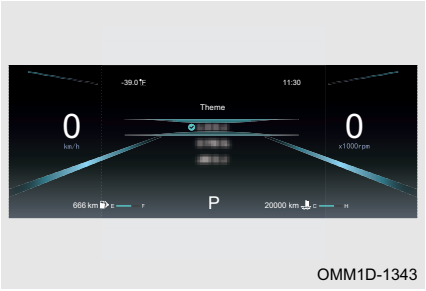


OMM1D-1342

Setting (10.25-inch)

On setting screen, press steering wheel combination button " OK " upward and downward to cycle the setting screen. Press " OK " briefly to enter setting.

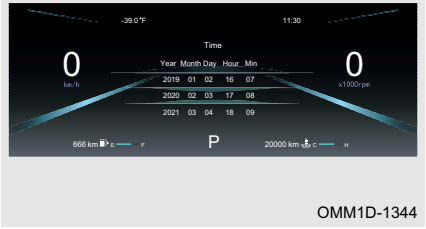
Theme setting (if equipped)



OMM1D-1343

On theme setting screen, press steering wheel combination button " OK " upward and downward to adjust theme. Press " OK " briefly to set. Press steering wheel combination button " ◀ " briefly to exit theme setting.

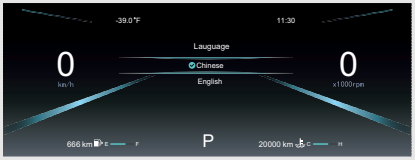
Time setting (if equipped)



OMM1D-1344

On time setting screen, press steering wheel combination button " OK " upward and downward to adjust time. Press " OK " briefly to set (in order of year/month/date/hour/minute). Press steering wheel combination button " ◀ " briefly to exit time setting.

Language setting (if equipped)



OMM1D-1345

On language setting screen, press steering wheel combination button " OK " upward and downward to adjust language. Press " OK " briefly to set. Press steering wheel combination button " ◀ " briefly to exit language setting.

Fatigue driving setting

OMM1D-1346

On fatigue driving setting screen, press steering wheel combination button " OK " upward and downward to adjust reminding time. Press " OK " briefly to set. Press steering wheel combination button " ◀ " briefly to exit fatigue driving setting.

READ

The fatigue driving remind time can be set circularly between 1 h to 4 h and OFF.

Overspeed alarm setting (if equipped)

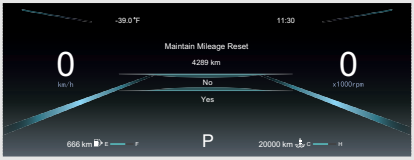
OMM1D-1347

On overspeed alarm setting screen, press steering wheel combination button " OK " upward and downward to adjust the speed limit. Press " OK " briefly to set. Press steering wheel combination button " ◀ " briefly to exit overspeed alarm setting.

READ

The speed limit can be set circularly between 30 km/h to 130 km/h and OFF.

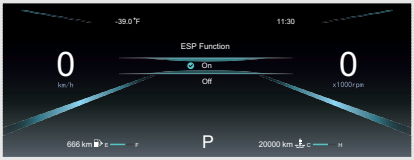
Maintenance mileage reset



OMM1D-1348

On maintenance mileage reset screen, press steering wheel combination button " OK " upward and downward to YES/NO. Press " OK " briefly to set. Press steering wheel combination button " ◀ " briefly to exit maintenance mileage reset.

ESP function setting



OMM1D-1349

On ESP function setting screen, press steering wheel combination button " OK " upward and downward to ON/OFF. Press " OK " briefly to set. Press steering wheel combination button " ◀ " briefly to exit ESP function setting.

READ

- For details of Electronic Stability Program (ESP), refer to "Braking Force Control System".
- When driving vehicle for the first time, Electronic Stability Program (ESP) is on by default.

Fault inquiry

OMM1D-1350

When on-board computer detects that the system is malfunctioning or its information is abnormal, the alarm information will be immediately displayed in information display area one by one and recorded in fault information screen after switching vehicle power to ON mode.

On fault inquiry screen, press steering wheel combination button " OK " upward and downward to check the related fault information. Press steering wheel combination button " ◀ " briefly to exit fault inquiry.

2-3. Operation/Malfunction Indicator

Operation/Malfunction Indicator

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

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

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

Daytime running light indicator		Daytime running light indicator comes on when engine is started.
Position light indicator		When the position lights are turned on, the indicator comes on.
Turn signal light indicator		When the left or right turn signal lights are turned on, the corresponding turn signal light indicator flashes. When hazard light switch is turned on, both left and right turn signal indicators will flash simultaneously.
High beam light indicator		When the high beam lights are turned on or when the high beam lights flash, the indicator comes on.
Rear fog light indicator		When rear fog lights are turned on, the rear fog light indicator will come on.
Intelligent Headlight (IHC) assist indicator		This indicator is used to indicate that the vehicle’s automatic headlights are in operating condition currently.

Intelligent headlight (IHC) assist malfunction indicator		This indicator is used to indicate that the vehicle's automatic headlights are malfunctioning currently. Please go to Chery authorized service station for inspection and repair as soon as possible.
Front seat belt indicator		This indicator is used to alert the driver that the front seat belt is not buckled or fastened firmly. Wear seat belt and drive safely.
Brake system malfunction indicator		This indicator is used to alert the driver that brake fluid level is low or brake system is malfunctioning. Please go to Chery authorized service station for inspection and repair immediately.
Electric Parking Brake (EPB) system indicator		This indicator comes on to indicate that the vehicle's EPB is in operating condition currently. The indicator flashes during sudden braking, it is normal and no need to deal with. If it flashes in other cases, it indicates that the system is malfunctioning. Please go to Chery authorized service station for inspection and repair as soon as possible.
Electric Parking Brake (EPB) system malfunction indicator		This indicator is used to alert the driver that EPB is malfunctioning. Please go to Chery authorized service station for inspection and repair as soon as possible.
Automatic Parking System (-AUTO HOLD) indicator	 or	This indicator is used to indicate that the vehicle is in auto hold condition currently.

Anti-lock Brake System (ABS) malfunction indicator		This indicator is used to alert the driver that Anti-lock Brake System (ABS) is malfunctioning. Please go to Chery authorized service station for inspection and repair as soon as possible.
Electronic Stability Program (ESP) system indicator		This indicator flashes to indicate that the vehicle's Electronic Stability Program (ESP) system is in operating condition currently. This indicator comes on to alert the driver that Electronic Stability Program (ESP) system is malfunctioning. Please go to Chery authorized service station for inspection and repair as soon as possible.
ESP OFF indicator		When ESP function is turned off, ESP OFF indicator will come on, indicating that Electronic Stability Program system (ESP) is in disabled condition.
Automatic Emergency Braking (AEB) system indicator		This indicator is used to indicate that Automatic Emergency Braking (AEB) system is in operating condition currently.
Automatic Emergency Braking (AEB) system malfunction indicator		This indicator is used to indicate that the Automatic Emergency Braking (AEB) system is malfunctioning currently. Please go to Chery authorized service station for inspection and repair as soon as possible.
Lane Keep Assist (LKA) system indicator		This indicator is used to indicate that Lane Keep Assist (LKA) system is in operating condition currently.

Lane Keep Assist (LKA) system malfunction indicator		This indicator is used to indicate that Lane Keep Assist (LKA) system is malfunctioning. Please go to Chery authorized service station for inspection and repair as soon as possible.
Lane Departure Warning (LDW) system indicator		This indicator flashes to indicate that the vehicle's Lane Departure Warning (LDW) system is in operating condition currently. This indicator comes on to alert the driver that Lane Departure Warning (LDW) system is malfunctioning. Please go to Chery authorized service station for inspection and repair as soon as possible.
Traffic Jam Assist (TJA) system/ Integrated Cruise Assist (ICA) system malfunction indicator		This indicator is used to indicate that Traffic Jam Assist (TJA) system/Integrated Cruise Assist (ICA) system is malfunctioning. Please go to Chery authorized service station for inspection and repair as soon as possible.
Charging system indicator		This indicator is used to indicate the operating condition of charging system. If this indicator does not come on when vehicle power is turned to ON mode, or comes on after engine starts, please go to Chery authorized service station for inspection and repair as soon as possible.
Engine warming up indicator		This indicator is used to alert the driver that when engine coolant temperature is too low, engine is warming up currently. After coolant temperature rises, the indicator goes off to indicate that the engine warm-up is completed currently.

High coolant temperature warning indicator		This indicator is used to alert the driver that engine coolant temperature is high. Drive vehicle to a safe area and stop, turn vehicle power to OFF mode after idling for several minutes. Please go to 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 (SRS) malfunction indicator		This indicator is used to alert the driver that airbag (SRS) is malfunctioning. Please go to Chery authorized service station for inspection and repair as soon as possible.
Tire Pressure Monitoring System (-TPMS) malfunction indicator		This indicator is used to indicate that tire pressure is improper. Please check if tire pressure is too low or if temperature is too high. If tire pressure is normal, please go to Chery authorized service station for inspection and repair immediately.
Electric Power Steering (EPS) system malfunction indicator		This indicator is used to alert the driver that electric power steering system is malfunctioning. Please go to Chery authorized service station for inspection and repair immediately.
Low engine oil pressure warning indicator		This indicator is used to alert the driver that engine oil pressure is low. Drive vehicle to a safe area and stop. Please go to Chery authorized service station for inspection and repair immediately.
EPC malfunction indicator	EPC	This indicator is used to alert the driver that engine is malfunctioning. Please go to 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 go to Chery authorized service station for inspection and repair immediately.
Transmission malfunction indicator		This indicator is used to alert the driver that transmission system is malfunctioning. Please go to Chery authorized service station for inspection and repair immediately.

2-4. Steering Wheel

Horn

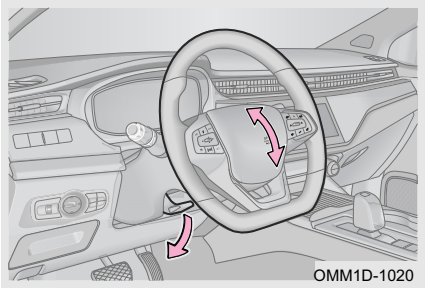
OMM1D-1010

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

READ

Obey local regulations regarding usage of vehicle horns.

Adjusting Steering Wheel


OMM1D-1020

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

Step 1: Push down adjustment lever and release it;

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

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

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

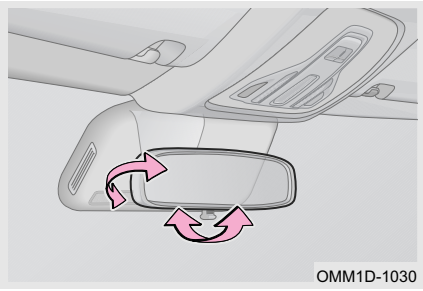
⚠ WARNING

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

2-5. Rear View Mirror

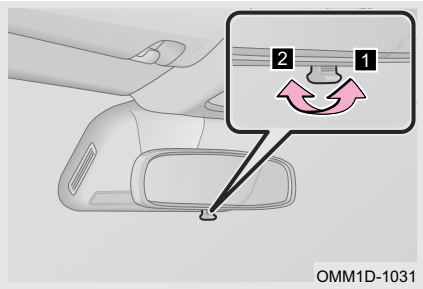
Inside Rear View Mirror

Adjusting inside rear view mirror position


OMM1D-1030

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

Adjusting anti-glare position



OMM1D-1031

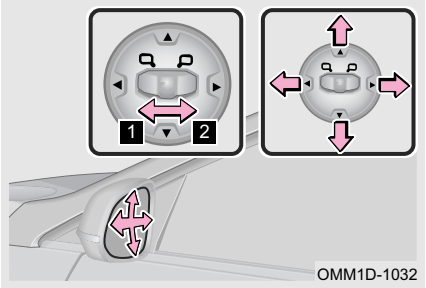
Before driving at night, adjust the inside rear view mirror lever to the anti-glare position, which can reduce the reflected light from the headlights of vehicles behind.

1 Anti-glare position

2 Normal position

Outside Rear View Mirror

Adjusting outside rear view mirror



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

1 Move the adjustment switch to left to adjust position of left outside rear view mirror lens

2 Move the adjustment switch to right to adjust position of right outside rear view mirror lens

Adjust outside rear view mirror lens upward

Adjust outside rear view mirror lens downward

Adjust outside rear view mirror lens to the left

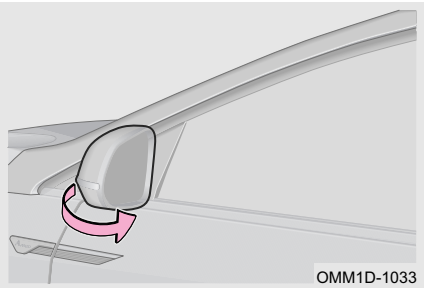
Adjust outside rear view mirror lens to the right

⚠ WARNING

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

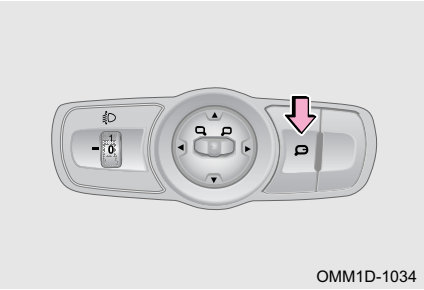
Folding/extending outside rear view mirror

■ Manual outside rear view mirror


OMM1D-1033

Hold the outside rear view mirror, and push it backward firmly and slowly (force increases gradually from small to large) until it folds into position; Hold edge of the outside rear view mirror, and pull forward slightly until it extends in place.

■ Power outside rear view mirror (if equipped)


OMM1D-1034

Operate using switch: When vehicle power is turned to ON mode, press outside rear view mirror folding switch to fold mirrors automatically, press the switch again to extend mirrors automatically.

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

READ

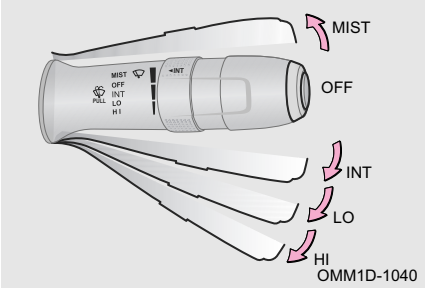
- Outside rear view mirror automatic folding needs to be set in audio system. For details, refer to "Audio System".
- According to visual field requirements, folding angles of the left and right outside rear view mirrors are different. Therefore, when power outside rear view mirrors automatically fold, the left and right outside rear view mirrors are not synchronized, which is normal.

CAUTION

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

Wiper Operation

Wiper combination switch



Turn vehicle power to ON mode, move the wiper combination switch:

Mist mode "MIST": Wipers will stop after wiping once.

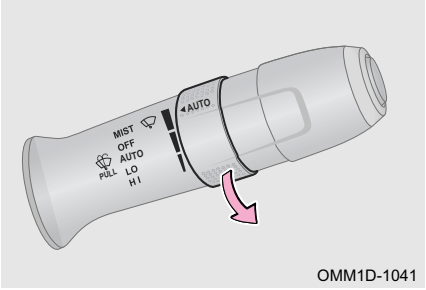
Low speed mode "LO": Operate slowly and continuously.

High speed mode "HI": Operate quickly and continuously.

Stop mode "OFF": Operate automatically at low speed until wipers return to stop position.

Intermittent mode "INT": Operate intermittently, wipers operate automatically for a cycle at intervals of several seconds.

To control intermittent sensitivity of wiper, adjust "INT" sensitivity knob. Rotate downward to decrease interval and rotate upward to increase.



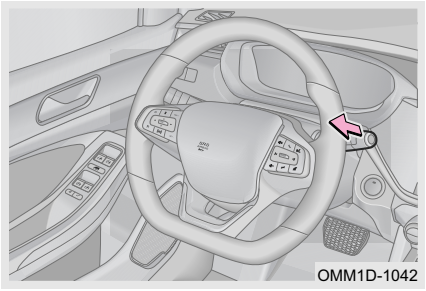
Auto mode "AUTO" (if equipped): Control the wiping speed of the wiper according to amount of rainfall.

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

⚠ CAUTION

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

Front washer operation


OMM1D-1042

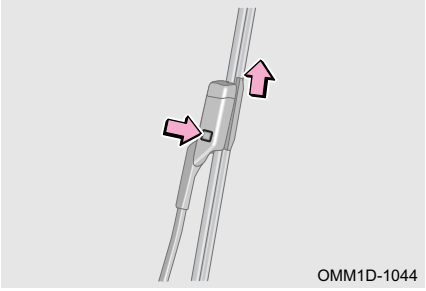
Turn vehicle power to ON mode, pull wiper combination switch towards the steering wheel and hold, the front washer sprays water, and front wiper operates simultaneously. Front washer will stop operating when the switch is released, the wiper will wipe 3 cycles at low speed, and operate one cycle then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

⚠ CAUTION

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

Wiper Blade Replacement

Replacing front wiper blades


OMM1D-1044

Step 1: Lift the front wiper arm and hold;

Step 2: Pull up wiper blades while pressing the lock button, so as to remove the blades;

Step 3: Install the new wiper blades in reverse order, and make sure the fixing clamp is locked firmly;

Step 4: Check that front wipers operate properly.

READ

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

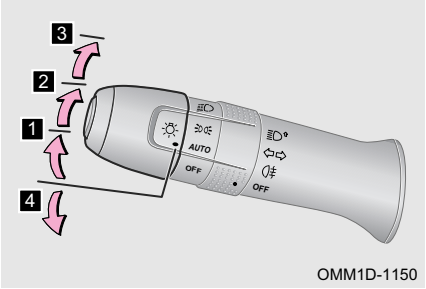
CAUTION

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

2-7. Lighting System

Exterior Lighting

Headlight combination switch



OMM1D-1150

Turn vehicle power to ON mode, rotate headlight combination switch:

1 Auto-sensing headlight "AUTO" (if equipped): By automatically sensing intensity of external light, turn on position lights, low beam lights and license plate lights.

2 Position lights " ": Turn on position lights, license plate lights, ambient lights and backlights.

3 Low beam lights " ": Turn on headlight low beam lights and keep position lights come on.

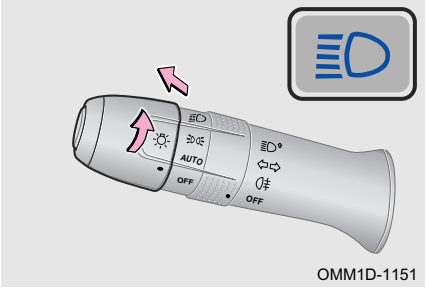
4 Turning off "OFF": Turn off headlight function.

READ

When parking vehicle for a long time or before leaving vehicle, make sure that headlight combination switch is turned off to prevent the battery from discharging. Failure to do so may cause the vehicle cannot be started.

Headlight high beam

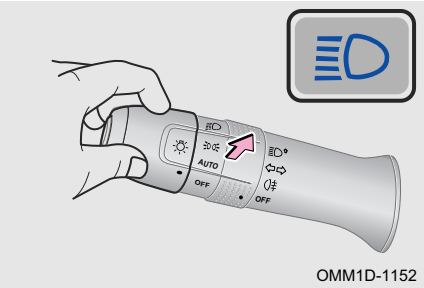
■ High beam lights



OMM1D-1151

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

■ High beam lights flash

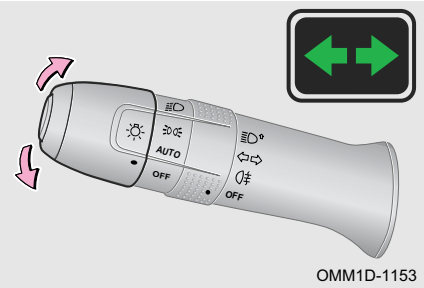


OMM1D-1152

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

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

Turn signal lights



OMM1D-1153

Turn vehicle power to ON mode:

Dial headlight combination switch upward, right turn signal light comes on; Dial headlight combination switch downward, left turn signal light comes on.

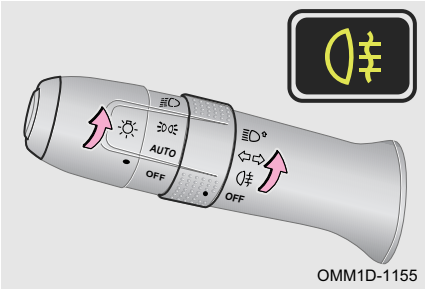
When turn signal lights are turned on, turn signal light indicator in instrument cluster flashes. As vehicle is turning back after turning, combination switch automatically returns to center position.

■ Lane change assist function

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

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

Rear fog light



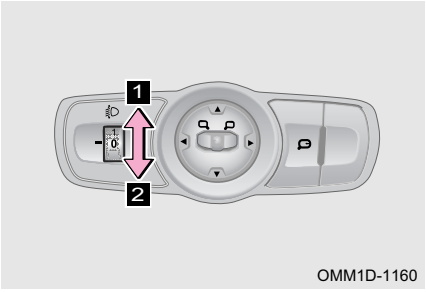
OMM1D-1155

Turn vehicle power to ON mode, when low beam lights turn on, turn fog light knob to " " position to turn on rear fog lights; After turning vehicle power to OFF mode or turning fog light knob to " " position again, rear fog lights turn off.

READ

- When turning off low beam lights, rear fog lights turn off at the same time.
- Obey local regulations regarding usage of fog lights.

Headlight leveling adjusting



OMM1D-1160

Headlight leveling adjusting switch includes 4 positions (0, 1, 2, 3), and it can be adjusted according to occupant quantity and vehicle load.

When headlight leveling adjusting switch is at 0, the headlight beam is at the highest position.

1 Push the adjusting switch upward to raise the level of the headlights.

2 Push the adjusting switch downward to lower the level of the headlights.

Stop light

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

Back-up light

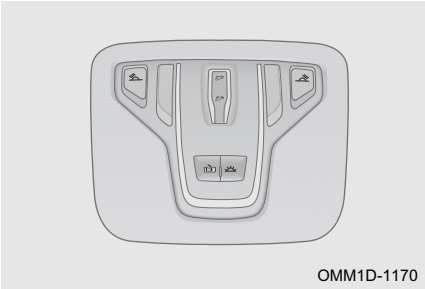
Turn vehicle power to ON mode, shift the shift lever to R, back-up lights turn on.

License plate light

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

Interior Lighting

Front dome light


OMM1D-1170

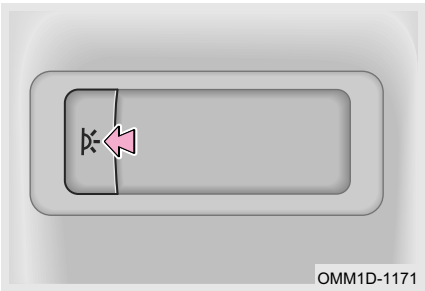
Press "" switch, illumination light will come on.

Press "" switch, if any door is open and remains open, illumination light and second row dome light will come on.

Press "" switch (if equipped), left map light will come on.

Press "" switch (if equipped), right map light will come on.

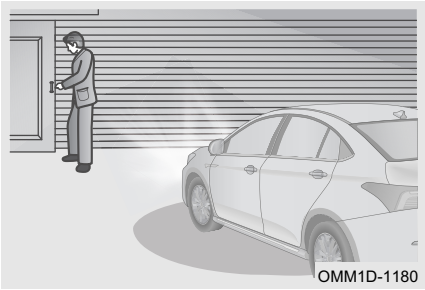
Second row dome light (if equipped)


OMM1D-1171

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

Follow Me Home Function

Manual mode (non-auto sensing headlights)


OMM1D-1180

ON: Turn vehicle power to OFF mode, pull the headlight combination switch towards steering wheel side and release within 2 minutes, the follow me home function is activated. The low beam lights and position lights will come on. Each time the headlight combination switch is operated, the low beam lights and position lights will turn on for 30 seconds, which can be activated up to 8 times continuously.

OFF: Pull the headlight combination switch towards steering wheel side and hold for 2 seconds, the follow me home function will be turned off manually; When the set operating time is reached, the follow me home function will be

turned off automatically, low beam lights and position lights will turn off immediately.

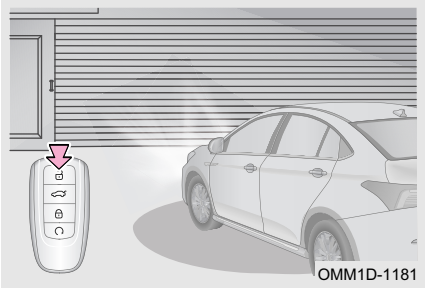
Auto mode (auto-sensing headlights)

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

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

Smart Vehicle Locating Function

Manual mode (non-auto sensing headlights)



Turn vehicle power to OFF mode, press unlock button on smart key to activate the smart vehicle locating function. The low beam lights and position lights will come on for 60 seconds. Press unlock button on smart key again for a delay of 60 seconds.

READ

For non-auto sensing headlights, it is necessary to activate follow me home function before leaving vehicle to enable smart vehicle locating function.

Auto mode (auto-sensing headlights)

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

Intelligent High Beam Control (IHC) (If Equipped)

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

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

READ

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

Light Fogging Instructions

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

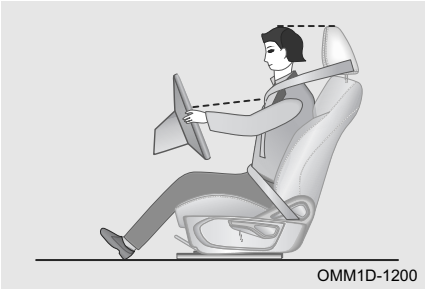
WARNING

- Following vehicle wading requirements (for example: water depth, speed, etc.) when wading, otherwise water may enter the lights.
- After opening light dust cover, reinstall it in place at the end of operation, otherwise water may enter the lights.
- When replacing a bulb, strictly check installation of various light components to make sure that they are installed correctly and sealed properly. When installing rear cover, check its seal ring and keep it clean! Otherwise, it will lead to 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 be loose or fall off, vent hole and wire harness connector may damp, resulting in water infiltration or moisture not dispersing for a long time, and even severe condensation.

2-8. Seat

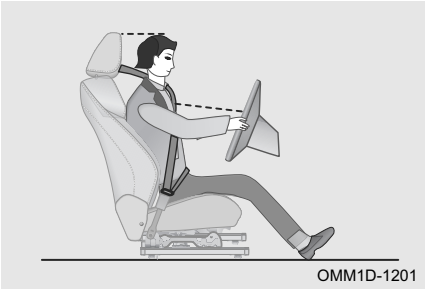
Correct Sitting Posture

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


OMM1D-1200

When sitting, slightly incline rearward (25° backward from vertical position is proper) and well back on seatback.

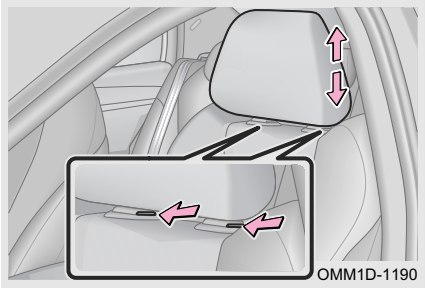
The front seats must not be too close to the instrument panel. The driver should hold the steering wheel with slightly bent arms during driving. His/her feet should also be bent slightly so that he/she can fully depress the pedal. Adjust head restraints properly so that the top of the head restraint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


OMM1D-1201

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

Head Restraint

Adjusting head restraint


OMM1D-1190

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

Adjust head restraint downward: Press the unlock button on the outside of head restraint to unlock, then adjust the head restraint downwards.

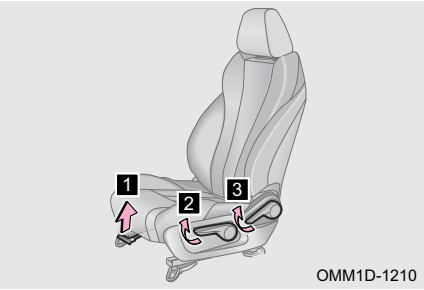
Remove head restraint: Press and hold 2 release buttons at the same time until unlocked, then lift the head restraint straight up and pull it out completely.

Install head restraint: Align the head restraint levers with the installation holes and push it down to lock position.

> ⚠ WARNING
>
> - Do not adjust head restraints while driving, otherwise it may cause accidents and personal injuries.
> - Make sure the head restraints are securely locked before driving, otherwise it may cause accidents and personal injuries.

Front Seat

Manual seat (if equipped)



1 Adjusting seat forward and backward

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

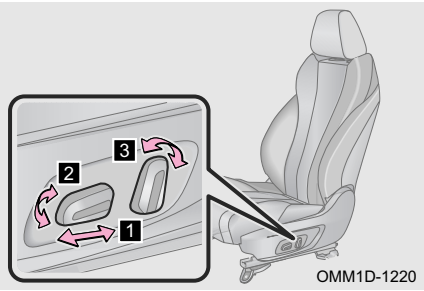
2 Adjusting seat height (only driver side)

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

3 Adjusting seatback angle

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

Power seat (if equipped)



1 Adjusting seat 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 Adjusting seatback angle

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

Note: When front seat is at designed position, it can be adjusted 170 mm forward and 50 mm backward; When it is at designed angle, it can be adjusted 32° forward and 52° backward.

CAUTION

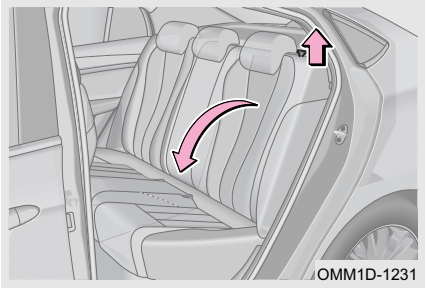
Do not place any items under the seat while moving the seat, otherwise, or it will damage the seat.

WARNING

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

Second Row Seat

Folding seatback



Step 1: Adjust the front seat position forward;

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

Step 3: Pull up buttons on left and right sides to unlock, and at the same time, fold the seatback slowly by hand.

Note: The design angle of the seatback is 25°, seatbacks can be tumbled as a whole.

READ

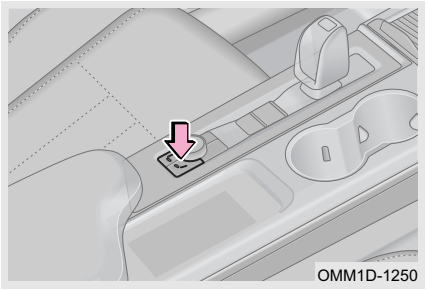
- When folding seatback, make sure that outer seat belt passes around the seatback to avoid damaging the belt.
- When folding seatback, buttons on left and right sides should be pulled up, seatback cannot be tumbled using buttons on left and right sides.

WARNING

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

Seat Heating Function (If Equipped)

Front seat heating



After starting the vehicle, first click " " button/" " button to heat driver/ front passenger seat in 2nd level (2 indicators come on). Click it again to heat in 1st level (1 indicator comes on); Click it the third time to turn off the seat heating.

2-9. Seat Belt

Seat Belt

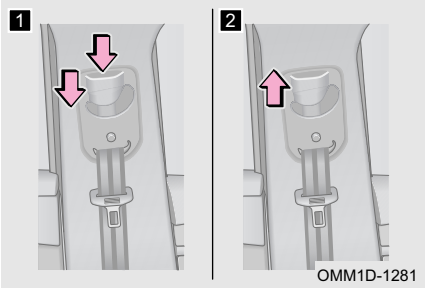
We strongly recommend the driver and passengers to wear their seat belts correctly at all times. Failure to do so could increase possibility and severity of injury in case of an accident. Check the seat belt regularly. If any seat belt function failure is found, please go to Chery authorized service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

Front seat belt is not buckled or not fastened firmly: When vehicle speed is < 25km/h, red indicator " " in instrument cluster flashes; When vehicle speed is ⩾ 25 km/h, the red indicator " " in instrument cluster flashes, accompanied by sound alarm.

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

Using seat belt correctly

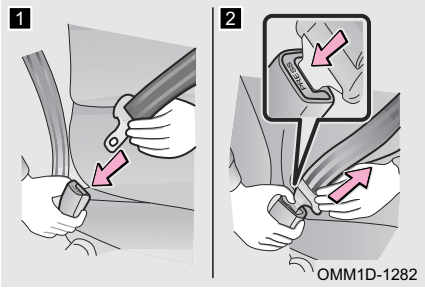
Step 1: Adjust the height of front seat belts;



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

2 Adjust upward: Push seat belt adjuster upward to adjust.

Step 2: Fastening/releasing seat belt;



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

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

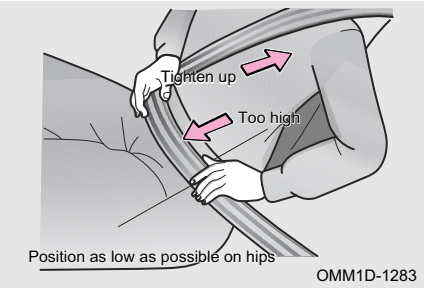
READ

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

CAUTION

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

Step 3: Adjust the position of seat belts.

