

FOREWORD

Dear users:

Thank you for your trust in Geely Automobile and choosing a Geely automobile with excellent safety, comfort, dynamic and economy performances. We look forward to bring pleasure to your work and life with high quality products and services.

Read and observe the contents in this manual before you use the vehicle for the first time. This will help you understand and use Geely automobile better so that your new vehicle can be kept in the good technical condition in the future use and in the optimum performance at all times. The more that you know about your vehicle, the greater the safety and pleasure you will get from driving it.

If you find some problems during use, contact the nearest Geely Automobile Service Station authorized by our company and they will provide high quality services for you in terms of maintenance and repair. Please be sure to complete the maintenance tasks regularly according to the maintenance regulations in this manual.

This vehicle provides all information related to this model. Depending on the configuration of the vehicle, the instruction in this manual may differ from the actual configuration of the vehicle you bought, so you should be subject to the vehicle actually received.

When reselling or lending your vehicle, please hand over this manual to the new owner, as the manual is a part of the whole vehicle.

All information in this manual is based on the latest product information at the time of publication and will be subject to change in the future with supplementary notice according to relative regulations.

Wish you a happy life and good luck!

Geely Automotive
June 2015

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NOTE: The illustration of the vehicle model on the cover of this manual is for reference only and the exact condition is subject to the actual vehicle.

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Introduction of Owner's Manual

Notes to Owners

1. Your vehicle is equipped with the Anti-lock Brake System (ABS). In the event of heavy braking, firmly press the brake pedal and do not pump the brake.
2. Check the wear and pressure of tires regularly according to the recommended method and tire pressure specification in the Owner's Manual.
3. Please use the recommended oil and fluid in the Owner's Manual. Perform maintenance according to the requirements in the Warranty and Maintenance Manual.
4. Your vehicle is equipped with airbags. For the children's riding safety, do not position children on the front seat.
5. For your riding safety, do not remove any components from the vehicle by yourself, especially the components of the chassis. New fasteners may be coated with seal lock adhesive, so they are not renewable after removal.
6. Any modifications or adding devices to the vehicle are not allowed. We will bear no responsibility for any direct or indirect loss deriving from non-compliance with the above mentioned warnings.
7. Among fires caused by the overheated exhaust pipe, a typical case is a fire caused by the driver who falls asleep in the vehicle and presses the accelerator pedal unintentionally. This is due to overheated exhaust pipe caused by abnormally high speed or continuous idling of the engine. Under its influence of heat conduction and radiation, the O-ring attached to the exhaust pipe or the floor in the vehicle may catch fire. Driver sleeping in the vehicle is generally due to excessive drinking and inability to go home or sleeping in the vehicle with the A/C on. Therefore, this will threaten the life safety of persons in the vehicle in the event of fire.

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Prompt Message


WARNING

 Failure to follow the warning could result in a collision or bodily injury. You must strictly follow the procedures described or carefully review the provided information.◀

CAUTION

 It is against procedures that could result in damage to your vehicle.◀

ENVIRONMENTAL PROTECTION

 It defines the correct driving behavior to protect the environment.◀




NOTE

Note: suggestive statement, for you to better use the vehicle information.

ASTERISK

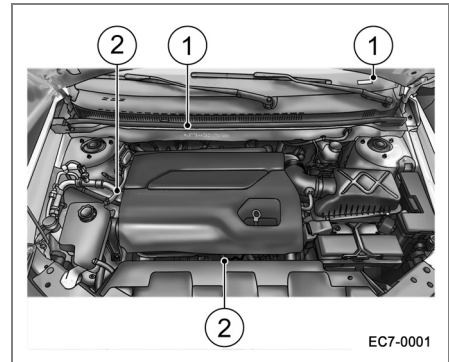
The asterisk "*" following the title or name indicates that the described device or function is provided only for certain models and may not provided for the vehicle you bought.

Illustration Symbols

-  Indicate the described objects.
-  Indicate the moving directions of the objects.
-  Indicate not to do this or let this happen.

Vehicle Identification

Vehicle Identification Marker



When you contact the Geely Automobile Service Station, the vehicle identification number (VIN) should be provided.

When you communicate with the Geely Automobile Service Station about the engine, the number of the engine assembly may also need to be provided.

1. Vehicle Identification Number (VIN)
2. Engine Number

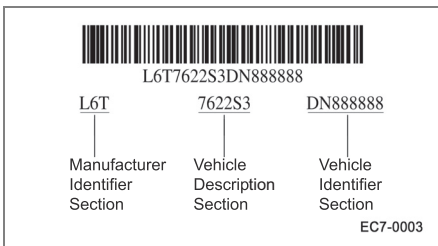
Location of Vehicle Identification Marker

Location of Vehicle Identification Number (VIN)

There are three positions marked with vehicle identification numbers on your vehicle.

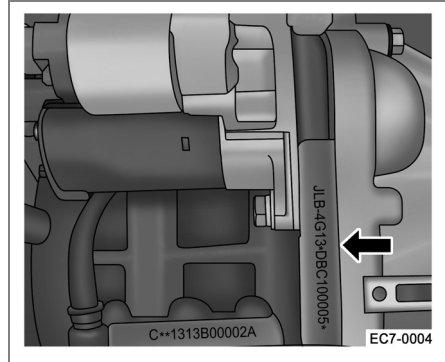


- On the plate located on the left front corner of the instrument panel pad, visible from outside of the vehicle through the windshield.
- On the cowl panel in the engine compartment. If the VIN stamped on the vehicle body is worn, contact the Geely Automobile Service Station immediately.
- On the vehicle plate.



The Vehicle Identification Number (VIN) consists of 17 characters. It includes the manufacturer, model year, body type and number, engine number and assembly plant of the vehicle.

Location of Engine Number

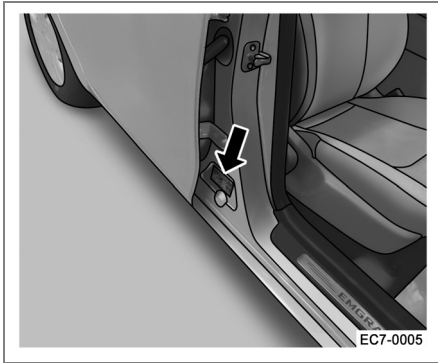


The engine number (JLY-4G15, JLC-4G18, JLC-4M15 and JLC-4M18) is stamped on the engine body, near the transmission (view from the front of the vehicle).

There are two locations of the engine number for JLB-4G13T engine:

- Stamped on the engine body, near the transmission.
- Stamped on the timing chain cover of the side of the engine (view from the RH side of the vehicle).

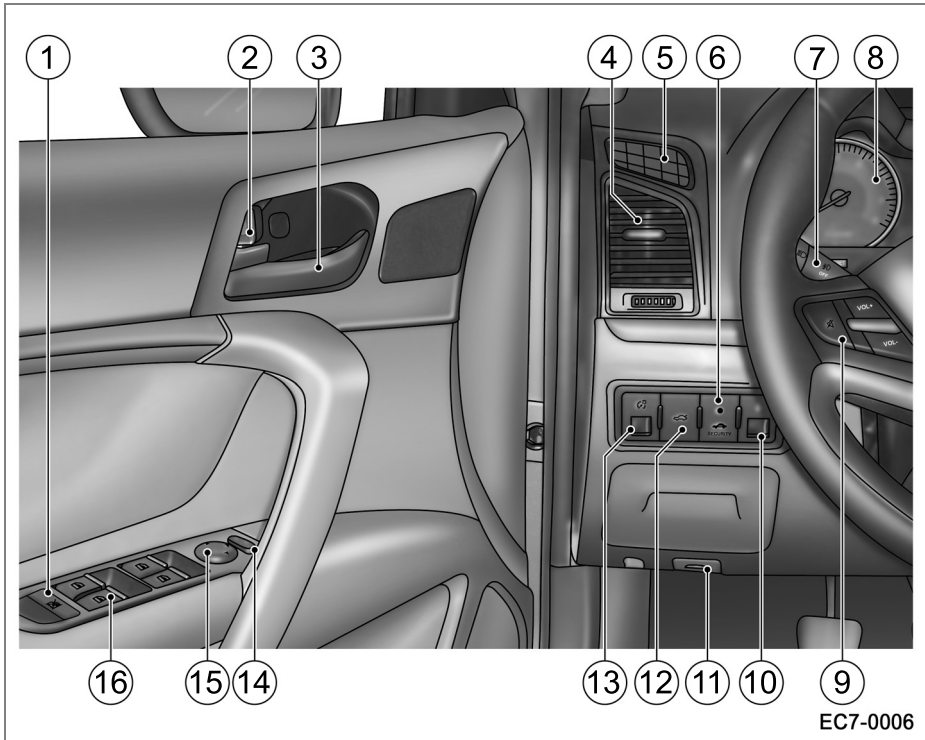
Vehicle Plate



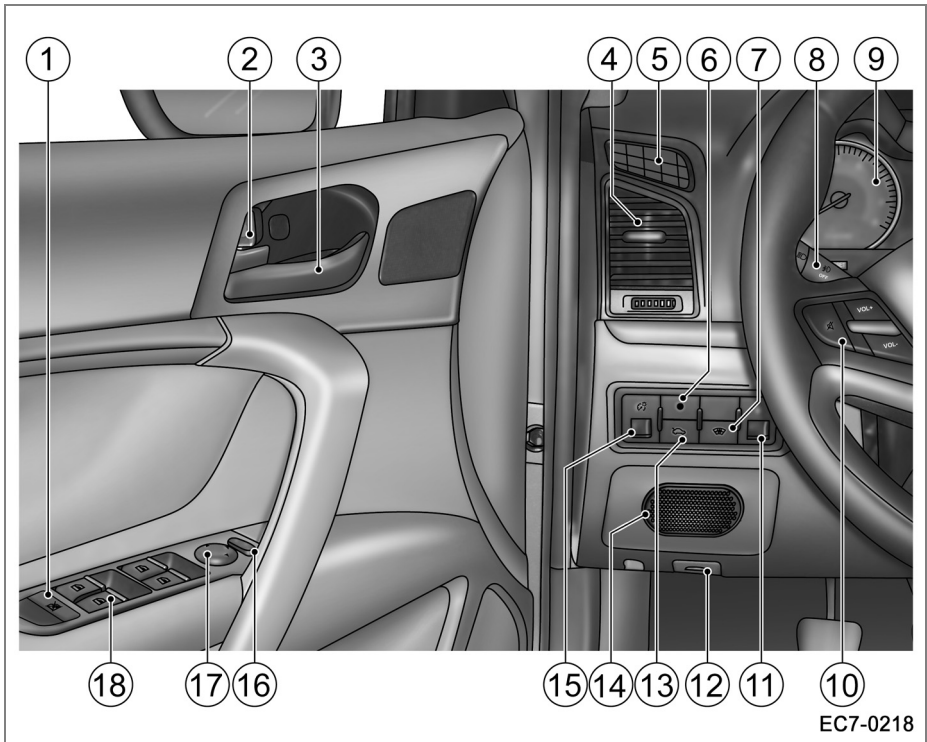
The vehicle plate is below the RH B-pillar, and contains the following information:

- Company name
- Vehicle identification number
- Brand
- Model
- Engine type
- Seating capacity
- Engine rated power
- Engine displacement
- Maximum design mass
- Manufacturing date

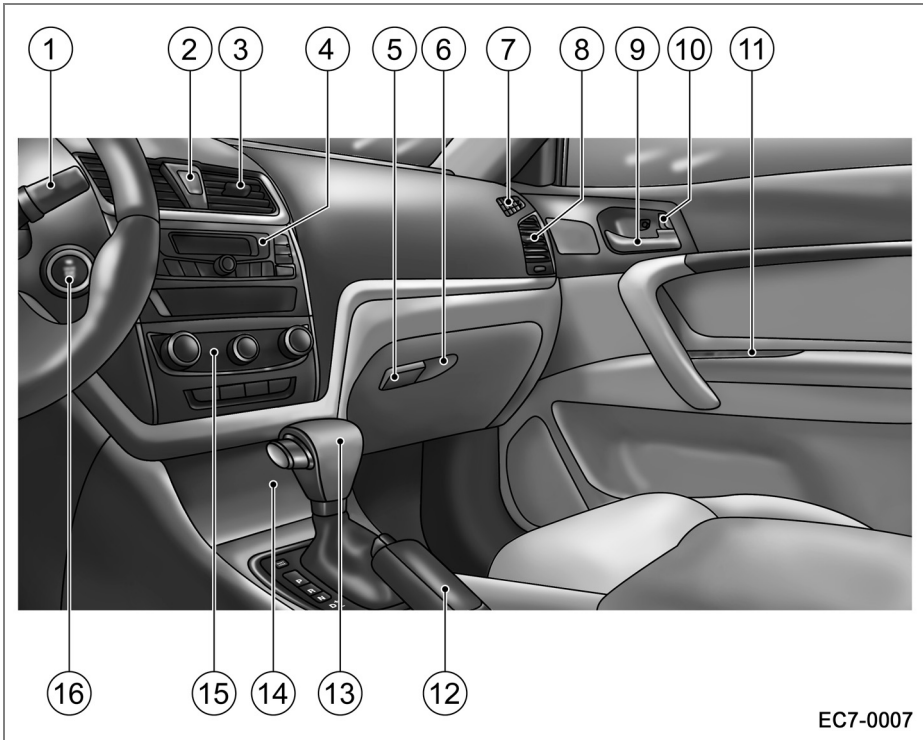
Instrument and Control Device



- | | |
|---------------------------------|--|
| 1. Passenger window lock switch | 9. Steering wheel button |
| 2. Interior lock button | 10. Headlight leveling adjustment switch |
| 3. Interior door handle | 11. Hood release lever |
| 4. Air outlet LH | 12. Liftgate / trunk lid switch |
| 5. Defroster air outlet LH | 13. Dimmer control knob |
| 6. Security indicator | 14. Power mirror select button |
| 7. Light control switch | 15. Power mirror adjustment switch |
| 8. Instrument cluster | 16. Power window control switch |



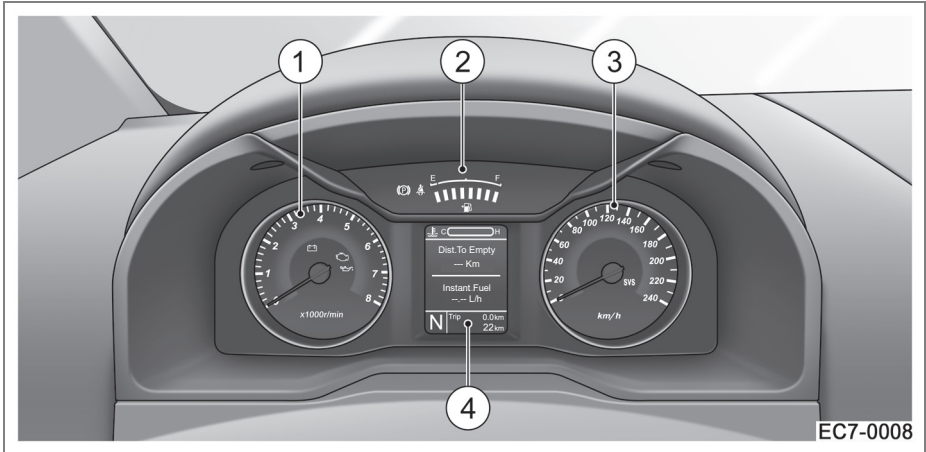
- 1. Rear window lock switch
- 2. Interior door lock button
- 3. Interior door handle
- 4. Air outlet LH
- 5. Defroster air outlet LH
- 6. Security indicator
- 7. Windshield defroster switch
- 8. Light control switch
- 9. Instrument cluster
- 10. Steering wheel button
- 11. Headlight leveling adjustment switch
- 12. Hood release lever
- 13. Liftgate / trunk lid switch
- 14. SOSfull frequency speaker* / storage compartment
- 15. Dimmer control knob
- 16. Power mirror select button
- 17. Power mirror adjustment switch
- 18. Power window control switch



EC7-0007

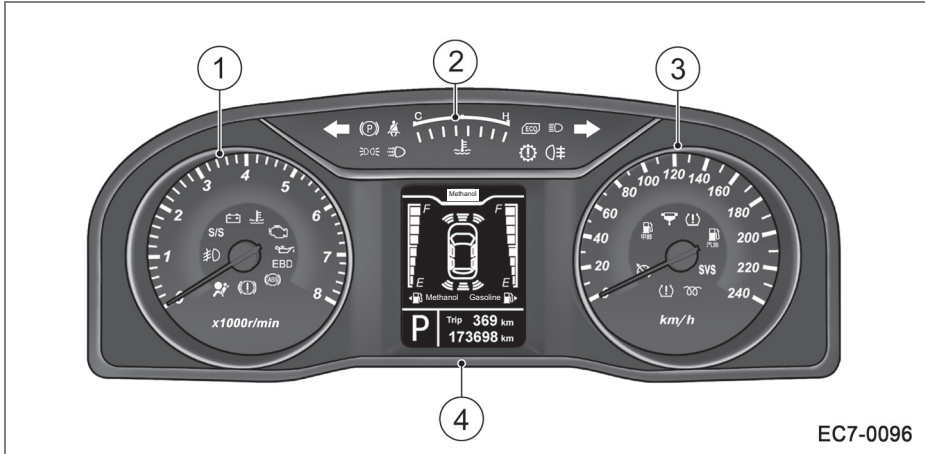
- | | |
|--------------------------------|---------------------------------|
| 1. Wiper control switch | 9. Interior door handle |
| 2. Hazard warning light switch | 10. Interior door lock button |
| 3. Center air outlet | 11. Power window control switch |
| 4. Audio control panel | 12. Parking brake lever |
| 5. Glove box door handle | 13. Transmission shift lever |
| 6. Glove box | 14. Cigarette lighter / ashtray |
| 7. Defroster air outlet RH | 15. A/C control panel |
| 8. Air outlet RH | 16. Keyless ignition switch |

Instrument Cluster



- 1. Tachometer
- 2. Upper display
- 3. Speedometer
- 4. Main display

Instrument Cluster (for Methanol Application)



1. Tachometer
2. Temperature gauge
3. Speedometer
4. Main display

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Tachometer

The tachometer indicates the engine speed in 1,000 rpm per minute and the maximum display scale is 8,000 rpm.



During driving, you can use the tachometer to select proper shift timing in order to avoid excessive engine load or speed.

If the engine speed is too high during driving, the engine tends to be worn and the fuel consumption may increase. Usually, fuel consumption stays low when the engine speed is slow.

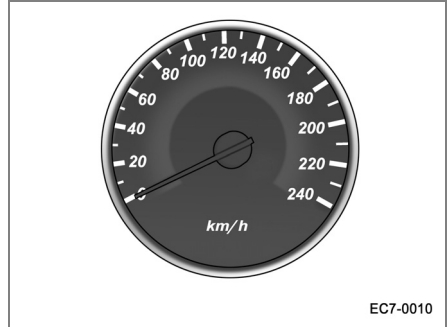
The pointer of the tachometer may move to the bottom when the engine is started. This is not a malfunction.



Do not let the pointer of the engine tachometer reach the red zone, which can cause serious damage to the engine.◀

Speedometer

The speedometer indicates the current vehicle speed (km/h) and the maximum scale is 240 km/h.



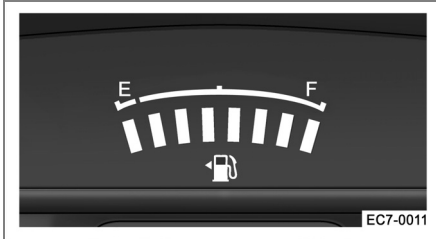
You can drive at high speed on the roads in good condition. However, the vehicle speed should not exceed 120 km/h on the general roads for safety, stability and comfort while driving.

Information Center

Upper Display

Fuel Gauge

The fuel gauge indicates the actual amount of the remaining fuel in the fuel tank with 8 pointers of the same length. When the current fuel level falls in one zone, the appropriate LED pointer will be illuminated.



Near FULL fuel tank – The rightmost pointer illuminates.

Near EMPTY fuel tank – The leftmost pointer illuminates.

It is preferable to keep the remaining fuel in the fuel tank over 1/4 of the fuel tank capacity. If the pointer of the fuel gauge is in the red zone or the low fuel indicator illuminates, fill fuel immediately. The indicator will go off automatically after filling and driving for a while. If not, have the vehicle inspected by Geely Service Station immediately.

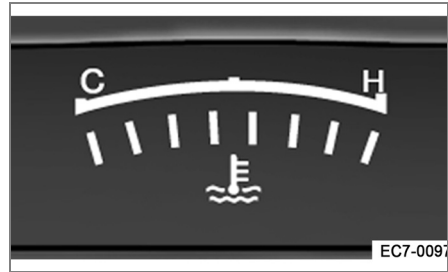


Driving the vehicle with low fuel level continuously tends to cause premature damage to the fuel pump.

When driving the vehicle with low fuel level continuously, stalled engine may cause damage to catalytic converter. ◀

Temperature Gauge (for methanol application)

The temperature gauge shows engine coolant temperature, when the ignition switch is turned ON. During normal driving, four pointers should illuminate.



The operating temperature of the engine may change greatly depending on the air temperature and engine load.

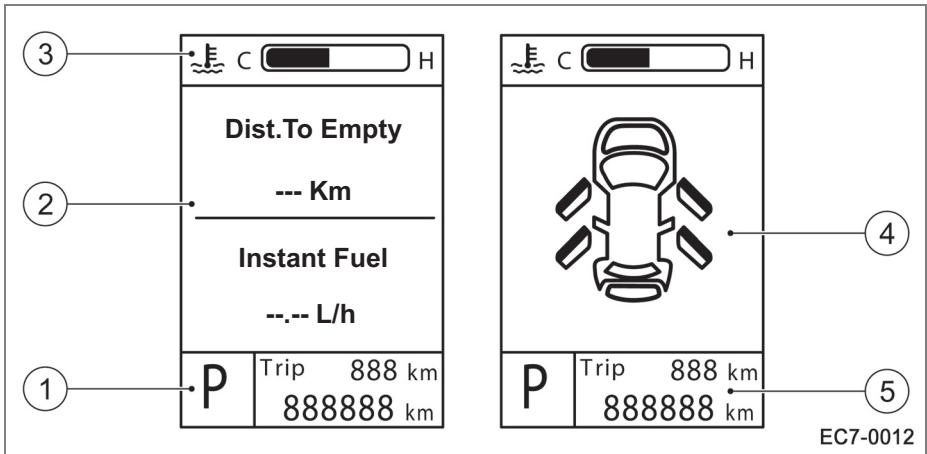
If the pointer of the temperature gauge approaches the red zone or higher, stop the vehicle to let the engine cool down.

Under extremely driving conditions, the engine may be overheating, such as:

- Drive uphill for long distance in the hot weather.
- Decelerate or stop the vehicle after driving at high speeds.
- In heavy traffic, use the air conditioning system and idle the engine for a long time.
- When towing a vehicle.

Overview of Main Display

The instrument cluster is equipped a 3.5-inch liquid crystal display (LCD) to indicate driving information, such as accumulated mileage, trip mileage, distance to empty, door ajar warning, transmission range, textual warning, etc.

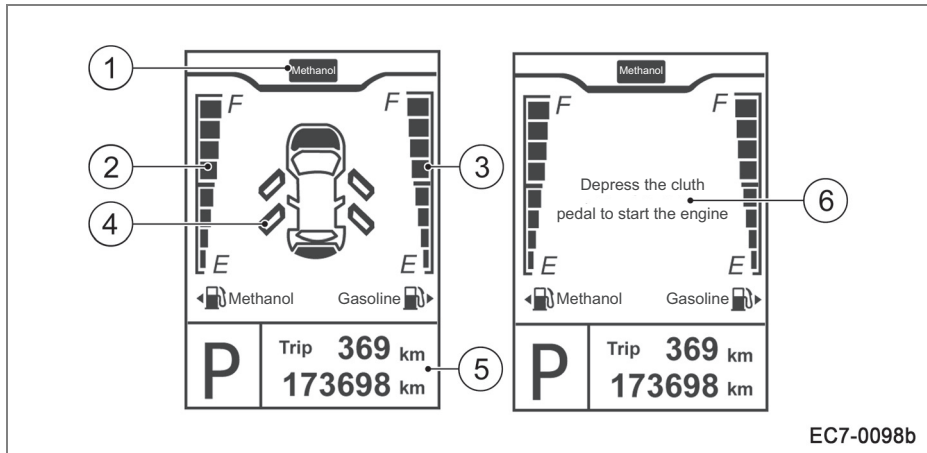


1. Textual message
2. Distance to empty, dynamical fuel economy
3. Temperature gauge
4. 4-door ajar and rear park assist displays
5. Accumulated mileage and trip mileage displays

Note: the unit for dynamical fuel economy display is L/h when the engine is running at idle, and the unit is L/100km, when the vehicle is running (see above picture.).

Overview of Main Display (for methanol application)

The instrument cluster is equipped a 3.5-inch liquid crystal display (LCD) to indicate driving information, such as fuel type, methanol gauge, gas gauge, accumulated mileage, trip mileage, door ajar warning, door ajar warning, textual message, etc.

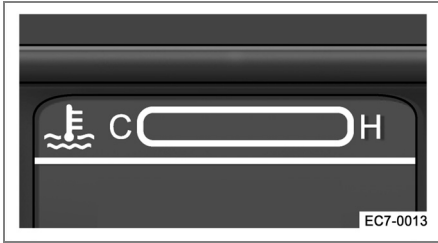


1. Fuel type
2. Methanol gauge
3. Gas gauge
4. 4-door ajar and rear park assist displays
5. Accumulated mileage and trip mileage displays
6. Textual message

Information of Main Display

Temperature Gauge

The temperature gauge indicates the temperature of the engine coolant when the ignition switch is turned ON. The pointer of the temperature gauge should point to the center scale zone during normal driving.



The operating temperature of the engine may change greatly depending on the air temperature and engine load.

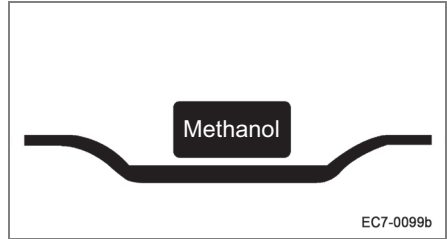
If the pointer of the temperature gauge approaches the red zone or higher, stop the vehicle to let the engine cool down.

Under severe driving conditions, the engine may be overheating, such as:

- Drive uphill for long distance in the hot weather.
- Decelerate or stop the vehicle after driving at high speeds.
- In heavy traffic, use the air conditioning system and idle the engine for a long time.
- When towing a vehicle.

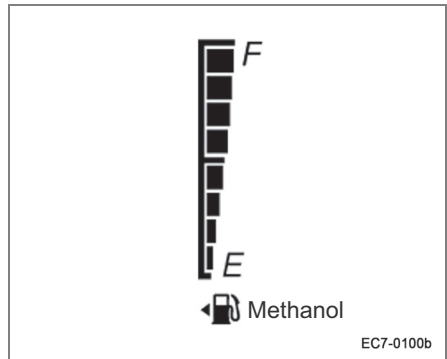
Fuel Type (for methanol application)

The fuel type is shown in Chinese to indicate the current fuel status of the vehicle.



Methanol Gauge (for methanol application)

It shows the actual level of methanol in the tank by eight LED pointers. When the current methanol level falls in one zone, the relative LED pointer will illuminate.



Near full - eight pointers illuminate

Near empty - one pointer illuminates

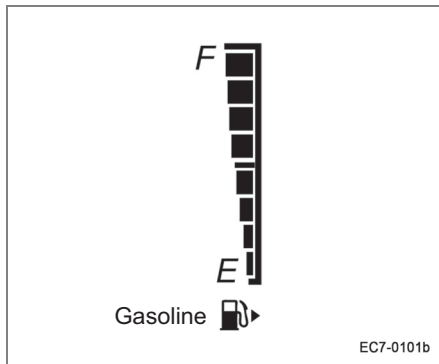
It is preferable to keep the remaining methanol in the tank over 1/4 of the capacity. If two pointers of the methanol gauge illuminate or the low methanol indicator illuminates, fill the tank immediately. The indicator will go off automatically after filling and driving for a while. If not, have the vehicle inspected by Geely Service Station immediately.

The vehicle will automatically change the methanol mode into gas mode, when one pointer of the methanol gauge illuminates.

- When driving the vehicle with low fuel level continuously, stalled engine may cause damage to catalytic converter.

Gas Gauge (for methanol application)

It shows the actual level of fuel in the tank by eight LED pointers. When the current fuel level falls in one zone, the relative LED pointer will illuminate.



Near full - eight pointers illuminate

Near empty - one pointer illuminates

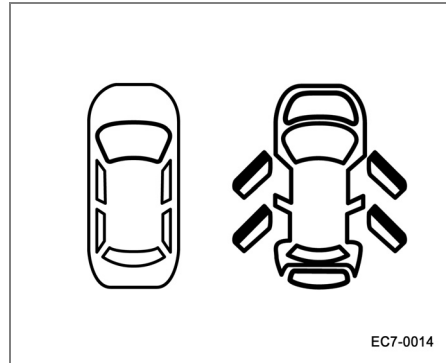
It is preferable to keep the remaining methanol in the tank over 1/4 of the capacity. If three pointers of the fuel gauge illuminate or the low fuel indicator illuminates, fill the tank immediately. The indicator will go off automatically after filling and driving for a while. If not, have the vehicle inspected by Geely Service Station immediately.

- Driving the vehicle with low fuel level continuously tends to cause premature damage to the fuel pump.
- When driving the vehicle with low fuel level continuously, stalled engine may cause damage to catalytic converter.

4-door and Rear Park Assist

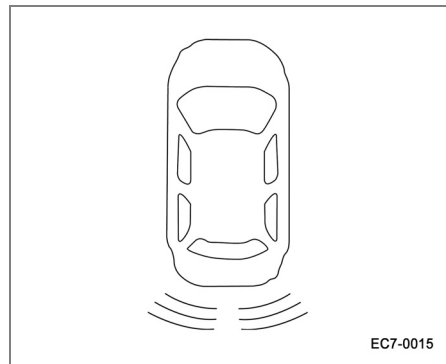
4-door Ajar Display

The illustration on the left side shows that all doors are closed, and the illustration on the right side shows that two of the four doors are open.



If one of the doors or liftgate / trunk lid is open or not locked completely, the relative area on the symbol will indicate open status.

Rear Park Assist Display



The illustration shows the image diagram of the radar wave display. The LCD screen displays the distance between the vehicle and the obstacle to alert the driver.

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Distance to Empty

The distance to empty is calculated according to the fuel consumption per minute. Therefore, the distance to empty may be different from the actual driving distance depending on the road conditions and driving conditions. The previous distance to empty is reset to zero each time the ignition switch is turned on.

Total Driving Distance

The accumulated mileage ranges from 0~999,999 km. If the accumulated mileage reaches the maximum value, its display will remain unchanged.

Trip Mileage

The trip mileage ranges from 0~999.9 km. If it reaches the maximum value, its display will be reset to 0.0 and calculate from the beginning.

The trip mileage indicates the total driven distance since it was reset or the battery was charged. If the instrument battery is discharged and beyond the buffer time set by the instrument, the trip mileage value will be reset to zero. The trip mileage will not lose efficacy with the failure of the accumulated mileage.

TRIP Button and RESET Button



After press and hold the RESET button to access the Main screen, you can select language between Chinese and English and reset the trip mileage by using TRIP button.

Textual message

The vehicle is equipped with the Keyless Passive Entry System. The system will inform vehicle operators to take proper measures by textual messages displayed on the 3.5-inch LCD screen.

Warning Light and Indicator

Layout of Warning Light and Indicator



▶ If the vehicle detects that one or more warning indicators need to be illuminated, the system will make the relevant indicator displayed on the liquid crystal display (LCD). Refer to “Instructions of Warning Light and Indicator” in Section 2 “Instrument and Control” for the meaning of each warning light. ◀

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Instructions of Warning Light and Indicator

Airbag Malfunction Indicator - Red



When the ignition switch is turned to ON position, the system will perform self-check first and this indicator will remain illuminated for 6 seconds and then go off. If there is an electrical problem, the indicator will illuminate. The system detects the airbag sensor, airbag module, wiring, wiring interface, collision sensing module and system control module.



If the airbag malfunction indicator does not go off after the vehicle is started or illuminates while driving, these indicate that airbag system may function abnormally. The airbags in the vehicle may not inflate in a collision or even inflate when no accident happens. To avoid injury, repair the vehicle immediately.◀

Parking Brake Indicator - Red



When the ignition is ON and the parking brake is fully applied, the indicator will illuminate until the parking brake is released.

Brake System Malfunction Indicator - Red



When the ignition switch is turned to ON position or the engine is started, the warning light should illuminate for a few seconds, indicating that the system is performing self-check. If the indicator illuminates, this indicates that the brake fluid level is too low or brake malfunction exists. Check your brake system immediately!

If the indicator illuminates during driving, drive away from the roadway and stop the vehicle carefully. The brake pedal may be harder to press or closer to the floor than usual. It may take more time for the vehicle to stop after the brake pedal is pressed. Try to stop and restart the vehicle once or twice. If the indicator remains on, tow the vehicle to the Geely Service Station for repair.



If the brake system malfunction indicator illuminates, the brake system may function abnormally. Driving with the brake system malfunction indicator on may result in a collision. If the warning light remains on after driving away from the roadway and stopping the vehicle carefully, tow the vehicle to the Geely Service Station for repair.◀

Left Turn Indicator - Green



When the vehicle turns left or changes to the left lane with the left turn signal light on, the left turn indicator and left turn signal light flash at the same time.

Right Turn Indicator - Green



When the vehicle turns right or changes the lane to the right lane with the right turn signal light on, the right turn indicator and right turn signal light flash at the same time.



If the indicator flashes at double the frequency, this indicates that there is a malfunction in the outside turn signal light on the same side. Have your vehicle repaired by the Geely Service Station.◀

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Engine System Malfunction Indicator - Yellow

SVS When the ignition switch is turned to ON position, the indicator should illuminate. After the engine started, the indicator should go off. If it illuminates while driving, this indicates that there is a malfunction in the engine control system. Have your vehicle repaired by the Geely Service Station immediately.

Engine Emission Malfunction Indicator - Yellow



When the ignition switch is turned to ON position, the indicator should illuminate. After the engine started, the indicator should go off. If it illuminates while driving, this indicates that there is a malfunction in the engine control system, the engine emission is beyond the standard level and the engine may be damaged. Have your vehicle repaired by the Geely Service Station immediately.

TCU System Malfunction Indicator - Yellow



When the ignition switch is turned to ON position, the indicator should illuminate. After the engine started, the indicator should go off. If it illuminates while driving, this indicates that there is a malfunction in CVT automatic transmission.

Battery Indicator - Red



When the ignition switch is turned to ON position, the indicator should illuminate. After the engine started, the indicator should go off immediately. If it does not go off, this indicates that there is a malfunction in the charging system of the vehicle. Contact Geely Service Station as soon as possible.



If the drive belt of the engine is broken or loose, you shall not continue driving.◀

High-beam Indicator - Blue



This indicator illuminates when the high-beam lights are turned on.

Rear Fog Light Indicator - Yellow



This indicator illuminates when the rear fog lights are turned on.

Daytime Running Light - Green



This indicator illuminates when the engine is running. The daytime running light turns off automatically when the headlights are turned on. However, it does not turn off if the headlights flash intermittently at a short interval.

High Coolant Temperature Indicator - Red



When the ignition switch is turned to ON position, the system will perform self-check first and this indicator will remain illuminated for a few seconds and then go off. This indicator illuminates when the engine coolant temperature is too high. In this case, stop the vehicle and shut off the engine at once. Have your vehicle repaired by the Geely Service Station immediately.



The pressure in the cooling system is extremely high when the engine is hot. Do not open the coolant reservoir cap until the engine has cooled sufficiently.

Also, do not touch the radiator fan when the engine is stopped! The fan may turn suddenly!◀

Driver Seat Belt Unfastening Indicator - Red



If the driver seat belt is not fastened when the ignition switch is turned to ON position, this indicator will remain on until it is fastened by the driver.

Passenger Seat Belt Unfastening Indicator - Red



This indicator is located on the center console. If the front passenger does not fasten the seat belt, the indicator will be illuminated.

Tire Pressure Monitor System Malfunction Indicator - Yellow

TPMS When the ignition switch is turned to IG ON position, TPMS will perform a self-check. This indicator will illuminate temporarily and then go off after 3 seconds. If serious problems are detected, TPMS receiver will illuminate the TPMS indicator constantly to alert the driver.

Tire Pressure Abnormality Indicator - Yellow



When the ignition switch is turned to IG ON position, this indicator will illuminate temporarily and then go off after 3 seconds. It indicates whether the tire pressure is within the proper range. If the indicator remains on, it indicates that one or more tires are under-inflated or over-inflated.