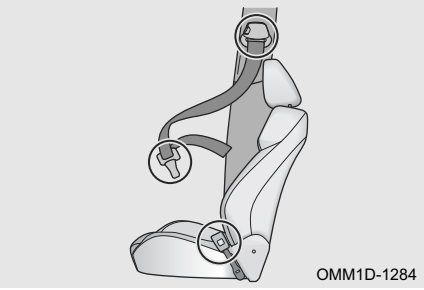


Adjust seatback angle, sit up straightly and well back in the seat. Position the lap belt as low as possible on your hips, not on your waist, then pull the shoulder portion upward so that it comes fully over the shoulder, but does not come into contact with the neck or slide off the shoulder.

⚠ CAUTION

- Do not wear unfitted clothes while driving to prevent seat belt from contacting with your body closely, otherwise, best protection effect is not achieved.
- Both high-positioned lap belts and loose-fitting belts could cause death or serious injuries during a collision or other unintended events.
- Do not recline seat more than necessary to achieve a comfortable ride. Seat belts are most effective when passengers are sitting up straight and well back in their seats.
- Make sure the shoulder belt is positioned across your shoulder. Do not place the shoulder belt under your arm. The belt should be kept away from your neck, but not falling off your shoulder. Failure to do so could reduce the protection effect of seat belt in an accident.
- We recommend that children be seated in the second row seat. Choose to use seat belt or child restraint system with ISOFIX function according to the child's height. It is not recommended to use the seat belt to secure the child restraint system (unstable fixation may cause shaking). The seat belt cannot bind the child safety seat when the second row seat position is forward.

Maintaining seat belt



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

⚠ CAUTION

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

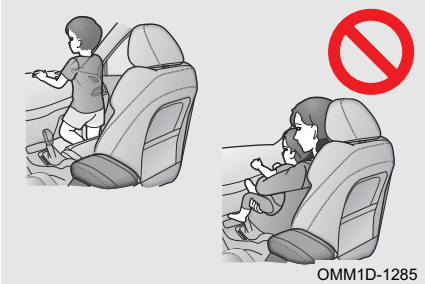
⚠ WARNING

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

Seat belt precautions

■ Precautions for using seat belt by a child

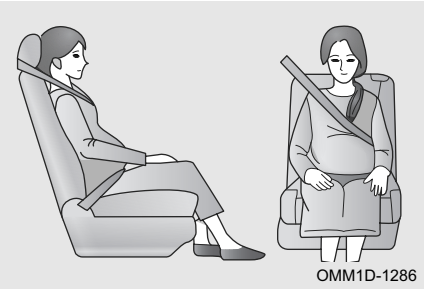
The seat belts of your vehicle are principally designed for persons of adult size. Use a child restraint system (For details, refer to "Child Restraint System") appropriate for the child, until the child becomes large enough to properly wear the vehicle seat belt. When the child becomes large enough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


OMM1D-1285

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

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

■ Precautions for using seat belt by a pregnant woman

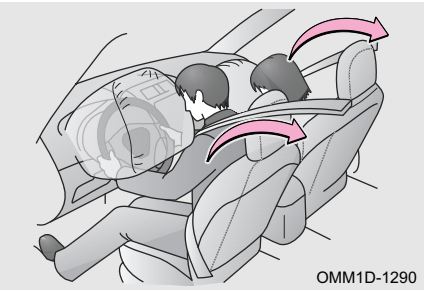

OMM1D-1286

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

⚠ WARNING

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

Seat Belt Pretensioner (If Equipped)


OMM1D-1290

1. Seat belt pretensioner is designed to assist front airbag (SRS) in the event of a severe impact.
2. In the event of a minor impact or side impact, pretensioner may not activate.
3. During a severe impact, seat belt pretensioner may be activated even if there is no occupant in front seat.
4. When seat belt pretensioner is activated, retractor quickly tightens seat belt to tightly restrain occupant.

5. When seat belt pretensioner is activated, it may make a working sound and release a small amount of non-toxic gas. The gas produced does not cause a fire and is generally harmless.

⚠ WARNING

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

Function limit

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

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

2-10. Child Restraint System

Child Restraint System

According to accident statistics, child sitting in the rear seat and properly restrained is safer than child in front seat. Choose a child restraint system suitable for the vehicle, age and size of the child.

For installation details, strictly follow the instruction manual provided by the child restraint system manufacturer. This manual describes 3 types of child restraint system that can be secured with seat belts. Installation instructions for universal child restraint system are provided in this manual.

⚠ WARNING

- For effective protection in accidents and sudden stops, a child must be properly restrained using a seat belt or an 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.
- Child restraint system should comply with the safety standards set by local regulations and laws. For any accident caused by using child restraint system, Chery Automobile Co., Ltd. will assume no responsibility.

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 is 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

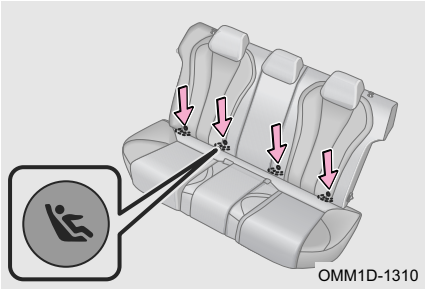
L: If the vehicle is listed in applicable model list of the child restraint system manufacturer, it is suitable for child restraint systems of "semi-universal" categories approved for use in this mass group;

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 Passen-ger Seat	Second Row Outboar-d Seat	Second Row Center Seat	Third Row Seat (If Equippe-d)
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
	A	ISO/F3	X	IL, IUF	X	X
Group 2 (15 to 25 kg)	/	(1)	/	/	/	/
Group 3 (22 to 36 kg)	/	(1)	/	/	/	/

X: Not suitable for ISOFIX child restraint system;

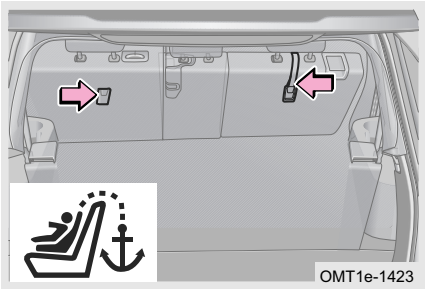
IL: Suitable for ISOFIX child restraint systems of "specific vehicles" or "-semiuniversal" categories approved for use in this mass group;

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.

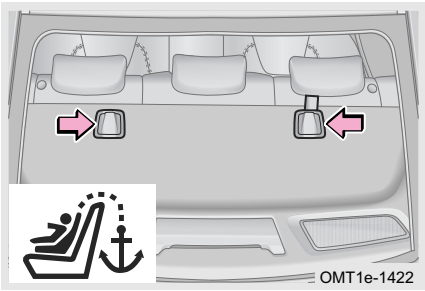
TOP TETHER Upper Fixing Point

■ 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



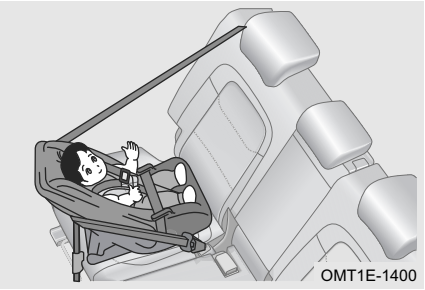
This model is equipped with specific upper fixing point (TOP TETHER) for forward-facing child restraint systems, and these upper fixing points are located on coating hook behind the head restraint.

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

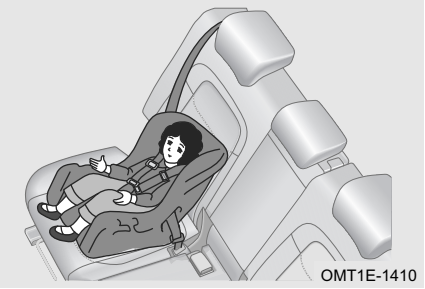
- Do not allow upper strap to stride or bypass head restraint and always fasten strap after installing, incorrect installation may cause serious injury to child.
- SUV and hatchback model: For vehicle with luggage cover on luggage compartment, remove luggage cover before child restraint system is fixed 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. It is recommended for group 0: Up to 10 kg; Group 0+: Up to 13 kg.

■ Forward-facing child restraint system

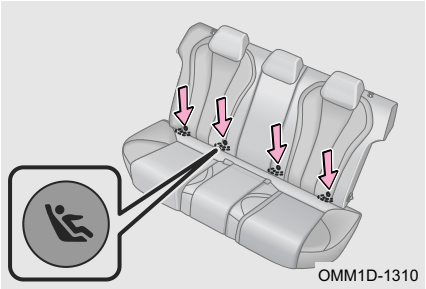


The forward-facing child restraint system should be installed facing vehicle traveling direction. It is recommended for group I: 9 - 18 kg.

■ Heightening child restraint system

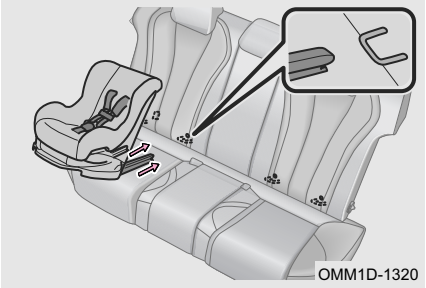
For the expandability of child restraint system function, a separate booster cushion can be used. When the child is shorter and lighter, a booster cushion can be used to increase the child's line of sight in vehicle and secure child properly. (- Vehicle seat belt meeting international standards is designed 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 for Group II: 15 to 25 kg; It is recommended for Group III: 22 to 36 kg.

Installing child restraint system (ISOFIX)

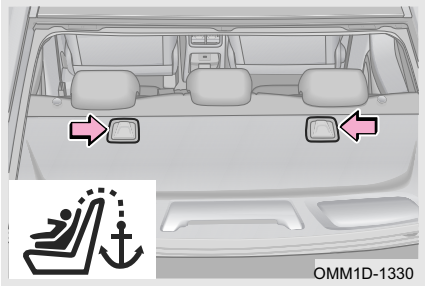

OMM1D-1310

Step 1: Find the lower retaining ring used to secure child restraint system;

Step 2: Put the child restraint system on rear seat;


OMM1D-1320

Step 3: Insert and secure lower hook of child restraint system to lower retaining ring;

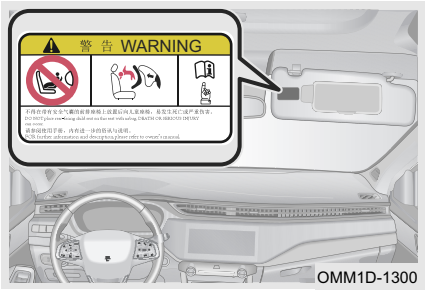

OMM1D-1330

Step 4: Pull out the child restraint system upper belt and secure it to the seat rear anchor (the anchor bracket is located behind the second row seatback).

⚠ WARNING

- Child restraint system must be installed in rear seat.
- After installing a child restraint system, never adjust the seat.
- Ensure that the belt and tab are locked in place and the belt is not twisted.
- Never fix more than one child restraint system on a set of retaining rings.
- If the child weighs more than 22 kg, it is not allowed to fix the child restraint system using retaining rings.
- If retaining ring device is damaged or overloaded during an accident, please go to Chery authorized service station for inspection and repair immediately.
- 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.
- Do not use child restraint system anchor bracket to secure items other than child restraint system. Otherwise, the Chery Automobile Co., Ltd. will not be responsible for any problem caused thereby.
- If the child restraint system is not correctly fixed in place, the child or passengers may be seriously injured or even death during a collision or other unintended events.
- Make sure the top strap is securely latched, and check if the child restraint system is secured by pushing and pulling it in different directions. Follow the installation instructions provided by the child restraint system manufacturer. If the child restraint system is not correctly installed, the child may be seriously injured or even death during a collision or other unintended events.
- If the child restraint system interferes with locking device of front seat, do not install child restraint system in rear seat. The child and front passenger may be seriously injured or even death during a collision or other unintended events.
- 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 chocking, 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. Otherwise, it may cause serious injuries during a collision or other unintended events.

Precautions for 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. Observe the following precautions:

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

2. Any change to child restraint system fixing device or vehicle seat belt is prohibited under any circumstances.

3. 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

- 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 go to Chery authorized service station for inspection and repair immediately. Do not install the child restraint system on the seat until the seat belt is repaired.
- 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 seriously injured or even death during a collision or other unintended events.

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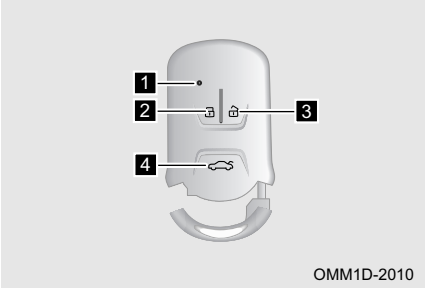
3-1. Key Information

Smart Key

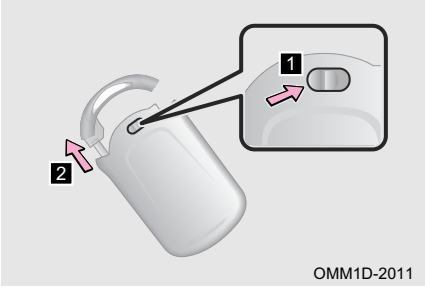
Smart key is used to unlock/lock doors remotely and open back door within about 20 m (no blind area) of the vehicle.

Smart key (type A)



OMM1D-2010

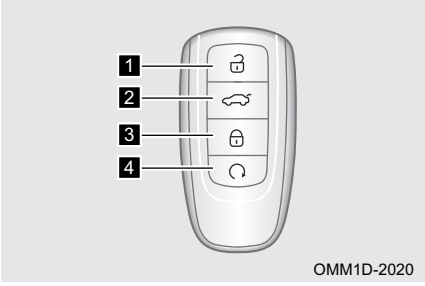
1 Indicator
2 Lock button
3 Unlock button
4 Back door opener button



OMM1D-2011

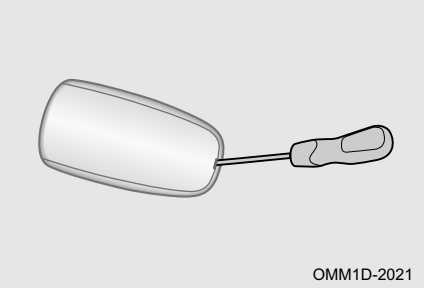
The mechanical key built into the smart key can be used to unlock/lock doors in emergency after pushing release slider on the backside of smart key and take mechanical key out. After using, return it to original place for easy-to-carry (for details, refer to "Door").

Smart key (type B)



OMM1D-2020

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



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

Function limit

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

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

⚠ CAUTION

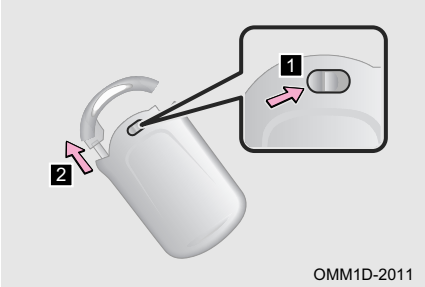
- This product is a low frequency radio device and can be disturbed by various radio services or radiation from industrial, scientific and medical applications.
- Do not change the transmission frequency, increase the transmitter power (including installation of the wireless RF power amplifier), or install 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.

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

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

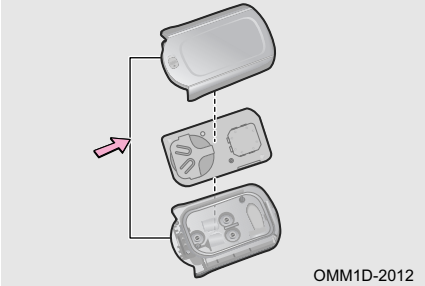
Replacing Smart Key Battery

Smart key (type A)

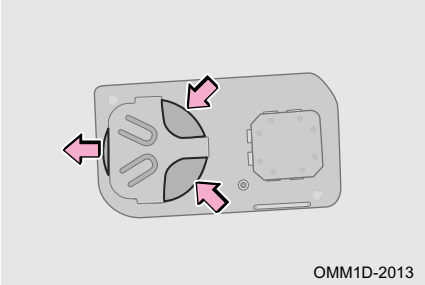


OMM1D-2011

Step 1: Push release slider on the backside of smart key to remove the mechanical key;


OMM1D-2012

Step 2: Pry off smart key cover using a flathead screwdriver with the tip taped, and then remove circuit board;

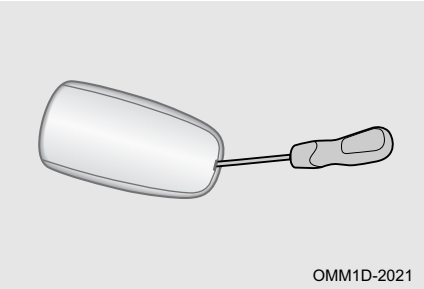

OMM1D-2013

Step 3: Remove battery from circuit board and install a new one with positive (+) facing up;

Step 4: Install smart key in place in the reverse order of removal;

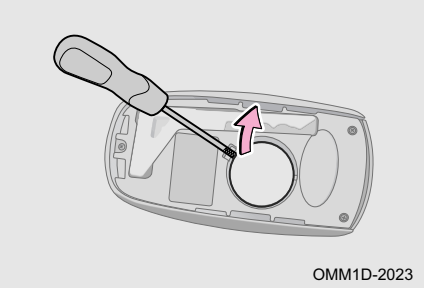
Step 5: After replacing the battery, check if the smart key operates properly (press any smart key button to confirm that indicator comes on). If the smart key cannot operate properly, please contact Chery authorized service station for inspection and repair as soon as possible.

Smart key (type B)



OMM1D-2021

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



OMM1D-2023

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

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

Step 4: After replacing the battery, check if the smart key operates properly. If the smart key cannot operate properly, please 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

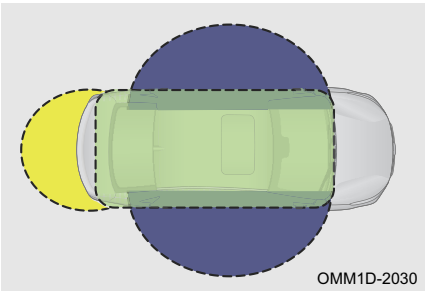
- Make sure that positive and negative terminals of battery are placed correctly.
- Do not bend electrode and terminal when installing battery.
- Make sure your hands are dry and away from water when replacing the battery.
- Only use the battery type (3V-CR2032 lithium battery) recommended by Chery.
- 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.
- There are some difficulties when replacing key battery. It is recommended that you replace it at Chery authorized service station.

⚠ WARNING

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

Effective Range

Detectable area



Starting or switching power area

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

Unlocking/locking area

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

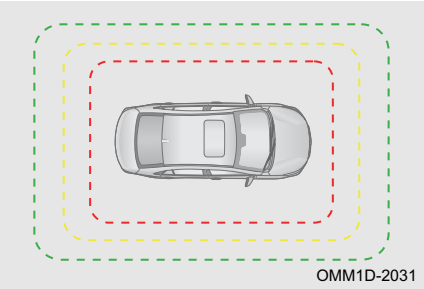
Opening back door area

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

READ

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

Automatically sensing area (If equipped)



Smart turning on courtesy lights area

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

Away from locking area

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

Approaching to unlocking area

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

READ

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

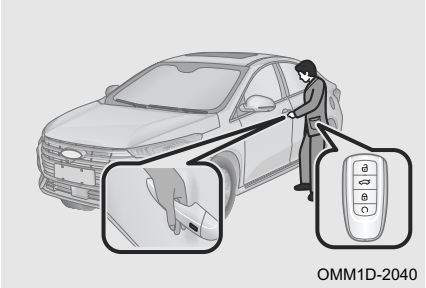
Function limit

■ Smart key may be not detected in the following conditions:

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

Keyless Entry

Unlocking doors

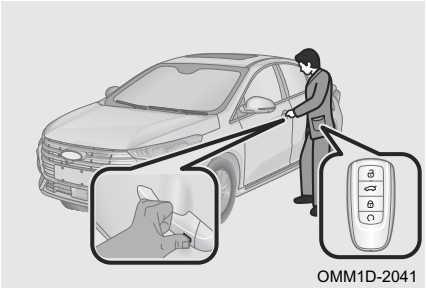

OMM1D-2040

Method 1 (if equipped): Press microswitch on door handle when carrying smart key, the system automatically recognizes validity of smart key and doors automatically unlock.

Method 2 (if equipped): Touch the unlock sensing area with four fingers when carrying smart key on your person, the system automatically recognizes validity of smart key and doors automatically unlock.

Method 3 (if equipped): Approach vehicle when carrying smart key, courtesy lights will turn on, the system automatically recognizes validity of smart key and doors automatically unlock.

Locking doors


OMM1D-2041

Method 1 (if equipped): Press microswitch on door handle when carrying smart key, the system automatically recognizes validity of smart key and doors automatically lock.

Method 2 (if equipped): Touch the lock sensing area with fingers when carrying smart key on your person, the system automatically recognizes validity of smart key and doors automatically lock.

Method 3 (if equipped): Leave vehicle when carrying smart key, the system automatically recognizes validity of smart key and doors automatically lock.

READ

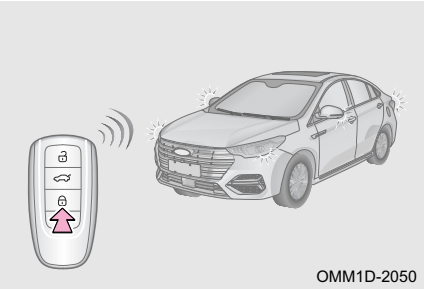
- The left front door handle types are different depending on the configuration of the vehicle. Please refer to the actual vehicle.
- Smart key sensing unlock/lock need to be set in audio system (for details, refer to "Audio System").
- Sensing unlock/lock function is turned off after the vehicle is locked for 3 days, restarting the engine will restore sensing unlock/lock function.

⚠ CAUTION

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

Vehicle Fortifying

Fortifying operation


OMM1D-2050

■ Fortifying mode

Switch vehicle power to OFF mode, four vehicle doors and back door are closed, lock doors (for details, please refer to the "Smart Key" in this section) to enter the fortified status.

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

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

■ Secondary fortifying mode

After deactivating vehicle fortifying, if four doors and back door are not operated, the vehicle will lock automatically and enter fortifying state after 30 seconds. If any of the four doors and back door is opened, the vehicle will exit secondary fortifying mode.

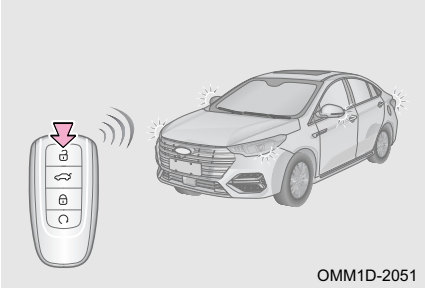
READ

Fortifying prompt is set in audio system (for details, refer to "Audio System").

⚠ CAUTION

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

Fortifying deactivation operation


OMM1D-2051

Unlock doors (for details, please refer to the "Smart Key" in this section) to exit the fortified mode.

Successful deactivating prompt: Turn signal light flashes twice.

Immobilizer System

Engine immobilizer system

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

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

1. Smart key is in contact with a metallic object.
2. Do not modify or remove engine immobilizer system.
3. Smart key is too close to or contacts smart key (key with a built-in transponder chip) of another vehicle.

⚠ CAUTION

- Do not match the smart key by yourself, otherwise the engine immobilizer system may not work properly.
- If the engine fails to start, but the starter works normally, it may be due to the interference of engine immobilizer system, please contact Chery authorized service station immediately for inspection and repair immediately.

Vehicle anti-theft system

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

READ

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

Smart Key Vehicle Locating (If Equipped)

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

Remote Starting Vehicle (If Equipped)

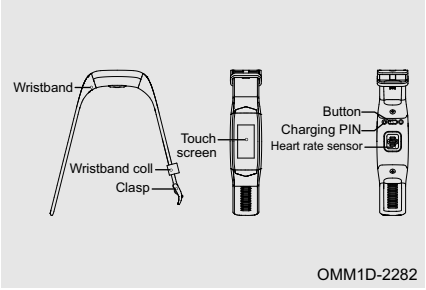
While vehicle power is switched to OFF mode, vehicle is locked and smart key is not in vehicle, press lock button or remote starting button (if equipped) on the smart key and hold for several seconds to start it remotely and A/C turns on automatically at the same time. The vehicle will automatically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

READ

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

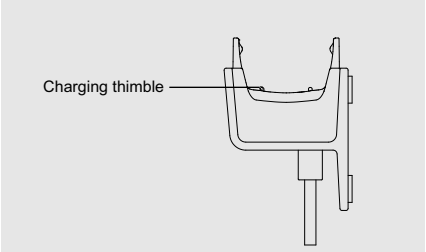
3-2. Smart Bracelet Key

Smart Bracelet Key (If Equipped)



OMM1D-2282

Smart bracelet key.



OMM1D-2283

Smart bracelet charging base.

APP Downloading and Binding

OMM1D-2284

Step 1: APP downloading;

Scan the QR code on the left, or search for the mobile app "Chery Wear" in the APP Store/Google Play.

Step 2: Binding of bracelet with phone;

Turn on the "Chery Wear" APP, register/log in, switch to the [Device] list and select [MyChery] to complete the pairing and binding with the bracelet.

READ

- Make sure the Bluetooth of your phone is switched on. During the connection, place the bracelet close to the phone. One smart bracelet can only be connected to one phone.
- Turn on the position permission of "Chery Wear", and the GPS of mobilephone, if your mobilephone is Android 6.0 and above system.

Step 3: APP settings.

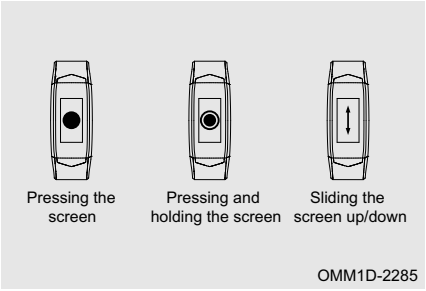
To ensure that the Bluetooth connection between the bracelet and the phone is stable and that the bracelet can receive the notifications for phone message push stably, please set the message notification permission of "Chery Wear" APP on.

The setting method is as follows: Enter the "Mine" list of APP, select the "User Help" menu, select "Phone Setting Method" to identify the setting method suitable for the brand of your phone, and set your phone according to the setting procedure.

Use

The bracelet, once bound successfully, can provide such functions as time display, sports data recording, step counting, calorie consumption recording, sleep monitoring, heart rate monitoring, and message reminder.

Smart bracelet supports various operation modes including: rotating wrist to display; sliding the screen up and down to switch the classified modules; pressing the screen to switch the information display; pressing and holding to select; bottom button, etc.



To know the operation methods of bracelet functions, visit "How to operate Smart Bracelet" in "Chery Wear" APP.

Main Functions of Bracelet

Function	Description	Function	Description
Smart key	Passive start (PEPS)	Other	Time/Date/Battery Display
	Remote car locking/ unlocking		Motion display
	Remote trunk opening		Key/Touch operation
	Window remote control		Finding the phone
	Remote engine start(if configured)		3ATM waterproofness
	Remote control car searching (if configured)		OTA upgrade

<table>
<tr><th>Function</th><th>Description</th><th>Function</th><th>Description</th></tr>
<tr><td rowspan="6">Sports and health</td><td>Automatic step record</td><td rowspan="6">Messag-e remind-er</td><td>Message reminder (-Telephone /SMS/ WeChat, etc.)</td></tr>
<tr><td>Sports mileage record</td><td>Reminder (Alarm clock/ Sedentary /Sports compliance/Bluetooth off)</td></tr>
<tr><td>Calorie consumption record</td><td>Message details browsing</td></tr>
<tr><td>Sports modes (outdoor, indoor, cycling)</td><td>Alarm clock by vibration</td></tr>
<tr><td>Sleep monitoring</td><td>Schedule reminder</td></tr>
<tr><td>Heart rate monitoring (static, dynamic)</td><td>Low battery reminder</td></tr>
<tr><td>Low power mode</td><td colspan="3">When the battery capacity is lower than 10%, the general functions except for PEPS of the bracelet will be disabled. Please charge the bracelet as soon as possible.</td></tr>
<tr><td rowspan="2">Physical button</td><td colspan="3">If the bracelet crashes, press the physical button 7 seconds to restart forcibly.</td></tr>
<tr><td colspan="3">When the power of the bracelet drops to 10%, turn off the bracelet function and touch screen RKE function, press the physical button of the bracelet to unlock/lock the vehicle within the range of the bracelet remote control.</td></tr>
</table>

Low Power Mode

When the battery capacity is lower than 20%, a low battery reminder will be given and the display will show "Please charge".

When the battery capacity drops to 10%, the bracelet will enter the low power mode. At this time, all functions except for PEPS are disabled.

Note: When the bracelet enters the low power mode, please charge it in time to avoid that the car cannot be locked after the bracelet battery is exhausted.

Charge

Plug the charging base into the power outlet (charging voltage 5V ±0.25V, current ⩽500mA), and align the charging PIN on the bracelet with the charging thimble on the charging base for charging.

Note: When the bracelet indicates low battery, please charge it in time.

Notices

1. Avoid wearing the bracelet too tightly in daily use. Keep the contact area of the bracelet dry and regularly clean the bracelet with water. If any skin irritation symptom appears in the contact area, please remove the bracelet and consult a doctor.
2. After selecting to measure the heart rate on the bracelet, keep your wrist still during the measurement.
3. If your wrist is sweaty after sports, clean and dry your wrist and bracelet, and then wear it again.
4. Try to keep the heart rate monitoring window and the charging interface clean.
5. Prevent the bracelet from being exposed to extremely high/low temperature for a long term.

Waterproof Instructions

The waterproofness rating of smart bracelet is 3ATM.

Therefore, you can wear it in general daily occasions such as swimming, surfing, diving and snorkeling.

However, the following conditions may affect the waterproofness of the bracelet, and thus should be avoided during use:

1. Enter an environment of high temperature, high humidity and high pressure (e.g. sauna, hot spring, or professional diving) with bracelet on hand.
2. If you wear the bracelet on the beach, avoid direct contact with the sand on the beach. Pay attention to clean the main body with fresh water in time to avoid scratching the screen.
3. The touch screen of the bracelet does not support operation with water. Therefore, when the bracelet is wet, please dry the surface with a soft cloth at first.
4. Avoid dropping or otherwise impacting the bracelet.

Hazardous Substances

Part Name	Toxic or harmful substances or elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr (VI))	Polybrominated biphenyl (PBB)	Polybrominated diphenyl ether (PBDE)
Main unit	X	O	O	O	O	O
Wristband	O	O	O	O	O	O
Battery	X	O	O	O	O	O

Part Name	Toxic or harmful substances or elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr (VI))	Polybrominated biphenyl (PBB)	Polybrominated diphenyl ether (PBDE)
Charging base	O	O	O	O	O	O

This table is prepared in accordance with the provisions of SJ/T 11364.
O：Indicating that the content of the hazardous substance in all homogeneous materials of the part is below the limit specified in GB/T 26572.
X：Indicating that the content of the hazardous substance in at least one certain homogeneous material of the part exceeds the limit specified in GB/T 26572 but there is no mature alternative available in the industry, and that the environmental requirements of the EU RoHS Directive are satisfied.

⚠ CAUTION

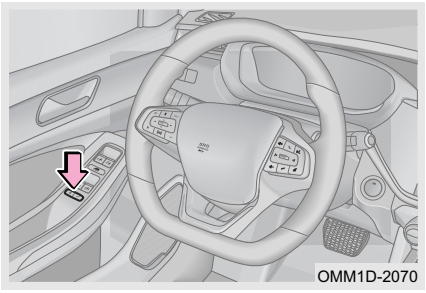
The indicated environment-friendly use period of the product refers to the safe period of time during which the harmful substances or elements contained in the product will not leak under normal use conditions.

Scanning QR code to view electronic instructions.

OMM1D-2286

3-3. Doors

Door Lock Switch


OMM1D-2070

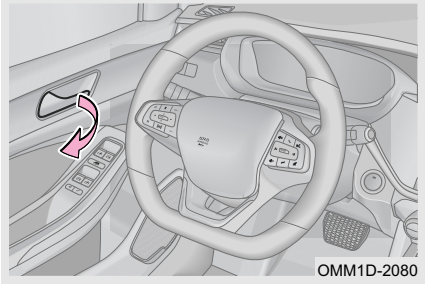
When doors are locked, press " 🔓 " switch to unlock doors.