ABS Malfunction Indicator - Yellow



EBD When the ignition switch is

turned to ON position, the ABS and EBD indicators will illuminate. If the anti-lock brake system and brake assist system function normally, this indicator will go off after a few seconds. If these systems malfunction when the engine is started or the vehicle is driven, both ABS and EBD indicators will illuminate. Have your vehicle repaired by the Geely Service Station immediately.

If these indicators illuminate and then go off while driving, and do not illuminate again, it can be considered as a normal phenomenon. When ABS and EBD indicators illuminate (brake malfunction indicator does not illuminate), the function of anti-lock brake system will be inoperative, but the conventional brake function can still be maintained. Therefore, during sudden braking or braking on a slippery surface, slipping may occur due to the locked wheels.



If ABS and brake malfunction indicators remain on, immediately stop the vehicle in a safe place and contact your Geely Service Station. Braking under this condition, the ABS may be inoperative and the vehicle may become extremely unstable during braking. ◀

Electronic Stability Control System (ESC) Malfunction Indicator - Yellow



If the indicator remains on, there is a malfunction in ESC. If the indicator flashes, it indicates that ESC is being adjusted.

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Electronic Stability Control System (ESC) OFF Indicator – Yellow



This indicator will illuminate when the ESC is turned off.

Cruise Indicator - Green



This indicator will illuminate when the cruise control system is turned on.

Low Fuel Level Indicator - Yellow



This indicator will illuminate when the fuel level in the fuel tank is low. This indicator will turn off after refueling the fuel tank. Otherwise, have your vehicle repaired by the Geely Service Station.

Electric Power Steering System Malfunction Indicator - Yellow

EPS The light will illuminate temporarily and then go off after a few minutes when the engine is started. If the indicator illuminates and remains on, this indicates that there is a malfunction in the electric power steering system.

ECO Mode Indicator - Yellow

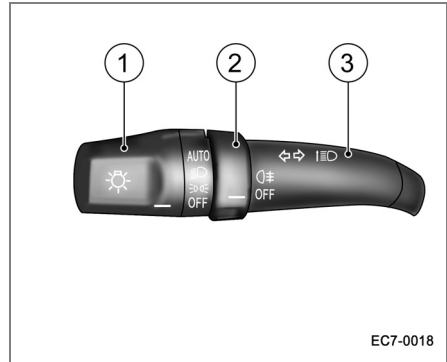


This indicator will illuminate when the ECO mode is activated.

Light and Indicator

Light Control Combination Switch

Exterior Light Control Combination Switch

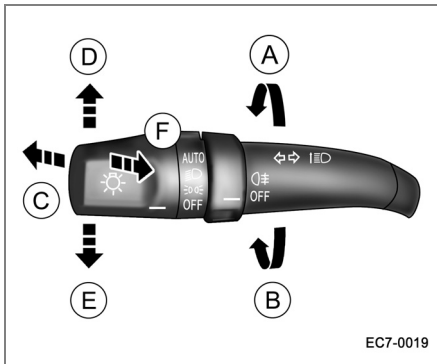


1. Light control switch
2. Fog light control switch
3. Light switch handle (controls high beam, low beam, left and right turn signal lights)

Operation of Light Control Combination Switch

Position Light

Turn the light control switch (1) toward A until the mark points to position, then the position lights, instrument panel lights and lights on the control switch will illuminate. Turn the light control switch (1) toward B until the mark points to OFF position, then the position lights, instrument panel lights and lights on the control switch will turn off.



Auto Light

Turn the light control switch (1) toward A until the mark points to AUTO position to activate the automatic lighting function. Then, the intelligent light system turns the headlight on and off automatically based on the level of ambient light.

The intelligent light system can recognize the road conditions, such as dark day or tunnel light to control the position light and low beam light automatically. The position lights and low beam lights are turned on automatically within 1 to 2 seconds when the vehicle enters the tunnel and turned off automatically within 1 to 2 seconds when the vehicle leaves. This system will also

turn on the position lights and the low beam lights when the ambient light is dim.

Note: Under the AUTO mode, the system has a manual priority function. If there are light signals input, the system will exit the automatic light mode.

Headlight Low Beam

Turn the light control switch (1) toward A until the mark points to position, the low beam lights will illuminate. Turn the light control switch (1) toward B until the mark points to OFF position, then the low beam lights will turn off.

Switching of High Beam and Low Beam

With the low beam lights on, push handle (3) to the stop position toward C to turn on the high beam lights. Pull back handle (3) toward F to switch to the low beam lights.

Headlight Flasher

Pull handle (3) toward F to the stop position to illuminate the headlights. The headlights will turn off after the handle is released.

Left Turn Signal Light

Pull handle (3) toward E to flash the left turn indicator. After turning, the handle 3 will return to its original position automatically and the turn signal light will turn off.

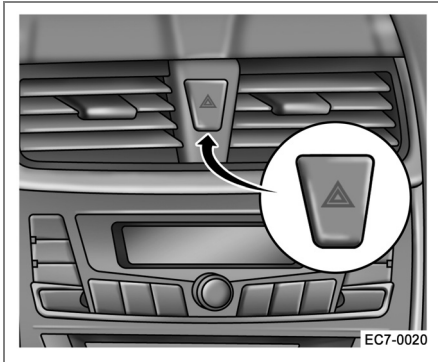
Right Turn Signal Light

Pull handle (3) toward D to flash the right turn indicator. After turning, the handle 3 will return to its original position automatically and the turn signal light will turn off.

Rear Fog Light

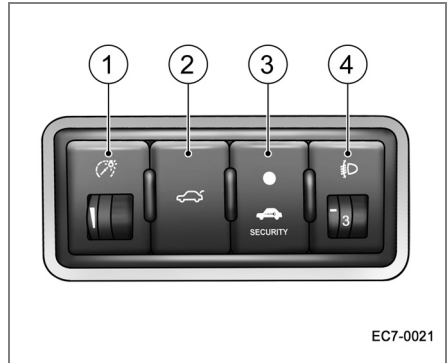
With the low beam lights on, turn the fog control switch (2) toward A until points to the mark to turn on the rear fog lights.

Hazard Warning Light



The switch of the hazard warning light is located on the center switch of the instrument panel. Press this switch in case of vehicle danger or malfunction, and the left and right turn signal lights and the left and right turn indicators on the instrument cluster will flash simultaneously.

Instrument Panel Switch Bank Assembly



1. Backlight brightness adjustment knob

This knob is used to adjust the backlight brightness.

2. liftgate / trunk lid open button

Press the switch button to pop up the trunk lid (Sedan) or unlock the liftgate (Hatchback). This button will return to its original position after external force is removed.

3. Immobilizer indicator

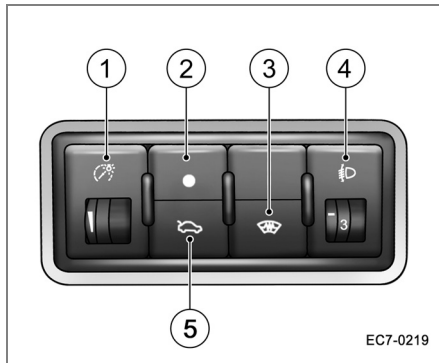
When anti-theft function is set for the vehicle, the immobilizer indicator will flash constantly to inform the driver that the anti-theft function has been activated.

4. Headlight Leveling Adjustment Knob

The headlight leveling adjustment switch is located under the instrument panel, near the power rear view mirror adjustment switch and marked with numbers "0", "1", "2", "3" and "4". The larger the number is, the lower level of the low beams.

The low beams may be higher than the normal position if the number of occupants and amount of cargo in the vehicle are changed. When driving the vehicle on a slope, the headlights may be shining directly into the rear view mirrors of the vehicles ahead or the windshields of the oncoming vehicles. This may block other driver's vision. Turn the knob accordingly to adjust to the appropriate level.

Export Edition



1. Dimmer control knob

The knob is used to adjust the backlight brightness.

2. Immobilizer indicator

When anti-theft function is set for the vehicle, the immobilizer indicator will flash constantly to inform the driver that the anti-theft function has been activated.

3. Windshield defroster switch

The switch is used to turn on the windshield defroster function.

4. Headlight Leveling Adjustment Knob

The headlight leveling adjustment switch is located under the instrument panel, near the power rear view mirror adjustment switch and marked with numbers "0", "1", "2", "3" and "4". The larger the number is, the lower level of the low beams.

The low beams may be higher than the normal position if the number of occupants and amount of cargo in the vehicle are changed. When driving the vehicle on a slope, the headlights may be shining directly into the rear view mirrors of the vehicles ahead or the windshields of the oncoming vehicles. This may block other driver's vision. Turn the knob accordingly to adjust to the appropriate level.

5. liftgate / trunk lid open button

Press the switch button to pop up the trunk lid (Sedan) or unlock the liftgate (Hatchback). This button will return to its original position after external force is removed.

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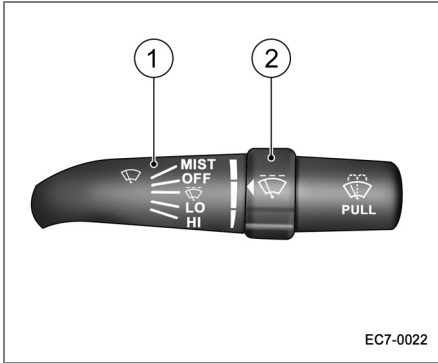
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Wipers and Washers

Wiper Control Combination Switch (Sedan)



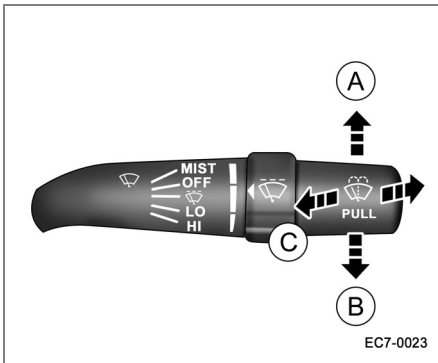
The front wiper of this vehicle is controlled by a wiper combination switch located on the right side of the steering column.

1. Wiper control handle
2. Intermittent speed adjustment knob



If the dust or sand is affixed to the windshield, clear them immediately before using the wiper. Otherwise, it may bring scratches to the glass and affect the life of the wiper blade.◀

Operation of Wiper Control Combination Switch




Inching Wiping of Front Wiper

Pull handle 1 toward A and release the handle (even if the handle is in the MIST position, and then release it), handle 1 will return to OFF position automatically and the front wiper will perform inching wiping operation.

Front Wiper OFF

The front wiper turns off when handle 1 is in OFF position.

Intermittent Wiping of Front Wiper

Pull handle (1) toward B to  position, and the front wiper will wipe intermittently. At this time, turn the intermittent speed adjustment knob (2) to adjust the wiping interval.

Low-speed Wiping of Front Wiper

Pull handle (2) toward B to LO position, and the front wiper will wipe at low speed.

High-speed Wiping of Front Wiper

Pull handle (2) toward B to HI position, and the front wiper will wipe at high speed.

Washing of Windshield

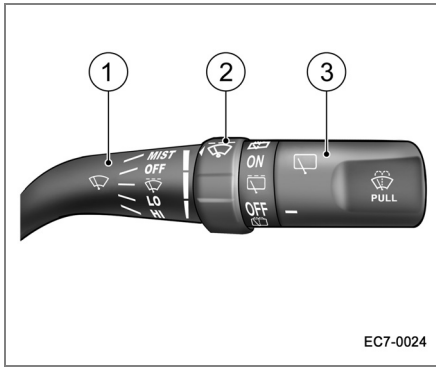
Pull handle (1) toward C, and the wiper will wipe when the windshield squirts water. After releasing handle (1), the washer will stop squirting, and the wiper will return to its original position.




Do not use the wiper while the windshield is dry. Otherwise, it may bring scratches to the glass and affect the life of the wiper blade.◀

Wiper Control Combination Switch (Hatchback)

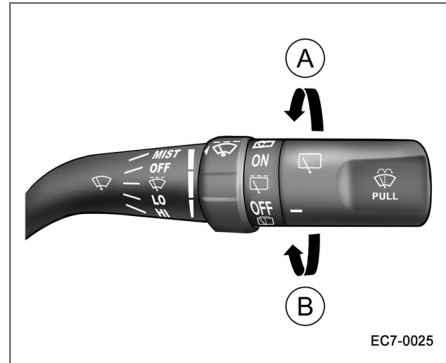
Note: Hatchback wiper control combination switch has a front wiper control function, as well as a rear wiper control function. Refer to “Wiper Control Combination Switch (Sedan)” in Section 2 “Instrument and Control” for detailed operation of the front wiper.



1. Wiper control handle
2. Intermittent speed adjustment knob
3. Rear wiper control switch

 If the dust or sand is affixed to the windshield, clear them immediately before using the wiper. Otherwise, it may bring scratches to the glass and affect the life of the wiper blade.◀


Operation of Wiper Control Combination Switch




Low-speed Wiping of Rear Wiper

Turn rear wiper control switch (3) toward A until it points to ON position, and the rear wiper will wipe at low speed.



Intermittent Wiping of Rear Wiper

Turn rear wiper control switch (3) toward A until it points to  position, and the rear wiper will wipe intermittently.

Rear Wiper OFF

When rear wiper control switch (3) is set to  mark and points to OFF position, the rear wiper will be turned off.

Inching Washing and Wiping of Rear Window

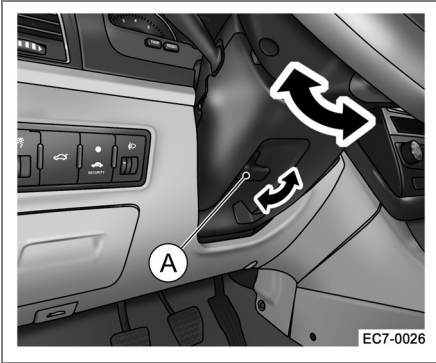
When turning rear wiper control switch (3) toward A until  points to  position, the rear wiper will wipe after the rear window washer squirting water. After releasing control switch (3), the washer will stop squirting and the rear wiper will return to its original position.

Wiping While Reversing

If the reverse gear is engaged and the front wiper is set to low speed, the rear wiper will wipe once at an interval of 10 seconds.

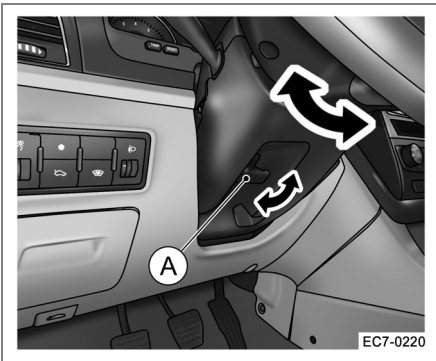
Steering Column

Adjustment of Steering Wheel




A. Lock lever of steering wheel

Export Edition




A. Lock lever of steering wheel

 Do not adjust the steering wheel while driving. Otherwise, it may cause the vehicle to get out of control, leading to danger. ◀


Adjust the inclination angle of the steering wheel to suit your driving posture.

1. Turn the ignition to ON position to disengage the electronic lock, then turn the steering wheel to the straight position.
2. Release lock lever A of the steering wheel completely.


3. Hold the steering wheel tightly and adjust it up and down to the optimal position.
4. After selecting a suitable driving position, fully pull up lock lever A of the steering wheel and lock the steering wheel to the new position.

 After adjusting the inclination angle of the steering wheel, confirm that the steering wheel is securely fixed. ◀

Internal Rear View Mirror

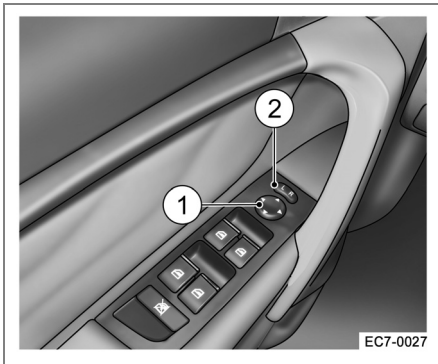
 Do not adjust the rear view mirror of the vehicle while driving. Otherwise, it may cause the vehicle to get out of control, leading to danger. ◀

Outside Mirror

 The distance of the object seen from the exterior rear view mirror is larger than the actual distance. Please adjust the interior and exterior rear view mirrors after driving posture adjustment.

Do not operate the controller or scratch the rear view mirror surfaces if the rear view mirrors are frozen. Use a sprayer or deicer to remove the ice on the rear view mirror surfaces.

To avoid personal injury and rear view mirror damage, do not touch the rear view mirrors while they are operating. ◀



1. Rear view mirror adjustment switch
2. L and R rear view mirror select switch

Adjustment of Exterior Rear View Mirror

1. Turn the ignition switch to ACC or ON
2. Press L and R mirror select switch (2) (L = Left) or (R = Right).



3. Press the direction arrow buttons on the round rear view mirror adjustment switch (1) respectively and adjust the rear view mirror glass up and down, and right and left to the appropriate angle.
4. Reset L and R rear view mirror select switch (2) to its original position after adjustment.

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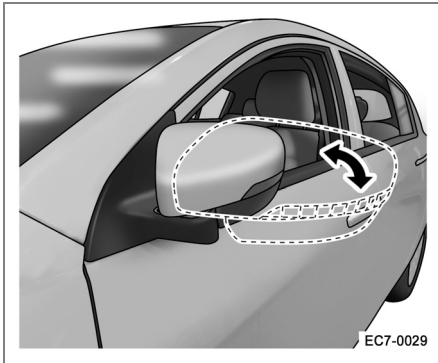
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Folding of Exterior Rear View Mirror



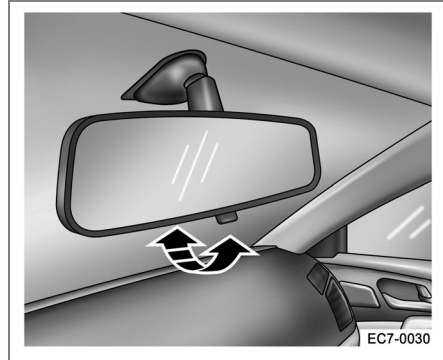
Folding function of the exterior power rear view mirrors on this vehicle allows you to use it while passing through narrow alleys and parking.