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

READ

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

Unlocking Doors with Inside Handle


OMM1D-2080

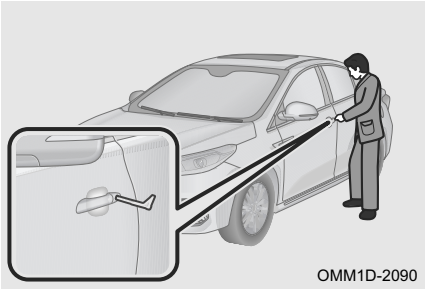
When doors are unlocked, pull door inside handle simply to open door.

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

Door Mechanical Switch

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

Unlocking/locking front left door manually



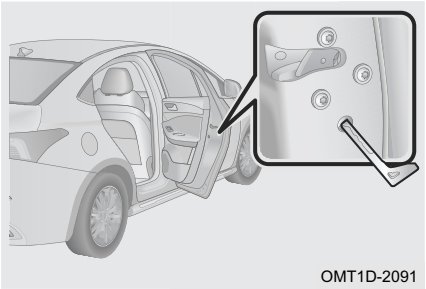
Step 1: Insert mechanical key into hole under front left door handle cover. Turn the key upwards to pry the cover;

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

READ

The left front door handle types are different depending on the configuration of the vehicle. Please refer to the actual vehicle.

Locking front right door/rear doors manually



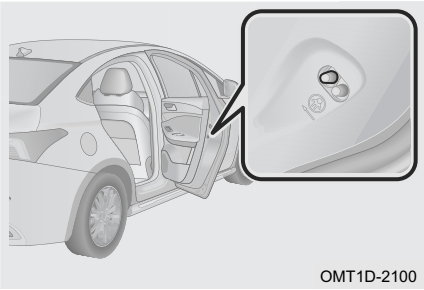
Step 1: Remove the rubber protective film from the door panel edge lock body; Press down the yellow lock knob with key tip, thus the locking operation on front right door/ rear doors can be achieved;

Step 2: Attach the rubber protective film and close front right door/rear doors. Pull the door handle to make sure the doors are locked.

READ

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

Child-Protection Lock


OMT1D-2100

The child-protection lock is located at inner side of rear doors.

Lock: Move the lock lever towards the arrow direction.

Unlock: Move the lock lever opposite to the arrow direction.

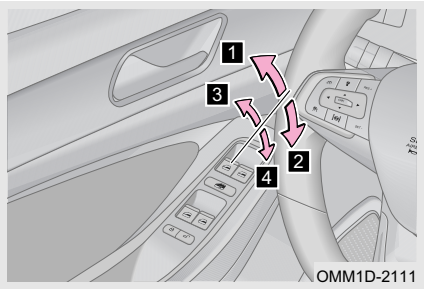
⚠ WARNING

- The system is independent and can not replace the central lock mechanism in any case.
- Make sure that all doors are closed before driving, otherwise accidents and personal injury may occur.
- When a child is seated in vehicle rear seat, always lock child-protection locks to prevent rear door being opened accidentally while driving.
- After child-protection lock is locked, in case of a collision or other accidents, if there is someone in vehicle, remember that, rear door can only be opened from outside.
- In hot weather, if vehicle stalls and all doors and windows close, do not allow any animal or child in vehicle alone. Otherwise, even if it is a short time, it may cause serious injury even death due to sharp temperature rise.

3-4. Windows

Power Windows

Usage method



OMM1D-2111

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

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

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

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

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

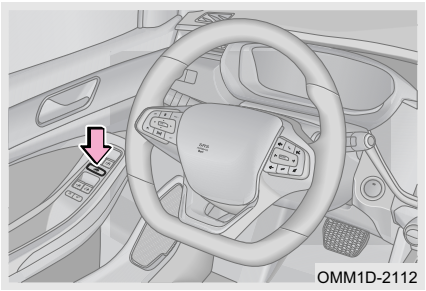
READ

- Only vehicles with window jam protection function have one-touch window raising function.
- At the moment of starting engine, window up and down operation will be suspended to provide large current for engine starting.
- If the door is not opened within 2 minutes while vehicle power is switched to OFF mode, the power window can be operated.
- After leaving vehicle in low temperature environment for a long time, when operating power window switch, window glass cannot be fully opened or closed. In this case, release the switch and then press again, repeat 3 to 5 cycles to recover.

WARNING

- To avoid personal injury, it is driver's responsibility to guide all passengers to operate power window up/down switch, meanwhile, especially to prevent the wrong operation of children. Make sure that vehicle power has been switched OFF mode or non-mechanical device is in the same state when leaving the vehicle.
- Take extra care to close windows, failure to do so may cause serious against injury! For models without window jam protection function, when window glass rises, passenger body may be caught, resulting in serious injury. For models with window jam protection function, jam protection function can be activated in jam protection area to protect passenger. However, for the thin or soft objects, jam protection function may be not activated, resulting in serious injury.

Passenger side window OFF switch


OMM1D-2112

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

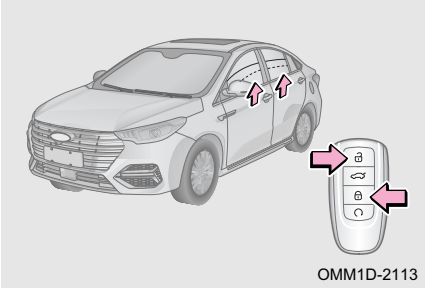
Window Remote Control Function (If Equipped)

Remote control window down function

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

Remote control window up function (for models with jam protection function)

While vehicle power is switched to OFF mode, four doors are closed, press lock button on smart key or touch the lock sensing area with fingers (carry smart key on your person), the vehicle will enter fortifying status and the window glass of four doors will rise up automatically.


OMM1D-2113

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

READ

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

WARNING

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

Window Jam Protection Function (If Equipped)

Jam protection function

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

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

Canceling jam protection function

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

Overheat protection function

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

Manual learning function

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

Step 1: Switch vehicle power to ON mode;

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

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

Step 4: Try to operate auto window up function;

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

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

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

READ

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

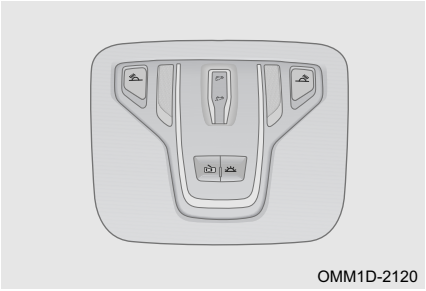
CAUTION

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

3-5. Power Moon Roof

Power Moon Roof (If Equipped)

Usage method



OMM1D-2120

Press "" switch when moon roof is closed, the moon roof will tilt up.

Press "" switch when moon roof tilts up, the moon roof will close.

Press "" switch when moon roof is closed, the moon roof will slide to open.

Press "" switch when moon roof is open, the moon roof will slide to close.

READ

- When you find that there is a false jam protection, please go to Chery authorized service station for inspection and repair as soon as possible.
- The moon roof jam protection function fails, initial memory position may be lost, therefore, it is necessary to recalibrate position.

CAUTION

- When moon roof is frozen or covered with snow, forcibly opening moon roof will damage the moon roof glass and the motor.
- When moon roof is open, do not close sun visor by force. Otherwise the moon roof may not work properly or related parts are damaged.
- If there is water on moon roof after raining, to prevent water from flowing into cab when opening moon roof, always wipe off water or tilt moon roof up to remove these water before opening it.
- Regularly clean the dust and debris in moon roof rails and strips with water. After vehicle washing or raining, completely wipe the water on the moon roof glass before using.

WARNING

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

Initialization method

Step 1: Press "" switch when moon roof is closed, the moon roof will tilt up;

Step 2: Press "" switch again, release it after moon roof starts to turn back (a movement), then moon roof will be reinitialized.

READ

If moon roof can not be initialized, please go to Chery authorized service station to perform it by professionals.

Moon Roof Remote Control Function (If Equipped)

Moon roof remote control open function

With vehicle in fortifying mode, press and hold unlock button on key for 3.5 seconds, then moon roof opens automatically. Press unlock button or lock button during this process again, moon roof will stop opening.

Moon roof remote control close function

While vehicle power is switched to OFF mode, close four doors simultaneously, press lock button on key or door handle switch, the vehicle will enter fortifying status and moon roof will close automatically. During moon roof automatic closing, press the lock button, unlock button or door handle switch once again to stop moon roof close operation.

⚠ WARNING
When closing moon roof using remote control function, operator must see vehicle clearly and confirm that passengers cannot be caught by moon roof; After moon roof is closed, confirm that ENGINE START STOP switch is turned off and the moon roof is closed before leaving.

3-6. Audio System

Audio View

VOL+ Volume+ button

Click to increase volume.

VOL- Volume- button

Click to decrease the volume.

Power button

Click to turn on / off the audio system.

Home page button

Click to back to audio main screen.

NAVI Navigation button

Click to enter navigation.

Cloudrive interconnection button

Click to perform phone-link.

SET SET button

Click to enter setting.

Vehicle setting button

Click to enter vehicle setting.

AVM Around view monitor button

Click to enter around view monitor.

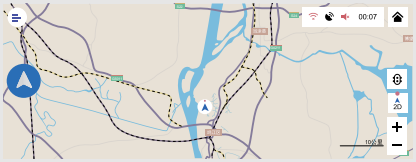
Power button/volume adjustment knob

Click to turn on/off the audio system. In case of abnormal operation, the system can be restarted by long pressing the power button. Turn it clockwise to increase the volume, turn it counterclockwise to decrease the volume.

Note: Swipe down on main audio screen to display the air conditioning system screen; According to the different vehicle configuration, audio control panel type is different, Please refer to the actual vehicle.

Audio Operation

Navigation (if equipped)



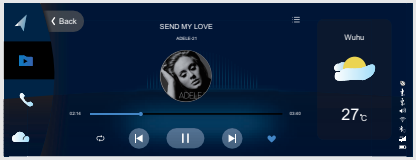
OMM1D-2241

Method 1: Click " " button on audio head unit to enter the navigation screen.

Method 2: Click " NAVI " button on audio control panel to enter the navigation screen.

Method 3: Click Amap on Cloudrive screen to enter navigation screen.

Multimedia

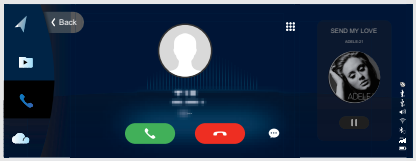


OMM1D-2242

Click " " button on audio head unit to enter the multimedia screen.

Multimedia includes radio, music, pictures and videos.

Bluetooth phone



OMM1D-2243

After audio head unit (SET - Bluetooth) is connected to mobile Bluetooth, click " " button on audio head unit to enter Bluetooth phone screen.

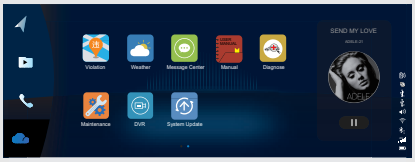
Cloudrive

OMM1D-2244

Click " " button on audio head unit to enter Cloudrive screen.

Cloudrive includes settings, vehicle settings, Amap, emergency contacts, road rescue and other applications.

Electronic manual

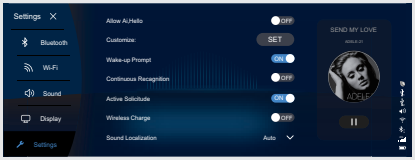


OMM1D-2244

Click user manual on Cloudrive screen to check the detailed operating instructions of audio system.

Audio Setting

Setting



OMM1D-2245

[Bluetooth]: Click to enter Bluetooth setting screen to set Bluetooth connection.

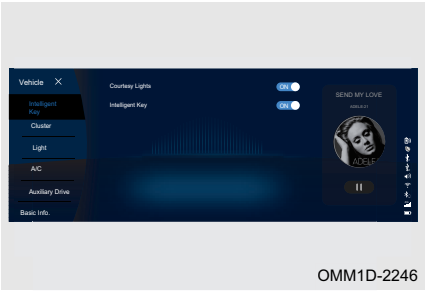
[Wi-Fi]: Click to enter Wi-Fi setting screen to set Wi-Fi hotspots and Wi-Fi.

[Sound]: Click to enter sound setting screen to set button tone, loudness, incoming broadcast, default volume, voice broadcast, vehicle speed volume, Arkamys sound effect, sound field setting, sound effect setting, volume adjustment and reset default.

[Display]: Click to enter display setting screen to set screen switch, video limit switch, screen brightness setting, wallpaper setting, theme setting and reset default.

[System Setting]: Click to enter system setting screen to set "Hello, Xiaoai", custom wake-up words, wake-up prompt, continuous recognition, active solicitude, wireless charge, phone forgotten, sound localization, steering wheel MODE key definition, radio area setting, phone-link setting, version information, storage space, and reset default settings.

Vehicle setting



OMM1D-2246

[Smart Key]: Click to enter smart key screen to set courtesy lights, smart key sensing unlock / lock.

[Meter Setting]: Click to enter the meter setting screen to set meter backlight level setting and meter time.

[Light Setting]: Click to enter the light setting screen to set daytime running light, intelligent high beam assist, headlight delay and atmosphere light.

[A/C Setting]: Click to enter the A/C setting screen to set cabin automatic air change, cabin automatic cleaning.

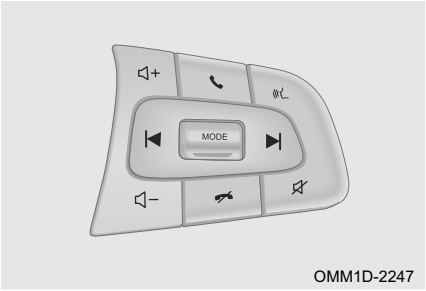
[Auxiliary Drive Setting]: Click to enter the auxiliary drive setting screen to set blind area monitoring, distance warning system, speed limit assistance, automatic emergency braking system, front collision warning system, adaptive cruise system and lane departure sensitivity setting.

[Vehicle Basic Setting]: Click to enter the vehicle basic setting to set auto lock, exterior mirror auto folding, fortifying prompt, vehicle language/Language and reset default.

READ

- Enter to vehicle setting after switching vehicle power to ON mode.
- The settings are different depending on the configuration of the vehicle. Please refer to the actual vehicle.
- The setting of atmosphere light can display different colors of atmosphere light according to the sound effect or the switching of driving mode.

Audio Button



OMM1D-2247

Increase volume button " ◁+ ":

Short press: Increase volume; Long press: Increase volume continuously.

Decrease volume button " ◁− ":

Short press: Decrease volume; Long press: Decrease volume continuously.

Answer button " 📞 ": Answer the call or enter Bluetooth screen.

Hang up button " 📵 ": Hang up the call.

Voice recognition button " 🎙 ": Short press to wake up the voice recognition function; Long press to wake up the Siri function,CarLife voice function (need to be connected with phone).

Audio mute button " 🔇 ": Mute the audio.

Mode switch button "MODE": Switch the mode: Radio - USB - Bluetooth music - local store music - radio.

Switch button "⏮ ⏭" to left and right:

Music: Previous/next switch; Radio: Previous/next station.

Voice Recognition Function (If Equipped)

Voice recognition function allows voice control of navigation (if equipped), phones, windows, etc., to make you can have a better experience while driving.

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

Method 1: Directly say "Hello, Xiaoai" to enable the voice recognition function.

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

Phone-link

Baidu Carlife (Android) (If Equipped)

Specific operating procedures are as follows:

Step 1: Carlife application is installed in smart device;

Step 2: Connect USB port and phone with original phone data cable;

Step 3: Enter Carlife application operation screen.

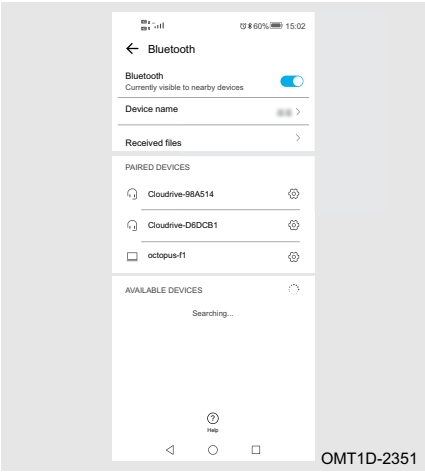
QDlink (Android)

■Download method

QDLink App is downloaded to your phone by any of the following methods:

1. Scan the QDLink QR code to download.
2. Scan the Google QR code to download.
3. Search and download in Google Play.

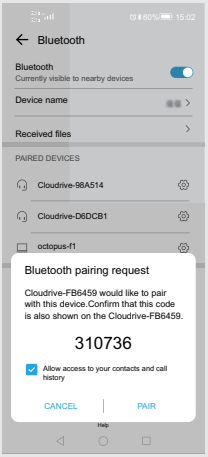
■Connecting method



Step 1: Turn Bluetooth to ON on Settings (Bluetooth) screen of phone;

OMT1D-2352

Step 2: Turn Bluetooth to ON on Settings (Bluetooth) screen of audio, search and connect device, and Bluetooth pairing request will be popped up on phone;

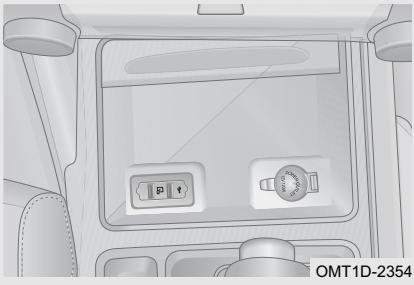


OMT1D-2353

Step 3: Select PAIR on Bluetooth pairing request screen of phone to complete the Bluetooth pairing operation;

OMT1D-2356

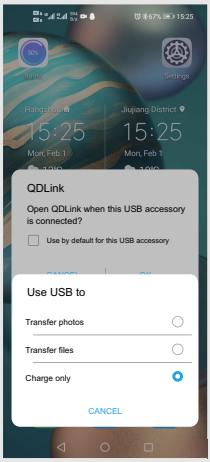
Step 4: Click the QDLink application;



OMT1D-2354

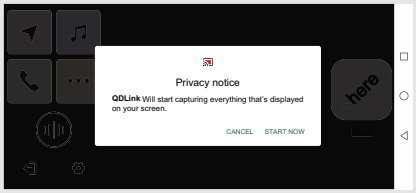
Step 5: Connect USB port and phone using original data cable, and USB permission request will be popped up on phone;

Note: Only USB port " " supports QDlink screencast function.



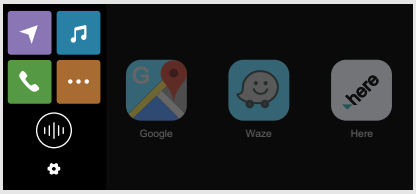
OMT1D-2355

Step 6: Select Transfer files on USB permission request screen, turn QDLink to ON when connecting USB is agreed, and screencast request screen will be popped up on phone;



OMT1D-2357

Step 7: Select START NOW on screencast request screen of phone;

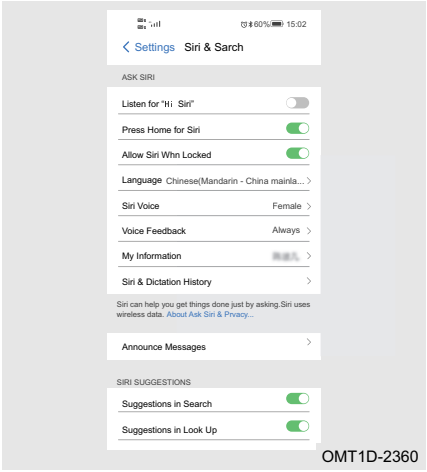


OMT1D-2358

Step 8: Enter QDlink screencast screen.

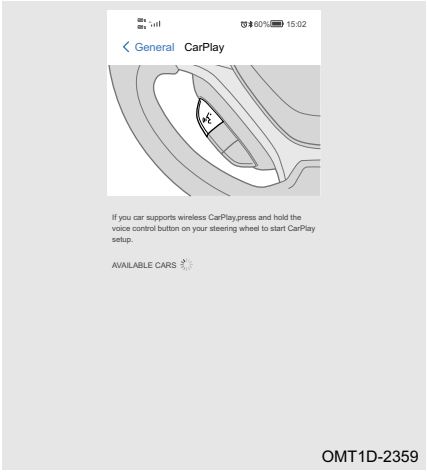
Apple CarPlay (iOS)

■Connecting method



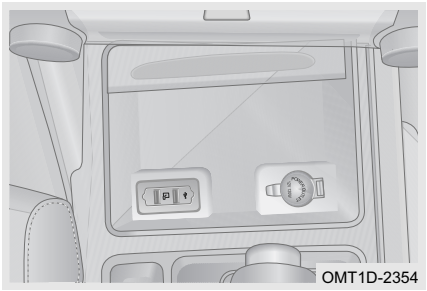
OMT1D-2360

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



OMT1D-2359

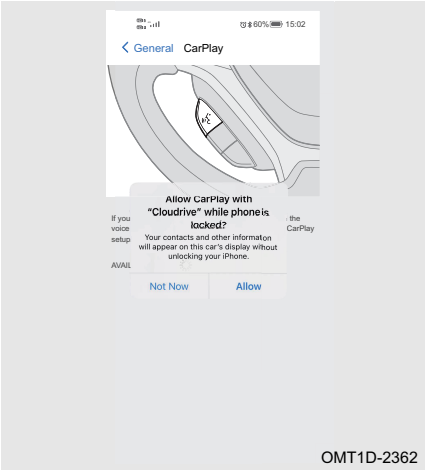
Step 2: Turn CarPlay to ON on Settings (General) screen of phone;



OMT1D-2354

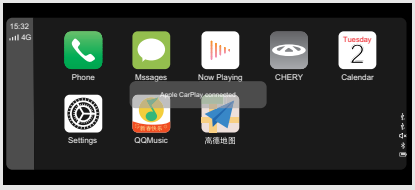
Step 3: Connect USB port and phone using original data cable;

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



OMT1D-2362

Step 4: Select Allow on CarPlay permission request screen;



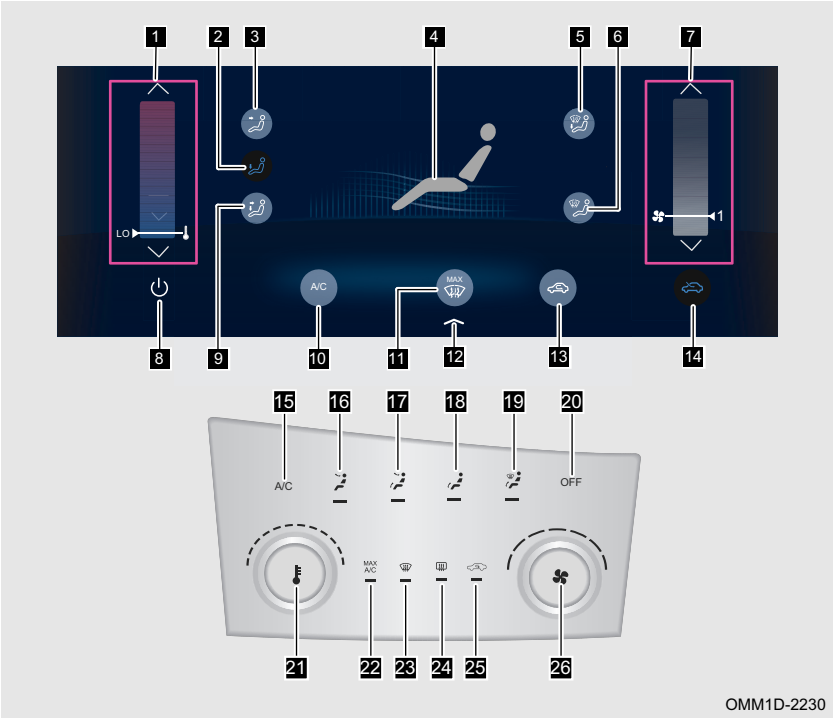
OMT1D-2361

Step 5: Enter Apple CarPlay screencast screen.

3-7. A/C System

A/C System

A/C system (type A)



1 Temperature adjustment area	10 A/C soft button	19 Defrosting/foot mode button
2 Foot mode soft button	11 Front windshield defogging and defrosting soft button	20 A/C switch button
3 Face mode soft button	12 A/C quick screen soft button	21 Temperature adjustment knob
4 Mode display area	18 Recirculated soft button	22 MAX A/C button
5 Defrosting/foot mode soft button	14 Outside circulation soft button	23 Front windshield defogging and defrosting button
6 Defrosting mode soft button	15 A/C button	24 Rear defrosting button

7 Air speed adjustment area

8 A/C switch soft button

9 Face/foot mode soft button

16 Face mode button

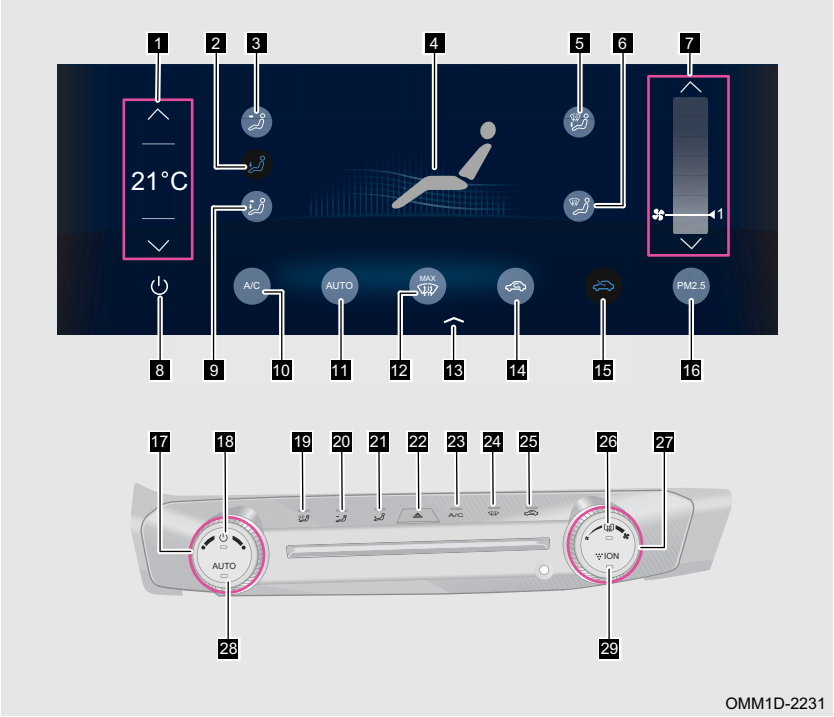
17 Face/foot mode button

18 Foot mode button

25 Outside/recirculated air mode button

26 Air speed adjustment knob

A/C system (type B)



1 Temperature adjustment area	11 AUTO soft button (if equipped)	21 Foot mode button
2 Foot mode soft button	12 Front windshield defogging and defrosting soft button	22 Hazard light switch
3 Face mode soft button	13 A/C quick screen soft button	23 A/C button
4 Mode display area	14 Recirculated soft button	24 Front windshield defogging and defrosting button
5 Defrosting/foot mode soft button	15 Outside circulation soft button	25 Outside/recirculated air mode button
6 Defrosting mode soft button	16 Air purification soft button (if equipped)	26 Rear defrosting button
7 Air speed adjustment area	17 Temperature adjustment knob	27 Air speed adjustment knob
8 A/C switch soft button	18 A/C switch button	28 AUTO button (if equipped)

- 9 Face/foot mode soft button
- 19 Defrosting mode button
- 25 Air purification button (if equipped)
- 10 A/C soft button
- 20 Face mode button

Note: The types are different depending on the configuration of the vehicle. Please refer to the actual vehicle.

Temperature adjustment

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

Airflow volume adjustment

The air conditioning airflow volume can be adjusted by operating the air speed adjustment knob on air conditioning control panel or airflow volume adjustment area on display.

Outside/recirculated air mode button

The outside/recirculated air mode switched by operating the outside/ recirculated air mode button on air conditioning control panel or display.

■Use the recirculated air mode under following conditions:

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

Mode adjustment button

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

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

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

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

Note: Face mode and defrosting mode cannot be combined.

READ
If windshield windows become fogged-up during driving, defrosting mode is recommended. For details, refer to front windshield defogging and defrosting button in this section.

A/C switch button

The air conditioning system can be turned off by operating A/C switch button on air conditioning control panel or A/C switch button on the display screen.

A/C button

The air conditioning cooling achieved by operating the A/C button on air conditioning control panel or the A/C button on display.

MAX A/C button (if equipped)

Max cooling function achieved by operating MAX A/C button on air conditioning control panel. Recirculated air mode is turned on forcibly, outlet

mode is face mode, the level of airflow volume is the maximum, temperature is the minimum.

AUTO button (if equipped)

The air conditioning system enters auto mode by operating AUTO button on air conditioning control panel or AUTO button on the display screen.

In the automatic mode, Air Quality Control System (AQS) will automatically turn on the recirculated air mode when it detects the outside air quality level dropping. When the air quality returns to an appropriate level, the recirculated air mode will automatically close; Air Quality Control System (AQS) is not designed to detect odorous gases; when ambient temperature is no more than 2°C, the Air Quality Control System (AQS) does not respond to avoid the risk of windshield and window fogging.

In the automatic mode, click the AUTO button on display will not exit from automatic mode.

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

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

Air purification button (if equipped)

Operate the air purification button on the air conditioning control pane to start the air purification function; Using the air purification soft button on the display can only enter the air purification display screen, but it cannot be used to turn on/off the air purification function.

Note: After the air purification function is turned on, the air volume is adjusted to OFF, the temperature is adjusted to LOW/HI, the outside/recirculated air mode is switched on, the front windshield defogging and defrosting function is turned on, and then the air purification function is turned off.

READ

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

Front windshield defogging and defrosting button

The defogging and defrosting function achieved by operating front windshield defogging and defrosting button on air conditioning control panel or display screen. Most of the airflow blows to front windshield, a small amount of airflow blows to side windshield.

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

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

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

Step 2: Adjust air volume to the max level;

Step 3: Adjust temperature to comfortable temperature;

Step 4: Adjust mode to defrosting mode or defrosting/foot mode.

READ

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

⚠ CAUTION

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

Rear defrosting button

The rear windshield/outside rear view mirror defrosting function achieved by operating rear defrosting button on air conditioning control panel or display, and it will automatically shut off after the function works for approximately 20 minutes.

⚠ CAUTION

- Outside rear view mirror defrosting function is not standard. Please refer to the actual vehicle.
- Do not scratch or damage the heater wires when cleaning the rear windshield/outside rear view mirror.
- When the battery is low, the rear windshield/outside rear view mirror defrosting function cannot be turned on to ensure that vehicle starts normally.
- Make sure that the rear windshield/outside rear view mirror defrosting function are turned off when the fog and frost on rear windshield/outside rear view mirror surface are cleared.

> ⚠ WARNING
>
> To prevent burning yourself, do not touch the rear windshield/outside rear view mirror when the rear windshield/outside rear view mirror defrosting function is operating or has just turned off.

Air Outlets Airflow Control

Center outlets

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

Side outlets

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

Armrest outlets

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

Air Conditioning Cooling Operation

Power air conditioning cooling (if equipped)

When the engine is working:

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

Automatic air conditioning cooling (if equipped)

When the engine is working:

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

For your convenience and to improve the refrigeration effect of the air conditioner, operate the AUTO button on air conditioning control panel or display and set the A/C temperature to 22°C.

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

■ For the best cooling effect, please keep the surface of the A/C filter clean without obvious blockage and operate as follows:

Step 1: Adjust air volume to the max level;

Step 2: Adjust temperature to max cool;

Step 3: Adjust outside/recirculated air mode adjustment to recirculated air mode;

Step 4: Adjust mode adjustment to face mode;

Step 5: Turn on the refrigeration system (A/C compressor is turned on, A/C indicator comes on).

READ

- Surface dirt and block in A/C condenser surface may cause poor refrigeration effect, please keep condenser clean.
- When air is cooled down quickly in hot and humid condition, fog may be seen from outlet, it is normal physical phenomenon.
- When the temperature is low, such as in winter, even if indicator comes on after operating A/C button, A/C compressor still cannot be started.
- After A/C system cooling operation, there may some water dripping from the A/C drain pipe and form a pool under vehicle, which is normal.
- Refrigerant filled in air conditioning system will decrease as time, if you feel refrigeration effect of air conditioning is poor, please go to Chery authorized service station for inspection and repair in time.
- It is recommended to turn on A/C refrigeration system not less than 5 minutes every month and open the window simultaneously, this will help to prevent A/C system damage due to lack of lubricant, and also prevent evaporator odor due to moist and germ.
- If A/C is on and vehicle is continually climbing long slopes, or is in heavy slow moving traffic for a prolonged period, the engine may become overheated. Please observe the high coolant temperature warning light. If engine is overheating, it is recommended to turn off A/C.
- After temperature in vehicle is decreased to lower temperature, to reduce the influence to power system power and fuel consumption, compressor will turn off automatically, so if using A/C in spring and autumn seasons with low temperature, the compressor will be turned on or off automatically, this is normal.
- During sudden acceleration, overtaking and climbing, power system needs more power for compensation. At this time, if the A/C is operating, the compressor may be turned off automatically, if it does not turn off and you feel lack of power, it is recommended to turn off A/C.