 Driving the vehicle on a wide road with the rear view mirrors folded up is prohibited. Before driving, the driver and passenger side rear view mirrors must be extended and adjusted approximately. ◀

Heating and Defrosting Function of Exterior Rear View Mirror

When the  button on the A/C control panel is pressed, the exterior rear view mirror/rear window defogger will be turned on and the indicator will be illuminated. The exterior rear view mirror/rear window defogger will be turned off automatically after approximately 12 minutes. Refer to “Heating, Ventilation and Air Conditioning” in Section 3 “Air Conditioning and Entertainment System” for details.

Mechanical Anti-dazzling Interior Rear View Mirror




Adjustment of Interior Rear View Mirror

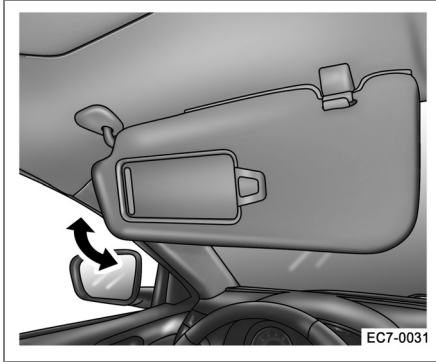
The interior rear view mirrors are fixed on the windshield; you can adjust the interior rear view mirrors to the desired position by turning the angle of the interior rear view mirrors.

Adjustment of Anti-dazzling Interior Rear View Mirror

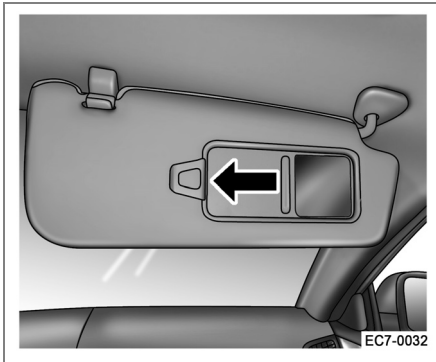
The rear view mirror angle can be changed by pushing the lever on the bottom of the interior rear view mirror to achieve anti-dazzling. The interior rear view mirror will return to its normal position after the lever is pulled back.

 Never adjust the rear view mirrors with the vehicle in motion. Otherwise, it may cause an accidental injury or death resulting from driver mis-operation. ◀

Sun Visor and Vanity Mirror

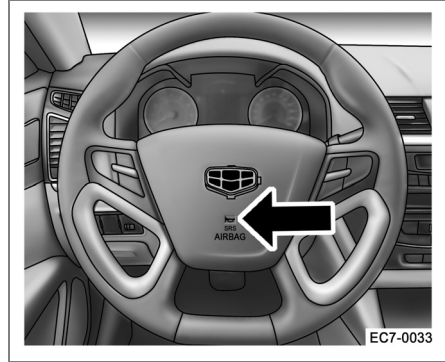


Sun visors are provided for the front driver side and passenger side respectively. Pull the lever towards you or move it towards one side to reduce glare.




The sun visors are provided with vanity mirrors. Flip down the sun visors and slide the covers open to use them.

Horn



Press the horn button area (as shown by the arrow) on the steering wheel, and the horn will operate.

Note: *The horn button area on the steering wheel is also used as a driver side airbag cover. Due to specific function requirement of the driver side airbag, when using the horn, it is better to operate by pressing the horn button area as shown by the arrow in the illustration.*

 To avoid an accident, when using the horn, do not press or knock the cover forcefully. ◀

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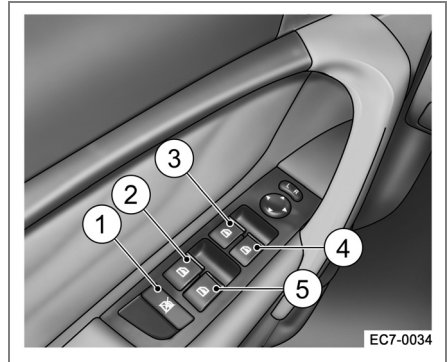
Window

 Leaving your children, incapacitated adult or pets in the vehicle with windows closed is very dangerous. They could be physically worn due to high temperature or suffer a permanent harm or even death from heat exhaustion. Do not leave children, incapacitated adult or pets in the vehicle alone especially when in warm or hot weather with the windows closed tightly. ◀

 Read the configuration instruction before using to confirm if the windows are equipped with anti-pinch function. Never try to let any part of your body caught by the windows to activate the anti-pinch function. Otherwise, it may cause serious injury or even death.

The anti-pinch function may not work if something gets caught just before the window fully closed (the distance between the top of the glass and the window frame is less than 4 mm). ◀

Power Window



1. Rear window lock switch
2. Left rear window switch
3. Left front window switch
4. Right front window switch
5. Right rear window switch

Manual Operation

The window moves as long as the switch is held. The window stops moving as long as the switch is released.

Open: Push the switch down to manual down position.

Close: Pull the switch up to manual up position.

"One Touch" Operation*

Push the switch downward to auto down position and then release to open the window fully.


When the window is moving down automatically:

The window will stop moving down if the switch is pushed down to manual or auto down position and released again.

The window will move up if the switch is pulled up to the manual up position.

The window is also equipped with the function to open or close the window by one touch. Press and hold the lock button on the remote transmitter for more than 2 seconds, the four windows can move up to the fully open position at the same time.

Locking of Rear Window

The rear window lock button  is located on the driver door, next to the window switch. Press this button to disable the rear window operation. This indicator on the button will illuminate to indicate that this function is activated. When the lock function is activated, the rear window can still be moved up or down by operating the driver window switch. To restore the power operation of the rear window, press this button again. The indicator on the button will also go off.

Power window thermal protection

If the windows are operated repeatedly in a short time, the power window control switch might be disabled for ensuring service life of the motor. To restore power window operation, users have to wait for a moment.

Anti-pinch Function*

The window will stop closing halfway automatically and returns to its original state if something gets jammed between the glass and window frame during auto close operation. If the window suffers a strong impact, this function may operate even if nothing is caught. If the power window can not operate automatically or the anti-pinch function can not operate normally, initialize the power window.

Anti-pinch Power Window Learning*

If the vehicle battery is recharged, disconnected or does not operate normally, it is necessary to perform learning for the power window with anti-pinch function again to use one touch operation function.



Replace or recharge the vehicle battery before learning is performed. ◀

The learning steps are as follows:

1. Pull the switch up to manual up position until the window glass fully moves to the top. Pull the switch up again, hold for 1 second and then release it.
2. If the rear power window still can not operate normally after operating as shown above, have your vehicle repaired by the Geely Service Station.

Delay operation functions

After the ignition switch turned off, press and hold the lock button on the remote key for 2 seconds to operate this function if all of the following 3 conditions are met.

1. Within 45 seconds after the ignition switch turned off;
2. All of the doors, engine hood and luggage compartment are closed;
3. The anti-theft system does not set off an alarm.

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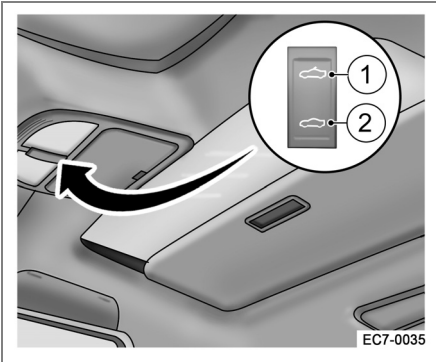
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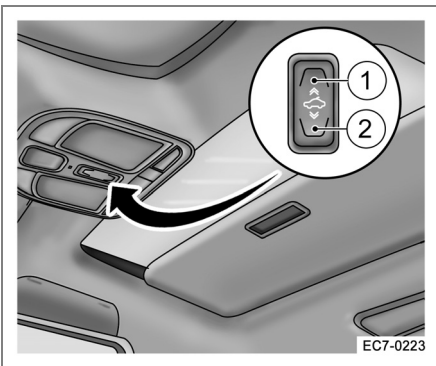
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Sunroof



Export Edition



1. Tilt closing / sunroof opening button
2. Tilt opening / sunroof closing button



Be sure to observe the following precautions to avoid serious personal injury:

- Make sure that all passengers keep their heads, hands and any other part of their bodies far away from the opening of the sunroof while the vehicle is in motion. Otherwise, it may cause personal injury in the event of sudden braking or accident.
- Do not allow any passengers to put their heads or any other part of their bodies outside the sunroof while it is moving.
- Confirm that the key has been removed before exiting the vehicle.
- Do not leave children in the vehicle alone, especially when the key is still in the ignition switch. Otherwise, serious accidents may happen if they play with the sunroof switch.
- Always check that all passengers' heads, hands or other parts of their bodies are not in the opening position of the sunroof when closing the sunroof.
- Do not sit on the surrounding area of the sunroof opening. ◀



In case of accident due to the child playing with the sunroof, his/her guardian should assume the main responsibility for this accident. ◀



If the sunroof is covered with ice, do not open the sunroof to avoid overload and cause damage to the components of the sunroof. ◀

Opening / Closing Sunroof

Press and hold the open/close button of the sunroof (longer than 500 ms), and the glass panel will be automatically opened to the most concealed position or to fully closed position; When the glass panel is sliding automatically, touch the open/close button of the sunroof lightly (short than 500 ms) and it will stop sliding; Touch the open/close button of the sunroof lightly (short than 500 ms), and the glass panel will slide the sunroof or slide close, and then touch the button lightly again and the glass panel will stop sliding.

Tilt Opening / Closing

Press and hold the tilt open/close button (longer than 500 ms), and the glass panel will be automatically tilted to the most tilted position or to fully closed position; When the glass panel is tilting automatically, touch the tilt open/close button lightly (short than 500 ms) and it will stop moving; Touch the tilt open/close button lightly (short than 500 ms), and the glass panel will tilt the sunroof or close, and then touch the button lightly again and the glass panel will stop moving.

Anti-pinch

Press and hold the close button or tilt close button of the sunroof (longer than 500 ms), and the glass panel will automatically close. If it encounters an obstacle during auto close operation, it will automatically move and stop at a position which is 200 mm away from the normal close position.



If the button is held down continually, the anti-pinch function of the sunroof will be unavailable. ◀

Soft Stop

When the glass is sliding open, it will stop at a preset position. If you want to open it fully, you can continue operating.

Sunroof Visor

While the vehicle is running at high speed, do not close the visor with the sunroof open. The visor can be opened or closed manually.

Sunroof Initialization

When the original sunroof position is lost, initialize the sunroof.

Method: Press the tilt closing button for more than 5 seconds at the fully tilted opening position to perform initialization.

Maintenance

Clean the glass panel with the glass cleaner if necessary. Do not use adhesive cleaner!

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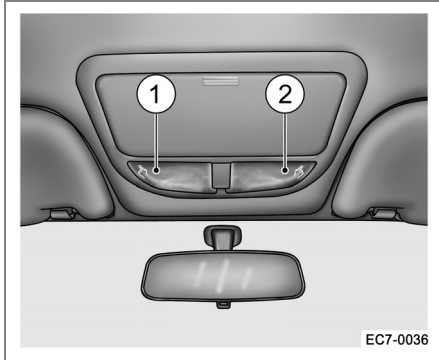
Common Problems and Troubleshooting of Concealed Sunroof

Problem	Reasons	Troubleshooting
Wind noise of sunroof	Different clearances between glass panel and edges of the opening	Remove the left and right garnishes and loosen the tightening nuts of the glass. Insert the thin sheets to the gaps between the glass and the surrounding areas of the roof so that the clearances between the glass and the surrounding areas of the roof are identical.
	Different heights between the glass surface and the roof	Loosen the tightening screws on the regulator to adjust the height of the glass surface.
	Weatherstrip damaged	Replacement of the weatherstrip
Unusual noise in the guide rail	Foreign matters in the slide-way	Clean the slideway and add the lubricating oil
Sunroof operates abnormally	Fuse blown	Replacement of fuse
	Poor switch connection	Replace the switch
	Motor malfunction	Replacement of the motor
	Control module malfunction	Replacement of the control module
	Mechanical set damaged	Replacement of the mechanical set
Water leakage from sunroof	Drain pipe blocked	Use compressed air to blow the drain water
Anti-pinch function of sunroof unavailable	Reset the control module	Pull out the sunroof fuse and then insert it after 5 seconds.

Interior Settings

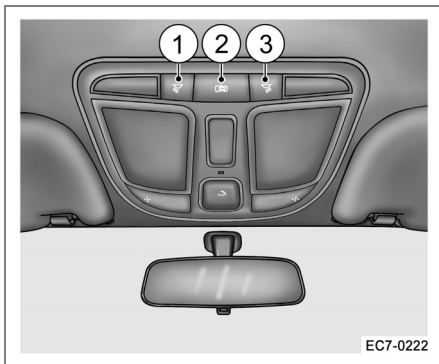
Front Interior Light (w/o Sunroof)

The front interior lights are the main lighting fittings at night, including interior light switch LH and RH and interior light LH and RH. You can use them according to your requirements.



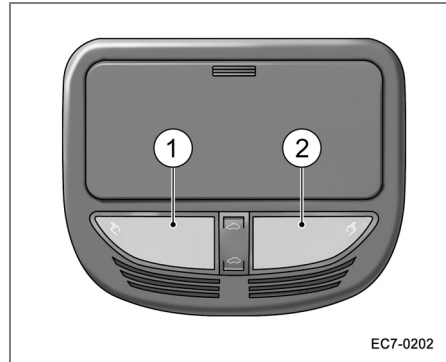
1. Interior light switch LH and Interior light LH
2. Interior light switch RH and Interior light RH

Export Edition



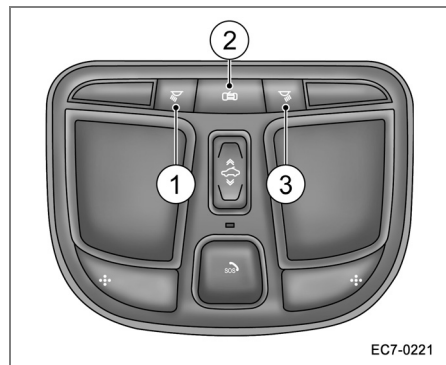
1. Interior light switch LH
2. Courtesy light control switch
3. Interior light switch RH

Front Interior Light (w/ Sunroof)



1. Interior light switch LH and Interior light LH
2. Interior light switch RH and Interior light RH

Export Edition




1. Interior light switch LH
2. Courtesy light control switch
3. Interior light switch RH


Operation of Front Interior Light

Press the interior light switch LH or RH to turn the interior lights on or off.

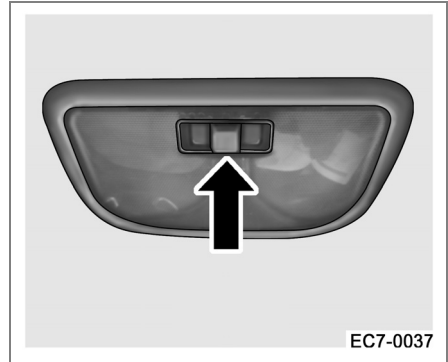
Export Edition

When the courtesy light control switch is pressed and the four doors are in locked status, if you unlock the four doors by using the remote control or passive door handle, the interior dome light will come on. If the door is not opened at this time, the dome light will remain on for 15 seconds and go off if you lock the door by using the remote control or touching the button on the passive door handle; After you unlock the four doors by using the remote control or touching the button on the passive door handle, if any door (except for liftgate / trunk lid) is opened before the dome light go off, the dome light will remain on for 15 seconds since the door is opened and meanwhile, if the four doors are all closed, the dome light will go off automatically.


 Avoid using the front interior lights when driving at night. Bright passenger compartment may reduce the visibility in the dark and cause collision.◀

 If the front interior light switch is turned on, turn the interior light off when leaving the vehicle to prevent the vehicle battery from depleting.◀

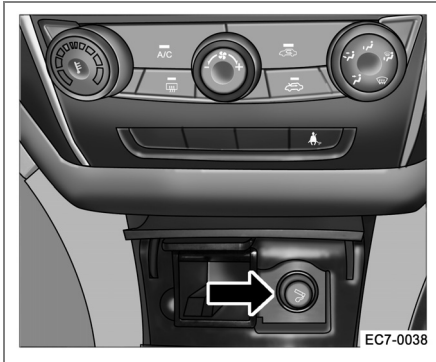
Rear Interior Light




Turn the switch to the left to change the interior light to courtesy light. Turn the switch to the right to turn on the interior light. The center is OFF position.

 If the rear interior light switch is turned on, turn the interior light off when leaving the vehicle to prevent the vehicle battery from depleting.◀

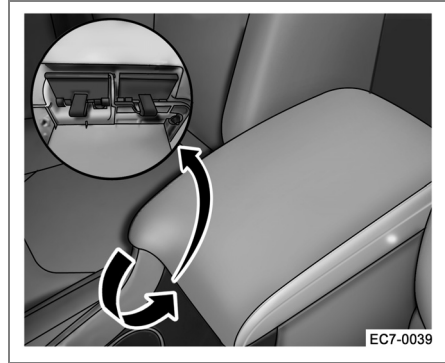
Cigarette lighter



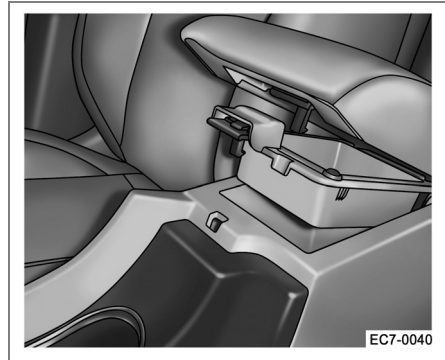
 If the cigarette lighter is held down while it is being heated, you will not be able to part it from the heater core. Over-heat may cause damage to the cigarette lighter or heater core, or cause fuse blown. Do not hold the cigarette lighter down while it is being heated. ◀

Center Armrest


Front Seat Center Armrest



A double-layer console box is provided for the bottom of the center armrest on the vehicle. Pull up the left button as shown to open the upper console box. Pull up the right button to open the lower console box.



The small items such as paper towel, invoice and change can be stored in the upper console box to allow for easy access. The larger items can be stored in the lower console box.

 The center armrest may affect the free movement of the driver's arm and cause accidents and injuries. Keep the console boxes in the center armrest closed at all times while driving. ◀

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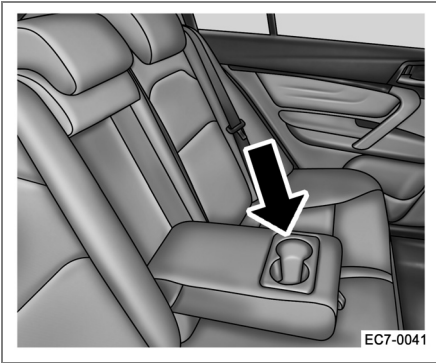
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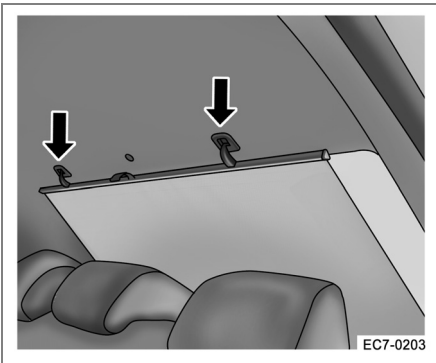
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Rear Seat Center Armrest



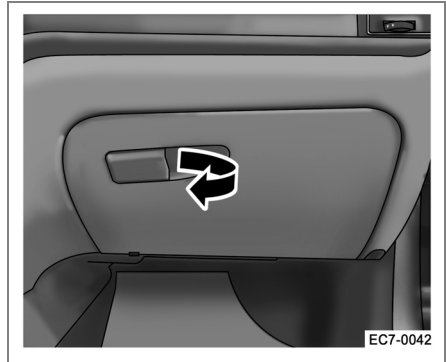
A foldable center armrest with cup holder is provided for the rear center seat back. You can turn the center armrest out by pulling the strap above the armrest down.

Rear Window Sunshade

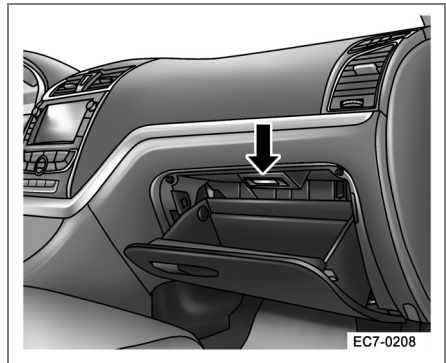


Pull out the curtain screen cloth from the main tube and hang the 2 hooks onto the hook buckles of the ceiling. If you want to retract the curtain screen cloth, disengage the 2 hooks from the hook buckles of the ceiling and then the screen cloth will be retracted automatically into the main tube.

Glove box



The glove box is located in the instrument panel at the front seat passenger side. Pull the handle of the glove box cover to the left side to open the glove box. Push the glove box cover forward to close the glove box.



The interior light comes on automatically to provide illumination after the glove box is opened and goes off after the glove box is closed.

Storage Box



Export Edition*



Many small storage boxes, which are located on the lower side of the front door inner trim board LH and RH, are provided for the vehicle, so that you can use them while driving.

A small storage box is provided for the lower-left side of the instrument panel so that you can store parking card or highway card.

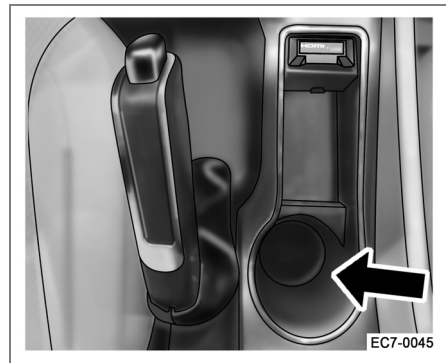
Glasses Box



A glasses box is provided for the vehicle, which is integrated with the front interior light, so that you can store or use the glasses while driving.

Cup Holder

Front Cup Holder



Cup holders are provided at floor console or the lower side of the front door inner trim board LH and RH for you to put cups or drinks.

Rear Cup Holder

The rear cup holder is located in the rear center seat armrest. Refer to “Center Armrest” in Section 2 “Instrument and Control” for more information.

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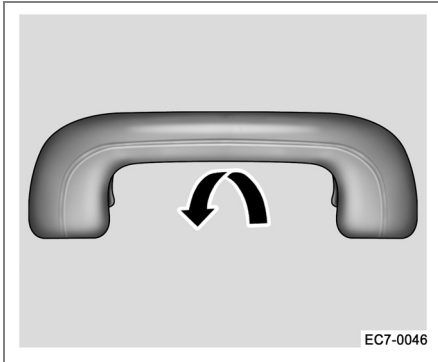
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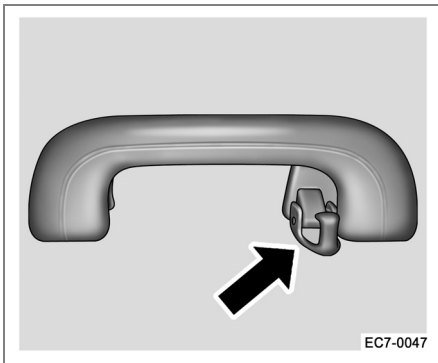
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Interior Door Handle



The interior door handles are provided for the vehicle, which are located on the front seat passenger side and both sides of the rear seats, so that the passengers can use them under special conditions. Springs are provided for the interior door handles. These springs will go up automatically and return to their original positions if they are released.

Coat Hook

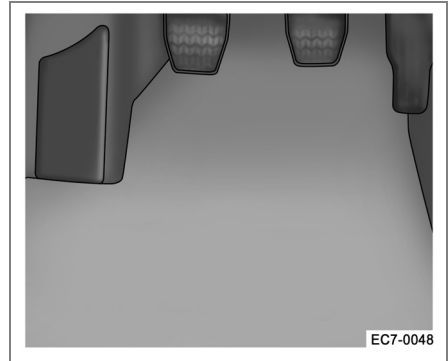


The vehicle is provided with coat hooks, which are located on interior grabs on both sides of the rear seats for the use of passengers.


▶ The coat hooks are only used to hang light items, such as clothes or hats.

Do not hang heavy objects on the coat hooks to prevent damages to the coat hooks.◀

Floor Mat

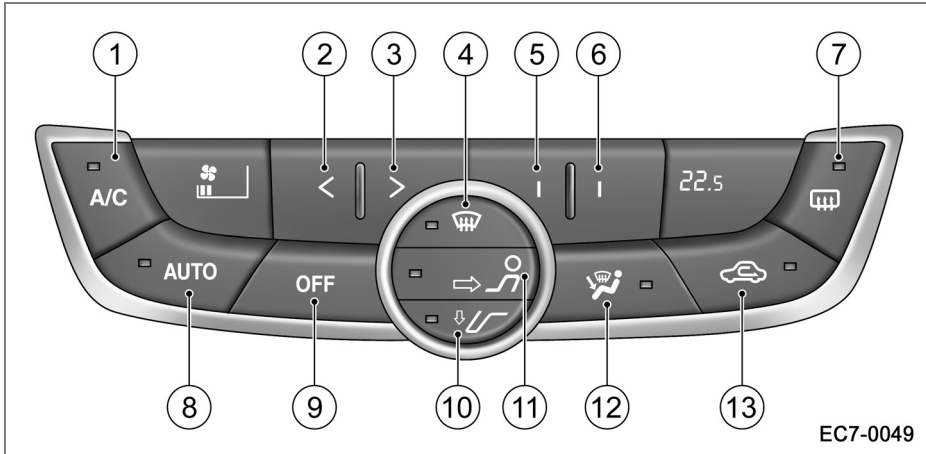


Make sure the floor mat is properly placed as shown in the illustration and use the floor mat of the correct size.

 The floor mat provided for the driver side should not affect the normal use of each pedal. If the floor mat slips while driving, the pedal operation may be affected, causing traffic accidents.◀

Heating, Ventilation and Air Conditioning


Automatic Air Conditioning Control System






1. A/C button
2. VOL- button
3. VOL+ button
4. Max DEF button
5. TEMP- button
6. TEMP+ button
7. Rear window / outside mirror defroster button
8. AUTO button
9. OFF button
10. FOOT button
11. FACE button
12. DEF / FOOT button
13. Internal/external recirculation shift button

Instruction of Button

1. A/C button: Press the button to turn the air conditioning system on or off. If the fan is turned off or the outside temperature drops to below -3°C , the air conditioning system will not operate. Press the button to cancel the automatic air conditioning mode and turn the automatic air conditioning system off. Press the AUTO (automatic air conditioning) button to return to auto operation and the air conditioning system can be activated automatically as necessary.


 If the A/C performance is worse than expected, check if there are dirt or bugs accumulated on the surface of the A/C condenser (in front of the radiator). Please go to the Geely Service Station for a car wash.


If an obstruction is put in the front of the engine hood, the air flowing to the condenser may be reduced. Therefore, the A/C performance will degrade.◀





2. VOL- button  : Press the button to decrease the blower speed. The blower speed can only be decreased to the MIN Level 1.
3. VOL+ button  : Press the button to increase the blower speed. The blower speed can only be increased to the MAX Level 7.
4. Max DEF button  : In order to remove the fog or frost quickly, direct the air to the windshield. For the best performance, remove all the ice and snow on the windshield before defrosting.

5. TEMP- button: If the A/C controller is in normal operating condition, the temperature value will be decreased by 0.5°C every time the button is pressed. When the temperature is decreased to 16°C , the temperature value will be changed to the character "LO" if further decreasing.

6. TEMP+ button: If the A/C controller is in normal operating condition, the temperature value will be increased by 0.5°C every time the button is pressed. When the temperature is increased to 32°C , the temperature value will be changed to the character "HI" if further increasing.

7. Rear window / outside mirror defroster button  : Press the button to turn the rear window/outside mirror defroster on or off. When the rear window / outside mirror defroster is turned on, the indicator will be illuminated. The rear window / outside mirror defrosting function will be turned off automatically after approximately 12 minutes. The defogger can also be turned off by turning the ignition switch to ACC or OFF.

 Do not attempt to remove the frost or any other materials on the inner side of the windshield and rear window with a scraper or any other sharp tools. Doing so may damage the grilles of the rear window defogger. Repair resulting from such damage is not covered under warranty. Always maintain a safe distance between all the objects and the windows.◀

8. AUTO button: If the AUTO (Automatic Air Conditioning) button is pressed in the manual mode, the A/C controller will enter AUTO (Automatic Air Conditioning) mode, and the function indicator will be illuminated at the same time. In this case, the blower air volume, outlet air mode and inlet air mode will be automatically adjusted to a comfortable condition suitable for people.
9. OFF button: If the OFF button is pressed, the A/C will be turned off without any display on the LCD. However, the rear defroster can function normally. In the OFF mode, all buttons except the OFF and rear defroster buttons can activate the system.
10. FOOT button : If the button is pressed in the manual FOOT mode, the mode will be changed to AUTO (Automatic Air Conditioning). If the button is pressed in the FACE mode, the mode will be changed to FACE/FOOT. If the button is pressed in the FACE/FOOT mode, the mode will be changed to FACE. If the button is pressed in the MIX mode, the mode will be changed to FOOT.
11. FACE button : If the button is pressed in the FOOT mode, the mode will be changed to FACE/FOOT. If the button is pressed in the manual FACE mode, the mode will be changed to AUTO (Automatic Air Conditioning). If the button is pressed in the FACE/FOOT mode, the mode will be changed to FOOT. If the button is pressed in the MIX mode, the mode will be changed to FACE.
12. DEF/FOOT button : If the button is pressed in the FOOT mode, the mode will be changed to MIX. If the button is pressed in the FACE mode, the mode will be changed to MIX. If the button is pressed in the FACE/FOOT mode, the mode will be changed to MIX. If the button is pressed in the manual MIX mode, the mode will be changed to AUTO (Automatic Air Conditioning).
13. Internal/external recirculation shift button : Press the button to switch the mode between refresh air and recirculating air modes. In the recirculating air mode, the indicator will be illuminated. The air can be recirculated in the vehicle in the internal recirculating air mode. This will help to cool the air in the vehicle quickly or prevent the outside air and odor from entering the vehicle.

Automatic Operation

The system can control the fan speed and deliver the air automatically in order to heat or cool the vehicle to the desired temperature. When the AUTO (Automatic Air Conditioning) indicator illuminates, the system is in fully automatic operation condition.

If you adjust the air distribution mode or the fan setting manually, the AUTO indicator will be turned off and the selected setting will be shown on the display. Set the system to AUTO mode according to the following steps.

1. Press the TEMP- or TEMP+ button to decrease or increase the temperature of the A/C.
2. Press the AUTO (Automatic Air Conditioning) button.

Manual Operation

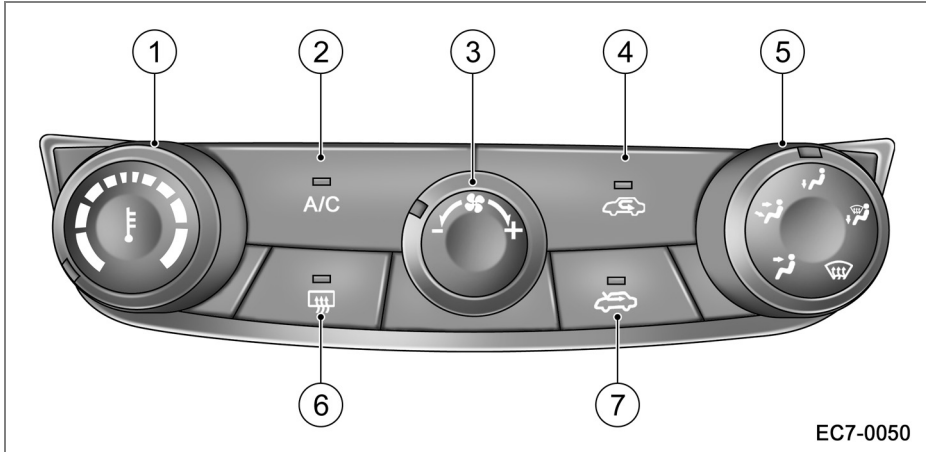
The air conditioning system equipped on this vehicle allows the blower speed, air distribution mode, A/C status and internal recirculation control to be selected manually.

The fan speed can be set to any fixed value by adjusting the blower control unit. After that, the fan will operate at the fixed speed before selecting any other speed, so that the front seat passenger can control the amount of the recirculating air and cancel the AUTO (Automatic Air Conditioning) mode. The operator can also select airflow direction by selecting a certain available mode.

Sensor

The solar sensor is located on the top of the dashboard, near the windshield. It can monitor the heat from the sun. The temperature control system adjusts the temperature, fan speed, internal recirculation and air distribution mode to achieve optimum comfort by using the information from the sensors. Do not cover these sensors. Otherwise, the automatic temperature control system will not function normally.


Manual Air Conditioning Control System




1. Temperature control knob
2. A/C button
3. Air volume control knob
4. Internal recirculation button
5. Mode knob
6. Rear window / outside mirror defroster button
7. External recirculation button

Instruction of Button

1. Temperature control knob: Turn the knob to adjust the temperature: If it is turned in the "Red" direction, the temperature will be increased. If it is turned in the "Blue" direction, the temperature will be decreased.
2. A/C button: A/C ON button.

 If the A/C performance is worse than expected, check if there are dirt or bugs accumulated on the surface of the A/C condenser (in front of the radiator). Please go to the Geely Service Station for a car wash.

If an obstruction is put in the front of the engine hood, the air flowing to the condenser may be reduced. Therefore, the A/C performance will degrade. ◀

3. Air volume control knob: Turn the knob to adjust the fan speed. There are 4 levels and the air volume will be increased gradually from Level 1 to Level 4. If it is set to Level 0, the blower will be turned off without any air volume.
4. Internal recirculation button : Press the button to enter the internal recirculation mode.
5. Mode knob: Turn the knob to select various air distribution modes.



Air flows to the upper body.



Air flows to the foot well.



Air flows to the upper body and foot well.





Air flows to the windshield.




Air flows to the windshield and foot well.

6. Rear window / outside mirror defroster

button : Press the button to turn the rear window / outside mirror defroster on or off. When the rear window / outside mirror defroster is turned on, the indicator will be illuminated. The rear window / outside mirror defrosting function will be turned off automatically after approximately 12 minutes. The defogger can also be turned off by turning the ignition switch to ACC or OFF.

 Do not attempt to remove the frost or any other materials on the inner side of the windshield and rear window with a scraper or any other sharp tools. Doing so may damage the grilles of the rear window defogger. Repair resulting from such damage is not covered under warranty. Always maintain a safe distance between all the objects and the windows. ◀

7. External recirculation button : Press the button to enter the external recirculation mode.

Operation Recommendation

Daily Operation

- The inside of the vehicle may become hot if it is parked in the harsh sunlight for a long time. In this case, open all windows to discharge the hot air to the outside first and then turn the A/C on. When the temperature inside the vehicle becomes cool, close the windows and adjust the temperature inside the vehicle as desired.
- Do not allow cold air to flow to the windshield directly in humid weather in order to avoid water vapor condensed on the outside of the glass due to temperature difference between inside and outside of the glass.
- In cold weather, you can change the fan speed to Level 4 for several minutes so that the ice, snow or water vapor in the inlet pipe can be removed and the fog condensed on the glass can be reduced.
- When driving on dusty roads, close all windows. We recommend that you keep using the internal recirculation mode and then set the fan speed control button to position other than OFF, if the dust kicked up by the vehicle still enters the vehicle after the windows are closed.
- When the A/C controller is operating, you may feel eyes stung if you smoke. The cause of this symptom is that the retinas become dry as the result of the dry air inside the vehicle, so the eyes are extremely sensitive to the external stimulation. In this case, set the external recirculation mode in order to discharge the smog.

- Do not allow the leaves or other foreign matters to cover the air inlet grille near the windshield.
- The space under the front seat should be kept free so that the air can circulate easily.

Long Term Storage

Whenever you want to store the vehicle or leave it unused for 2 weeks or above, allow the air conditioning system to operate in the external recirculation mode at high fan speed for 5 minutes while the engine is idling. This allows the system to be lubricated fully, and the possibility of the compressor damage minimized when the system is turned on again.