⚠ WARNING

- To extend service life of A/C system, do not use the A/C for a long time with low speed when using A/C refrigeration.
- It is forbidden to repair air conditioning system by yourself, since the high pressure refrigerant is harmful to human, it is necessary to go to Chery authorized service station for inspection and repair.
- Please purchase Chery special refrigerant and compressor lubricant at the Chery authorized service station, or air conditioning system damages sustained by this are not under warranty.
- 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.

Air Conditioning Heating Operation

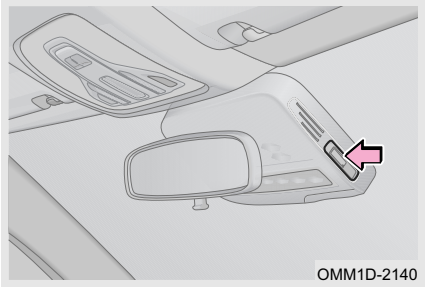
When the engine is working:

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

3-8. Driving Recorder (DVR)

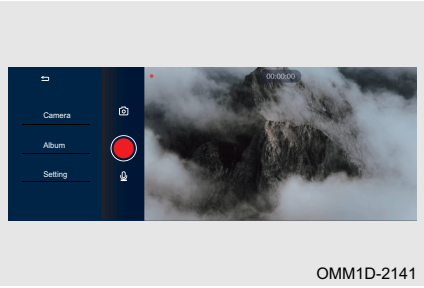
Driving Recorder (DVR) (If Equipped)

The driving recorder can record the video image and sound of the whole driving process, which can provide evidence for traffic accidents; People who like self-driving travel can also use it to record the process of overcoming difficulties and dangers. It records the time, speed and light in the video while driving, which is similar to a "black box".


OMM1D-2140

Please insert TF card of Class 10 or above version before power on, and the partition format of the card is FAT 32 or exFAT.

Connection and display



OMM1D-2141

The driving recorder is connected to the audio head unit through Wi-Fi and is displayed and operated on the audio head unit. Click driving recorder application to enter the real-time screen of it. Click the upper left corner to return to the audio main screen and exit the driving recorder screen.

READ

- There is a certain delay in Wi-Fi transmission, so the real-time view displayed by the audio head unit has a certain delay compared with the actual view in front of the vehicle seen by the human eyes.
- The Wi-Fi connection between the audio head unit and driving recorder may be disconnected after exiting the driving recorder. When click the driving recorder application again, it needs to reconnect Wi-Fi. This process will take a certain time. Please wait patiently.

Normal recording

Start vehicle, the DVR starts recording, the red dot on top left corner of audio head unit real-time screen flashes, and REC is displayed. And the time in middle of the screen increases by seconds.

The normal recording is recorded and stored in normal video folder by sections. When the normal video folder is full, the earliest recorded video will be automatically overwritten.

READ

- Under normal recording, the indicator light of the recorder is blue; Under abnormal conditions, the indicator light of the recorder is red.
- Click " 🎙 " on the real-time screen of audio head unit to turn on/off the sound recording, which is off by default.

CAUTION

Do not unplug the TF card directly during video recording. If the TF card is needed to unplug, please pause the recording or turn off DVR before unplugging.

Emergency recording

When the DVR is in normal working state, in case of collision, the DVR is not damaged and this function is activated, the video before and after the collision is recorded automatically for 10 s.

The emergency recording is recorded and stored in emergency video folder. When the emergency video folder is full, the earliest recorded video will be automatically overwritten, while the audio head unit will prompt with text: DVR emergency video folder is full.

READ

In case of accidental collision, the collision intensity may be insufficient or other factors may exist, which does not guarantee that emergency video files can be generated in each collision. If no emergency video is generated, you can find the video segment when the accident occurs in normal video folder.

Parking monitoring

In the shutdown mode, in case of collision, the DVR is not damaged and this function is activated, it will turn on and automatically record for 20 seconds, and then turn off.

The parking monitoring is recorded and stored in emergency video folder. When the emergency video folder is full, the earliest recorded video will be automatically overwritten, while the audio head unit will prompt with text: DVR emergency video folder is full.

READ

- The parking monitoring function is on by default and can be turned off by setting.
- When the battery power is lower than a certain voltage value and the parking monitoring function is turned on, the DVR cannot be enabled by vibration.
- In case of accidental collision, the collision intensity may be insufficient or other factors may exist, which does not guarantee that the DVR can enable every time to record video.

Take photos and snapshot

Method 1: Set the "Mode" button to snapshot through audio head unit (set - system setting), the "Mode" button of the steering wheel combination key can be used to snapshot.

Method 2: Click " " on the real-time screen of audio head unit to take photos, one photo at each time.

Photo/video playback

Click album on the real-time screen of the audio head unit to see the normal video " " folder, emergency video " " folder and photo " " folder in the memory card.

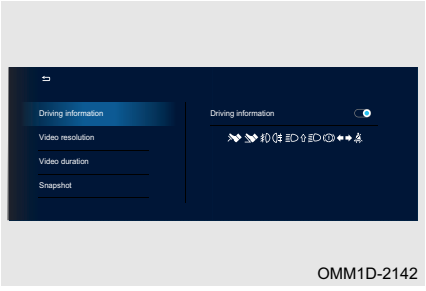
In the normal video or emergency video folder, slide up and down, select and click a video to enter the playback screen to play the video. You can pause, continue, switch between the last and next video segments, and delete video.

In the video file list interface, long press a video, a small circle will appear in the top right corner of the video thumbnail, with " √ " indicating that the video is selected, multiple or single choice is allowed, click Delete to delete the selected video. Deleted video is not recoverable.

During video recording, when the overlay switch of driving information is ON, you can see the date, time and driving status when recording this video in the information bar of video playback screen.

⚠ CAUTION
In the process of deleting video or photos, please do not unplug TF card or power off to avoid damaging TF card.

Setting



OMM1D-2142

You can enter the setting menu screen of the driving recorder (DVR) by clicking the setting soft button. The setting items of the DVR include the following contents:

Driving information overlay: ON (default) /OFF.

Recording resolution: 1080P (default), 720P.

Recording time: 1 minute, 3 minutes (default), 5 minutes.

Snapshot: Take photo, record a video, take photo + record a video (default).

Vibration sensitivity: high, middle(default), low.

Wide dynamic: ON (default)/OFF.

Parking monitoring: ON (default)/OFF.

Recorder memory card: Display TF card capacity and TF card can be formatted.

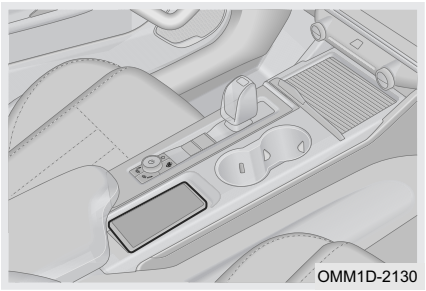
READ
In the process of formatting the TF card and upgrading the software please do not unplug the card or power off to avoid damaging the memory card or recorder.

3-9. Wireless Charging

Wireless Charging (If Equipped)

Wireless charging adopts electromagnetic induction technology, with convenience, versatility, novelty and safety, to make you can have a better experience while driving.

Usage method


OMM1D-2130

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

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

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

READ

- Wireless charging function is set in audio system (for details, refer to "-Audio System").
- Wireless charging function only supports mobile phones with wireless charging function.
- Please put the mobile phone in the center of the mobile phone slot. If you accelerate, decelerate or turn sharply during driving, the mobile phone will shake, which may affect the charging efficiency and stability.

CAUTION

- In the process of normal use of the vehicle, in order to ensure the identification of the vehicle to smart key, there will be a temporary charging shield.
- If your mobile phone does not support the wireless charging function, it is recommended that do not use the wireless charging patch. The quality of the wireless charging patch in the market is uneven, and frequent use is easy to damage (such as function failure, interface poor contact, metal foreign object recognition failure, etc.).

Phone forgetting reminder function

While vehicle power is switched to OFF mode, open driver door and the mobile phone is left in wireless charging sensing area, it will sound an alarm 20 seconds or take the phone out within 20 seconds, the alarm will stop.

READ

- Phone forgetting reminder function is set in audio system, for details, refer to "Audio System".
- Phone forgetting reminder function only supports mobile phones with wireless charging function.

3-10. Storage Space

Storage Space

Door storage boxes

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

Glove box

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

WARNING

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

Armrest box on auxiliary fascia console

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

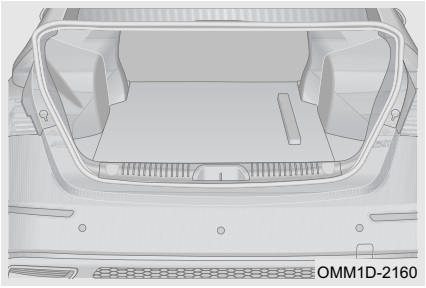
⚠ WARNING

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

Seat storage bags

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

Luggage compartment


OMM1D-2160

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

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

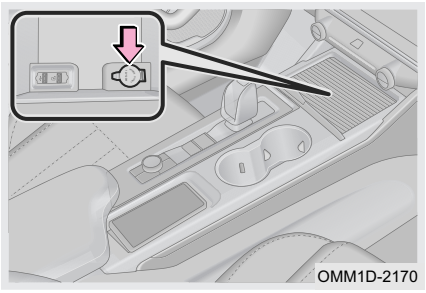
1. Be careful to keep the vehicle balanced.
2. For better fuel economy, do not stow unneeded items.
3. Make sure that the stowing items are not oversize to prevent the back door from closing properly.

⚠ WARNING

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

3-11. Power Outlet

Power Outlet


OMM1D-2170

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

READ

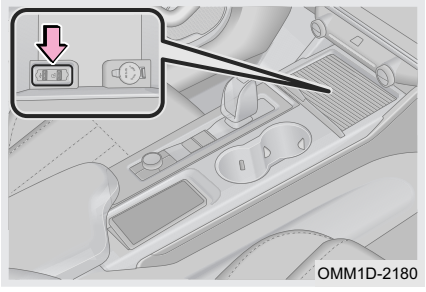
The auxiliary fascia console types are different depending on the configuration of the vehicle. Please refer to the actual vehicle.

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 Port

Front USB port


OMM1D-2180

Front USB port is located in the armrest box on auxiliary fascia console.

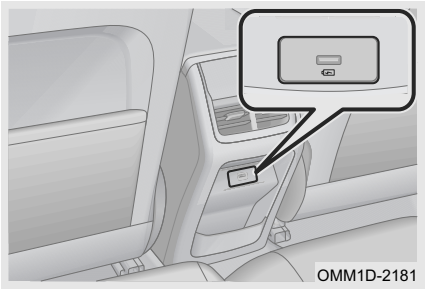
USB port " ": It can be used for reading U disc and charging the electrical equipment with low power, such as phone etc.

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

READ

The auxiliary fascia console types are different depending on the configuration of the vehicle. Please refer to the actual vehicle.

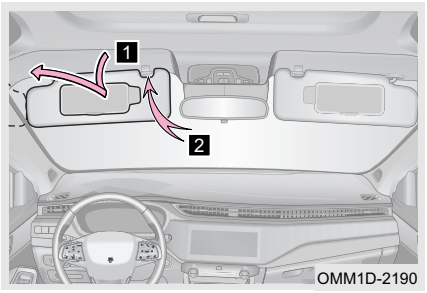
Rear USB port (if equipped)


OMM1D-2181

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

3-12. Sun Visors and Vanity Mirrors

Sun Visors and Vanity Mirrors



OMM1D-2190

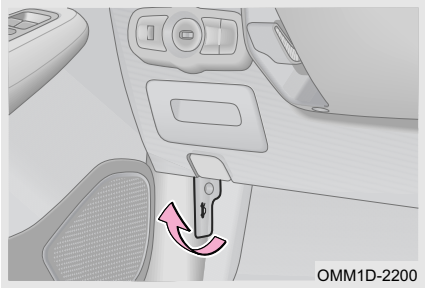
If it equipped with vanity mirror, turn up the vanity mirror cover plate.

1 Flip the sun visor down.

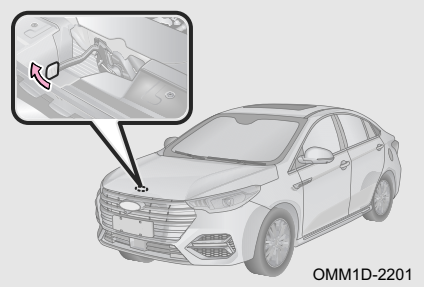
2 Detach the hook and turn it outward to shade sidelight.

3-13. Hood

Opening/Closing the Hood

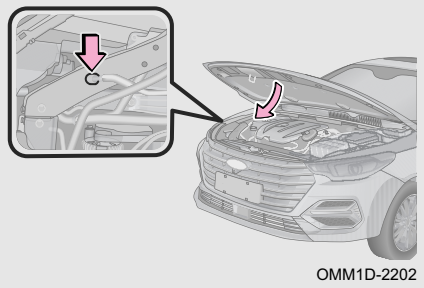

OMM1D-2200

Step 1: The hood will spring up slightly by pulling hood release lever;


OMM1D-2201

Step 2: Reach your hand to the 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;

Step 3: After opening hood, take out hood support rod and put one end of the rod into the support slot to support the hood;


OMM1D-2202

Step 4: Support the hood with left hand and move support rod out of groove slot with right hand, and then stuck it in the designated position inside the hood, lower the hood and close it until the latch is locked;

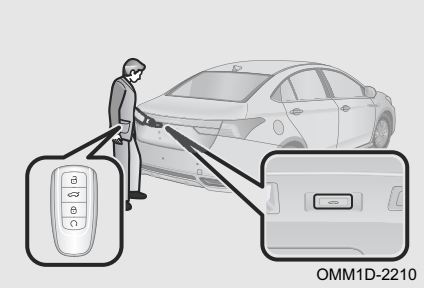
Step 5: After closing the hood, lift the hood lightly to determine if hood is fully closed.

⚠ CAUTION

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

3-14. Back Door

Manual Back Door


OMM1D-2210

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

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

READ

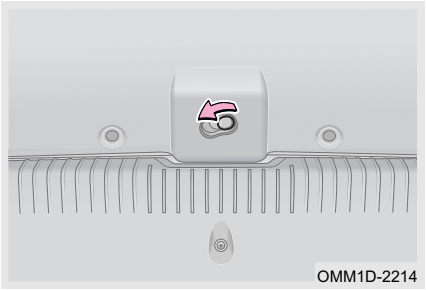
When the vehicle power is turned to ACC/ON mode and the central control lock is locked, please first unlock the central control lock and then open it with back door exterior switch.

WARNING

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

Back Door Emergency Opening

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

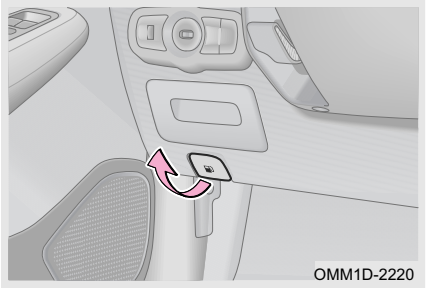

OMM1D-2214

Step 1: Fold the rear seatback;

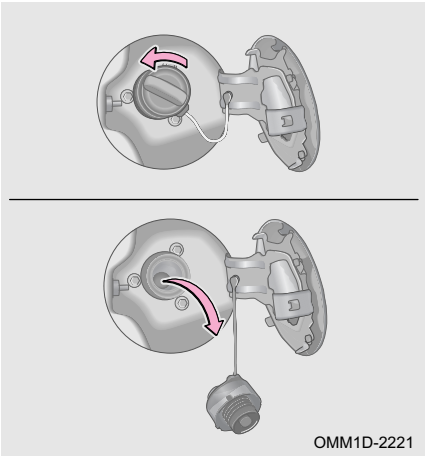
Step 2: Get in the rear of vehicle, move the emergency device switch to left with hand, release it, and then push the back door to open it.

3-15. Fuel Tank Cap

Manual Fuel Tank Cap


OMM1D-2220

Step 1: The fuel tank cap will spring out by pulling fuel tank cap release lever;



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

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

Step 4: Close fuel tank cap.

READ

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

CAUTION

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

⚠ WARNING

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

4-1. Vehicle Power Mode

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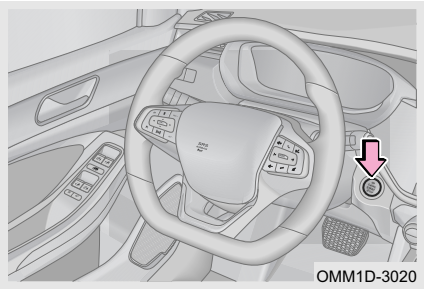
4-1. Vehicle Power Mode

ENGINE START STOP Switch

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


OMM1D-3020

OFF mode (indicator does not come on): All electrical appliances turn off.

ACC mode (indicator comes on in amber): Part of electrical appliances can be used.

ON mode (indicator comes on in amber): All electrical appliances can be used.

START mode (indicator comes on in green): When vehicle power source is turned to ACC/ON mode, depress the clutch pedal and transmission gear is in neutral (MT model) or depress the brake pedal and transmission gear is in P (AT model), the power of vehicle is switched to START mode and the engine can be started by pressing ENGINE START STOP switch.

READ

If ENGINE START STOP switch is not pressed properly, vehicle power mode can not be switched or engine may be not started.

CAUTION

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

Auto power off function

When engine is not running, if vehicle power is switched to ON mode for 1 hour or more (shift to P for AT model), vehicle power will be automatically switched to OFF mode, this function cannot completely prevent battery from being discharged.

4-2. Starting and Turning off Engine

Normal Starting and Turning off

Before starting engine

Step 1: Check surroundings of vehicle before getting in;

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

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

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

Step 5: Fasten the seat belts;

Step 6: Confirm that the parking brake is applied;

Step 7: Transmission gear is in neutral (MT model) or transmission gear is in P (AT model);

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

Starting engine

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

Step 1: vehicle power source is turned to ACC/ON mode, depress the clutch pedal and transmission gear is in neutral (MT model) or depress the brake pedal and transmission gear is in P (AT model);

Step 2: The power of vehicle is switched to START mode (indicator comes in green), and press ENGINE START STOP switch to start the engine.

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

After starting engine

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

⚠ WARNING

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

- Do not run the engine for a long time in an unventilated area, such as in a garage, etc.
- When running engine in a ventilated area, someone should control engine in vehicle, switch air conditioning to outside mode, and set high blower speed.

Turning off engine

Step 1: Stop the vehicle and apply parking brake;

Step 2: Shift the shift lever to neutral (MT model) or shift the shift lever to P (AT model), press ENGINE START STOP switch to turn off the engine;

Step 3: Check that engine is turned off.

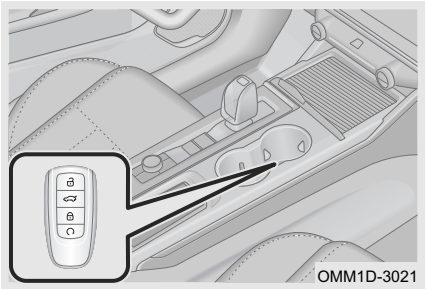
⚠ CAUTION

- 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 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:



Step 1: Lay smart key in cup holder (as shown in figure) with front side facing up; do not depress clutch pedal (MT model) or brake pedal (AT model) at this time;

Step 2: vehicle power source is turned to ACC/ON mode, depress the clutch pedal and transmission gear is in neutral (MT model) or depress the brake pedal and transmission gear is in P (AT model);

Step 3: The power of vehicle is switched to START mode (indicator comes in green), and press ENGINE START STOP switch to start the engine.

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

⚠ CAUTION

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.

Turning off engine in emergency

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

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

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

Adaptive Engine Control System

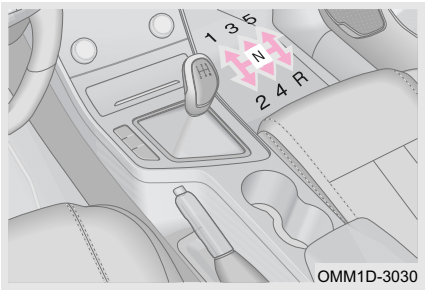
If the battery terminal is removed and reconnected, the vehicle power is switched to ON mode, and vehicle power will be switched to OFF mode after waiting for 15 seconds before starting the engine.

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

4-3. Transmission

Manual Transmission (If Equipped)

Manual transmission (525MHK) (516MHA) is composed of five forward gears and a reverse gear.



Step 1: Depress the clutch pedal and brake pedal completely, then shift the shift lever into proper gear;

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

READ

Manual transmission has a reverse lock device, first lift the reverse lock device up and then push the shift lever, it shifts to reverse gear.

CAUTION

- When driving downhill or turning, always use a low gear and never coast with N.
- Do not skip a gear when shifting from low to high gear.
- Do not keep your foot on the clutch pedal while driving to avoid unnecessary wear to clutch.
- It is strictly prohibited to use the operation method of "one push and one release" when operating select/shift lever. Shift lever should always be held by hand to reduce the wear of lock ring of synchronizer.
- Do not put your hand on the shift lever when it is not necessary to operate select/shift lever, otherwise it will cause premature wear of the shift fork.
- Start your vehicle at the 1st gear. When shifting, fully depress the clutch pedal to disengage transmission from engine power completely, and move the shift lever quickly.
- Before reversing operation, first stop the vehicle steadily, completely depress the clutch pedal and wait for about 3 seconds before shifting to reverse gear, which can efficiently reduce tooth broken when shifting to reverse gear and prevent the transmission gear from meshing poorly and generating noise.
- If abnormal phenomena are found in transmission, such as abnormal noises and heavy operation etc., immediately stop the vehicle to a safe place away from traffic road, and go to Chery authorized service station timely for inspection and repair, continue to drive after troubleshooting.

Downshifting

1. Downshift in sequence without skipping gears.
2. Shift down when driving down steep slopes for safety.

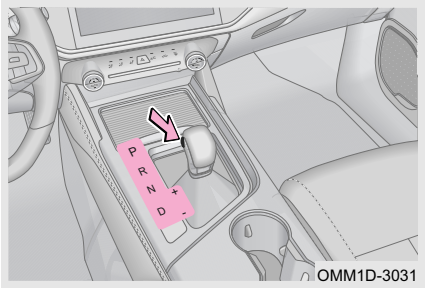
3. Shift down properly when starting to accelerate again for better acceleration.

⚠ WARNING
Do not downshift for additional engine braking on a slippery surface. Otherwise, drive wheels could lose their traction, which could cause the wheels to slip, resulting in a loss of vehicle control.

Automatic Transmission (If Equipped)

Automatic transmission (mechanical cable)

The automatic transmission (018CHA)(025CHA) belongs to the electronically controlled hydraulic automatic transmission with manual and automatic shift modes.



OMM1D-3031

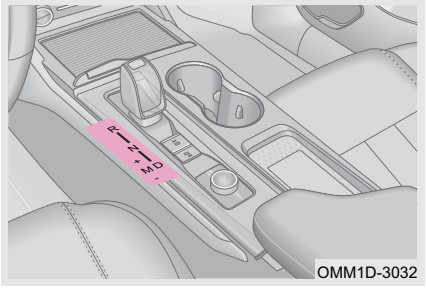
Step 1: Depress the brake pedal completely and press button on shift lever, then shift the shift lever from P to D;

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

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

Automatic transmission (electronic shift)

The automatic transmission (025CHA) belongs to the electronically controlled hydraulic automatic transmission with manual and automatic shift modes.

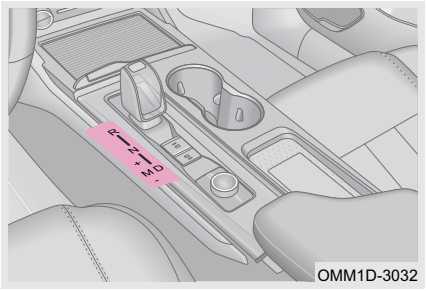


OMM1D-3032

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

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

Gear position introduction



During the operation, the driver can choose the automatic mode (P, R, N, D) and the manual mode M (+, -). The selected gear position will display the corresponding gear information on the information display area in instrument cluster.

Automatic mode: When the transmission gear is in D, vehicle upshifts and downshifts automatically according to speed. All are done without manual intervention.

Manual mode: When the transmission gear is in D, push to left or right to enter manual mode, push forward to upshift by one gear and push backward to downshift by one gear.

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

Gear Range		Function
P (Park)		This is park position. Drive wheels are mechanically locked. Engine can be started.
R (Reverse)		This is a reverse position. Back-up lights will come on and parking assist system will operate.
N (Neutral)		This is a neutral position. It is used for short time idling stop.
D (Forward Drive)		This is a forward driving position. Automatically shifts up and down among forward drive gears according to engine load and vehicle speed.
M (Manual mode)	+	Push shift lever toward + once, transmission will raise one gear.
	-	Push shift lever toward - once, transmission will lower one gear.

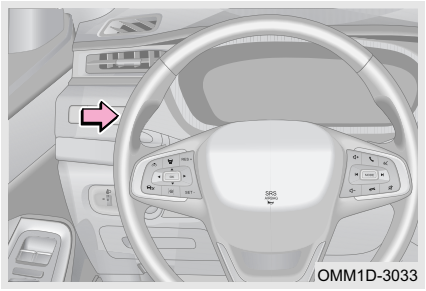
⚠ CAUTION

- In manual mode, when the speed does not change, kick-down operation is allowed, and automatic up-shifting is not allowed.
- Never shift in P position when the vehicle is not stopped steadily. This may lead to abnormal sound or damage to the transmission.
- When engine stalls, do not coast vehicle in N. Otherwise, the transmission will be damaged.
- Do not shift the shift lever out of D while the vehicle is moving forward. Otherwise, the transmission may be damaged seriously.
- Do not shift the shift lever out of R while the vehicle is moving backward. Otherwise, the transmission may be damaged seriously.
- When shifting the shift lever out of P, it is necessary to depress the brake pedal first to stop the vehicle steadily, and then perform shifting among each gear position. Otherwise shifting mechanism will be damaged.
- When vehicle malfunctions occur due to insufficient battery, even depress brake pedal, shifting out from P is impossible. Please go to Chery authorized service station immediately for inspection and repair.
- 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.
- 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.
- When parking vehicle on a slope, parking brake must be applied first, and then shift the shift lever to P. After starting on a slope, first shift the shift lever out of P, then release parking brake for driving.
- When try to make vehicle free from a stuck or wade, it is recommended to select lower gear manually to get larger wheel drive force and avoid water entering exhaust pipe.
- 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 depress brake pedal for a long time or frequently.

⚠ WARNING

- Never tow the vehicle for a long distance or at high speed. Raise drive wheels or disconnect propeller shaft when towing.
- When the transmission is in N, make sure parking brake is applied or brake pedal is depressed, otherwise an accident may occur.

Driving mode



Press "MODE" switch, it can be switched between SPORT mode and ECO mode circularly.

ECO mode is an economic mode which can improve vehicle fuel economy; SPORT mode improves vehicle handling, controllability and power performance. You can choose according to different road conditions.

READ

- When the driving mode is switched, the instrument cluster switches the corresponding theme color.
- Adaptive cruise system (ACC) is used for gentle acceleration in ECO mode, while adaptive cruise system (ACC) is used for faster acceleration in SPORT mode.

Fail-safe mode

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

CAUTION

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

Shift to P automatically (025CHA)

When vehicle speed is not higher than 1km/h, transmission is in R or D, driver side door is opened and brake pedal is not depressed, it will shift to P automatically. The door cannot be closed normally due to deformation of driver side door. When the speed is more than 1km/h, it will be automatically shift to N. When the speed is not more than 1km/h, it will be automatically shift to P. Please go to Chery authorized service station immediately for inspection and repair.

4-4. Steering System

Hydraulic Power Steering System (HPS) (If Equipped)

Hydraulic Power Steering System (HPS) uses hydraulic control system as the power source of the steering system.

> ⚠ CAUTION
>
> In order to avoid damage to power steering system, do not keep the steering wheel in the limit position for more than 5 seconds when the engine is running.

Electric Power Steering System (EPS)(If Equipped)

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.

> ⚠ CAUTION
>
> - Frequent handling and rotation of steering wheel over long periods of time may damage the mechanism in the Electric Power Steering System (EPS).
> - When parking or driving at low speed, if steering wheel reaches or nearly reaches the limit position several times continuously, the operation force of steering wheel may become heavier. The electric power module is hot when touching it and it is normal. This is due to the overheat protection function of power steering system to avoid overheating damage. In this case, keep calm, stop turning the steering wheel and switch the vehicle power to OFF/ACC mode until the system cools down, system will return to normal automatically.

Electric Power Steering System (EPS) indicator

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

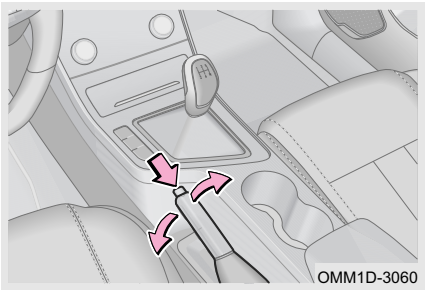
> ⚠ WARNING
>
> After Electric Power Steering System (EPS) is disabled, although the vehicle still has the conventional steering capability, it should be driven with caution. At this time, please go to Chery authorized service station for inspection and repair as soon as possible.

4-5. Brake System

Mechanical Parking System (If Equipped)

Mechanical parking system uses mechanical cable for parking brake.

Usage method



Pull up parking brake lever firmly after vehicle stops to prevent vehicle from slipping.

> ⚠ CAUTION
>
> If front spoiler is installed on vehicle, air flow through front brake should be smooth, otherwise brake system may overheat due to poor ventilation, which may reduce brake effect.

> ⚠ WARNING
>
> When parking, do not operate shift lever to substitute parking brake in order to prevent vehicle from moving accidentally. If parking brake is unexpectedly released and vehicle slides on slope, serious accidents will be caused.

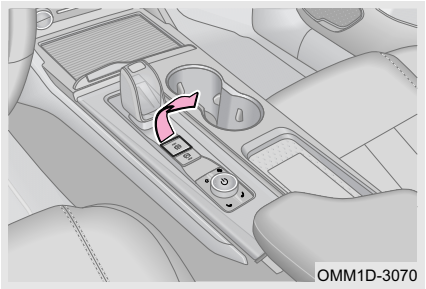
Emergency braking function

If you lose control of brakes during driving, you can use the parking brake to forcibly apply brake, but the forcible brake distance will be longer than that during normal brake.

Electric Parking Brake System (EPB) (If Equipped)

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

Usage method



■ Applying parking brake manually

when vehicle power is switched to ON mode, or engine starts and vehicle stationary, pull up the electric parking brake button, " Ⓟ " red indicator on instrument cluster and electric parking brake button indicator remains on, indicating parking brake function has been turned on.

Vehicle power is switched to OFF mode, and parking brake function can be applied automatically by Electric Parking Brake (EPB) system.

■ Releasing parking brake manually

With engine starts or vehicle power switches to ON mode, depress the brake pedal and press electric parking brake button manually, "Ⓟ" red indicator on instrument cluster and electric parking brake button indicator will turn off, indicating parking brake function has been released.

■ Releasing parking brake automatically

Fasten driver's seat belt and close driver side door. Depress accelerator pedal with shift lever in D or R on flat road to release electric parking brake automatically, and "Ⓟ" red indicator on instrument cluster goes off.

When vehicle stops on a slope, depress accelerator pedal harder to shift to D or R. When driving force is greater than slipping force, electric parking can release automatically.

READ
When towing vehicle, it is necessary to release parking brake, and transmission is in neutral.

⚠ CAUTION

- Electric Parking Brake (EPB) system and Automatic Parking system (-AUTO HOLD) can not be used when vehicle battery is loss. Jumper cables can be used to start the engine (refer to "Vehicle Distress Handling" for details).
- While depressing brake pedal and releasing or applying parking brake, brake pedal may push slightly up or down, simply by pressing the brake tightly.
- 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.
- If vehicle coasts after stopping within a short period, system will increase parking brake force automatically to hold it for safety. When brake force increasing, system makes operation sound. This is normal.
- Engine starts or the vehicle power switches to ON mode, when parking brake can not be released manually by depressing brake pedal, you can depress accelerator pedal and press the electric parking brake button to release parking brake. It is only used when parking brake can not be released manually by depressing brake pedal, pay attention to safety when using. Please go to Chery authorized service station for inspection and repair as soon as possible.