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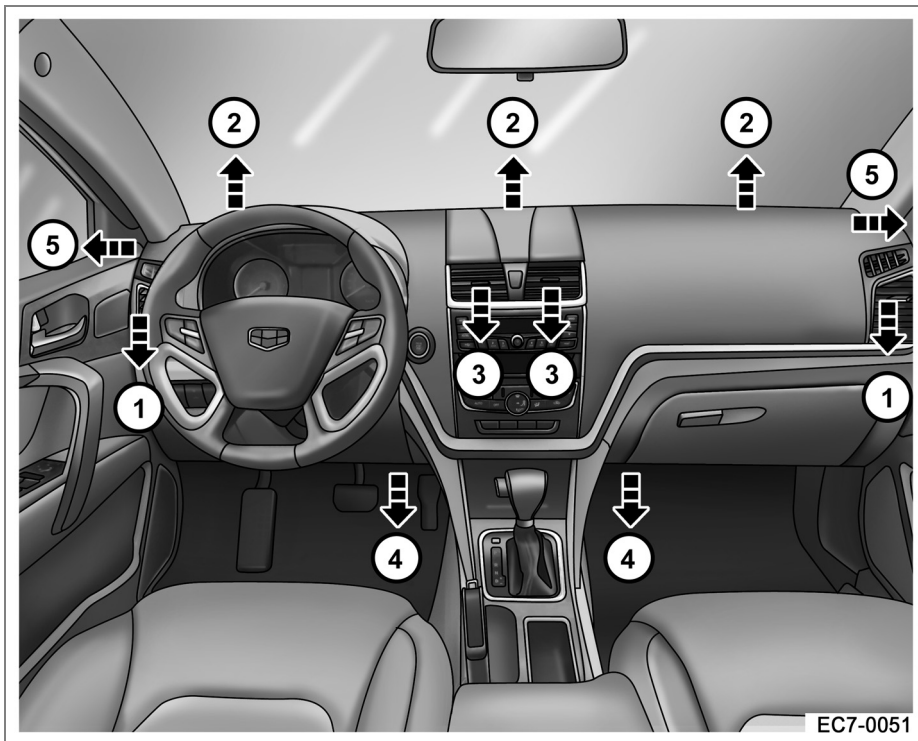
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Air Vent

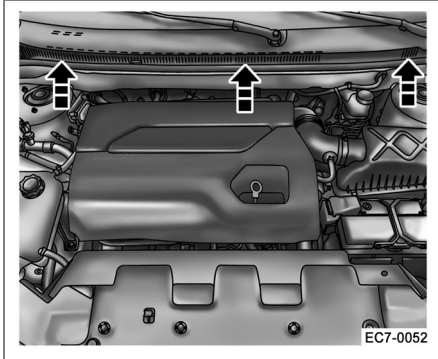


- 1. Air outlet
- 2. Windshield defroster outlet
- 3. Center air outlet
- 4. Front seat passenger FOOT air outlet
- 5. Defroster air vent

Note: There are 2 rear seat passenger FOOT air outlets, which are located on the floors under the 2 front passenger seats respectively (not shown in the illustration).

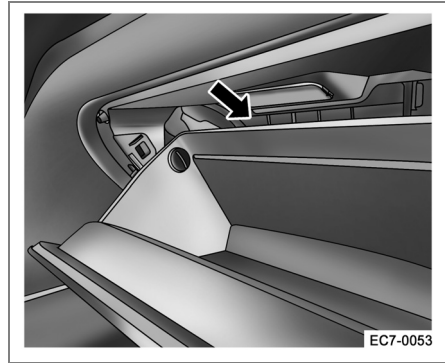
Maintenance of Air Conditioning System

Air Inlet



Remove any ice, snow or leaves in the air inlet under the dash panel. Otherwise, they will prevent the air from flowing into the vehicle.

Air Conditioning Filter



The vehicle is equipped with an air conditioning filter, which is located behind the glove box on the front passenger seat side. This filter can remove the dust, pollen, and other irritants from the outside air entering the vehicle.

For the best filtering effect, check and replace the filter regularly according to the Warranty and Maintenance Manual.

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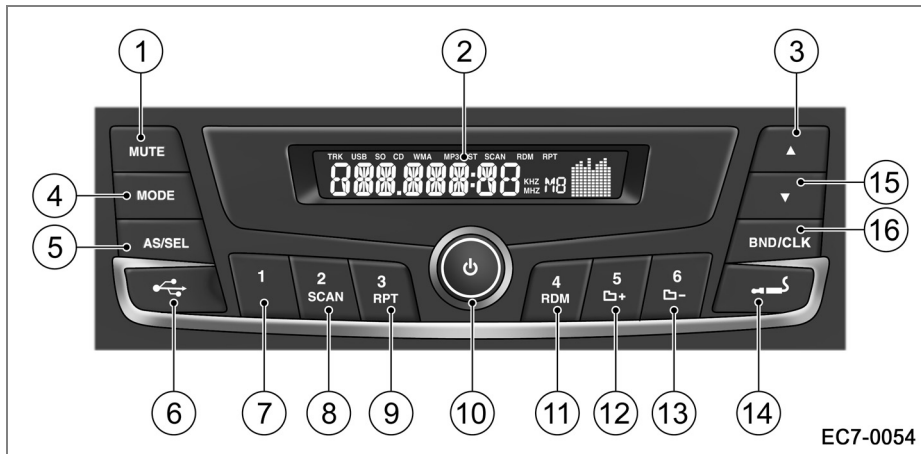
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In-vehicle Entertainment System

Multimedia Player



1. MUTE button
2. LCD display
3. Δ Button
4. MODE button
5. AS/SEL button
6. USB port
7. 1/PAU button
8. 2/SCAN button
9. 3/RPT button
10. Center knob
11. 4/RDM button
12. 5/ \square + button
13. 6/ \square - button
14. AUX port
15. ∇ Button
16. BND/CLK button

Button Description

Number	Name	Radio mode	USB Mode	Description
1	MUTE	Press and release: Mute	Press and release: Pause/play	-
2	LCD Display	-	-	Display the system operating status, settings and other information.
3	△	Press and release: Seek program up automatically	Press and release: Go to the previous track Press and hold: Fast rewind	-
4	MODE	Press and release: Change the mode	Press and release: Change the mode	-
5	AS/SEL	Press and release: Scan automatically and store the station Press and hold: Set the SEL	Press and hold: Set the SEL	-
6	USB port	-	-	Open the protective cover and connect the USB memory
7	1/PAU	Press and release: Select the stored station 1 Press and hold: Store the current station to 1	Press and release: Pause play Press and hold: Return to track 1 and play	-
8	2/SCAN	Press and release: Select the stored station 2 Press and hold: Store the current station to 2	Press and release: Scan	-

Number	Name	Radio mode	USB Mode	Description
9	3/RPT	Press and release: Select the stored station 3 Press and hold: Store the current station to 3	Press and release: Repeat play	-
10	Center knob	Press and release: ON/OFF Turn: Volume up/down	Press and release: ON/OFF Turn: Volume up/down	-
11	4/RDM	Press and release: Select the stored station 4 Press and hold: Store the current station to 4	Press and release: Random play	-
12	5/▢+	Press and release: Select the stored station 5 Press and hold: Store the current station to 5	Press and release: Select the next directory Press and hold: Fast forward 10 tracks	-
13	6/▢-	Press and release: Select the stored station 6 Press and hold: Store the current station to 6	Press and release: Select the previous directory Press and hold: Fast rewind 10 tracks	-
14	AUX port	-	-	Open the protective cover and connect the AUX input cable
15	▽	Press and release: Seek program down automatically	Press and release: Go to the next track Press and hold: Fast forward	-
16	BND/CLK	Press and release: Select the band Press and hold: Change to time setting	Press and release: Change to current radio status Press and hold: Change to time setting	-

Operation Instruction - Radio Mode

The radio provided for the vehicle has two formats:

- FM - 87.5MHz ~ 108.0MHz 100KHz step
- AM - 522KHz ~ 1629KHz 9KHz step

ON/OFF and Volume Control

Press and release the center knob to turn the radio on, and press it again to turn the radio off. Turn the knob left to decrease the volume and turn right to increase the volume.

Automatic Seek Station

Press and release \triangle or ∇ button to seek up or down for a station automatically and will stop on reception automatically. If you press the same direction button again when searching, the position of the station will return to the previous one before searching. If you press the opposite seek button again, the frequency will be searched in the opposite direction automatically. The automatic seek station operation can be stopped by changing the bands and modes or turning the radio on and off, and the position of the station will return to the previous one before searching.

Storing Position of Current Station

When a certain station is played, the current station can be stored to the corresponding position of the station if you press and hold buttons 1/PAU, 2/SCAN, 3/RPT, 4/RDM, 5/ $\square+$ or 6/ $\square-$.

Recalling Position of Preset Station

If you press and release buttons 1/PAU, 2/SCAN, 3/RPT, 4/RDM, 5/ $\square+$ or 6/ $\square-$, the number of the preset station can be recalled as the station you are currently playing.

Changing Band

Press and release the BND/CLK button to cycle among the bands in the order of FM1, FM2, FM3, AM1 and AM2.

Auto Store (AS)

Press and release the AS/SEL button to activate this function. The program will search the available information from the station within current band automatically. The display will show the frequencies of the current band which are searched automatically in the order from low to high. After searching, the strong station will be stored in the corresponding band automatically.

Take FM band as an example:

After the AS function is activated, the frequencies stored in the previous band will be cleared. The radio will search the available frequencies within the range from 87.5MHz to 108.0MHz. After 6 stations are searched, it will store them first. The signal strength of subsequently searched stations will be compared with that of the previous 6 stations. The frequencies with poor strength will be replaced one by one until the search is finished. Then, the final 6 stations will be ordered according to the frequencies and stored to the corresponding number of the station respectively.

If the button is pressed during auto store (AS), it will return to its previous state. The AS operation can be stopped by changing the bands and modes or turning the radio on and off.

Unavailable Radio Station Mute

When the radio is in a place where the station is unavailable, the sound will be set to the low volume automatically. When the signal level is less than 15dB, the sound will also be set to low volume automatically, avoiding unpleasant noise from the radio.

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Multinational Radio Parameter Setting

When the radio is turned on, press and hold the AS/SEL button to enter "TRE" menu in the audio setting mode. Press and hold the MODE button to display the current parameter number (the numbers corresponding to the buttons:1, 2, 3) of the radio within 2 seconds. The corresponding display number for China, Algeria, South Africa, Australia, Saudi Arabia, Russia and Egypt is "1", that for Chile and Brazil "2", and that for Syria and Turkey "3."

USB Play Mode

Inserting USB

With the radio turned on, the head unit will be changed to USB play mode automatically when the USB containing playable files is detected.

Removing USB

If the USB in use is removed, it will return to AM/FM mode.

USB

If the USB containing playable files is inserted into the head unit, the head unit will change to USB mode and play automatically by pressing of the MODE button in the radio mode.

Selecting Track

In USB mode, press and release the \triangle or ∇ button to select the tracks. When the \triangle button is pressed and released, it will skip to the previous track to play. When the ∇ button is pressed and released, it will skip to the next track to play. The repeat and scan play functions can be canceled by selecting tracks.

Fast Forwarding/Rewinding

Press and hold the \triangle or ∇ button for more than 1.5 s to enter fast forwarding / rewinding mode. Once the \triangle or ∇ button is released, it will exit from the forwarding / rewinding mode and start to play the track normally at the point of the button released. The repeat, random and scan play functions can be canceled by forwarding/rewinding. The forwarding/rewinding operation is only available for the current track.

Playing and Pausing

If you press and release the 1/PAU button, while playing music, the head unit will pause the music. If you press this button again, the head unit will continue playing the current track.

Scan Play

If you press and release the 2/SCAN button, the head unit will play the first 10 seconds of the each track in the current directory of the USB in order. Press this button to go to the next track for scan play if more than 10 seconds of the current track have already been played.

Repeat Play

If you press and release the 3/RPT button, the head unit will repeat the current track.

Random Play

If you press and release the 4/RDM button, the head unit will play the tracks in random order.

Selecting Directory

If you press and release the 5/ \square + button, the head unit will select the previous directory and play the songs. If you press and release the 6/ \square - button, the head unit will select the next directory and play the songs.

Skipping Songs

If you press and hold the 5/□+ button, the head unit will fast forward 10 songs and start playing. If you press and hold the 6/□- button, the head unit will fast rewind 10 songs and start playing.

Audio

Volume Adjustment

Turn the center knob right to increase the volume and left to decrease the volume.

Menu of Audio Settings

After entering the selection screen by pressing and holding the AS/SEL button, you can enter BASS, TREBLE, BALANCE and FADER adjustment modes in turn by pressing the AS/SEL button, and adjust the audio setting by turning the center knob.

- BASS mode: Turn the center knob fully clockwise to enhance BASS effect, and fully counterclockwise to weaken the BASS effect.
- TREBLE mode: Turn the center knob fully clockwise to enhance TREBLE effect, and fully counterclockwise to weaken the TREBLE effect.
- BALANCE mode: Turn the center knob fully to the right of the BALANCE clockwise and fully to the left of the BALANCE counterclockwise.
- FADER mode: Turn the center knob to the rear-most position of the FADER clockwise and to the front-most position of the FADER counterclockwise.

Note: If the EQ setting is not OFF, both the BASS and TREBLE functions are set to off.

EQ Adjustment

After entering EQ OFF screen by pressing and holding the AS/SEL button, you can select several preset equalizer modes such as OFF / POP / CLASSIC / ROCK / JAZZ in turn by turning the knob.

Note: In these cases, the EQ OFF screen will be turned off if the center knob is not turned within 3 seconds,

Mute Setting

You can perform the mute setting in any modes by pressing and releasing the MUTE button. If you press and release this button again or turn the center knob, the mute function will be canceled.

Time Display Mode

In the time display mode, press and release the BND/CLK button to return to the display status of the current play mode (Radio / USB / AUX).

In the Radio / USB / AUX display mode, the system will skip to the time display mode if there is no any operation within 10 seconds.

Time Display Setting

In the Radio / USB / AUX display mode, press and hold the BND/CLK button over 2 seconds to enter the time setting mode.

1. In the time setting mode, press and hold the BND/CLK button to cycle through "hour / minute / 12-hour format / 24-hour format" ; rotate the knob to adjust the corresponding options (hour / minute / 12-hour format / 24-hour format).
2. After the time adjustment is complete in the time setting mode, press and hold the BND/CLK button over 2 seconds or there is no any operation within 5 seconds, the system will return to the normal time display status.

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Advanced On-board Head Unit / GPS Head Unit



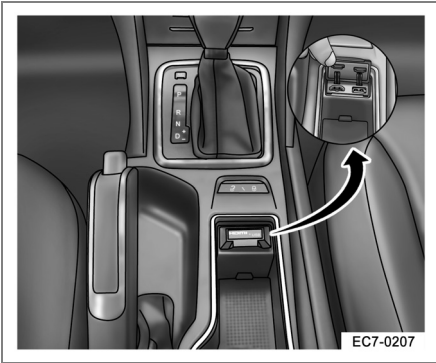
- | | |
|-----------------------------------|-----------------------------|
| 1. Power / volume adjustment knob | 4. Return button |
| 2. Menu button | 5. Mode / tuner knob |
| 3. Main menu button | 6. AUX/TF express card slot |

Button Description

Number	Name	Function	Description
1	Power/volume adjustment knob	Power/volume adjustment	<ul style="list-style-type: none"> If you press and hold this button for 3 seconds or above when the system is off, the system will be turned on (the vehicle needs to be powered on). If you press and hold this button for 3 seconds or above when the system is on, the system will be turned off automatically. The master volume can be adjusted by adjusting this knob. Turn it clockwise to increase the volume and counterclockwise to decrease the volume. Press and release the knob to mute
2	Menu button	Menu	The menu screen in the application will pop up by pressing and releasing the button.
3	Main menu button	Main menu	The system will go to main startup screen directly from any screen by pressing and releasing the button.
4	Return button	Return	Return to the previous operation screen
5	Mode/tuner knob	Mode/tuner	<ul style="list-style-type: none"> Use the up and down buttons to select while playing the multimedia contents. Use the tuner to select while playing the radio. Press and release the knob to change the modes among FM, music, navigation and video. This will not return to the current status.
6	AUX/TF express card slot	Insert the AUX device and TF express card	Operate the external TF card and AUX device.

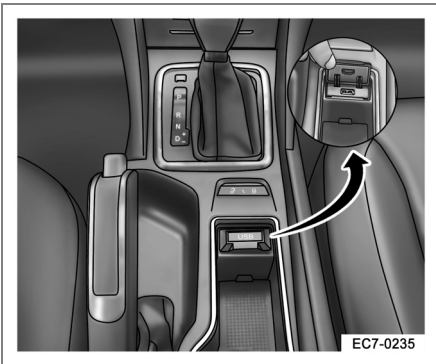
Note: The difference between the advanced on-board head unit and GPS head unit is that the former does not support GPS and has different mobile phone interconnection program. The appearance and other features are identical. Refer to the audio manual that comes with the vehicle for detailed usage instructions.

USB / HDMI Port*



Open the protective cover to connect external portable storage devices to USB/HDMI port.

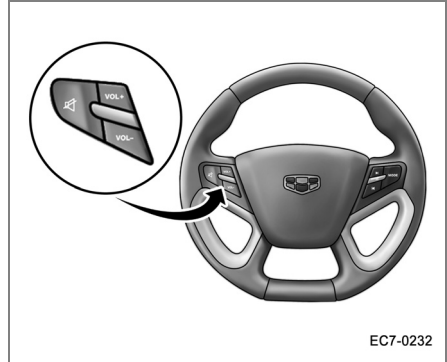
USB Port*





Open the protective cover to connect external portable storage devices to USB port.

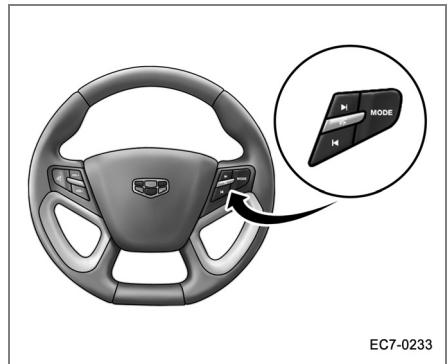
▶ When using the external portable storage devices such as USB flash disks, SD cards or mobile HDDs, low-quality or damaged products cannot be recognized by the system or the system cannot be used due to damage to it. In order to avoid unnecessary economic losses, please use the external portable storage devices purchased through regular channels.◀

Steering Wheel Button(w/ VR Button, w/o Cruise Control Buttons)




Press and release the VOL+ button to increase the volume of the system. Press and release the VOL- button to decrease the volume of the system.

You can perform the mute setting in any modes by pressing and releasing  button. If you press and release  button again or VOL+ or VOL-, the mute function will be canceled.



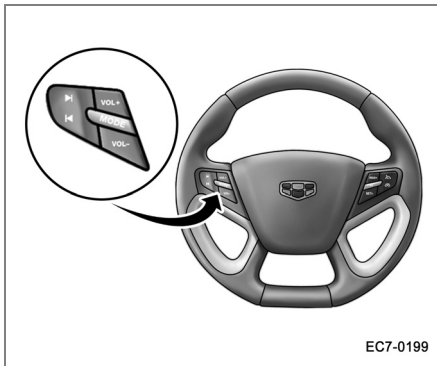
Press and release the MODE button to cycle through the navigation, radio, music, video image functions.