⚠ WARNING

To avoid vehicle accident movement, when stopping or leaving vehicle, and after electric parking brake (EPB) system operates, "Ⓟ" red indicator on instrument cluster and electric parking brake button indicator turn off after they come on for a certain time, check whether "Ⓟ" red indicator on instrument cluster and electric parking brake button indicator come on to ensure electric parking brake is properly applied.

Electric parking emergency releasing

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

Emergency braking function

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

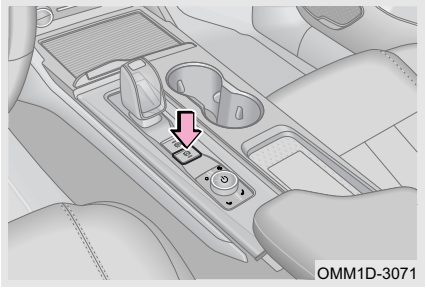
⚠ WARNING

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

Automatic Parking System (AUTO HOLD)(If Equipped)

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

Usage method



■ Automatic parking operation conditions

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

■ Turning on automatic parking

When automatic parking conditions are met, press automatic parking button, indicator on button remains on, indicating that vehicle has turned on automatic parking function.

■ Activating automatic parking function

When automatic parking function is turned on, depress brake pedal, vehicle changes to stationary state from movement, then automatic parking function is activated, instrument cluster "Ⓟ" or "Ⓐ" green indicator remains on.

Depress brake pedal when vehicle is stationary, and the automatic parking function is turned on at the same time and the condition of automatic parking is met, then automatic parking function is activated, instrument cluster "Ⓟ" or "Ⓐ" green indicator remains on.

■ Turning off automatic parking

When the automatic parking function is turned on, press the automatic parking button to turn off automatic parking function. The indicator on the automatic

parking button turns off, indicating that the vehicle has exited the automatic parking function.

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

■ Automatic parking release function

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

⚠ CAUTION

- Turn off automatic parking function before driving into wash room.
- Always park vehicle correctly according to safety regulations and take care to avoid hurt yourself and pedestrians.
- If accelerator pedal is depressed very slowly, parking release delays. This is normal.
- When automatic parking function is activated, open driver side door or unfasten driver side seat belt, automatic parking will switch to electrical parking.
- When automatic parking function is enabled, open driver side door or unfasten driver side seat belt to exit automatic parking function, close the door or fasten the belt again to activate the function again.
- After automatic parking is enabled, the automatic parking system will automatically stop the vehicle from the state of motion to a complete stop by braking, but the transmission gear is still in D or R. It is recommended to shift to N for a short time and shift to P for a long time.

⚠ WARNING

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

Vacuum Booster

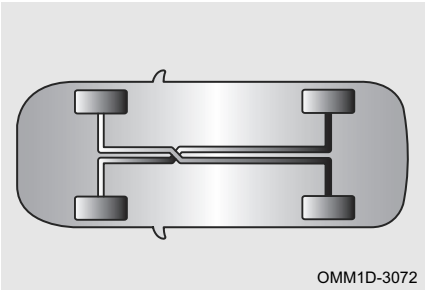
The vacuum booster is controlled by engine vacuum and it works only when the engine is running. Do not coast your vehicle with engine off while driving. To achieve better braking effect, shift to low gear before driving downhill.

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

Under the condition of normal temperature, special warm working condition of engine idle speed state within 15 seconds after vehicle starts (the temperature is lower, and the time is longer), in order to quickly heat activation three-way catalysts, improve waste gas conversion efficiency, at the same time, the

condition is helpful to the vehicles for parking for a long time (such as overnight), restore to build vacuum degree of brake vacuum booster, in order to achieve the optimal condition of vehicle, therefore you are advised to develop the habit of idle running at least 15 seconds after starting the vehicle and then driving.

Foot Brake


OMM1D-3072

The brake system adopts X type arrangement, double circuit brake system; The system is a hydraulic system with two independent subsystems. If one of the subsystems fails, the other system can still perform brake function. However, the brake pedal should be depressed more firmly than usual and the braking distance will increase, and the brake system malfunction indicator remains on. Please go to Chery authorized service station immediately for inspection and repair.

Brake system indicator

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

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

Precautions for brake system

1. If there is continuous shudder or vibration being transferred to the steering wheel during braking, please go to Chery authorized service station immediately for inspection and repair.
2. When driving downhill, shift to a low gear to make full use of engine braking effect and avoid continuous use of brakes. Failure to do so may cause the brakes to overheat and braking distance will become longer, and the brakes may even temporarily lose its effectiveness in a serious case.
3. Brake system operating sound may be heart sometimes, which is normal. But metal-friction or whistling sounds for a long time, brake linings may be seriously worn. Please go to Chery authorized service station for replacement.

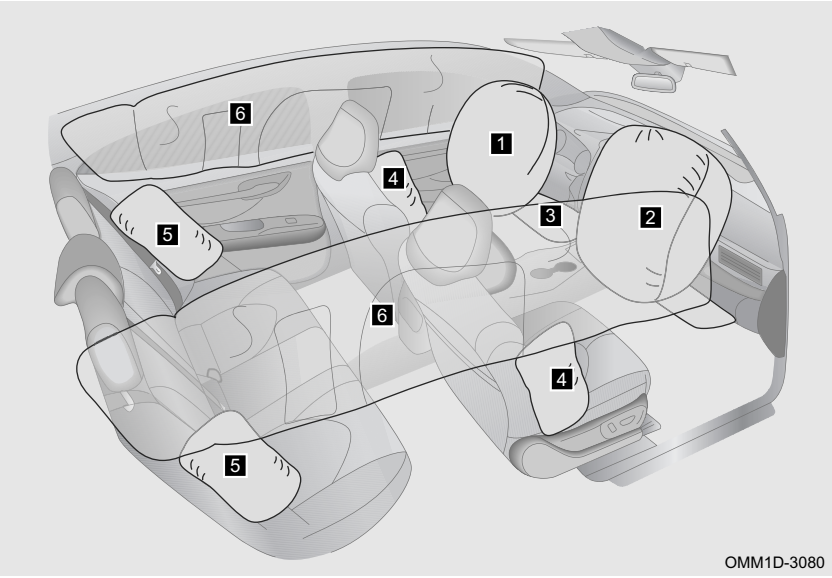
4. The new brake linings must be break-in to reach optimal brake effect. Braking effect in the first 200 km is not optimal. In this case, depress brake pedal more firmly to compensate braking effect.
5. A wet brake may cause abnormal vehicle deceleration or pull to one side when braking. Depress brake pedal slightly to test effectiveness of brakes. After driving through deep water, keep a safe vehicle speed and depress brake pedal slightly until braking function is restored.
6. Wear condition of brake lining depends largely on its working conditions and driving style. For vehicles mainly used in city traffic, frequent starting and stopping will make working condition of brake lining worsen. Therefore, please go to Chery authorized service station according to specified maintenance mileage to check thickness of brake linings or replace it as needed.

4-6. Airbag (SRS)

Airbag (SRS)

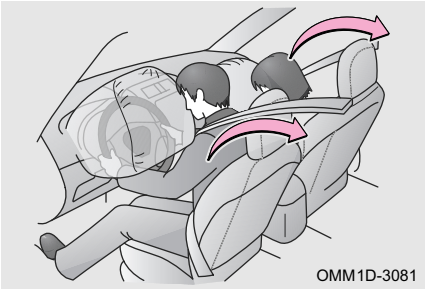
In severe frontal/side collision, when deployment conditions are met, the airbags (SRS) deploy and work together with seat belts to protect occupants in vehicle. Airbags (SRS) can distribute impact force more evenly to upper parts of occupants' body, so their body move slowly even stop, thus reducing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

Airbag (SRS) positions

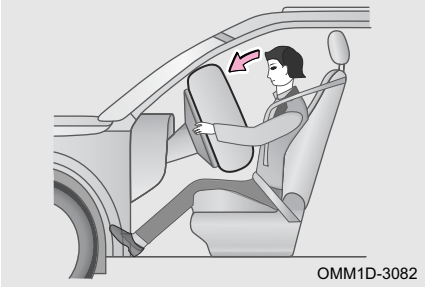


1. Driver seat frontal airbag
2. Front passenger frontal airbag
3. Driver knee airbag (if equipped)
4. Front seat side airbag (if equipped)
5. Second row seat side airbag (if equipped)
6. Curtain side airbag (if equipped)

Using airbag (SRS) correctly


OMM1D-3081

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


OMM1D-3082

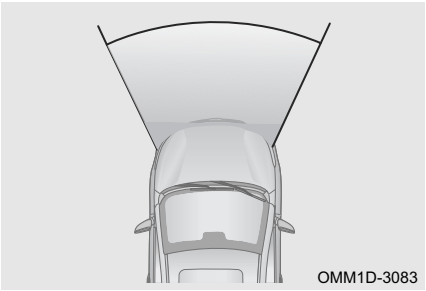
The airbag (SRS) works together with seat belt to protect safety of driver and passengers. However, airbag is not a substitute for seat belt. In addition, the airbag (SRS) will deploy only when the collision degree of vehicle reaches the design condition. In some collisions, seat belt is the only protective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

A considerable force will be generated at the moment the airbag (SRS) inflates, in order to avoid serious injury or death, never get too close to the airbag (SRS), 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.

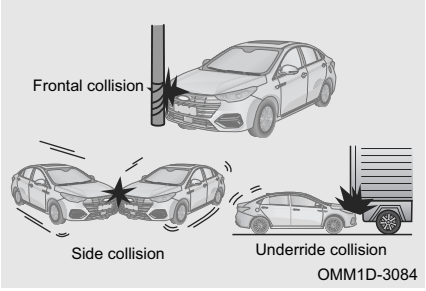
Airbags (SRS) and seat belts can provide protection only for adults and older children but are not designed to protect infants and young children.

Airbag (SRS) operating conditions

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


OMM1D-3083

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

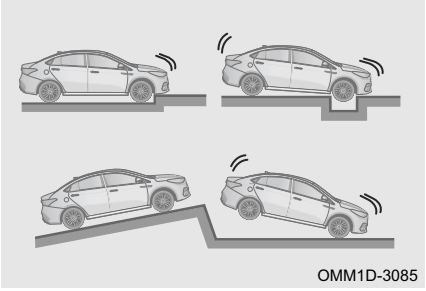


OMM1D-3084

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

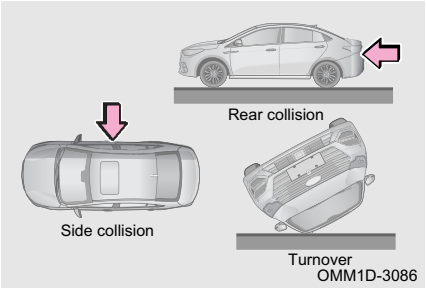
The driver frontal airbag, front passenger frontal airbag and driver knee airbag may not deploy if the front of vehicle hits a telegraph pole slightly, goes under a truck, or inclined side collision.

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

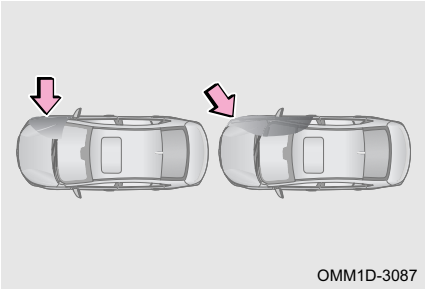

OMM1D-3085

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

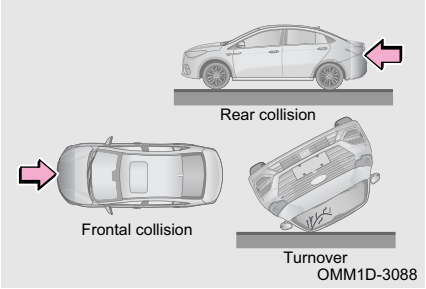
■ Conditions under which airbag (SRS) may not deploy during a collision



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



Front side airbag and curtain side 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.



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

⚠ WARNING

- 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.
- 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.

Airbag (SRS) indicators

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

Precautions for airbag (SRS)

After the airbag (SRS) is deployed, the doors automatically unlocks, interior lights and hazard warning lights turn on; Then airbag (SRS) will deflate quickly after deploying. Some parts of the airbag (SRS) module may generate heat, do not touch any related parts at this time. The exhaust hole of deflated airbag (SRS) will also release some smoke and dust. 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 (SRS) are stored, such as the steering wheel and instrument panel are damaged or cracked, please go to Chery authorized service station for replacement as soon as possible.

OMM1D-3089

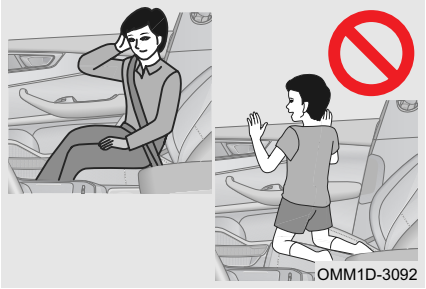
Always keep airbag (SRS) inflation path clear. It is forbidden to place anything (such as mobile phone, etc.) between the occupant and the airbag (SRS). It is forbidden to fix or place any object on or near the airbag cover. If there is an object between occupant and airbag (SRS), the airbag (SRS) may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

OMM1D-3090

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

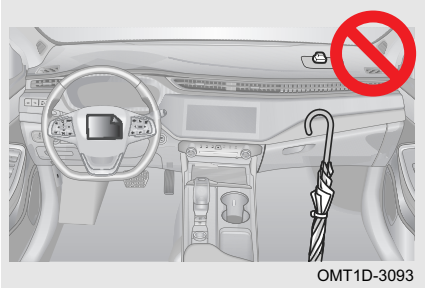
OMM1D-3091

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

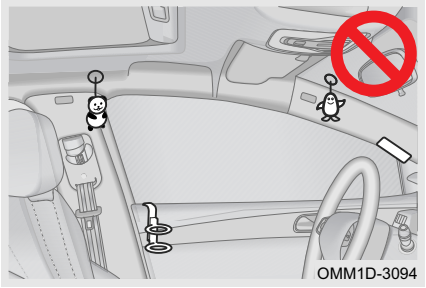

OMM1D-3092

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

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


OMT1D-3093

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


OMM1D-3094

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

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

Modification and disposal of airbag (SRS) components

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

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

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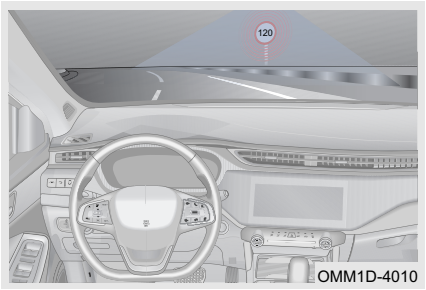
5-1. Speed Limit Assist System (SLA)

Speed Limit Assist System (SLA) (If Equipped)

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



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

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

Function limit

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

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

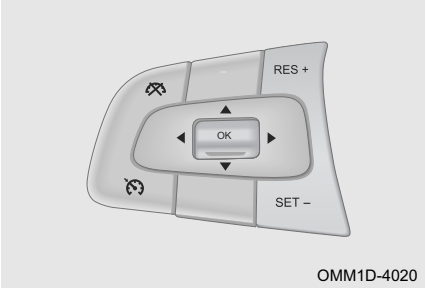
WARNING
SLA based on front view multi-function camera is affected by weather and light, so the function is not appropriate for all conditions.

5-2. Cruise System

Constant Speed Cruise System (CCS)

Constant Speed Cruise System (CCS) can maintain the speed set by driver.

Constant Speed Cruise System (CCS) button



OMM1D-4020

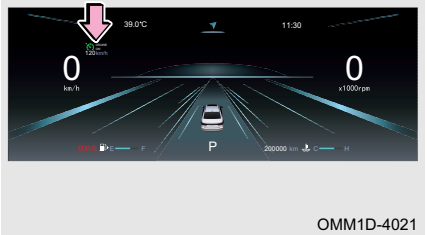
Cruise button " ": Turn on/off Constant Speed Cruise System (CCS).

Temporarily exit cruise button " ": Temporarily exit Constant Speed Cruise System (CCS).

"RES +" button: Resume Constant Speed Cruise System (CCS) and adjust speed value.

"SET-" button: Enter Constant Speed Cruise System (CCS) and adjust speed value.

Usage method



OMM1D-4021

■ Entering Constant Speed Cruise System (CCS)

Turn vehicle power to ON mode, press " " button to enter pre-cruising state, " " indicator in instrument cluster remains on; vehicle speed is within 40 - 150 km/h, press "SET-" button again to set current vehicle speed as cruise speed and enter cruising state, " " indicator in instrument cluster remains on.

■ Exiting Constant Speed Cruise System (CCS)

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

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

Exit cruising state and enter pre-cruising state when brake pedal (vehicle with automatic transmission) or clutch pedal (vehicle with manual transmission) is depressed or sudden braking is applied during cruising process, " " indicator in instrument cluster remains on.

■ Speed setting

Press "RES+" button in cruising process, set vehicle speed will increase by 2 km/h.

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

Press "SET-" button in cruising process, set vehicle speed will decrease by 2 km/h.

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

Function limit

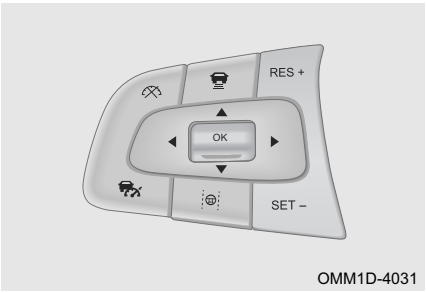
■ Under the following situations, do not use constant speed cruise system CCS. Failure to do so may cause an accident, resulting in death or serious injury:

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

Adaptive Cruise Control (ACC) System (If Equipped)

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

Adaptive Cruise Control (ACC) system button



OMM1D-4031

Adaptive cruise control system button " ": Turn on/off the ACC.

Temporarily exit cruise button " ": Temporarily exit ACC.

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

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

Following clearance adjusting button " ": Adjust the following clearance.

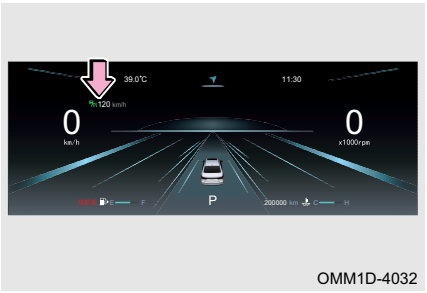
Traffic jam assist system/integrated cruise assist system button " ": Turn on/off the TJA/ICA.

Adaptive Cruise Control (ACC) system activation conditions

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

1. Brake pedal is not depressed (during driving).
2. Driver door is closed.
3. Driver seat belt is fastened.
4. Transmission gear position is in D position.
5. Parking brake is not applied.
6. ESP is turned on.
7. ESP is not activated.
8. ABS is not activated.

Usage method



OMM1D-4032

■ Entering ACC

Turn vehicle power to ON mode and press " " button to enter pre-cruising state, and " " indicator in instrument cluster remains on:

Method 1: During pre-cruising state, if vehicle speed is within 30-150 km/h, press "SET-" button to set current speed as cruise speed and enter cruising state, and " " indicator in instrument cluster remains on;

Method 2: During pre-cruising state, depress brake pedal and press "SET-" button with vehicle stationary, release brake pedal within 3 seconds (depress accelerator pedal slightly if the time exceeds 3 seconds) to enter cruising state, " " indicator in instrument cluster remains on, default set vehicle speed is 30 km/h.

READ

- When there is a vehicle in the front of your vehicle at the same road, and driving speed is lower than vehicle set speed, ACC will control the vehicle to follow vehicle ahead.
- When there is no vehicle in the front of your vehicle at the same road, or there is a vehicle and driving speed is higher than set vehicle, the vehicle drives at the set speed.
- When applying parking brake and entering pre-cruising state, press "SET-" button, instrument cluster will prompt "Please depress accelerator pedal to activate Adaptive Cruise Control (ACC) system", driver depress accelerator pedal slightly to activate ACC according to the prompt.

■ Exiting adaptive cruise control

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

1. Depress brake pedal.
2. Driver door is opened.
3. Driver seat belt is not fastened.
4. Pull up electric parking button.
5. Press "" button.
6. ESP operates.
7. ABS operates.
8. AEB operates.
9. ESP is not turned on.
10. Transmission gear position is in a position other than D.
11. Driver depress accelerator pedal for more than 15 minutes.

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

■ Speed setting

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

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

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

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

READ

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

Following clearance

Press " " button in cruising process, adjust following clearance which is divided into three levels, "Minimum Clearance", "Standard Clearance" and "-Maximum Clearance".

READ

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

WARNING

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

Overtaking

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

Curve speed control

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

WARNING

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

Stopping and starting function

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

1. If vehicle ahead starts within 3 seconds, the vehicle also starts automatically.
2. If vehicle ahead stops for more than 3 seconds and starts within 3 seconds to 10 minutes, driver need to depress accelerator pedal slightly to activate ACC.

3. When vehicle stops within 10 minutes, driver unfasten seat belt or open driver door, EPB is activated automatically and parking.
4. When vehicle stops for more than 10 minutes, the vehicle will exit ACC, and EPB will be activated automatically and parking.

⚠ WARNING
During following vehicle ahead, always pay attention to whether indicator " " is green. If it turns to gray, indicating front target has been lost in ACC mode, the vehicle will start to accelerate according to set speed.

Precautions for adaptive cruise control

1. ACC can not violate laws of physics and has certain limitations. Driver must always keep control of the vehicle and be fully responsible for the vehicle.
2. If the vehicle is extremely close to vehicle on adjacent lanes, ACC may select the vehicle as following target.
3. ACC can not respond to stationary objects and vehicles, crosswise vehicles, oncoming vehicles, pedestrians, bicycles and animals.
4. When stopping vehicle briefly in ACC mode, driver must confirm that there are no obstacles or other traffic participants such as pedestrians, bicycles and animals in front of the vehicle.
5. When ACC function is malfunctioning, " " yellow indicator in instrument cluster comes on. At this time, ACC function fails, please go to Chery authorized service station for inspection and repair as soon as possible.
6. During ACC controls vehicle, never inadvertently step on accelerator pedal, otherwise, ACC will not apply brake to vehicle, driver should always be ready to brake actively to ensure the safety of the vehicle.
7. ACC can only realize limited brake, if vehicle ahead occurs sudden brake, another driver cuts in front of the vehicle, the vehicle cuts behind a preceding vehicle, ACC may not respond or react to vehicle ahead too slow, in this case, driver should take over the vehicle control in time.
8. Driver should adjust the following clearance from vehicle ahead based on traffic flow and weather condition and is responsible for ensuring the vehicle can stop safely at any time. In inclement weather (rain, snow, fog, etc.), ACC may not recognize vehicle ahead. In this case, ACC should be turned off.
9. ACC is suitable for use on highways and roads in good condition, It is not recommend for use on urban roads, narrow roads, mountain roads, hills, tunnels, etc. If using ACC in curve, target vehicle ahead may be lost or target selection is delayed in ACC mode due to limitation of sensor detection range, in this case, ACC will control vehicle to accelerate to set speed.
10. During the process of following the vehicle ahead to stop, ACC may not be able to recognize the end of the vehicle, but the lower or upper part of

vehicle (such as rear axle of truck that has higher chassis, upper part of lower flatbed trailer). In these cases, system cannot ensure a proper stopping distance or even lead to collision. Therefore, driver must keep a watch on vehicle and be ready to take over vehicle control anytime during this process.

11. Two sensors of radar and camera are installed in the front area of vehicle and behind windshield. Please note that view of sensor should not be covered by pollutants, and front or surrounding areas should not be modified or decorated with license plate frames, etc. Especially, when sensor is completely covered by snow, ACC function will be exited. System performance may be reduced or it's function fails due to sensor vibration or collision. In this case, please go to Chery authorized service station for recalibration for sensors as soon as possible.

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

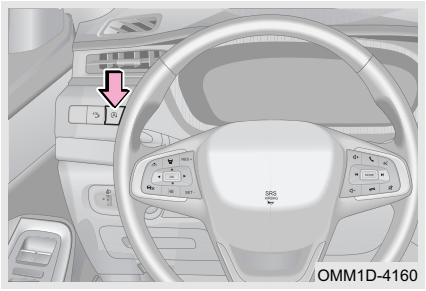
5-3. Idling Stop-start System

Idling Stop-start System (If Equipped)

When the vehicle encounters a traffic light or other conditions need to stop during driving, the idling stop-start function will shut down the engine. When it detects startup requirement, the engine will automatically start. This function can improve vehicle fuel economy and reduce exhaust contamination and noise when stopping to wait.

When idling stop-start system works normally, if the followings are met, engine stops when stopping and idling. And when it is necessary to start off, it start engine automatically. Operation of idling stop-start system does not affect driver safety and the normal operation of other systems in vehicle (Air conditioning system, brake system and audio system etc. are not affected). In some cases, to ensure safe driving and comfort, idle start-stop system will be temporarily disabled, which is normal. When the start-stop condition is met, start-stop function will be restored automatically, please use securely.

Idling stop-start system switch



Click " Ⓐ OFF " switch, idling stop-start system is disabled; Click " Ⓐ OFF " switch again to enable stop-start system.

Idling stop-start system auto stop activation conditions

1. Hood is closed.
2. Vehicle is fully stopped.
3. Non-high altitude area.
4. Accelerator pedal is released completely.
5. Driver door is closed.
6. Driver seat belt is fastened.
7. Vehicle is not in sudden brake.
8. Battery capacity requirement is met.
9. Shift lever is in D/M position.
10. Vehicle is not on a steep slope.
11. Steering wheel angle is not in a large angle steering state.
12. After the vehicle starting or large angle steering, the speed has reached 8 km/h or more.
13. Air conditioning comfort is allowed (For example, the requirements of defogging, cooling and heating are met).

Idling stop-start system auto start activation conditions

1. Driver door is closed.
2. Driver seat belt is fastened.
3. Hood is closed.

When the above conditions and any of the following start conditions are met, engine will start automatically:

1. Engine is started when the shift lever is shifted to R.
2. Engine is started when the steering wheel is turned at an angle of more than 30°.
3. Shift lever is shifted to D and engine is started when the shift lever is in N and brake pedal is not depressed.

4. Brake pedal is depressed and engine is started when the shift lever is in N and brake pedal is not depressed.
5. Brake pedal is depressed and engine is started when the shift lever is in P and brake pedal is not depressed.
6. Brake pedal is released and engine is started when the shift lever is in D/M and brake pedal is held depressing after engine stops.

   Note: When AUTO HOLD function is activated, engine is not started after releasing the brake pedal, and engine is started after depressing the accelerator pedal.

Idling stop-start system indicator

When the conditions are met, " Ⓐ " green indicator in instrument cluster remains on.

When the start conditions safely are not met or idling stop-start system is turned off, "Ⓐ" yellow indicator in instrument cluster remains on.

When there is a fault, "Ⓐ" yellow indicator in instrument cluster blinks.

READ

When idling stop-start system judges that the safety conditions are not met (-such as, open a door while engine stopping), start engine manually by user, and "Ⓐ" yellow indicator in instrument cluster comes on again. At the same time,"Start engine manually" is displayed on instrument cluster. At this time, there is no problem in system, please use securely.

Function limit

■In some cases, to ensure safe driving, the system will automatically start engine without any operation from the driver, including the following:

1. Vehicle is rolling away.
2. Insufficient battery is detected.
3. Insufficient brake vacuum is detected.
4. Auto stop time is more than 3 minutes.

READ

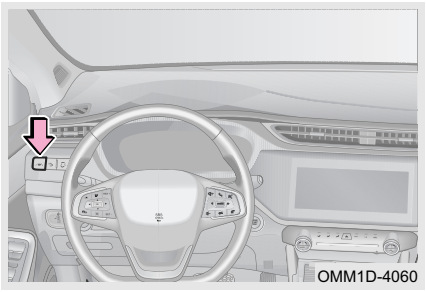
If engine start and stop is triggered several times in a short time, the starter may overheat and the system will enter the starter hot protection state. At this time, auto stop will be disabled, which is not a malfunction. After driving for a period of time, after system determines starter temperature is safe, engine auto stop function recovers by itself.

5-4. Lane Assist System

Lane Assist System (If Equipped)

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

Lane assist system switch



Press " " switch to switch LDW/ LKA/OFF circularly.

READ

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

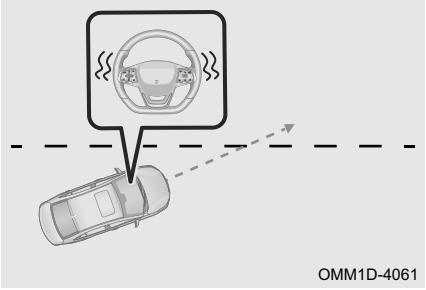
⚠ WARNING

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

Lane Departure Warning System (LDW) (If Equipped)

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

Activating LDW


OMM1D-4061

When speed increases to ⩾ 65 km/h, LDW enters activating; When speed decreases from more than 65 km/h to 60 km/h, LDW enters pre-activating; When speed is < 60 km/h, LDW exits after 3 seconds.

READ

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

Lane departure warning system (LDW) indicator

When the system is pre-activated, "" gray indicator in instrument cluster remains on.

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

During operation, "" yellow indicator in instrument cluster blinks.

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

Function limit

■ LDW may not work properly in the following conditions:

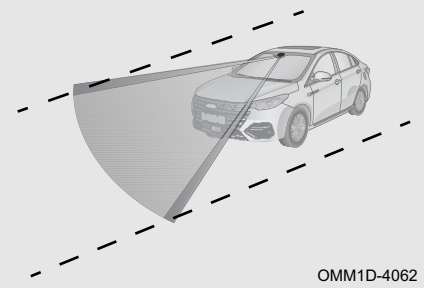
1. When changing lanes.
2. When turning with high speed.
3. When depressing accelerator pedal with excess force.
4. When depressing brake pedal with excess force.
5. When turning on hazard light.

6. When turning on departure side turn signal light.
7. When driving on curve with small turning radius.
8. When lane line is too thin, broken, blurred or departure side has no lane line.

Lane Keep Assist System (LKA) (If Equipped)

LKA detects lane line by front view multi-function camera. When lane lines on left and right sides are detected by system, system applies corrective steering intervention to keep vehicle in the middle of lane.

Activating LKA



When speed increases to ⩾ 60 km/h, LKA enters activating; When speed is decreases from more than 60 km/h to 55 km/h, LKA enters pre-activating.

⚠ CAUTION

- Driver performs a active control when meeting a bigger curve.
- Driver performs a active control when meeting some conditions such as lane increase, lane merger, etc.
- Driver performs a active control when meeting complex traffic environment (such as intersection, traffic jam section).

Lane keep assist system (LKA) indicator

When the system is pre-activated, "" gray indicator in instrument cluster remains on.

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

During operation, "" green indicator in instrument cluster remains on.

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

Function limit

■ LKA may not work properly in the following conditions:

1. When changing lanes.
2. When turning on turn signal light.
3. When braking with excess force.
4. When turning with high speed.
5. When depressing accelerator pedal with excess force.

6. When turning on hazard light.
7. LKA can recognize that driver does not operate steering wheel for a while.
8. Steering wheel is operated by driver when LKA applies corrective steering intervention.

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

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

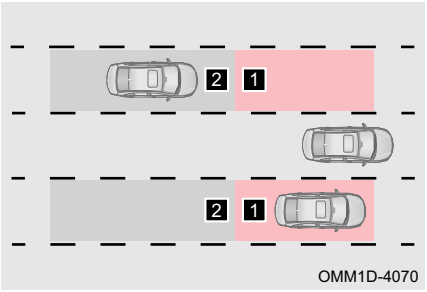
5-5. Blind Spot Detection (BSD) System

Blind Spot Detection (BSD) System (If Equipped)

BSD system is used to monitor presence of moving vehicles in left and right rear areas of your vehicle and inform driver related information to remind the driver for driving safety and lane-changing safety. This system extends Lane Change Assist (LCA) system and Rear Cross Traffic Alert (RCTA) system, etc.

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

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



OMM1D-4070

When speed increases to ⩾ 15 km/h, BSD system enters activating; When speed is decreases from more than 15 km/h to 10 km/h, BSD system enters pre-activating.

1 Detection area of BSD system.

2 Vehicle approaches detection area of BSD system.

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

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

READ

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

CAUTION

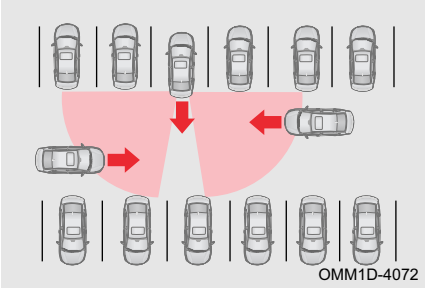
- BSD system may detects stationary objects on or near a road (such as guardrails, tunnels, side walls, and parked vehicles) to turn on warning light.
- When towing or attaching accessories to rear of vehicle (such as a bicycle carrier), turn off BSD system. Otherwise, radar radio waves will be affected,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

Blind Spot Detection (BSD) system indicator

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

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

Rear Cross Traffic Alert (RCTA) System



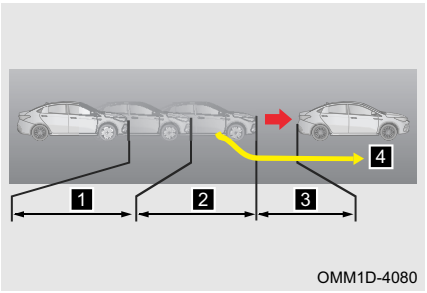
When vehicle power is turned to ON mode and vehicle is backed up (shift lever is shifted into R position), BSD system detects that vehicles are approaching from left/right sides, "" yellow indicator on rear view mirror blinks and alarm sounds.

5-6. Automatic Emergency Braking System (AEB)/Front Collision Warning System (FCW)

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

When vehicle is about to impact vehicle ahead or pedestrian, AEB and FCW work together, sounding an alarm to remind driver, if driver cannot respond quickly enough, vehicle will brake automatically, reducing loss from collision.

Activating AEB/FCW



1 Start pre-warning before impacting.
2 Start braking partly before impacting.
3 Start emergency braking before impacting.
4 If driver reacts correctly (for example, avoid a collision by steering), the following emergency braking is canceled.

READ

AEB/FCW/distance warning system can be set in audio system. For details, refer to "Audio System".

CAUTION

- When speed is ＜ 30 km/h, FCW does not sound an alarm; When speed is ＞ 85 km/h, FCW does not sound an alarm for static target ahead.
- Operating speed range of AEB is 4 - 53 km/h for static vehicle target; Operating speed range of AEB is 4 - 80 km/h for moving vehicle target; Operating speed range of AEB is 4 - 64 km/h for pedestrians and cyclists.
- Driver need to ensure that seat belts have been fastened, doors are closed. Failure to do so, AEB does not work.
- Turn on ESP, FCW, AEB, otherwise, FCW and AEB do not work.
- "" yellow indicator in instrument cluster remains on, please go to Chery authorized service station for inspection and repair as soon as possible.
- Driver need to take over vehicle because vehicle does not keep stationary state when vehicle is braked automatically to stopped.
- During AEB is activated, driver quickly rotate steering wheel or depress accelerator pedal firmly, AEB will exit.

⚠ WARNING

- The driver must control vehicle, operate as needed in the whole driving process to avoid danger.
- AEB just offer assistance to you. It may not work properly under all driving conditions, weather conditions, traffic conditions or road conditions.
- The vehicle targets that can be detected by AEB include passenger vehicles, buses, trucks. For some restructured vehicles (such as cement tank trucks, special vehicles with higher or lower chassis), AEB has certain limitations in detecting.
- AEB can only play the best role when it detects some characteristics consistent with normal human walking (such as head swing, arm swing, leg swing); AEB regards pedestrians who across the vehicle’s lane as target, but AEB does not regard pedestrians who walk longitudinally in the lane, walk on a curve, or is blocked by other objects.
- AEB can only play the best role when it detects body and bicycle contour information as well as normal cycling movements; AEB does not regard an oncoming cyclist as target.
- AEB is not always capable of detecting vehicles, cyclists or pedestrians, and the system may generate unnecessary braking automatically or do not work for a variety of reasons.; AEB is only a driving assist system to reduce severity of collision, it is not always possible to completely avoid collision in the speed range.

Precautions for automatic emergency braking system (AEB)

1. AEB can not violate laws of physics and has certain limitations. Driver must always keep control of the vehicle and be fully responsible for the vehicle.
2. Driver controls speed and the distance from vehicle ahead according to weathers, road surface conditions, traffic conditions, etc.
3. AEB does not react to animals, crossing vehicles, incoming vehicles, bicycles and pedestrians.
4. System performance may be greatly limited for targets that cut into the lane quickly, targets that are detected after the vehicle changes lanes, and targets in curves.
5. Fasten all seat belts and secure all loads to avoid danger when AEB is triggered.
6. When AEB is malfunctioning, " " yellow indicator in instrument cluster remains on, please go to Chery authorized service station for inspection and repair as soon as possible.
7. When inspecting the vehicle using a drum tester, FCW and AEB should be turned off.
8. When installing non-full size spare tire, it is recommended that customer turns off FCW and AEB, and replace full-size tires of original vehicle in time.

9. In some special circumstances, AEB may perform unnecessary warning and braking, such as crossing the track of the road, entering the underground parking lot turning, etc. Some circumstances will affect and weaken sensor detection, effecting related functions of system, such as tunnel, light of incoming vehicle, reflection of slippery road.
10. Two sensors of radar and camera are installed in the front area of vehicle and behind windshield; Please note that view of sensor should not be covered by pollutants, and front or surrounding areas should not be modified or decorated with license plate frames, etc. Especially, when sensor is completely covered by snow, system function will be exited. AEB performance may be reduced or it's function fails due to sensor vibration or collision. In this case, please go to Chery authorized service station for recalibration for sensors as soon as possible.

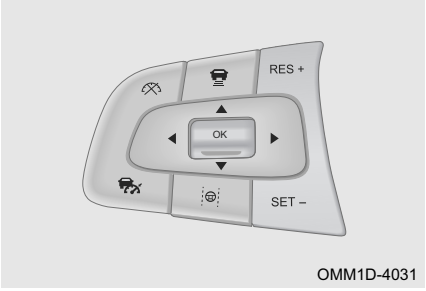
Precautions mentioned above do not cover all circumstances that may affect AEB normal operation. AEB function may fail to bring the expected effect due to other reasons. Driver must always assume full responsibility for vehicle control anytime.

5-7. Traffic Jam Assist System (TJA)/Integrated Cruise Assist System (ICA)

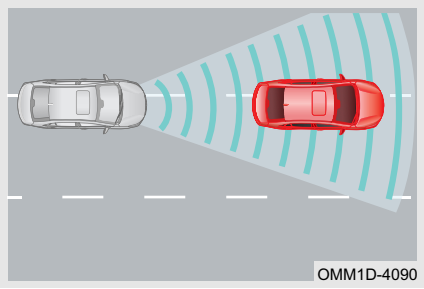
Traffic Jam Assist System (TJA)/Integrated Cruise Assist System (ICA) (If Equipped)

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

Activating TJA/ICA



When " " button is pressed, TJA/ICA is turned on and ACC is turned on automatically at the same time, " " gray indicator in instrument cluster remains on. When all ACC activation conditions are met, press "SET-" button, ACC is activated firstly, meanwhile, front camera detect if there are lane lines or vehicle targets, when activation conditions are met, " " green indicator in instrument cluster remains on.



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

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

Function limit

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

1. Hands off steering wheel.
2. Turn signal light is turned on.
3. Vehicle speed is < 1 km/h.
4. Hazard light is turned on.
5. Lane line is not detected.
6. Too wide or too narrow lane.
7. Too small lane curve radius.
8. Driver rotates steering wheel actively.
9. Any exiting condition for ACC exists.

⚠ WARNING

- The driver must control vehicle, operate as needed in the whole driving process to avoid danger.
- TJA/ICA just offer assistance to you. It may not work properly under some driving conditions, weather conditions, traffic conditions or road conditions.

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

1. TJA/ICA is driving assist system, which can not violate laws of physics and has certain limitations. Driver must always keep control of the vehicle and be fully responsible for the vehicle.
2. Longitudinal control of TJA/ICA is performed by ACC, lateral control of TJA/ICA is performed by LKA, all precautions for ACC and LKA are also applicable to the system.
3. TJA/ICA does not provide automatic driving function and does not allow hand off driving. Diver prepares control vehicle anytime to ensure safety

under the conditions of turning, crossing, merging into one lane and vehicle ahead cutting.

4. TJA/ICA performance is affected by weather, illumination and lane line definition, with significant performance degradation or even loss of function in the case of backlight, sunset, nighttime, road surface covered by snow and ice, and unclear lane lines due to surface worn.
5. When TJA/ICA is malfunctioning, "" yellow indicator in instrument cluster remains on, at this time, TJA/ICA function fails, please go to Chery authorized service station for inspection and repair as soon as possible.

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

5-8. Tire Pressure Monitoring System (TPMS)

Tire Pressure Monitoring System (TPMS)

TPMS is an active safety configuration and can monitor pressure and temperature of tire in real-time and the information can be checked on driving information screen. When tire pressure is too low or temperature is too high, tire pressure monitoring system alarms.

OMM1D-4100

On driving information screen, move steering wheel combination button " OK " upward and downward to tire pressure display screen, then tire pressure and temperature values can be checked.

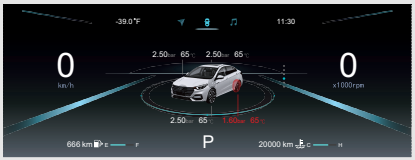
When speed is ＞ 30 km/h for period of time, tire pressure and temperature values will be displayed on instrument cluster in real-time; Vehicle power is turned from OFF mode to ON mode (without power-off), tire pressure and temperature values will be displayed on instrument cluster.

When speed is ＞ 30 km/h, if TPMS has not received radio-frequency signal from one or more sensors after several minutes, TPMS will send system malfunction warning. "" yellow indicator in instrument cluster blinks for several seconds and then it remains on. At this time, "Abnormal Tire Pressure, Check TPMS" is displayed and disappear after several seconds but can be checked on tire pressure display screen.

READ

Even if vehicle is equipped with TPMS, check if tire pressure and appearance are normal before driving. Please go to Chery authorized service station for inspection and repair as needed.

Low pressure warning



OMM1D-4101

When tire pressure is＜1.92 bar, and drives at a speed greater than 30 km/h for period of time, system will warn for low pressure. During low pressure warning, corresponding wheel icon will blink, current tire pressure value will be displayed and "(!)" yellow indicator in instrument cluster remains on.

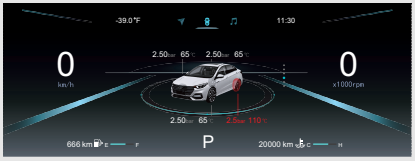
When vehicle power is turned to ON from OFF, and tire pressure is＜1.92 bar, system will warn for low pressure. During low pressure warning, corresponding wheel icon will blink, current tire pressure value will be displayed and "(!)" yellow indicator in instrument cluster remains on.

When low pressure warning occurs, please inflate the tire to 2.4 bar as soon as possible. After the vehicle is driven for a period of time at a speed greater than 30 km/h, low pressure warning cancels automatically.

CAUTION

Low tire pressure will increase fuel consumption and aggravate tire wear. Serious tire wear may cause a risk of tire blowout, inspect causes of air leakage. Please go to Chery authorized service station for inspection and repair as soon as possible as needed.

High temperature warning



OMM1D-4102

When tire temperature is ＞ 85° C, and drives at a speed greater than 30 km/h for period of time, system will warn for high temperature. During high temperature warning, corresponding wheel icon will blink, current tire temperature value will be displayed and "(!)" yellow indicator in instrument cluster remains on.

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

When warning for high temperature, if tire temperature is ＜ 80°C, and drives vehicle at a speed greater than 30 km/h for period of time, high temperature warning cancels automatically.

⚠ CAUTION
When warning for high temperature, stop driving at once to cool down tires naturally. Do not cool it down by pouring cold water, otherwise, tire may be damaged, causing an accident. Please go to Chery authorized service station for inspection and repair as needed.

Function limit

■ TPMS may send system malfunction warning in the following conditions:

1. Configuration learning of tire pressure monitoring system is not performed after replacing wheels (spare tire included).
2. Sensor may be affected due to electromagnetic shielding caused by installing tire chains, affecting proper operation of tire pressure monitoring system.
3. Tire pressure sensor or other components has been damaged, please go to Chery authorized service station for inspection and repair as soon as possible as needed.
4. TPMS may not work properly due to interference of electronic equipment (-over standard equipment) installed on vehicle, resulting false alarm.
5. TPMS may not operate due to radio interference; And it may be interfered temporarily due to strong electromagnetic radio signals with same frequency (433 MHz).

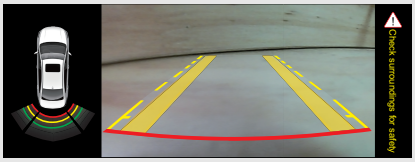
READ
Common radio interference sources include vehicle power, driving recorder, air purifier, entrance guard card, remote control, cell phone base station, TV tower, etc.

5-9. Parking Assist System

Parking View Monitor System (RVC) (If Equipped)

RVC collects the rear view image of vehicle through rear camera and displays the rear view and lane guideline by audio head unit, providing safety and easy parking for driver.

Usage method



OMM1D-4110

Move shift lever to R to enter RVC screen, and the screen will display the parking view monitor and lane guideline. Lane guideline varies depending on steering wheel rotation and it is used for prejudging the reversing traveling trace.

⚠ CAUTION

- Use the distance as a reference (such as on the hill).
- Vehicle width guideline and predicting line are wider than the actual line.
- Do not scratch the lens when cleaning dirt or snow on the camera surface.
- If 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.

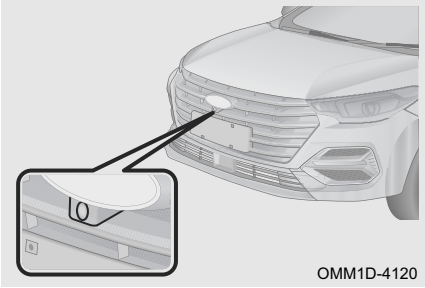
⚠ WARNING

- When reversing, make sure that back door is firmly closed.
- Never distract your attention from surrounding traffic due to images on display.
- Due to the limited monitoring range, RVC cannot view the bottom and corners of bumper.
- When reversing, always pay extra attention to surrounding children, small animals and objects, because they cannot always be detected by camera.
- Because rear camera use wide-angle lens, object distance displayed on RVC is different from the actual distance.
- Never hit the lens. They are precise instrument. Failure to do so may lead to malfunction or damage, causing a fire or electric shock.
- When washing the vehicle body with high-pressure water, do not spray water around the camera, otherwise, water will enter camera and condense on the lens, causing malfunction, fire, or electric shock.
- RVC is convenient, but it is not a substitute for correct reverse operation. When reversing, be sure to look around to check if the surrounding is safe and reverse slowly.
- Rear camera lens may enlarge and distort the view, so image on display is different from real object or it cannot reflect the real object accurately, and there is also blind spot and a little delay.

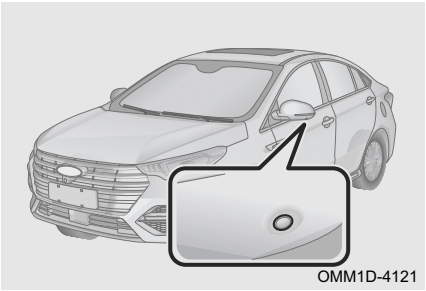
Panoramic View Monitor System (AVM) (If Equipped)

AVM collects the surrounding view image of the vehicle through four cameras and displays the surrounding view and lane guideline by audio head unit, providing safety and easy parking for driver.

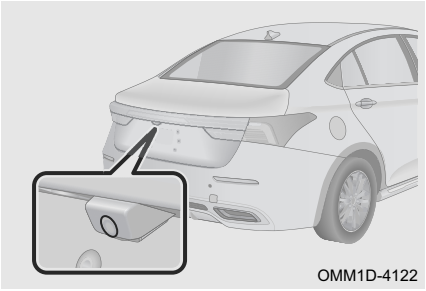
Camera layout



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

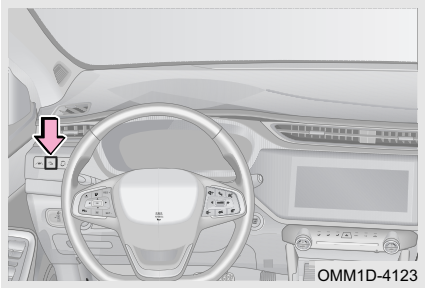


Installation position of left/right cameras: located at the bottom of left/right outside rear view mirrors.



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

Usage method



Turn vehicle power to ON mode, and vehicle speed is ＜ 20 km/h:

Method 1: Move shift lever to R to enter AVM; move shift lever out from R position to exit AVM after delaying 15 seconds.

Method 2: Click "AVM" switch to enter AVM; click "AVM" switch again to exit AVM.

Method 3: It enters AVM when turning on left/right turn signal lights (it is necessary to turn on activate panoramic view monitor when operating turn signal lights in AVM setting); it exit AVM when turning off left/right turn signal lights.

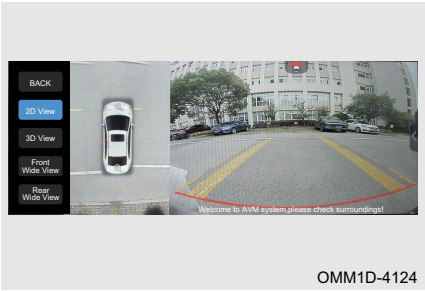
Method 4: It enters AVM when turning with large angle (it is necessary to turn on activate panoramic view monitor when turning in AVM setting).

Note: After turning vehicle power to OFF mode or vehicle speed is＞30 km/h, it exits AVM.

READ

AVM provides driving assistance convenience, but the object in the image does not reflect the actual size and obstacle distance. Comparing with the actual image, the image has a little delay and blind spot. Therefore, the panoramic view function is not a substitute for driver’s operation and judgment. Driver should pay attention to the surroundings and drive safely during turning on/off and using the function.

Switching view



OMM1D-4124

[Back] Exit AVM.

[2D view] Switch to 2D view.

[3D view] Switch to 3D view and click the vehicle icon.

"■" button: Switch to corresponding view.

[Front wide angle] Switch to front wide angle view.

[Rear wide angle] Switch to rear wide angle view.

READ

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

CAUTION

- Do not scratch the lens when cleaning dirt or snow on the camera surface.
- Do not place any object on the camera of AVM.
- The object distance seen from the AVM is different from the actual distance.
- Before using AVM, make sure to extend outside rear view mirrors and close the back door firmly.
- AVM has been calibrated professionally before leaving the factory. Any removal/installation and changes on camera installation position and angle without permission may affect the function and effect of AVM.
- AVM provides driving assistance convenience, but the object in the image does not reflect the actual size and obstacle distance. Comparing with the actual image, the image has a little delay and blind spot. Therefore, the panoramic view function is not a substitute for driver’s operation and judgment. Driver should pay attention to the surroundings and drive safely during turning on/off and using the function.

System setting

OMM1D-4125

[Panoramic view starting screen] When user entering AVM for the first time by clicking " AVM " switch, panoramic view starting screen will be displayed.

[Activate panoramic view monitor when operating turn signal light] When turning on left/right turn signal light, 3D view of rear left/rear right side of vehicle will be displayed.

[Activate panoramic view monitor when turning] It enters AVM when turning with large angle.

[Auto zoomin view] Enter zoomin view automatically based on distance to obstacle.

[Door open indication] Open front left/front right door to enter front left/front right door open view.

[Lane guideline display] When entering AVM, load static/dynamic guideline and wheel track line.

[Parking radar display] Display the corresponding radar distance information.

[License plate number setting] Display the corresponding license plate number information on vehicle icon.

[Restore default setting] Restore default settings.

Parking Radar System

Parking radar system is a radar detection device, adopts radar sensors to detect if there are obstacles in rear of vehicle and distance from obstacles. The driver is prompted by the audio head unit display, sound alarm, etc., so as to assist the driver to park safely and easily.

Usage method

Turn vehicle power to ON mode, shift lever is moved to R position, parking radar system is activated; When a radar sensor detects an obstacle, audio head unit displays distance from obstacle (red, yellow, green areas) accompanied by alarm sound.

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

⚠ CAUTION

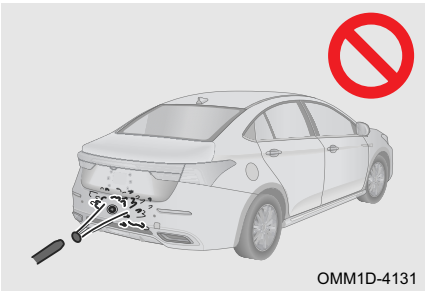
- For obstacles out of the detection range, radar sensors do not give a warning.
- When moving, be aware that the reverse radar sensors on the other side may get close to other obstacles.

Function limit

■ Parking radar system may not work normally in the following conditions:

1. When vehicle is on a steep slope.
2. When driving in jelly-like snow or in rain.
3. Low objects such as rocks, etc. cannot be detected.
4. Objects that are higher than bumper cannot be detected.
5. Thin objects such as wires, fences and ropes, etc. cannot be detected.
6. When vehicle is equipped with a high frequency radio or antenna is in use.
7. When radar sensor surfaces are frozen, they will not detect any obstacle.
8. When radar sensors are covered by dirt, snow or mud, they may not detect obstacles.
9. Objects that easily absorb ultrasonic waves such as soft snow, cotton, sponge, etc. cannot be detected.
10. When there is noisy near the vehicle, such as vehicle horns, motorcycle engines, air brakes of large vehicles, or other loud noises producing ultrasonic waves.
11. If obstacles are detected by multiple radar sensors, the distances between each radar sensor and obstacles are displayed on audio head unit simultaneously, and system sounds according to nearest obstacle.

Cleaning radar sensor


OMM1D-4131

When washing vehicle, use a soft cloth or water (low water pressure) to wash off foreign matter such as snow, mud, and dust on the surface of the radar sensor.

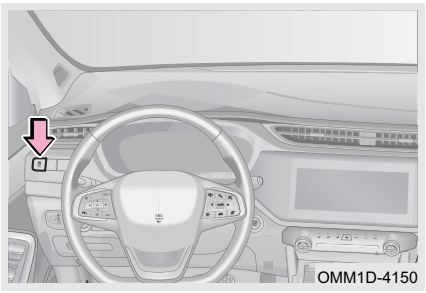
High pressure water flow such as water guns or large external force may cause damage to the radar sensors. Do not pinch or impact the radar sensors, or it may be resulting in abnormal operation.

5-10. Braking Force Control System

Electronic Stability Program (ESP) System

ESP keeps vehicle stability when oversteering or understeering. When oversteering or understeering is detected, system applies brake to one or more wheels to enhance control of vehicle stability. ESP also extends some functions (such as ABS and EBD, etc.) to ensure the lateral stability during vehicle driving.

Usage method



Press " " switch (if equipped) to turn off ESP; Press the " " switch (if equipped) again to turn on ESP.

Note: Turning on/off of ESP should be set in instrument cluster for some models. For details, refer to "-Instrument Cluster".

READ

- ESP cannot be turned off during operation.
- When driving vehicle for the first time, electronic stability control system (ESP) is on by default.

Electronic Stability Program (ESP) system indicator

During turning off, " " yellow indicator in instrument cluster remains on.

During operation, " " yellow indicator in instrument cluster blinks.

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

READ

If replace with non-full size spare tire, it will cause abnormal alarm in ESP. After changing to normal size tire, it will return to normal automatically after driving 1 km.

WARNING

- When ESP is malfunctioning, please go to Chery authorized service station for inspection and repair as soon as possible.
- Even when ESP is working, high speed driving, sharp turns or poor road conditions can cause an accidents.
- ESP function does not completely ensure that you can take over vehicle if it is lost control under various extreme situations. Even with ESP, always follow laws and regulations to avoid accidents.

Function limit

■ Under the following conditions, ESP needs to be turned off:

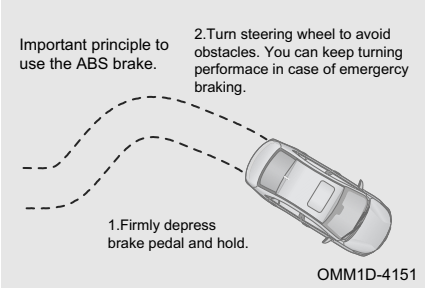
1. When driving with tire chains.
2. When starting vehicle on power tester.
3. When driving on roads with deep snow or loose roads.

READ

To improve vehicle traction when driving on sand or gravel, it is recommended to turn ESP off.

Anti-lock Brake System (ABS)

ABS can prevent wheel from being locked in excessive braking or braking on the slippery road, avoiding vehicle sideways slippage or vehicle drifting and keeping vehicle stability.



ABS does not function during normal braking and it will be turned on immediately only during sudden braking (brake pedal pulsates with noise, ensuring brake performance and steering performance, if the space is enough, the vehicle can also avoid obstacles). Never release brake pedal in this case.

⚠ WARNING

- Always drive carefully and make sure to decelerate during turning.
- When ABS is malfunctioning, please go to Chery authorized service station for inspection and repair as soon as possible.
- Although ABS can ensure the best braking effect, braking distance will vary largely due to road conditions.
- Also, ABS cannot eliminate risks arising from close-following driving, wading, turning quickly or driving on poor road surfaces and cannot avoid accidents caused by inattentive or inappropriate driving.
- ABS cannot ensure that brake distance can be shorted in any situations, vehicle equipped with tire chains, on sand or snow covered roads, may require a longer braking distance compared to vehicles without ABS.

Anti-lock brake system (ABS) indicator

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

⚠ WARNING

When ABS indicator and brake system indicator remain on at the same time, park your vehicle on a safety place far away from traffic main artery and go to Chery authorized service station for inspection and repair immediately.

Function limit

■ ABS will make operation sound in following conditions:

1. Rebounding sound of brake pedal.
2. Impacting sound between suspension and vehicle body due to emergency braking.
3. Operation sound of motor, solenoid valve and return pump in hydraulic unit.
4. Operation sound of solenoid valve when EBD is intervened in braking.
5. It will drone for a short time after vehicle is powered on or starting engine, indicating system self-test is performed.

■ Always maintain a safe distance from vehicle ahead in the following situations:

1. When driving on rough roads.
2. When driving on roads with potholes or uneven surfaces.
3. When driving with tire chains.
4. 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 type at Chery authorized service station.

⚠ WARNING

- When driving in rainy day, properly control the vehicle speed, if wheel spins or slips, ABS will cannot control the vehicle.
- Although ABS can help to control vehicle, make sure to drive carefully, maintain a moderate speed and keep safe distance from preceding vehicles. There are certain limitations in vehicle stability and steering wheel operation effect even ABS operates.

Extended Function

Electric Brake-force Distribution (EBD) system

EBD system 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)

When 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 Hold Control (HHC) system

HHC system can prevent vehicle from moving backward when starting off on uphill. After vehicle is stationary, HHC system adopts longitudinal acceleration sensor to determine if the vehicle is on a slope. When vehicle starts from stationary state on a slope to drive or reverse upwards, HHC system 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 increasing of drive torque, brake pressure reduces gradually, avoiding accidents caused by moving backward when starting off on a slope.

Hydraulic Brake Assist (HBA) system

HBA system is used to shorten the braking distance in emergency braking. In an emergency, driver usually brakes in time, but generally does not apply the maximum braking force, thus lengthening braking distance. In this case, HBA system will operate: When driver depresses brake pedal rapidly in an emergency with insufficient force, HBA system quickly increases brake

pressure to maximum level, making anti-lock brake system shorten braking distance more quickly and effectively.

Drag Torque Control (DTC)

In normal driving, if release accelerator pedal quickly or shift the shift lever to lower gear by mistake, vehicle will produce a similar braking effect, especially on slippery road, the wheel will lock up. At this time, ESP will request engine to increase torque output, resume rotation of drive wheels, improving steering stability.

Start assist function (if equipped)

Torque output when vehicle starts off is increased to easily start off.

6-1. Basic Knowledge of Vehicle Emergency

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6-1. Basic Knowledge of Vehicle Emergency

Emergency Call Function

Emergency call function can offer quick and specific rescue service to driver all the time, making travel more assured.

ECALL (If Equipped)

OMM1D-5010

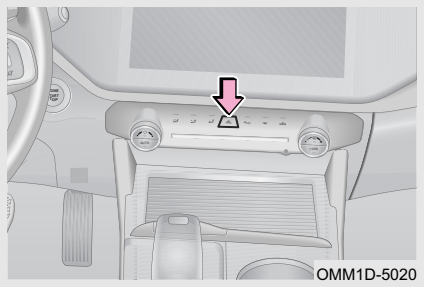
Manual rescue: When an accident occurs, manually press SOS button on the right (the left side is indicator display) to make an emergency call and start emergency rescue assist function.

Automatic rescue: When an accident causes airbag to be deployed, an emergency call is dialed automatically, and detailed information, such as accurate location of vehicle, is sent to emergency call center.

READ

- To use emergency rescue call function properly, focus on and pay in time.
- When vehicle enters underground garage or travels on roads under intense electromagnetic interference (no 4G signal), the function may not operate properly.

Hazard Light


OMM1D-5020

In case of vehicle failure or traffic accident etc., please turn on the hazard lights to warn other vehicles to avoid the secondary accident.

Press hazard light switch, turn signal lights flash and the turn signal light indicator on instrument cluster flashes at the same time; Press the switch again, turn signal lights and indicator will turn off.

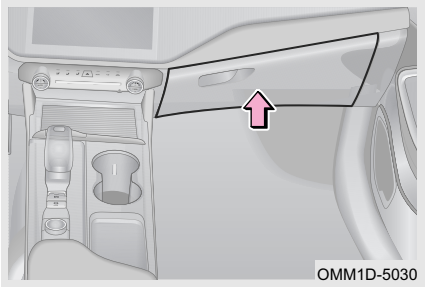
READ

- The hazard light can still work when the vehicle power is turned to OFF mode.
- The hazard light is automatically activated when the airbag (SRS) is operating.

Emergency braking alarm function

When brake pedal is depressed in emergency at higher speed, the turn signal lights and turn signal light indicator on instrument cluster flash quickly; Release the brake pedal, press the hazard light switch or turn the vehicle power to OFF mode, the turn signal lights and turn signal light indicator on instrument cluster will stop flashing.

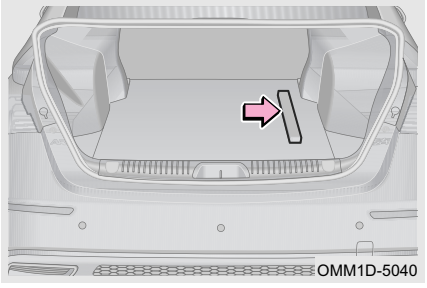
Reflective Vest


OMM1D-5030

The reflective vest is placed in the glove box.

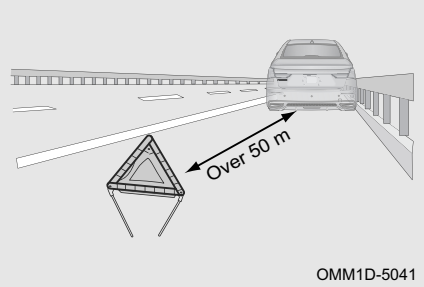
In case of vehicle failure or traffic accident etc., wear the reflective vest with reflective strip facing outwards. Its reflective performance can warn other vehicles to avoid secondary accidents.

Warning Triangle


OMM1D-5040

Warning triangle is located on the luggage compartment carpet.

In case of vehicle failure or traffic accident etc., the reflective performance of warning triangle can warn other vehicles to avoid secondary accidents.



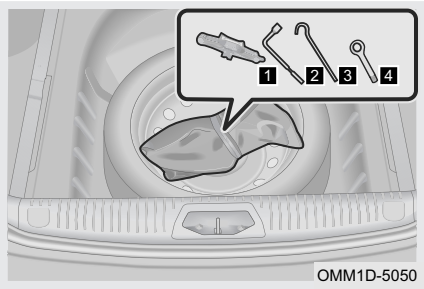
OMM1D-5041

Place the warning triangle at a distance of more than 50m behind the vehicle on a normal road.

Place the warning triangle at a distance of more than 150m behind the vehicle on the highway.

Place the warning triangle at a distance of over 150m behind the vehicle in rain or when steering.

Spare Tools



OMM1D-5050

1 Jack
2 Wheel bolt wrench
3 Jack rocker
4 Towing eyelet

6-2. Vehicle Emergency Handling

If You Have a Flat Tire During 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.