Press and release  button to skip to the next station in the radio mode; to skip to the next track or video in the music and video modes ; to select the next one from the list in the voice recognition mode.

Press and release **◀** button to skip to the previous station in the radio mode; to skip to the previous track or video in the music and video modes; to select the previous one from the list in the voice recognition mode.

Press and release the voice recognition function button **🗣️** to confirm the voice prompt option and press and hold to cancel it.

Steering Wheel Button(w/ VR Button, w/ Cruise Control Buttons)



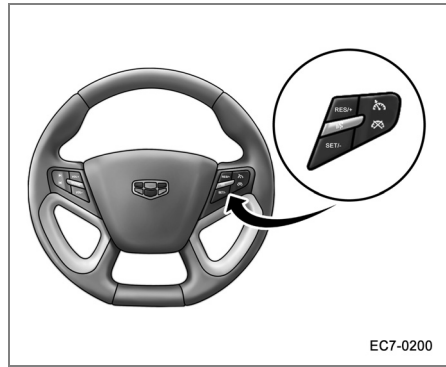
EC7-0199

Press and release **▶** button to skip to the next station in the radio mode; to skip to the next track or video in music and video modes; to select the next one from the list in the voice recognition mode.

Press and release **◀** button to skip to the previous station in the radio mode; to skip to the previous track or video in music and video modes; to select the previous one from the list in the voice recognition mode.

Press and release the VOL+ button to increase the volume of the system. Press and release the VOL- button to decrease the volume of the system.

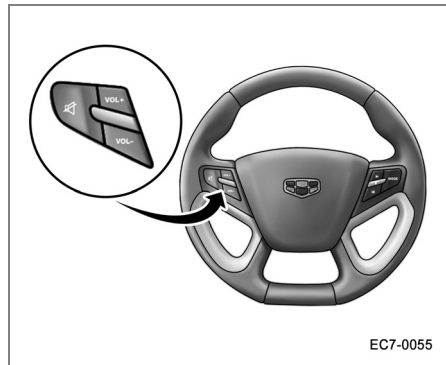
Press and release MODE button to cycle through the navigation, radio, music, video and image functions.



EC7-0200

Press and release the voice recognition function button **🗣️** to confirm the voice prompt option and press and hold to cancel it.

Steering Wheel Button(w/ Phone button, w/o Cruise Control Buttons)



EC7-0055

Press and release the VOL+ button to increase the volume of the system. Press and release the VOL- button to decrease the volume of the system.

You can perform the mute setting in any modes by pressing and releasing **🔇** button. If you press and release **🔇** button again or VOL+ or VOL-, the mute function will be canceled.

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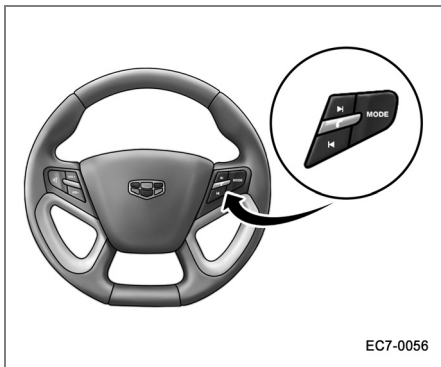
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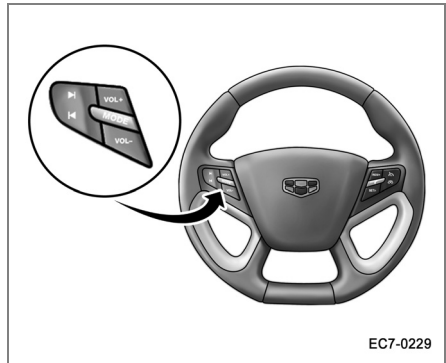
Press and release MODE button to cycle through the navigation, radio, music and video functions.

Press and release ► button to skip to the next station in the radio mode; to skip to the next track or video in music and video modes.

Press and release ◀ button to skip to the previous station in the radio mode; to skip to the previous track or video in music and video modes.

When the Bluetooth - compatible phone is connected, if there is an incoming call, press the  button on the steering wheel to answer the call; When there is a call in progress and the phone is in connection (call unanswered), press the  button on the steering wheel to end the call.

Steering Wheel Button(w/ Phone button, w/ Cruise Control Buttons)

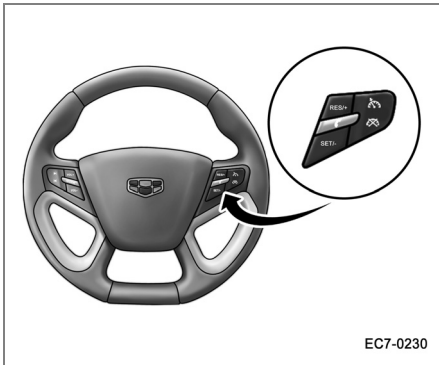




Press and release ► button to skip to the next station in the radio mode; to skip to the next track or video in music and video modes.

Press and release ◀ button to skip to the previous station in the radio mode; to skip to the previous track or video in music and video modes.

Press and release the VOL+ button to increase the volume of the system. Press and release the VOL- button to decrease the volume of the system.

Press and release MODE button to cycle through the navigation, FM, music and video functions.



When the Bluetooth - compatible phone is connected, if there is an incoming call, press the  button on the steering wheel to answer the call; When there is a call in progress and the phone is in connection (call unanswered), press the  button on the steering wheel to end the call.

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GPS Head Unit (Export)



1. Power / volume adjustment knob
2. Menu button
3. Main menu button
4. Return button
5. Mode / tuner knob
6. AUX / Micro SD card slot

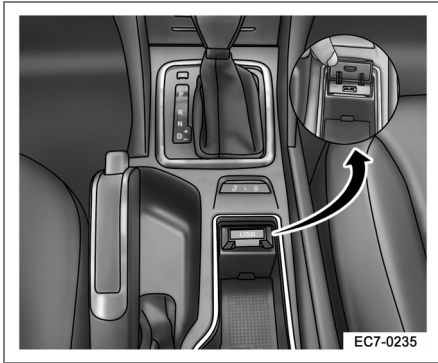
Button Description

Number	Name	Function	Description
1	Power / volume adjustment knob	Power / volume adjustment	<ul style="list-style-type: none"> If you press and hold this button for 3 seconds or above when the system is off, the system will be turned on (the vehicle needs to be powered on). When you cycle the ignition from ACC to OFF with the system on, the system will power off automatically if it detects the power down. When you cycle the ignition back to ACC, the head unit will automatically power on. When powered on, press and hold the button for 3 seconds or above, the system will automatically power off; When powered off (with ignition in ACC), press and release the knob to power on the head unit. The master volume can be adjusted by adjusting this knob. Turn it clockwise to increase the volume and counterclockwise to decrease the volume. The volume requires 30 degrees. Press and release the button to mute.
2	Menu button	Menu	Single press (between 1 to 3 seconds), the application exits the Menu screen.
3	Main menu button	Main menu	Single press (between 1 to 3 seconds), the system will skip to Home screen from any screens.
4	Return button	Return	Return to the previous operation screen
5	Mode / tuner knob	Mode / tuner	<ul style="list-style-type: none"> Used for up and down selection when playing music, video and pictures; For station tuning when in the radio mode. Press and release the knob to change the modes among FM, music, navigation and video. This will not return to the current status.

Number	Name	Function	Description
6	AUX / Micro SD card slot / USB port	Insert the AUX device and Micro SD card and external USB port	<ul style="list-style-type: none"> Operate external Micro SD card, external standard Micro SD card port; Micro SD card compatible with maximum 16 G, only support genuine Micro SD card. Micro SD card write and read rate between 8-10MBps, the compatible Micro SD card: SDHC2, SDHC4, SDHC6. External audio auxiliary input connector, 3.5mm, stereo. Comply with the standard PIN definition. Operate USB drive and connect USB drive mobile storage media by external USB port. Standard USB 2.0 port, compatible with maximum 16 G USB drive. USB write and read rate between 8-10 MBps, compatible with USB1.1 and USB2.0

Note: The difference between the GPS head unit (Export) and GPS head unit (Domestic) is that the former does not have 3G module and supports the wireless phone mapping. The appearance and other features are identical. Refer to the audio manual that comes with the vehicle for detailed usage instructions of GPS head unit (Export).

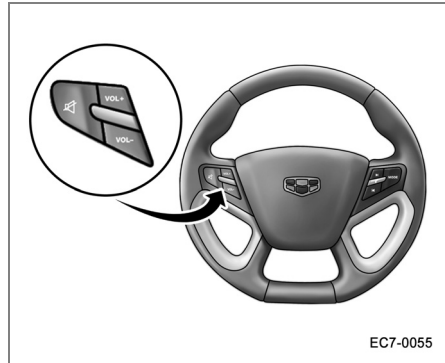
USB Port*





Open the protective cover to connect external portable storage devices to USB port.

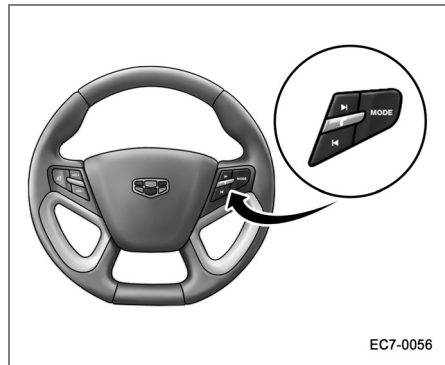
▶ When using the external portable storage devices such as USB flash disks, SD cards or mobile HDDs, low-quality or damaged products cannot be recognized by the system or the system cannot be used due to damage to it. In order to avoid unnecessary economic losses, please use the external portable storage devices purchased through regular channels.◀

Steering Wheel Button (w/o Cruise Control Buttons)




Press and release the VOL+ button to increase the volume of the system. Press and release the VOL- button to decrease the volume of the system.

You can perform the mute setting in any modes by pressing and releasing  button. If you press and release  button again or VOL+ or VOL-, the mute function will be canceled.



Press and release MODE button to cycle through the navigation, radio, music and video functions.

Press and release  button to skip to the next station in the radio mode; to skip to the next track or video in music and video modes.

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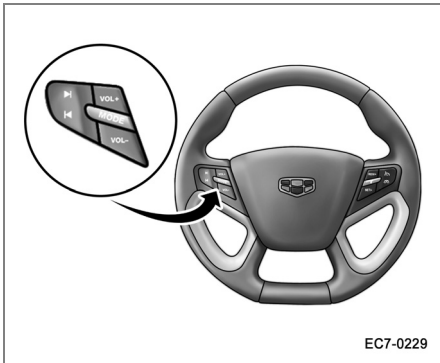
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Press and release **◀** button to skip to the previous station in the radio mode; to skip to the previous track or video in music and video modes.

When the bluetooth - compatible phone is connected, if there is an incoming call, press the **☎** button on the steering wheel to answer the call; When there is a call in progress and the phone is in connection (call unanswered), press the **☎** button on the steering wheel to end the call.

Steering Wheel Button (w/o Cruise Control Buttons)

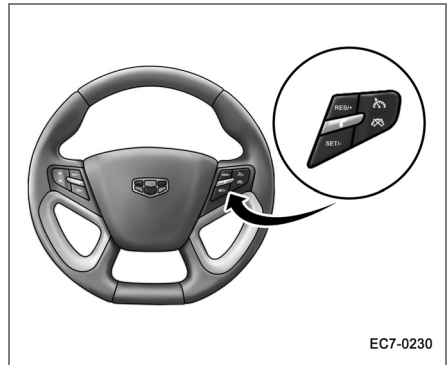


Press and release **▶** button to skip to the next station in the radio mode; to skip to the next track or video in music and video modes.

Press and release **◀** button to skip to the previous station in the radio mode; to skip to the previous track or video in music and video modes.

Press and release the VOL+ button to increase the volume of the system. Press and release the VOL- button to decrease the volume of the system.

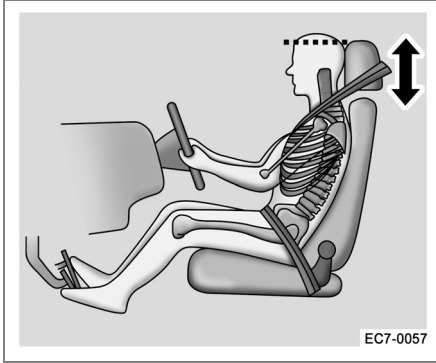
Press and release MODE button to cycle through the navigation, FM, music and video functions.



When the bluetooth - compatible phone is connected, if there is an incoming call, press the **☎** button on the steering wheel to answer the call; When there is a call in progress and the phone is in connection (call unanswered), press the **☎** button on the steering wheel to end the call.

Head Restraint

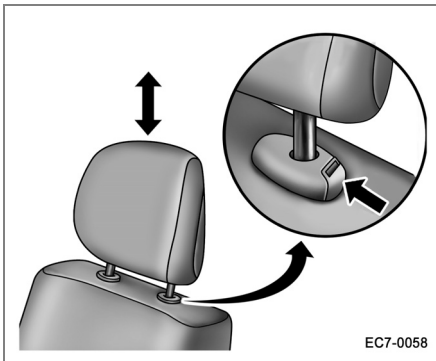
An adjustable head restraint is provided for each seating position of the front and rear seats on the vehicle.



Adjust the height of the head restraint, with the top of the head restraint parallel to the top of the passenger's head. This can reduce the risk of whiplash in a collision.

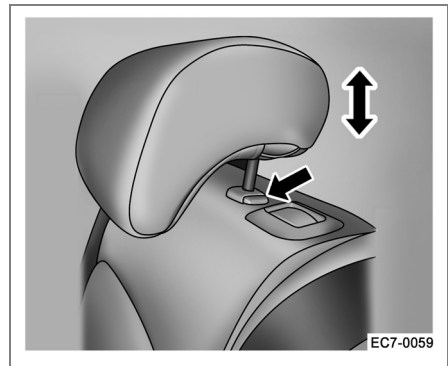
⚠ If the restraint is not properly installed and adjusted, the risk of whiplash to the passenger will be increased in a collision. Check that all passengers' head restraints have been properly installed and adjusted before driving. ◀

Adjustment of Front Seat Head Restraint



To raise or lower the head restraint, press and hold the adjustment button on the side of the seat head restraint, lift up or push down the head restraint to the desired height, and then release the button. Push down or lift up the head restraint lightly again until you hear a click to make sure that the head restraint is locked in position. Rotate the head restraint forward to adjust the head restraint up and down.

Adjustment of Rear Seat Head Restraint



Press and hold the adjustment button on the side of the seat head restraint, and move the head restraint up and down until you hear a click to make sure that the head restraint is locked in position. Press and hold the adjustment button to push in or pull out the head restraint.

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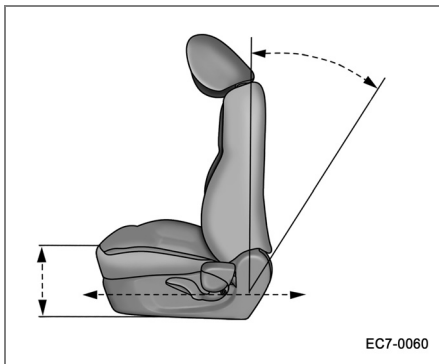
Adjustment of Front Seat and Rear Seat

 Do not adjust the seat while the vehicle is in motion. Otherwise, the vehicle may lose control, which can cause a collision and result in serious injury.

Only adjust the seat when the vehicle is stationary and before wearing the seat belt. Improper adjustment of the seat belt may cause serious injury.

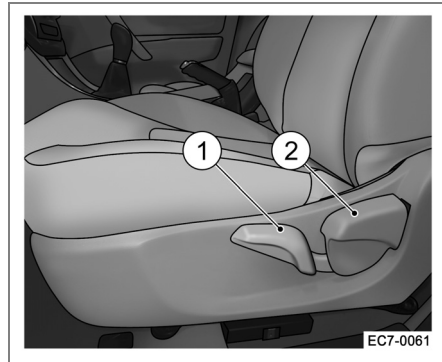
Do not drive with the seat back flat. Otherwise, the shoulder strap of the seat belt cannot be restrained to the chest of the passenger. The passenger may slide out from the lower part of the seat belt and suffer serious injuries during a collision. ◀

Manual Driver Seat



The driver seat can be adjusted in six directions. The adjustment handle and adjustment lever are located on the left side and front side of the seat respectively. A lumbar support adjustment handle is also provided on the right side of the seat, which can adjust the lumbar support forward and rearward.


Seat Back Angle Adjustment



1. Seat cushion height adjustment handle
2. Reclining adjustment handle

When the seat back needs to be adjusted rearward, lift the seat reclining adjustment handle 2 up to unlock the seat back. Press against the seat back rearward with your back lightly to rotate the seat back rearward to the desired position. Then, release the reclining adjustment handle 2 to lock the seat back.

When the seat back needs to be adjusted forward, lift the seat reclining adjustment handle 2 up to unlock the seat back. Move your back away from the seat back slowly until the seat back is rotated forward to the desired position. Then, release the reclining adjustment handle 2 to lock the seat back.

 Do not recline the seat back more than necessary when the vehicle is in motion.

The seat belt is the most effective in a collision only when the driver and front passenger are sitting up straight and well back in the seats.

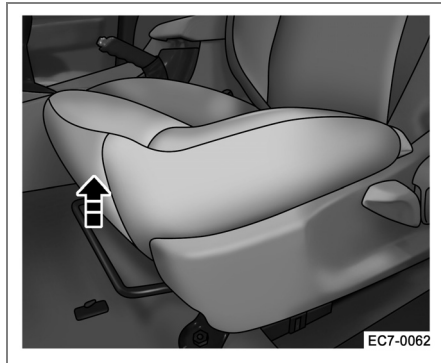
If you lean against the seat, the lap belt may slide past the hips and apply restraint forces directly to the abdomen or your neck may contact the shoulder belt.

If the seat is reclined too much, the risk of death or serious injury may be increased during a frontal collision.◀

Seat Cushion Height Adjustment

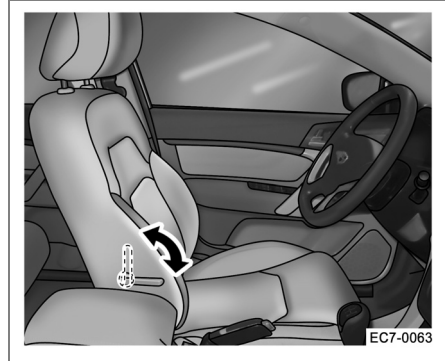
When repeatedly lifting up or repeatedly pressing down the seat cushion height adjustment handle 1, the seat cushion height will be increased or decreased. Release the adjustment handle when the seat cushion is adjusted to the desired height.