1. Preparations before replacing flat tire.

Step 1: Stop vehicles on solid, level ground;

Step 2: Apply parking brake and shift the shift lever to P (for A/T models) or N (for M/T models);

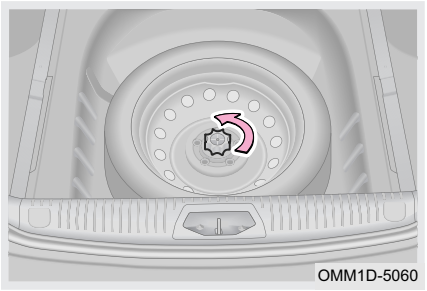
Step 3: Turn vehicle power to OFF mode, and turn on hazard lights;

Step 4: Have everyone get out of vehicle, pull over and stay away from traffic;

Step 5: Wear reflective vest, and place the warning triangle at a distance of 50 m - 150 m behind the vehicle (depending on actual condition).

⚠ CAUTION
Do not continue driving with a flat tire. Driving even a short distance with a flat tire can damage the tire beyond repair.

2. Take out spare tire.

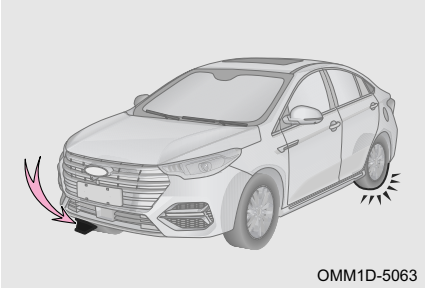

OMM1D-5060

Step 1: Open back door, lift the luggage compartment carpet and take out spare tools;

Step 2: Rotate fixing device of spare tire counterclockwise to remove it, and then take out spare tire.

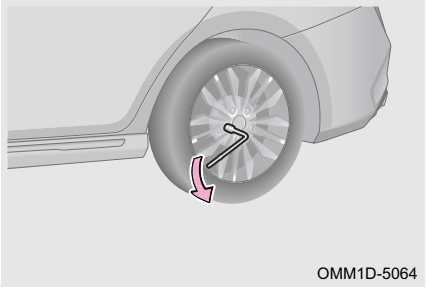
Note: Stow the replaced tire in the opposite method after installing spare tire.

3. Remove flat tire.


OMM1D-5063

Step 1: Put a block under the tire diagonally opposite to flat tire to prevent vehicle from rolling;

Flat Tire	Wheel Block Position
Front left wheel	Behind rear right wheel
Front right wheel	Behind rear left wheel
Rear left wheel	Behind front right wheel
Rear right wheel	Behind front left wheel


OMM1D-5064

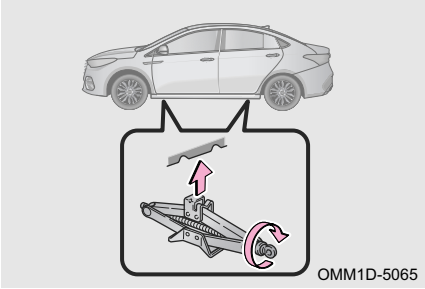
Step 2: Fit wheel bolt wrench to wheel bolt of flat tire, set the handle on left side, hold the end of wrench handle and push it downward, loosen each bolt of flat tire about one-half turn;

⚠ CAUTION

When removing wheel bolts by wheel bolt wrench, avoid wheel bolt wrench dropping off from bolt abnormally as much as possible, otherwise, wheel bolts will be damaged easily.

⚠ WARNING

Do not remove the bolts completely. Otherwise, wheel may drop off because of the vehicle pressure, causing personal injury.



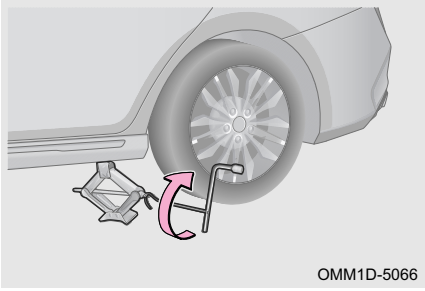
Step 3: Place jack on firm and level ground, turn jack handle clockwise by hand, making the notch of jack contact with the correct jacking-up point;

READ

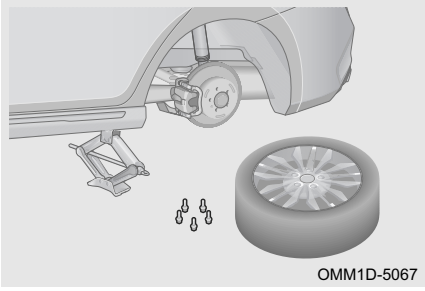
- Jack rated load: 800 kg.
- Jack up the vehicle to a proper height at which tire can be replaced just.

WARNING

Never put any part of body under the vehicle when vehicle is jacked up to avoid personal injury.



Step 4: When the notch of jack contacts correct jacking-up point, fit jack rocker into jack, and wheel bolt wrench into jack rocker, and turn the wheel bolt wrench clockwise to jack up the vehicle;

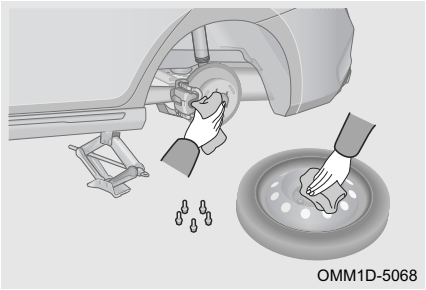


Step 5: Remove the wheel bolts of flat tire counterclockwise with the wheel bolt wrench, and remove the flat tire.

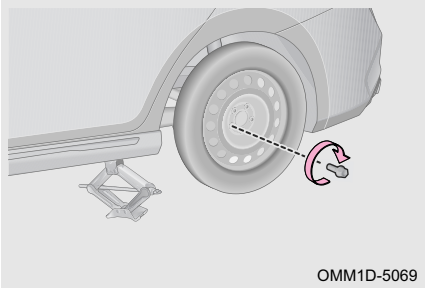
CAUTION

Place the flat tire on ground with rim facing upward, avoid scratching the rim surface.

4. Install spare tire.

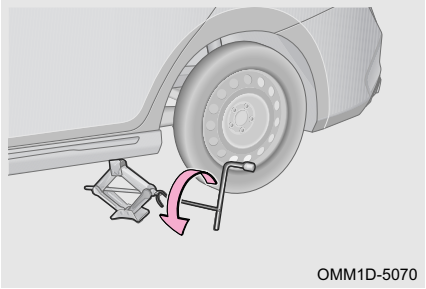

OMM1D-5068

Step 1: Remove any attachments from mounting surface. Make sure wheel hub well contacts with wheel surface, and install spare tire;

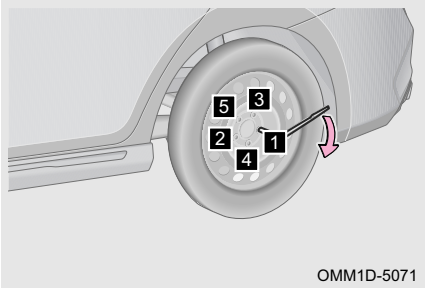

OMM1D-5069

Step 2: When installing wheel bolts, screw into all wheel bolts clockwise by hand. Then straighten the spare tire, and pre-tighten all wheel bolts with wheel bolt wrench;

⚠ CAUTION
Do not apply oil or grease to wheel bolts.


OMM1D-5070

Step 3: Make sure all persons around the vehicle stay in the safe area, fit jack rocker into jack, and wheel bolt wrench into jack rocker, and turn wheel bolt wrench counterclockwise to lower the vehicle;



OMM1D-5071

Step 4: Using wheel bolt wrench, tighten bolts in sequence shown in illustration. Repeat the process 2 to 3 times to ensure that wheel bolts are tightened in place;

Step 5: Stow the flat tire and place jack, warning triangle and spare tools in original place;

Step 6: If the pressure of spare tire is insufficient, drive vehicle slowly to the nearest Chery authorized service station to inflate tire to correct pressure.

READ

After tire is replaced with non-full size spare tire, electronic stability control system (ESP) alarms. It will return to normal automatically after being driven for 1 km since normal size tire is installed.

WARNING

- Driving at specified speed of 80km/h or less with a non-full size spare tire.
- Non-full size spare tire cannot be used for a long time. Tighten wheel bolts to 110 ± 10 N·m after replacing the non-full size spare tire. Drive slowly to the nearest Chery authorized service station (recommended distance ⩽ 80km) to replace it with the standard tire. Otherwise, the wheels may fall off due to loose bolts.

If Engine Coolant Temperature is High

If the engine coolant temperature is high during driving, and engine coolant temperature gauge approaching H area or red indicator "" on instrument cluster comes on, please stop vehicle to a safe place away from the traffic road.

Step 1: Stop vehicles on solid, level ground;

Step 2: Apply parking brake and shift the shift lever to N (for M/T models) or P (for A/T models);

Step 3: Turn off A/C system (water dripping from air conditioning after use is normal);

Step 4: Turn vehicle power to OFF mode after idling for several minutes, and turn on hazard lights;

Step 5: Before opening the hood, check whether there is steam or coolant overflow or leakage. Only open hood when there is no steam or coolant overflow or leakage, otherwise, burns may occur;

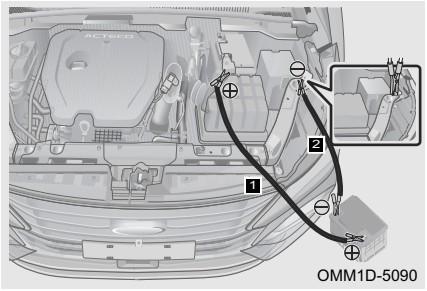
Step 6: Check the coolant level, if the cause cannot be determined, please contact Chery authorized service station for inspection and repair immediately.

CAUTION

- If engine overheats frequently, please contact Chery authorized service station for inspection and repair immediately.
- If the coolant level is low, water can be used temporarily, please go to Chery authorized service station to replace coolant as soon as possible.

If Battery is Depleted

Jump-starting



Step 1: Turn vehicle power to OFF mode, and connect jumper cables;

1 Connect one end of positive cable to positive terminal (+) of battery of discharged vehicle, and the other end to the positive terminal (+) of battery on rescue vehicle.

2 Connect one end of negative cable to negative terminal (-) of battery on rescue vehicle, and the other end to unpainted metal part of discharged vehicle.

Step 2: Start the engine of rescue vehicle, slightly increase engine speed and maintain for approximately 5 minutes to temporarily charge the battery of discharged vehicle;

Step 3: If the discharged vehicle is still unable to start, check whether the jumper cable is connected normally, and then charge the battery;

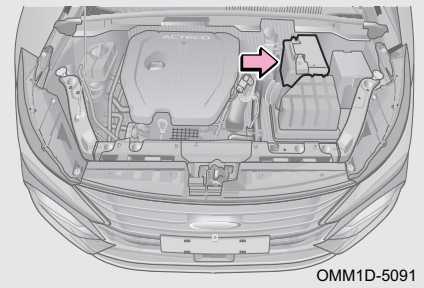
Step 4: Once the engine is started on discharged vehicle, remove jumper cables in the reverse order of connection (negative cable first and then the positive cable).

⚠ CAUTION

- If the battery is lack of power frequently, please go to Chery authorized service station for inspection and repair as soon as possible.
- The negative terminal of battery on rescue vehicle should not be directly connected to negative terminal of battery on discharged vehicle.
- Do not jump start unless you are sure that the battery voltage for jumper starting is 12 - 13 V.
- When connecting and removing jumper cables, ensure that they do not become entangled in fan, belt, etc.
- Ensure that the jumper cables are properly connected and keep a certain distance between terminals, to prevent the jumper cables from touching each other or touch other metal parts of the vehicle.
- Before turning off vehicle power or locking the vehicle, make sure that the electrical appliances of vehicle are turned off, to prevent the vehicle from being unable to start normally due to battery power loss.

⚠ WARNING
• The specified jumper cables should be used. • Do not smoke, use matches, cigarette lighters or allow open flame near the battery. • If you are unsure about how to follow the procedure, Chery strongly recommends that you seek help from professional serviceman or Chery authorized service station.

Replacing battery


OMM1D-5091

Step 1: Vehicle power is turned to OFF mode;

Step 2: Open the hood;

Step 3: Remove the negative (-) battery terminal cable;

Step 4: Remove the positive (+) battery terminal cable;

Step 5: Remove the battery holder and the battery;

Step 6: Install a new battery that has the same specification as the used one;

Step 7: Install the new battery properly in the reverse order of removing.

Note: Your vehicle is equipped with maintenance free battery. The new battery should have the same specifications with the genuine one during replacement. We recommend that you should a Chery authorized service station for battery replacement.

ENVIRONMENTAL PROTECTION
Battery contains acid which is poisonous and corrosive. Please deal with it according to the local regulations and provisions regarding environmental protection.

⚠ CAUTION
While removing battery, be careful to avoid the metal tool contacting both battery terminals or touching the positive (+) battery terminal and body at the same time.

⚠ WARNING

- Do not leave battery within the reach of children.
- Do not smoke, use matches, cigarette lighters or allow open flame near the battery.
- Always wear gloves and safety glasses during operation, as battery contain acid which is poisonous and corrosive. Do not lean the battery.
- If acid spills on your skin or clothes, the liquid must be neutralized with alkaline water (such as: soap) immediately, and then wash it with clean water. Get emergency medical attention immediately if necessary.

If Your Vehicle Cannot Start Normally

If your vehicle cannot start normally, first make sure you have followed the correct starting procedures and check if fuel is sufficient.

■ Starter speed is too low, but vehicle cannot start normally

Step 1: Check if battery terminals are tight and clean;

Step 2: Turn on headlights. If the light is dim, it indicates that the battery is discharged. Please try jump starting;

Step 3: Try to start engine again, if it still cannot start normally, the starting system may be malfunctioning. Please contact Chery authorized service station for inspection and repair immediately.

■ Starter speed is normal, but vehicle cannot start normally

Step 1: Turn vehicle power to OFF or ACC mode, try to start the engine again;

Step 2: If the engine still cannot be started normally, it may cause excessive fuel in cylinder due to repeat starting. Turn vehicle power to OFF mode, try to start engine again after a few minutes;

Step 3: Try to start engine again, if it still cannot start normally, please contact Chery authorized service station for inspection and repair immediately.

⚠ CAUTION

- To avoid damage to the starter, starting operation should not exceed 15 seconds each time.
- If vehicle becomes difficult to start or stalls frequently, please go to Chery authorized service station for inspection and repair as soon as possible.

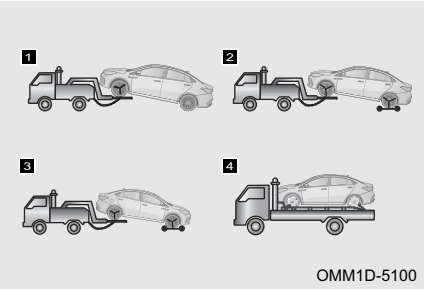
6-3. Towing

Towing Vehicle

Towing must comply with state/provincial and local laws about towing.

Before towing the vehicle, release parking brake (for details of emergency releasing electric parking, refer to "Brake System"), and shift the shift lever to N.

Correct towing methods



1 For front-wheel drive vehicles: Tow with a wheel lift-type truck from front, and secure the vehicle firmly.

2 For front-wheel drive, rear-wheel drive and 4WD vehicles: When towing with a wheel lift-type truck from front, use a towing dolly under the rear wheels, and secure the vehicle firmly.

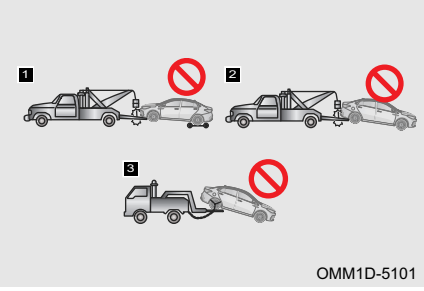
3 For front-wheel drive, rear-wheel drive and 4WD vehicles: When towing with a wheel lift-type truck from behind, use a towing dolly under the front wheels, and secure the vehicle firmly.

4 For front-wheel drive, rear-wheel drive and 4WD vehicles: When towing with a flatbed truck, secure the vehicle firmly.

⚠ CAUTION

- It is recommended to use flatbed truck for 4WD vehicles.
- Use a flatbed truck if the vehicle’s wheels or axle are damaged.
- 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.

Wrong towing methods



1 Tow with sling-type truck sling from front of the vehicle.

2 Tow with sling-type truck sling from rear of the vehicle whilst front wheels are on the ground.

3 Tow with wheel lift-type truck sling from rear of the vehicle whilst front wheels are on the ground.

⚠ CAUTION

Do not tow with a sling-type truck to prevent body damage.

Emergency Towing

If flatbed truck is not available during towing, your vehicle may be temporarily towed using a towing hook. This should only be attempted on hard surfaced road for short distances at low speed.

When using towing hook, driver must be in towed vehicle to operate steering wheel and brake pedal, and vehicle’s wheels, drive train, axle, steering system and braking system must be in good condition.

Before emergency towing, release parking brake (for emergency releasing electric parking, refer to "Brake System"), shift the shift lever to N, and turn vehicle power to ACC/ON mode.

⚠ CAUTION

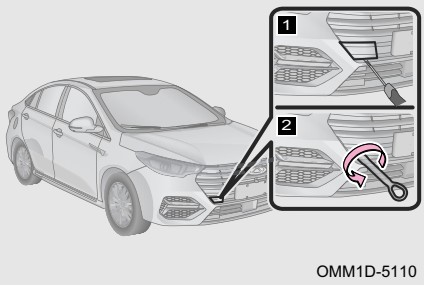
- Do not perform emergency towing for long periods of time.
- Never tow a vehicle heavier than this vehicle, otherwise the vehicle may be damaged.
- Secure a towing cable, chain or lever to the vehicle towing eyelet.
- Both drivers must be familiar with the towing process, otherwise they cannot carry out towing work.
- Tow vehicle as straightly ahead as possible, do not tow vehicle from side to avoid damaging vehicle.
- If engine is not started, assist system will not work, therefore, braking and steering will be more difficult than usual. So, please operate carefully.
- For towing of A/T models, Chery strongly recommends that you seek help from professional serviceman or Chery authorized service station.
- If towed vehicle still cannot move, do not forcibly continue towing to avoid secondary damage to vehicle. Chery strongly recommends that you seek help from professional serviceman or Chery authorized service station.

⚠ WARNING

- To avoid personal injury, people other than driver should stay away from the vehicle when it is towed.
- When towing vehicle, avoid sudden 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.

Installing Towing Eyelet

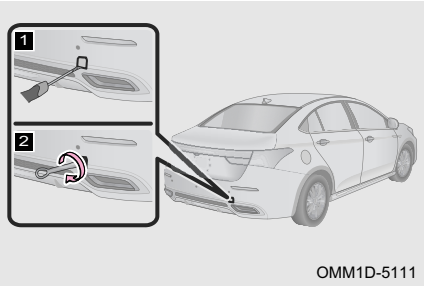
Front towing eyelet



Step 1: Use a flathead screwdriver with its tip taped to remove the front towing eyelet hole cover;

Step 2: Install towing eyelet into eyelet hole in a clockwise direction. Then tighten it firmly with wheel bolt wrench.

Rear towing eyelet



Step 1: Use a flathead screwdriver with its tip taped to remove the rear towing eyelet hole cover;

Step 2: Install towing eyelet into eyelet hole in a clockwise direction. Then tighten it firmly with wheel bolt wrench.

⚠ CAUTION

- Only use specified towing eyelet. Otherwise, vehicle may be damaged.
- Drive the vehicle slowly and smoothly when towing. Impact due to excessive tension may damage the vehicle.
- Towing rope or towing bar can be installed only when towing eyelet is installed in place.

⚠ WARNING

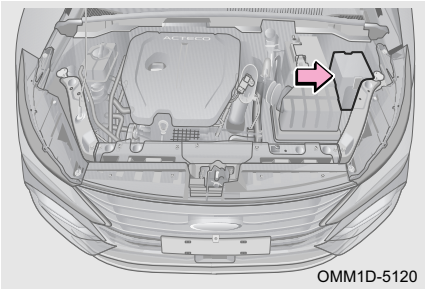
Make sure that towing eyelet is installed securely. Otherwise, the towing eyelet may come loose when towing, which may cause an accident, resulting in death or serious injury.

6-4. Fuse

Fuse Box

Fuses are used to protect electrical components and circuits to avoid short circuit or overload. If fuse is blown, the protected components and systems will not work properly.

Front compartment fuse box

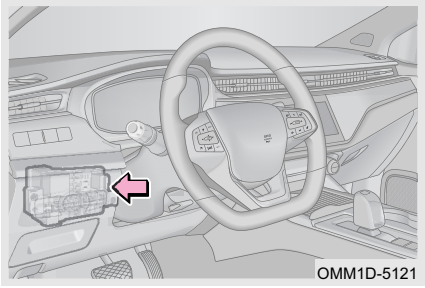

OMM1D-5120

Step 1: Vehicle power is turned to OFF mode;

Step 2: Disconnect the negative battery terminal cable;

Step 3: Remove front compartment fuse box cover to inspect or replace fuse.

Instrument panel fuse and relay box


OMM1D-5121

Step 1: Vehicle power is turned to OFF mode;

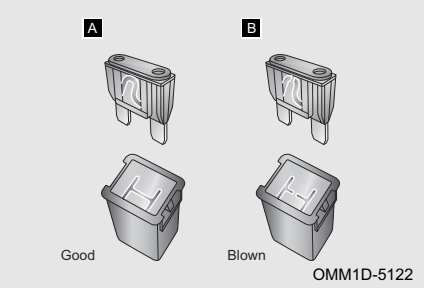
Step 2: Disconnect the negative battery terminal cable;

Step 3: Remove instrument panel lower left protector to inspect or replace fuse.

READ

- Check suspected fuses according to the fuse and relay box layout.
- The fuse box must be clean, keep it away from dampness when opening, as moisture may damage the electrical system.
- To prevent damage to the vehicle, be careful when removing/installing the instrument panel lower left protector. Please contact Chery authorized service station as necessary.

Checking Fuse

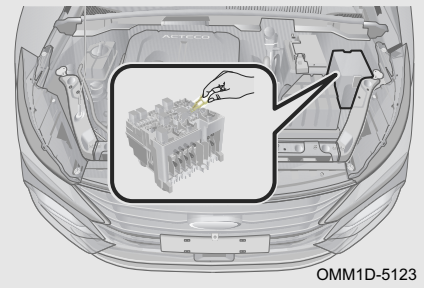


A Good fuse.

B Blown fuse.

READ
If the fuses are blown, they must be replaced.

Replacing Fuse



Step 1: Vehicle power is turned to OFF mode;

Step 2: Check fuses according to the fuse and relay box layout;

Step 3: Pull the suspected fuse out by a fuse remover;

Step 4: Check if the fuse is blown. If you are not sure whether the fuse has blown, replace the suspected fuse with spare fuse that has the same amperage rating. You can see the amperage rating on the schematic diagram inside the fuse box cover.

⚠ CAUTION
• Do not modify any fuses or fuse boxes. • Only install a fuse that has the same amperage rating as used one. Never replace a fuse with a wire, even as a temporary replacement. Otherwise, this may cause serious damage to electrical appliances, or even fire.

7-1. Repair and Maintenance

Repair and Maintenance ... 204

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Safety Check..... 205

7-2. Normal Maintenance

Normal Maintenance 206

Checking Oil Level 207

Checking Transmission Fluid Level 208

Check Steering Fluid Level (If Equipped) 208

Checking Brake Fluid Level..... 209

Checking Coolant Level 209

Checking Radiator and Condenser 210

Checking Drive Belt..... 211

Checking Tires..... 211

Tire Rotation..... 213

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7-1. Repair and Maintenance

Repair and Maintenance

There are two types of repair and maintenance: one is normal maintenance, which can be done by the customers; the other is scheduled maintenance, inspection and repair, which needs to be completed by Chery authorized service station.

For the details of regular maintenance, inspection and repair methods, please refer to "Regular Maintenance" in this section; Regular maintenance can be helpful for you to found and eliminate potential dangers in time to prevent malfunctions. Scheduled maintenance of your vehicle is essential. Please strictly follow the maintenance schedule of "User Manual" to perform maintenance, ensuring that your vehicle maintains the best performance and good operating conditions, thus effectively extending the service life of the vehicle.

Please use the oil fluid recommended by Chery, or your vehicle may be damaged.

Chery Authorized Service Station is at Your Service

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 professional 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.

ENVIRONMENTAL PROTECTION
Used engine oil, brake fluid, coolant, steering fluid (if equipped), batteries and tires should only be disposed of by qualified waste disposal agencies or consulted with supporting manufacturers, and should not be taken out with household waste or discharged into the communal drainage system.

Service arrangements

When go to 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.

Prepare a list sheet covering vehicle malfunctions and specific service items. If you have had an accident or any item serviced is not included in the service records, let your service advisor know.

If you list many service items and you must fetch your vehicle on the day, communicate with your advisor to rank the items by priority.

Safety Check

It is better to perform safety check before driving vehicle, which can improve driving safety and let you enjoy driving pleasure.

⚠ WARNING
While inspecting vehicle, do not start the vehicle.

Daily check
Check whether paint surface is scratched, light shade is damaged, body is tilted, wheel bolts are missed or loosened, water/oil leakage of chassis occurs, door/hood/back door/glass is damaged.
Check that engine oil level, brake fluid level, coolant level, steering fluid level (if equipped) and windshield washer fluid level is normal.
Check cold tire pressure and conditions (such as: wear, swelling, aging cracks, mechanical damages, etc). Also check the spare tire.
Check whether seat belt buckles are locked securely. Make sure belts are not worn or frayed.
Check whether lighting of lights is normal.
Check whether meter indicators are normal.

Monthly check
Clean vehicle surface, inside of engine hood (dust on surface of radiator and condenser, and remaining oil of engine body), vehicle interior and luggage compartment.
Check assembly, pipes, hoses and tanks for leaks; Check whether battery and cable are corroded and loosened; Check whether circuits are damaged, loosened or disconnected; Check that water/oil leakage of chassis occurs.
Check whether air condition is operated properly.
Check whether parking brake is operated properly.
Check whether spare fuses and spare tools (such as: jack, wheel bolt wrench, etc.) are equipped.

READ

Used engine oil, brake fluid, coolant, batteries and tires can be disposed only by qualified waste disposal agencies, or consult supporting manufacturers for disposal of them. It is not allowed to discard them with household waste or discharge them into public drainage system.

7-2. Normal Maintenance

Normal Maintenance

Be sure to follow the correct maintenance procedures provided in this section if you perform do-it-yourself maintenance.

This section only lists the simple maintenance instructions which can be performed by customers. However, there are still many items that have to be maintained by qualified technicians with special tools.

CAUTION

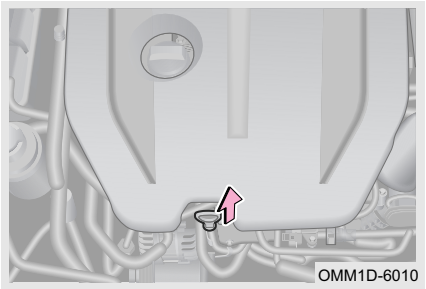
- Check if the tools, cotton, etc. are left in the cabin before closing the hood.
- Do not drive vehicle with the air filter removed, otherwise, excessive engine wear could occur.
- Correctly add fluid to the appropriate level. If some fluid splashes onto the vehicle, be sure to immediately wash it off with a wet cloth, to avoid damage to the painted surface.

WARNING

- If the engine is very hot, do not open the coolant reservoir cap to prevent scalding injury.
- When the engine is running, keep hands, clothing and tools away from engine drive belts and cooling fan.
- Do not smoke near fuel filler or battery, otherwise, it may cause sparks or open flames, resulting in a fire.
- There is a high voltage in the electronic ignition system. Do not touch these components while the engine is running or the vehicle power is turned on.
- Right after driving, engine, radiator, exhaust manifold and cylinder head will be very hot, so never touch them. Prevent the clothes (such as ties, etc.) from getting caught in the fan and causing personal injury because the cooling fan may automatically start and run at any time.

Checking Oil Level

Checking engine oil


OMM1D-6010

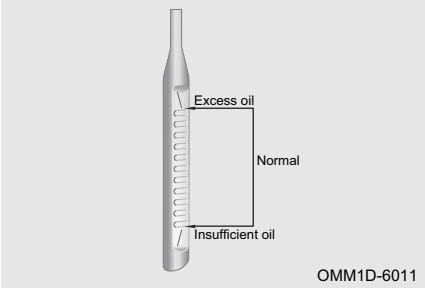
With the engine stalling and cooled down, check the oil level with the dipstick.

Step 1: Warm up the engine and then stop the vehicle on a level ground. Wait for approximately 5 minutes after turning off engine;

Step 2: Open the engine hood, pull out the dipstick and wipe it with a clean cloth;

Step 3: Insert the dipstick to the bottom uniformly and slowly;

Step 4: Leave the vehicle as is for approximately 3 seconds, pull out the dipstick again and check if oil level is proper.

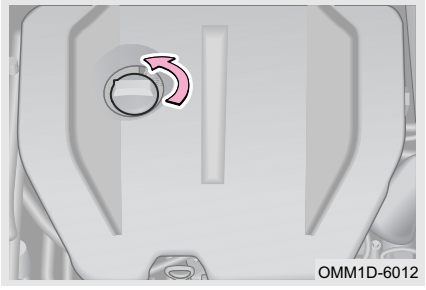


OMM1D-6011

Put a cloth under the dipstick to avoid oil spilling onto engine or vehicle body.

Do not check the oil level immediately after the engine warms up, and wait until the oil returns into the bottom of engine.

Adding engine oil


OMM1D-6012

Step 1: Turn the engine oil filler cap counterclockwise to open it;

Step 2: Use the funnel to add a small amount of engine oil for several times and check the oil level with a dipstick again;

Step 3: When the level is within the correct range, turn the engine oil filler cap clockwise to tighten it.

ENVIRONMENTAL PROTECTION

Do not discard the waste engine oil and filter in the household rubbish and sewer or on the ground. Otherwise, it will cause serious environmental pollution. Please dispose it according to the local regulations regarding to environmental protection.

⚠ CAUTION

- Do not overfill oil, or it may cause damage to engine.
- Only engine oil recommended by Chery can be used. Otherwise, all the direct or indirect loss incurred are at customer’s own risk.
- If oil is accidentally spilled on the surface of the engine during refueling, clean the spilled oil with canvas and other tools before tightening the engine oil filler cap.
- The engine oil filler cap cannot be placed up side down after removal to prevent misjudgment caused by oil backflow, and prevent oil flowed through seal ring from overflowing by itself after assembly again, which results in an illusion of oil leakage from the engine oil filler cap.

Checking Transmission Fluid Level

Checking, adding and replacing of transmission fluid should be done by professionals. Please go to Chery authorized service station.

Check Steering Fluid Level (If Equipped)

Brake fluid level should be between the "MIN" and "MAX" marks. If the level reaches the "MIN" mark or below, add brake fluid.

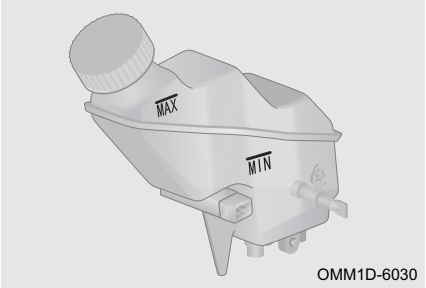
⚠ CAUTION

- Only steering fluid recommended by Chery can be used. Otherwise, all the direct or indirect loss incurred are at customer's own risk.
- If steering brake fluid splashes onto the painted surface of vehicle body, be sure to clean it with a wet sponge or wash it off with water to avoid corroding the parts or painted surface.

⚠ WARNING

Never allow steering fluid to contact your skin or eyes. If the steering 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 Brake Fluid Level



OMM1D-6030

Steering fluid level should be between the "MIN" and "MAX" marks. If the level reaches the "MIN" mark or below, add brake fluid.

⚠ CAUTION

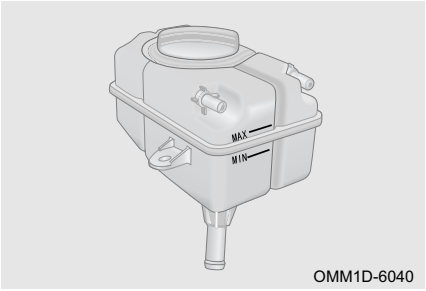
- As the brake fluid has high water absorbability, do not leave the brake fluid reservoir cap open for a long period of time.
- Only brake fluid recommended by Chery can be used. Otherwise, all the direct or indirect loss incurred are at customer’s own risk.
- If some brake fluid splashes onto the painted surface of vehicle body, be sure to clean it with a wet sponge or wash it off with water to avoid corroding the parts or painted surface.

⚠ WARNING

Never allow brake fluid to contact your skin or eyes. If the brake fluid splashes into your eyes, or on your skin, flush the area immediately with a great quantity of water. Get emergency medical attention immediately if necessary.

Checking Coolant Level

Checking coolant



OMM1D-6040

When engine is cold, the coolant level should necessary to between the "MIN" and "MAX" marks. If the level is in the "MIN" mark or below, add coolant.

Adding coolant

Step 1: When the engine is cold, open the coolant reservoir cap, and add coolant until reaching "MAX" mark;

Step 2: Start and run the engine to a normal temperature. Observe the coolant level in the reservoir all the time. If the level falls below "MIN" mark, add coolant to an appropriate level until the coolant level does not fall down further;

Step 3: Turn off engine and check if coolant level is correct after engine cools down. If not, repeat above operations until level is normal;

Step 4: Install the coolant reservoir cap into place.

⚠ CAUTION

- If coolant level falls down too fast, check radiator, water hose and water pump for leakage.
- Only brake fluid recommended by Chery can be used. Otherwise, all the direct or indirect loss incurred are at customer's own risk.

⚠ WARNING

- When engine is hot, the cooling system will be under high pressure. In this case, do not open the coolant reservoir cap, otherwise, the escaping steam may cause scalding injury.
- The coolant is poisonous, so pay extreme caution not to spray the liquid on any part of the vehicle, human body or ground when adding coolant. If the coolant accidentally gets onto your skin or into eyes, please wash the affected area with a great quantity of water. Get emergency medical attention immediately if necessary.

Checking Radiator and Condenser

After the vehicle runs for a period of time, the front surface of condenser and radiator could be blocked with some insects, leaves and other objects, which could affect the performance of air conditioning and cooling system, resulting in air conditioning operating improperly and cooling system overheating. It is necessary to clean radiator and condenser at the time.

Condenser: Clean the condenser by blowing compressed air from rear to front through the radiator when the engine is turned off and cools down.

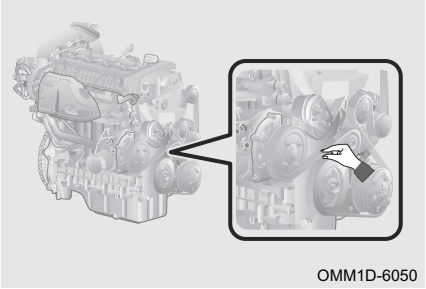
Radiator: It is recommended to clean the radiator surface every year. With engine turned off and cooled down, use compressed air or water to clean the radiator fins and blow off the insects and leaves, etc. Air and water pressure should not exceed 150 kPa. Otherwise, the radiator fins could be damaged.

⚠ CAUTION

- The material of radiator fins has good thermal conductivity, which is used to cool the coolant; Do not brush the fins, or it may cause damage to the fins, affecting the cooling effect.
- Do not spray water on the hot radiator while the engine is hot, otherwise, the generated high temperature steam may result in personal injury; Clean radiator when the engine is turned off and cools down.

Checking 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.



OMM1D-6050

Step 1: Vehicle power is turned to OFF mode;

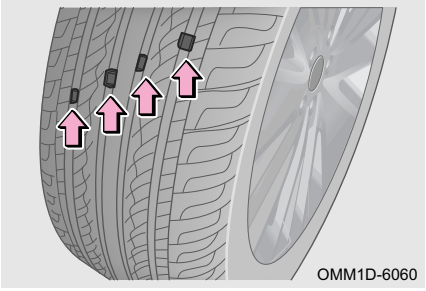
Step 2: Twist the belt with your fingers to check the rotation angle of belt;

Step 3: If rotation angle is more than 90°, please go to Chery authorized service station for inspection and repair.

⚠ WARNING

When checking the drive belt tension, turn off the engine and cool down to ensure that the engine belt is static.

Checking Tires



OMM1D-6060

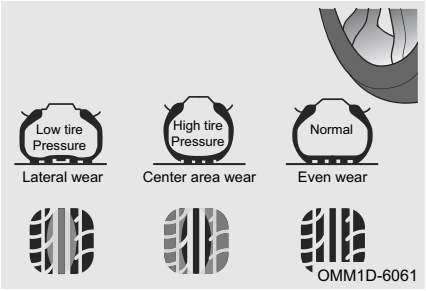
Check the tire tread for tread wear mark. When tread wear reaches its limit, tread will be in the same plane as the wear band. If such condition occurs, it indicates that performance and safety of tire seriously decrease, and replacement is necessary.

ENVIRONMENTAL PROTECTION

Never discard a disposed tire carelessly. It should be handled according to the local regulations regarding to environmental protection.

■ Observe the following precautions. Failure to do so may lead to an accident, resulting in death or serious injury:

1. Do not use tires that were used on another vehicle.
2. Do not mix tires with remarkably different tread wear.
3. Do not use tires if you do not know how they were used previously.
4. Do not mix tires with different manufacturers, models or tread patterns.
5. Do not mix differently constructed tires (such as radial, bias-belted or bias-ply tires).
6. 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.



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 (For provisions about the tire inflation pressure, please refer to the tire pressure label on driver side B pillar). When cold tire inflation pressure is higher than specified value or economic tire pressure is used, driving comfort will be reduced accordingly. Please adjust it according to your needs.

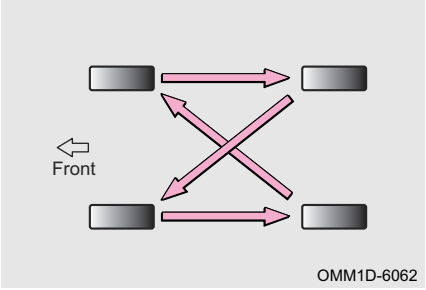
■ Be sure to keep proper tire inflation pressure. Otherwise, the following conditions may occur and result in in death or serious injury:

1. Excessive wear.
2. Poor handling.
3. Uneven wear.
4. Poor sealing of the tire bead.
5. Wheel deformation or tire separation.
6. Possibility of blowouts resulting from overheated tires.
7. A greater possibility of tire damage caused by poor road conditions.

⚠ CAUTION

- It is normal that the tire inflation pressure increases after driving for a period of time.
- If the tire needs to be inflated frequently, please go to Chery authorized service station for inspection and repair as soon as possible.
- If a tire often leaks or cannot be properly repaired due to a cut or other damages, it should be replaced.
- Use a tire pressure gauge to check cold tire inflation pressure. Visual inspection of a tire may cause inaccurate estimation on inflation pressure.
- If air leakage occurs while driving, do not continue to drive. Driving even a short distance can damage a tire beyond repair.
- 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 as soon as possible.

Tire Rotation



To equalize tire wear and extend tire service life, Chery recommends that you should rotate your tires approximately every 10,000 km (best adjustment range is 5,000 - 7,000 km); the tire rotation cycle may vary according to your driving habits and road surface conditions.

READ

Replacing of transmission fluid should be done by professionals. Please go to Chery authorized service station.

Checking Battery

Check and make sure that the battery terminals are not corroded and that there are no loose connections, external cracks, or loose fixing clamps.

Checking Air conditioning filter

Air conditioning filter can prevent outside dust from entering vehicle through air conditioning outlets when driving for a long period of time, and it may be blocked after being used for a long time. If efficiency of air conditioning decreases significantly, check filter and replace it as necessary.

READ

- The replacement of air conditioning filter should be performed by professionals, please go to Chery authorized service station.
- Using air conditioning with filter removed may result in degradation of dustproof performance, affecting efficiency of air conditioning.

Checking Windshield Washer Fluid

If no washer fluid is sprayed from washer nozzles, stop operating washers and check if it is necessary to add washer fluid. If it cannot operate properly after adding washer fluid, please contact Chery authorized service station for inspection and repair.

CAUTION

- Never add antifreeze in the windshield washer fluid, because antifreeze will damage the body painted surface.
- Do not use water as washer fluid when temperature is below zero. Otherwise, water will be frozen, causing damage to washer.

Checking Wiper Blades

Check the roughness of wiper blade by sliding on its edge using your finger. Wiper blade will not work effectively, if it is too rough.

CAUTION

- Do not use the wiper blades to remove frost or ice covered on the windshield.
- When there are pits on the windshield that struck by gravel, please maintain it timely.
- In winter, make sure that the wiper blades are not frozen to the glass before operating them to avoid damaging the wiper blades.
- Butter, silicone and fuel may cause the wiper blades to operate improperly, and it is recommended to clean the wiper blades with washer fluid.
- When the blades are lifted for maintenance, the center connector position of the blades should be properly picked up, it is required to enter maintenance mode for some models (for details, please refer to "Wiper System").

Maintaining wiper blades

1. Do not use high-pressure water jet to directly wash the wiper blades while washing the vehicle, or the wiper blades could be deformed.
2. In order to prevent the formation of schlieren, it is recommended to clean wiper blades using glass detergent regularly once a week.
3. For safety, it is recommended to replace the wiper blades 1 to 2 times a year, the wiper blades can be purchased at Chery authorized service station.
4. After washing the vehicle in the automatic car washer, apply pure water to rinse the windshield and blades, to remove the remaining wax layer.
5. Do not operate wipers when windshield is dry. Doing so may scratch glass, resulting in permanent damage to wiper blades.
6. Do not clean the windshield with fuel, nail polish remover, paint thinner or similar liquid, which can damage the wiper blades.
7. Avoid using glass plating agent and hydrophobic agent on the front and rear windshield glass. The hydrophobic layer will fall off slowly after using, resulting in uneven friction of windshield and abnormal noise of wiper shaking.
8. When the windshield surface is frosted or frozen, or when dry soil, insect, sticker or other solid particles are attached to the windshield surface, clean them with a wet cloth in time. Do not use a dry cloth or remove them with wiper blades directly, otherwise it will damage the glass and wiper blades.

Using wipers

1. Do not swing the wiper arm manually, otherwise it may damage the wiper.
2. When there is snow, leaves, branch and other objects, they should be cleaned before operating the wiper.
3. Washer fluid should be added on time, please use the windshield washer fluid as specified in this manual, and do not use tap water instead.
4. In cold weather, always check if the wiper blades are frozen on the windshield before using. If they are frozen on the windshield, always unfreeze before using. Use air conditioning heating and ventilation device to warm up. Do not pour hot water directly to blades, otherwise, windshield may break or wiper blades may deform.

7-3. Regular Maintenance

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	

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☐	N☐
	2	Replace engine oil and oil filter.	Y☐	N☐
	3	Check transmission fluid level and color. Add if necessary.	Y☐	N☐
	4	Check coolant level. Add coolant or adjust concentration if necessary.	Y☐	N☐
	5	Check transmission for leakage.	Y☐	N☐
	6	Check steering tie rod boot for damage.	Y☐	N☐
	7	Check propeller shaft constant velocity universal joint boot for damage.	Y☐	N☐
	8	Check brake fluid for leakage and brake pipes for damage.	Y☐	N☐
	9	Check if brake sub cylinders work normally.	Y☐	N☐
	10	Check if tire inflation pressure is as specified.	Y☐	N☐
	11	Check belt tension of alternator and A/C compressor. Adjust tension if necessary.	Y☐	N☐
	12	Check hood hinge and tab.	Y☐	N☐
	13	Check A/C system for leakage.	Y☐	N☐
	14	Check installation condition for steering universal joint boot and check for damage.	Y☐	N☐
	15	Check if gears of transmission shift smoothly.	Y☐	N☐
	16	Check coupling bolts between chassis and vehicle body for looseness.	Y☐	N☐
	17	Check seat belts for correct operation.	Y☐	N☐
	18	Check engine working condition, electronic injection parameters and emission while idling.	Y☐	N☐
	19	Check if mechanisms function properly by testing driving.	Y☐	N☐

Maintenance Schedule

The maintenance schedule lists vehicle maintenance items that need to be carried out. Please go to Chery authorized service station for maintenance according to mileage in 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

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		R	R	R	R	R	R	R	R	R	R
Engine Oil Level		I	I	I	I	I	I	I	I	I	I
Transmission Fluid (516MHA)		Replace every 1 years or 30,000 km (whichever comes first).									
Transmission Fluid (525MHK)		Replace every 1 years or 30,000 km (whichever comes first).									
Transmission Fluid (018CHA)		40,000 km for the first time, no need to replace after that.									
Transmission Fluid (025CHA)		40,000 km for the first time, no need to replace after that.									
Power Steering Fluid (If Equipped)		Replace every 2 year or 30,000 km (whichever comes first).									
Transmission Fluid Level		I	I	I	I	I	I	I	I	I	I
Fuel Filter		Maintenance-free (except for the cause of failure).									
Battery Voltage		I	I	I	I	I	I	I	I	I	I
Shock Absorber		I	I	I	I	I	I	I	I	I	I
Propeller Shaft and Boot		I	I	I	I	I	I	I	I	I	I
Torque of Chassis Bolt		I	I	I	I	I	I	I	I	I	I
Steering Gear		I	I	I	I	I	I	I	I	I	I
Steering Column		I	I	I	I	I	I	I	I	I	I
Steering Link, Ball and Boot		I	I	I	I	I	I	I	I	I	I
Tire Appearance		I	I	I	I	I	I	I	I	I	I
Tire Pattern		I	I	I	I	I	I	I	I	I	I
Tire Inflation Pressure		I	I	I	I	I	I	I	I	I	I
Spare Tire Inflation Pressure		I	I	I	I	I	I	I	I	I	I

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
Torque of Wheel Bolt		I	I	I	I	I	I	I	I	I	I
Tire Rotation		It is recommended to rotate your tires every 10,000 km (the optimal adjustment range is 5,000 - 7,000 km).									
Spark Plug		I	I	I	I	I	I	I	I	I	I
Brake Plate		I	I	I	I	I	I	I	I	I	I
Air Filter		I	I	I	I	I	I	I	I	I	I
Drive Belt		I	I	I	I	I	I	I	I	I	I
Engine Oil Pan and Drain Bolts		I	I	I	I	I	I	I	I	I	I
Transmission Housing Body		I	I	I	I	I	I	I	I	I	I
Related Fluid Line (-such as steering, brake, fuel etc.) and Wire Harness		I	I	I	I	I	I	I	I	I	I
Charcoal Canister Filter (If Equipped)		Replace every 3 years or 60,000 km (whichever comes first).									
Timing Belt (If Equipped)		Replace every 3 years or 100,000 km (whichever comes first).									
Timing Chain (If Equipped)		Maintenance-free (except for the cause of failure).									
Battery		Maintenance-free (except for the cause of failure).									
Throttle Valve		It is recommended to clean every 15,000 km.									
Four-wheel Alignment		Check four-wheel alignment every 20,000 km and adjust if necessary.									

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
Fuel Vapor Rubber Pipe		It is recommended to replace every 10 years or 500,000 km (whichever comes first).									
Refueling Hose of Fuel		It is recommended to replace every 5 years or 200,000 km for products made of ordinary rubber (such as NBR+PVC/CSM, etc.) (whichever comes first); It is recommended to replace every 10 years or 500,000 km for products made of fluororubber (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℃), 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).
- 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,

⚠ CAUTION

inspect brake lines and check operations of parking and service brake system, steering and suspension system).

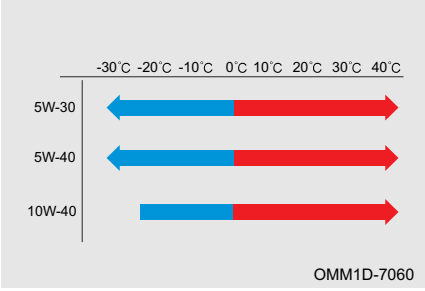
- In the coastal areas (only for fuel system, lines and connections, disc brake pads and discs /front and rear axle boots and axle shaft joint portions, brake lining and drums, inspect brake lines and check operations of parking and service brake system, steering and suspension system).

Technical Data

Fluid Name	Specification	After-sale Maintenance
Oil (SQRE4G15C)	SM SAE-5W-30 SM SAE-5W-40 SM SAE-10W-40	4.7±0.2 L (replace the oil and oil filter at the same time)
Oil (SQRE4T15C)	SM SAE-5W-30 SM SAE-5W-40 SM SAE-10W-40	4.7±0.2 L (replace the oil and oil filter at the same time)
Oil (SQRE4T15B)	SM SAE-5W-30 SM SAE-5W-40 SM SAE-10W-40	4.7±0.2 L (replace the oil and oil filter at the same time)
Transmission Fluid (516MHA)	API GL-4 75W-90	2.1 ± 0.1 L
Transmission Fluid (525MHK)	API GL-4 75W-90	2.3 ± 0.1 L
Transmission Fluid (018CHA)	CVTF WCF-1	7.3 ± 0.2 L
Transmission Fluid (025CHA)	CVTF WCF-1	7.3 ± 0.2 L
Coolant (SQRE4G15C)	Full Organic Antifreeze (LEC-II)	7.5 ± 0.5 L
Coolant (SQRE4T15C)	Full Organic Antifreeze (LEC-II)	9 ± 0.5 L
Coolant (SQRE4T15B)	Full Organic Antifreeze (LEC-II)	9 ± 0.5 L
Brake Fluid	DOT4	/
Spark Plug	3707AAG	/

⚠ 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.

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.

SPECIFICATION

8-1. Label Location

Vehicle Identification Number (VIN) 226

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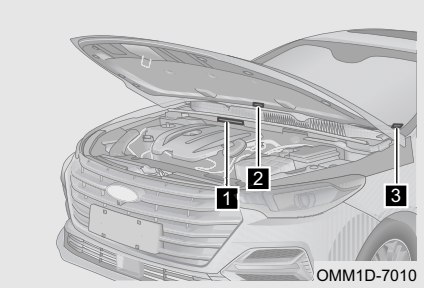
8-1. Label Location

Vehicle Identification Number (VIN)

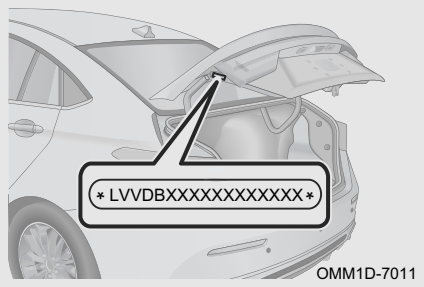
Vehicle Identification Number (VIN) on actual vehicle



1 Vehicle Identification Number (VIN) is engraved on lower right of engine compartment drip channel garnish.

2 Vehicle Identification Number (VIN) label is located at the lower part of the hood.

3 Vehicle Identification Number (VIN) label is located on upper left of driver side instrument panel, and can be seen from the outside through the front windshield.



Vehicle Identification Number (VIN) label is located on back door as shown in the illustration.

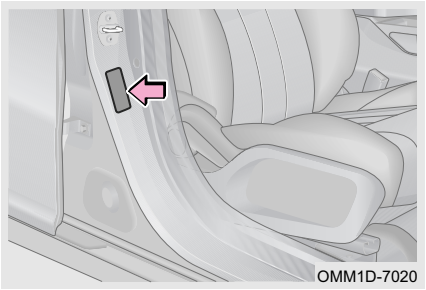
READ

- Due to regional differences, the location of VIN code shall be subject to the actual vehicle.
- It is forbidden to cover, paint, weld, cut, drill or remove Vehicle Identification Number (VIN) and areas around it.

CAUTION

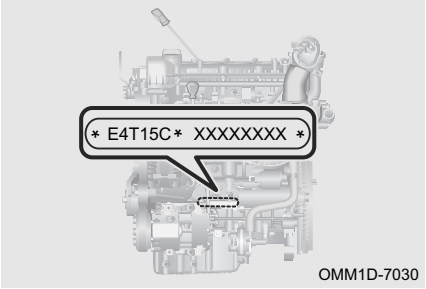
It is forbidden to cover, paint, weld, cut, drill or remove Vehicle Identification Number (VIN) and areas around it.

Vehicle Product Label



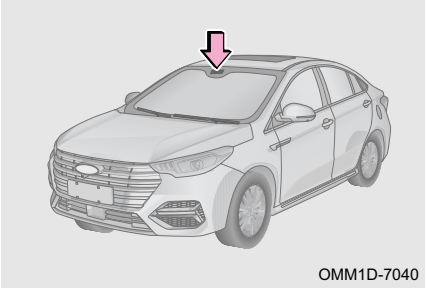
Vehicle product label is located on right quarter outer panel as shown in the illustration.

Engine Number



Engine number is located on engine block as shown in the illustration.

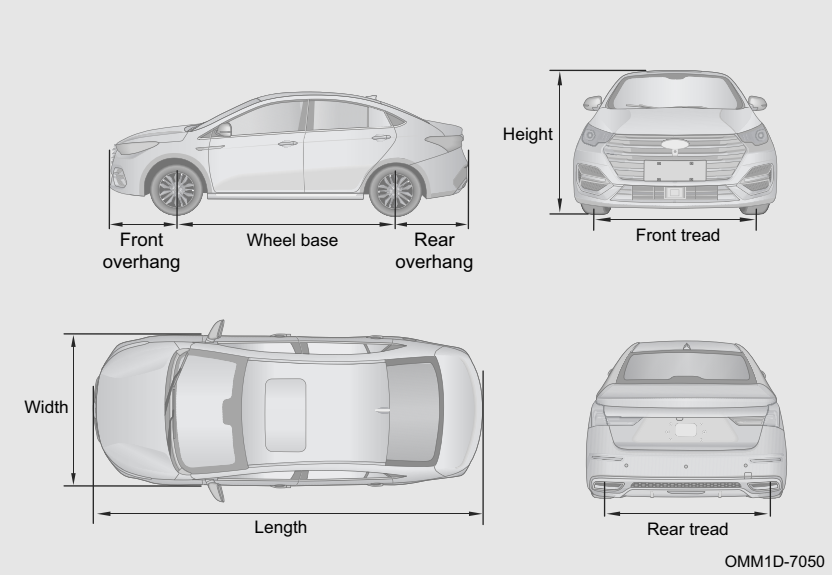
Microwave Window



The microwave window is located at right side on back of front windshield inside rear view mirror where is for wireless RF signal transmission and installation of automotive electronic identification.

8-2. Vehicle Specifications

Vehicle Dimensions



Engine Model		SQRE4G15C/SQRE4T15C/ SQRE4T15B
Overall Size	Length (mm)	4642/4680
	Width (mm)	1814/1825
	Height (mm)	1493/1490
Wheel Base (mm)		2650/2670
Tread	Front (mm)	1556
	Rear (mm)	1549
Overhang	Front (mm)	950/960
	Rear (mm)	1042/1050

Vehicle Type

Engine Model	SQRE4G15C	SQRE4T15C	SQRE4T15B
Vehicle Type	4 × 2 front-wheel drive, front-wheel steering, transverse front-engine, 3-compartment 4-door 5-seat unitary body, left-hand drive.		
Engine Type	Vertical, 4-cylinder in-line, water-cooled, 4-stroke, double overhead camshaft, naturally aspirated	Vertical, 4-cylinder in-line, water-cooled, 4-stroke, double overhead camshaft, turbocharging, intercooler	Vertical, 4-cylinder in-line, water-cooled, 4-stroke, double overhead camshaft, turbocharging, intercooler
Fuel Supply Type	Multiport sequential electronic injection		
Transmission Model	516MHA/ 018CHA/025CHA	525MHK/025CHA	025CHA

READ

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

Vehicle Weight

Engine Model		SQRE4-G15C	SQRE4-T15C/ SQRE4-T15B	SQRE4-T15C/ SQRE4-T15B	SQRE4-G15C
Vehicle Curb Weight (kg)		1298	1344	1321	1280
Vehicle Curb Axle Weight	Front Axle (kg)	799	838	815	781
	Rear Axle (kg)	499	506	506	499
Manufacturer Maximum Loaded Weight (Including Passengers) (kg)		375	375	375	419
Manufacturer Maximum Total Weight (kg)		1737	1737	1737	1699
Manufacturer Maximum Total Axle Weight	Front Axle (kg)	958	958	958	931
	Rear Axle (kg)	779	779	779	768
Seating Capacity (Including Driver) (Person)		5			

⚠ WARNING

Please follow the vehicle load specified in the instruction manual and do not exceed the allowable total weight. Otherwise, the brake and handling performance of the vehicle may change and may cause a personal injury and accident.

Vehicle Performance

Engine Model			SQRE4-G15C	SQRE4-T15C/ SQRE4-T15B	SQRE4-T15C	SQRE4-G15C
Passing Performance	Minimum Ground Clearance (mm)		127	127	127	127
	Minimum Turning Diameter (m)	Left Turn (m)	11.3	11.3	11.3	11.3
		Right Turn (m)	11.1	11.1	11.1	11.1
	Approach Angle (°)		14	14	14	14
	Departure Angle (°)		15	15	15	15
	Ramp Angle	Unladen (°)	16	16	16	16
		Laden (°)	12	12	12	12
Power Performance	Maximum Vehicle Speed (km/h)		180	210	195	185
	Maximum Gradeability (%)		42	45	45	42

Engine Performance

Engine Model	SQRE4G15C	SQRE4T15C	SQRE4T15B
Cylinder Bore Diameter (mm)	77	77	77
Piston Stroke (mm)	80.5	80.5	80.5
Displacement (mL)	1499	1498	1498
Compression Ratio	11:1	9.5:1	9.5:1
Power Rating (kw)	85	115	108
Rated Power Speed (r/min)	6150	5500	5500
Maximum Torque (N·m)	143	230	210
Maximum Torque Speed (r/min)	4000	1750－4000	1750－4000

Fuel System

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
Fuel Tank Total Capacity	48 L
Fuel Pump	Electric fuel pump

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

READ

- Fuel tank capacity is different depending on vehicle configuration. Please refer to your real vehicle.
- Vehicle with catalytic converters can only use unleaded gasoline. In order to avoid the accident of filling wrong fuel type, the fuel filler pipe adopts a neck-type fuel filler port design, and only the standard unleaded gasoline fuel gun can be used for fueling operation.

CAUTION

- Only use fuel type recommended by Chery.
- The use of off-specification gasoline may cause damage to the engine and such damage is not covered under warranty.
- Using leaded gasoline will cause three-way catalytic converter to lose its effectiveness and emission control system to function improperly.
- If you accidentally fill leaded gasoline to the oil tank and start the engine (-even if only a small amount is filled), it will cause permanent damage to the catalytic converter. Therefore, if you accidentally fill leaded gasoline, please go to Chery authorized service station for inspection and repair immediately.

Cooling System

Radiator Type	Tube belt radiator

Suspension System

Front Suspension	Macpherson type independent suspension, unadjustable height, w/anti-roll stabilizer bar, C type spring, double adjustable shock absorber
Rear Suspension	Twist beam type semi-independent suspension, unadjustable height, cone coiled spring, double adjustable shock absorber

Steering System

Power Steering Type	Electric power	Hydraulic power
Steering Wheel Diameter (mm)	374	374
Steering Gear Type	Rack & pinion steering gear	Rack & pinion steering gear
Steering Column Type	Adjustable, telescopic steering column	Adjustable, telescopic steering column

Power Steering Type		Electric power	Hydraulic power
Steering Wheel Adjustable Range	Up-down (mm)	40	42
	Front-back (mm)	0	0

Brake System

Brake	Front Wheel	Disc brake
	Rear Wheel	Disc brake
Brake Booster		Vacuum booster
Parking Brake		Mechanical or electric parking brake for rear wheel
Reasonable Range of Brake Pedal Free Travel		⩽ 25 mm
Reasonable Range of Use for Brake Friction Pair		Thickness of new front brake disc: 25 mm, use limit: 23 mm Thickness of new front brake plate friction material: 11 mm, use limit: 2 mm Thickness of new rear brake disc: 10 mm, use limit: 8 mm Thickness of new rear brake plate friction material: 10.2 mm, use limit: 2 mm

⚠ WARNING

- In the case of heavy load, the brake fluid should be replaced while the brake plates are being replaced.
- When adding brake fluid, make sure it is absolutely clean. If any dirt gets into the brake system, it may result in loss of braking performance.

Wheel Alignment

Engine Model		SQRE4G15C	SQRE4G15C/ SQRE4T15C/ SQRE4T15B
Front Wheel	Front Wheel Camber	－0°45′ ± 30′	-0°36′ ± 30′
	Kingpin Caster Angle	3°12′ ± 45′	3°12′ ± 45′
	Kingpin Inclination Angle	13°23′ ± 45′	13°23′ ± 45′
	Front Wheel Toe-in	－0°06′ ±6′ (one side)	－0°06′ ±6′ (one side)
Rear Wheel	Rear Wheel Camber	-1°27′ ± 30′	-1°27′ ± 30′
	Rear Wheel Toe-in	0°10′ ±20′ (one side)	0°10′ ±20′ (one side)
Sideslip Value		⩽ 3m/km	⩽ 3m/km

Wheel and Tire

Tire Model		205/55R16; 205/50R17; T125/70R16 (Spare Tire)
Rim Model		16X6 1/2J; 17X6 1/2J; 16x4T (Spare Tire)
Cold Tire Inflation Pressure (kPa) (Unladen)	Front Wheel	220
	Rear Wheel	220
	Spare Tire	420
Tightening Torque of Wheel bolts		110 ± 10 N·m
Wheel dynamic balance requirements for vehicle with a maximum design speed of more than 100 km/h		Allowable residual balanced mass: Clamp balance block side ⩽ 8 g, paste balance block side ⩽ 10 g
Chains can only be installed on front wheel and only be installed on specified tire, which also applies to four-wheel drive vehicle		The model of wheels and tires that can use chains are: 205/55R16 The model that can use chains are: 16X6 1/2J

READ

The tire pressures listed in the table apply to cold tires. The pressure increases slightly when the tire is heated, but it is unnecessary 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 cold tire inflation pressure.

Battery

Battery Model	12V 60Ah

Light Bulb Specification

Light Bulb Name	Nominal Light Source (Type/Model)	Replacement Advice
Headlights	HB3/60W; LED/26W/ 37W; H7/55W	Replaced by Chery authorized service station
Rear Fog Light	LED/4.3 W	Replaced by Chery authorized service station
Daytime Running Light	LED/5.2 W	Replaced by Chery authorized service station
Front Position Light	LED/3.98 W	Replaced by Chery authorized service station
Rear Position Light	LED/6 W	Replaced by Chery authorized service station
Stop Light	LED/17.5 W	Replaced by Chery authorized service station
High Mounted Stoplight	LED/2.4 W	Replaced by Chery authorized service station

Light Bulb Name	Nominal Light Source (Type/Model)	Replacement Advice
Back-up Light	LED/4.5 W	Replaced by Chery authorized service station
Front Turn Signal Light	PY21 W//21 W	Replaced by Chery authorized service station
Side Turn Signal Light	LED	Replaced by Chery authorized service station
Rear Turn Signal Light	LED/15.5 W	Replaced by Chery authorized service station
License Plate Light	LED/1.4 W	Replaced by Chery authorized service station

Measurement Range of Vehicle Overall Size except Following Components

Components not included in vehicle length size

The following devices do not have laden function and their sizes are not more than 50 mm beyond the vehicle front end or rear end, and fillet radius of edge and corner is no less than 5 mm:

— Wiper and washer

— Outer identification, including registered trademark, manufacturer name, origin, model name and type, engine emission, transmission type, driving type and other distinguishing identification of the vehicle

— Lights and light signal device

— Anti-collision rubber block and equivalent

— External sunshade device

— Customs sealing device and its protective device

— Device used to fixed raincloth and its protective device

— Locking device, hinge, handle, controller, switch

— Step plate (or ladder), vehicle climbing step plate and handle on top of bumper used for cleaning windows.

— Rear emblem plate with LOGO

— Removable trailer or towing device

— Exhaust tail pipe

Components not included in vehicle width size:

— Indirect view device

— School bus stop plate in inoperative state

The following devices do not have laden function and their one side size exceeds the side of vehicle for no more than 50 mm, and fillet radius of edge and corner is no less than 5 mm:

— Outer identification, including registered trademark, manufacturer name, origin, model name and type, engine emission, transmission type, driving type and other distinguishing identification of the vehicle

— Lights and light signal device

— Anti-collision rubber block and equivalent

— Customs sealing device and its protective device

— Device used to fixed raincloth and its protective device

— Local water drain slot: Refers to the water drain slot used to guide rain flow above driver door (or window) and passenger door, both sides of front windshield

— Flexible protruding part of splash proof system

— Retractable step plate, entering/exiting slope of bus, lifting platform and equivalent that is in the retract state

— Locking device, hinge, handle, controller, switch

— Tire failure signal device

— Tire pressure indicator

— Deformed part of tire wall directly above contact point between tire and ground

— Reversing assistance device

— Exhaust tail pipe

Components not included in vehicle height size:

Soft part of antenna

Device without laden function:

— Intake duct

— Indirect view device

— Current collecting device of electric vehicle (including its fixing device)

— Vehicle rear air guide device is removable or folding, and its deployed and retracted length is no more than 2,000 mm and 200 mm respectively.

— Tailboard, entering/exiting slope and equivalent with a horizontal length not exceeding 300 mm in retract state

— Tail ladder

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