Seat Forward and Backward Adjustment



Hold the adjustment lever by its center portion and pull it up. Then, allow your body to press against the seat and slide the seat to the desired position and then release the adjustment lever.

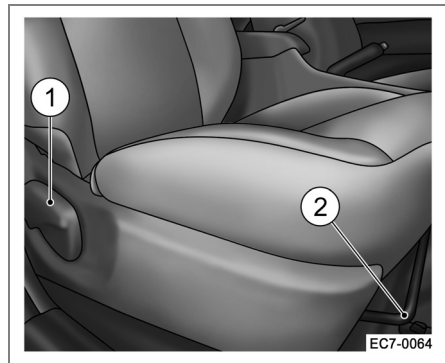
Lumbar Support Adjustment



When the seat lumbar support adjustment handle is rotated in the desired direction, the position of the lumbar support will be changed. Release the adjustment handle when the lumbar support is adjusted to the desired position.

Manual Front Passenger Seat

The front passenger seat can be adjusted in four directions. The difference between 4-way seat and 6-way seat is that the former does not have the upper and lower height adjustment of the seat cushion and the lumbar support adjustment functions.



For the seat forward and backward adjustment and seat back angle adjustment, the adjustment methods of the 4-way seat are the same as those of the 6-way seat.

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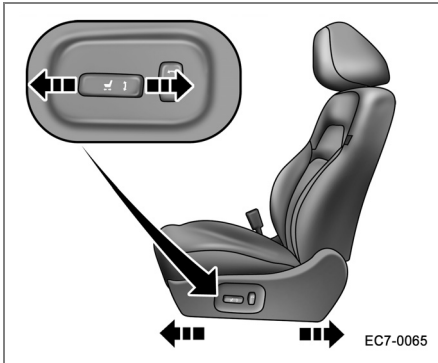
Seat and Restraint System

1. Reclining adjustment handle
2. Seat forward and backward adjustment handle

Power Driver Seat*

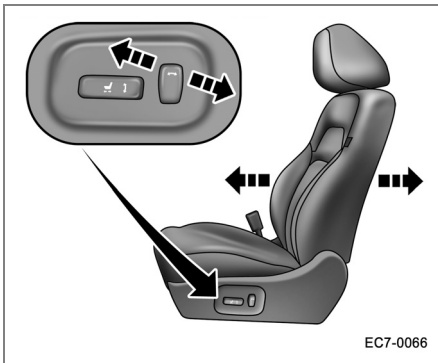
 Do not place objects under the power seat or intentionally prevent the seat from moving. Otherwise, the seat adjustment motor may be damaged. ◀

Seat Forward and Backward Adjustment



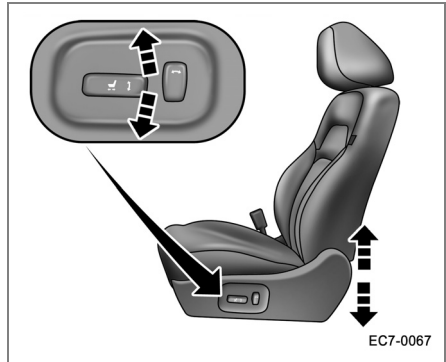
Push the switch in the direction of the arrow to move the seat forward or rearward.

Seat Back Angle Adjustment



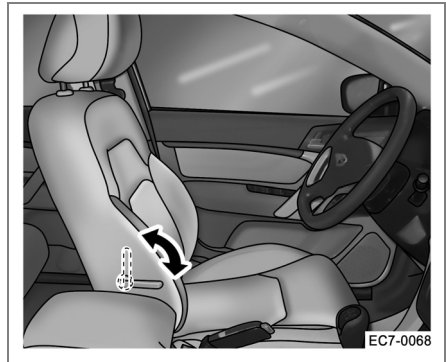
Push the switch in the direction of the arrow to adjust the seat reclining.

Seat Cushion Adjustment



Push the rear portion of the switch in the direction of the arrow to increase or decrease the seat cushion height.

Lumbar Support Adjustment

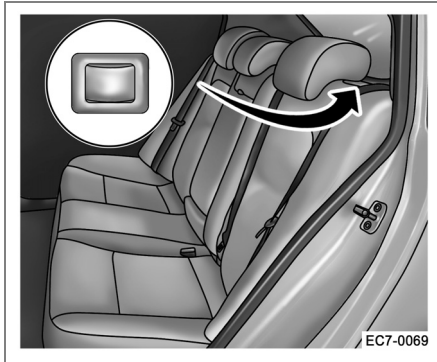


When the seat lumbar support adjustment handle is rotated in the desired direction, the position of the lumbar support will be changed. Release the adjustment handle when the lumbar support is adjusted to the desired position.

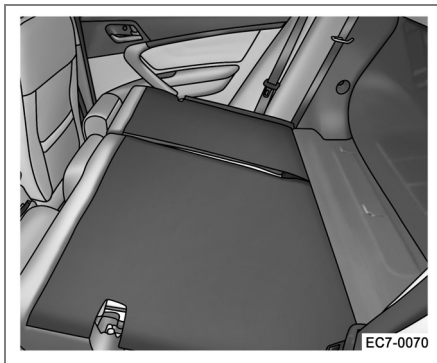
Rear Seat

Folding Down of Rear Seat Back

The rear seats contain rear seat LH and rear seat RH. They have a 4/6 folding function, which can enlarge the luggage compartment and store large items easily.



A folding button is installed on both sides of the rear seat back respectively. The seat back can be folded down by pressing the folding button.



Make sure that there is a gap between the rear seat head restraint and front seat after the seat back is folded down.

Folding Up of Rear Seat Back

Tilt the seat back rearward and push it rearward firmly to lock it.



Do not allow any passenger to sit on a folded seat or in the luggage compartment while driving. The seat should be used normally. When returning the seat back to its original position, the following precautions should be observed to prevent personal injury in a collision or sudden stop.

- Push the top of the seat back forward and rearward to make sure that the seat back is securely locked. Failure to do so will prevent the seat belt from operating properly.
- Make sure that the seat belts are arranged in the proper positions for ready use, rather than twisted or caught under the seats.◀

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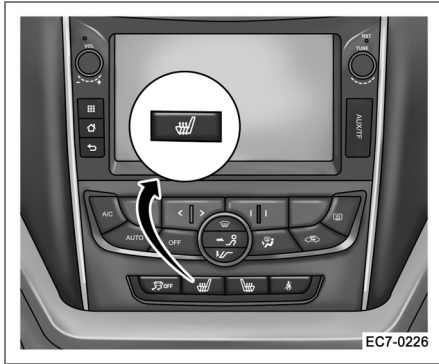
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Front Heated Seat (Export)



The switch allow you to turn on the heated driver seat. When the heated function is ON, the switch is in locked status, and press the switch a second time to turn off the function.



The switch allow you to turn on the heated passenger seat. When the heated function is ON, the switch is in locked status, and press the switch a second time to turn off the function.

Seat Belt

This section explains how to use the seat belt properly. It also explains some precautions for the seat belt.

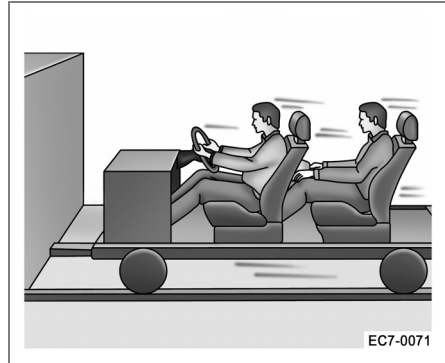
! Never allow anyone to sit on a seat with an unavailable seat belt. In the event of a collision, if you or passengers in the vehicle have not fastened the seat belt, the severity of injury may increase significantly. You may bump into the interior of your vehicle heavily or thrown out. You and a passenger in the vehicle could be seriously injured or even killed. If you have fastened a seat belt, the severity of injury will be reduced if a same collision happens. Therefore, always fasten a seat belt and check if the passengers in the vehicle have fasten their seat belts correctly. ◀

! It is very dangerous to sit in the luggage area, either inside or outside of a vehicle. In the event of a collision, people sitting in the luggage area are more likely to be seriously injured or killed. Therefore, do not allow anyone to sit in any area of your vehicle that is not equipped with seats and seat belts. Be sure everyone in your vehicle sits in place and uses the seat belt properly. ◀

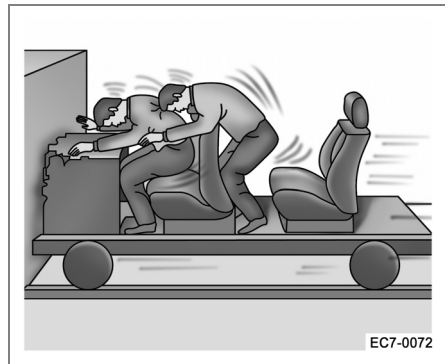
Seat belt unfastening warning light is provided for the vehicle to alert you to fasten the seat belt. Always fasten the seat belt while driving. The reasons are as follows: You can not foresee if you will meet a collision. Even if a collision is met, you can not foresee the severity of the accident. In many of such collisions, the people who have fastened their seat belts can avoid injury, and some of them can even walk away from the accident scene. They could be seriously injured or killed if the seat belts are not fastened. With a history of more than 40 years, the seat belt used on the vehicle has clearly proved that: In most of the collisions, whether the passengers fasten their seat belt or not is very important.

Why Seat Belt Has Protective Effect

When you sit in or on an object, your moving speed is the same as that of the object.



Take the simplest vehicle for example. Assume that this vehicle is a seat with wheels installed. Allow people to sit in it. Speed it up. Then, stop the vehicle. People in the vehicle do not stop.



This people will continue moving forward until blocked by an object. In the vehicle, this object may be windshield, instrument panel or seat belt.

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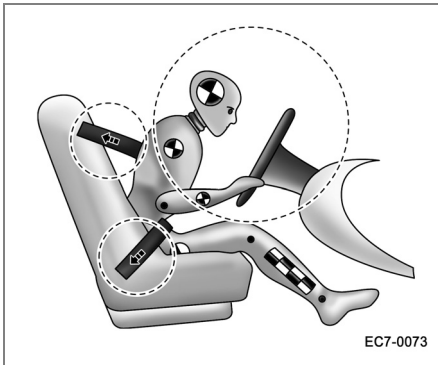
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You can speed down together with the vehicle after the seat belt is fastened. You could have a longer time and distance to stop moving and could resist the impact force with the strongest born in your body. That is why the seat belt is so important.


Correct Seating Posture

Importance of Correct Seating Posture


Correct seating posture is critical for the best protection of the seat belts and airbags. The driver and front passenger seats can be adjusted in many directions based on their physical conditions. Correct seating posture can make sure that:

- The vehicle can be handled correctly, effectively and safely.
- The body can be supported effectively and fatigue driving can be avoided.
- The seat belts and airbags can provide best protection.



 Do not recline the seat more than necessary when the vehicle is in motion, to avoid serious injury. ◀



 Do not allow anyone to put their hands or heads outside the vehicle while driving, as this may cause deadly injuries. ◀





Do not lean forward while driving. You must make sure that there is a sufficient distance between you and the air-bag. ◀

Correct Driver Seating Posture

Correct driver seating posture is critical for safe driving. Reduce the risk of injury for your own safety. We recommend that the driver should make the following adjustments:



- **Steering wheel adjustment:** The distance from the steering wheel to the chest should not be less than 25 cm.
- **Driver seat forward and backward adjustment:** Allows the driver to operate the accelerator, brake and clutch pedals effectively.
- **Head restraint adjustment:** The head restraint should be adjusted correctly based on the driver heights.
- The seat back should be placed in upright position with back well against the seat back.
- Wear the seat belt correctly.

Correct Front Passenger Seating Posture

For your own safety, we recommend that the front passenger should make the following adjustments to avoid the risk of injury:



- The distance from the front passenger to the instrument panel should not be less than 25 cm.
- The seat back should be placed in upright position with back well against the seat back.
- Adjust the head restraint to make the head restraint parallel to the head.
- Wear the seat belt correctly.

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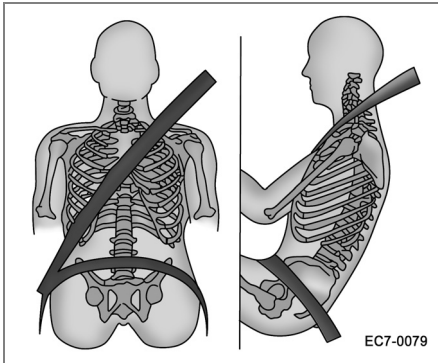
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How to Wear Seat Belt Correctly

This section is only intended for adults.

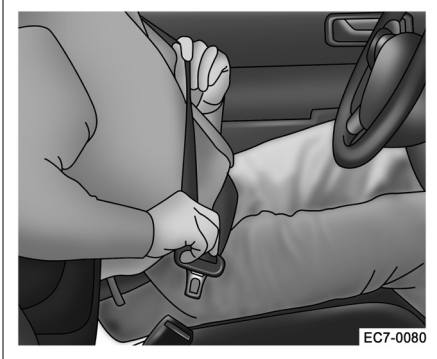


There is some important information that you should know first before you or passengers in the vehicle wearing the seat belts. The seat belts have different protective regulations and special requirements for the children and infants. If the children or infants are in the vehicle, refer to “Older Children” or “Infants” in Section 4 “Seat and Restraint System” and observe the different protective regulations for different people. It is important for all passengers to wear their seat belts.

Accident statistics suggest that the unbelted persons are more likely to be injured than the belted persons in the event of a collision. The unbelted passengers may be thrown out in the event of a collision. In addition, they may hit other belted persons. Sit up straight with feet extended on the floor all the time. The crotch belt portion should be placed as low as possible, snug across the hips and just in contact with the thighs. In the event of a collision, the crotch belt can apply the force to the stronger hip bone and help you reduce the possibility of sliding under the hip belt. If you slide under the crotch belt, the hip belt may apply the force to your abdomen. This may cause serious or even fatal injuries. Extend the shoulder belt over the shoulder and position the belt across the chest. These areas of the body can bear the constraint force of the seat belt best. In the event of a sudden braking or collision, the shoulder belt may be locked.

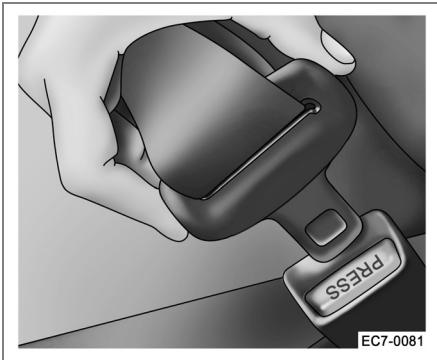
3-Point Seat Belt

3-point seat belts are provided for all sitting positions in the vehicle. The following instructions describe how to wear the 3-point type seat belts correctly.

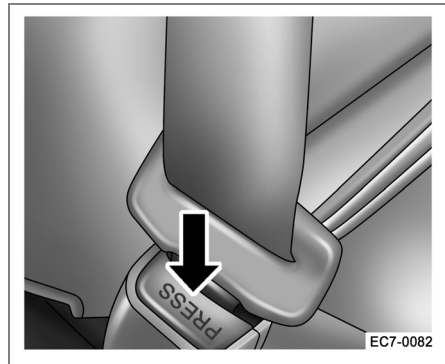


1. Pick up the latch plate and pull the seat belt across the body. Do not allow the seat belt to remain twisted.

If the seat belt is pulled across the body too quickly, the 3-point type seat belt may be locked. If this occurs, allow the seat belt to retract slightly to unlock it. Then, pull the seat belt across the body slowly.



2. Push the latch plate into the buckle until a clicking sound is heard. Pull the latch plate and make sure that it is securely locked. Confirm the position of the release button on the buckle so that you can release the seat belt quickly if necessary. If a shoulder belt height adjuster is provided, move it to a height suitable for you. For instructions for use and important safety information, refer to "Shoulder Belt Height Adjuster" in Section 4 "Seat and Restraint System"
3. The crotch belt portion can be retracted by pulling the shoulder belt up.



4. To release the seat belt, press the red button on the buckle. The seat belt should be retracted to its original state. Make sure that the seat belt is not caught by the door before closing the door. If the door is closed forcibly with a seat belt caught, both seat belt and vehicle may be damaged.

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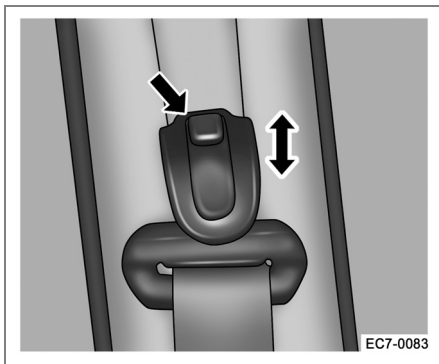
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Shoulder Belt Height Adjuster

This vehicle provides shoulder belt height adjusters on the driver and front passenger seats.

Adjust the height and allow the shoulder belt portion of the seat belt to be centered on the shoulder. The seat belt should be kept away from the face and neck but not so that it could fall off the shoulder. Incorrect adjustment of shoulder belt height may reduce the effectiveness of the seat belt in the event of a collision.



Press the release button as shown and move the height adjuster to the desired position. The adjuster can be moved up by pushing the slider trim board up. After setting the adjuster to the desired position, try to move the adjuster down without pressing the release button to make sure that it is securely locked in place.

Seat Belt Pretensioner

A seat belt pretensioner is provided for the front seat belt of your vehicle. The seat belt pretensioner is a part of the seat belt assembly though it is invisible. It will work in the event of a frontal collision.

The pretensioner can work only once. If the pretensioner has been activated in a collision, it may need to be replaced with a new one. At the same time, other components of the seat belt system may also need to be replaced. Refer to "Replace Components of Seat Belt System after a Collision" in Section 4 "Seat and Restraint System".


Seat Belt Reminder

The vehicle is equipped with the driver and front passenger seat belt reminder light and buzzer to alert the driver and front passenger to fasten their seat belts. Refer to "Instruction of Warning Light and Indicator" in Section 2 "Instrument and Control" for the position of each warning light.

Operation of Warning Light and Buzzer

- When the ignition switch is in a position other than ON, the seat belt warning cannot be triggered regardless of whether or not the seat belt is fastened or not; if the driver or front passenger seat belt is unfastened with the ignition switch ON, the relative warning light will remain on until the seat belt is fastened. When the buzzer is activated, the corresponding warning light will flash simultaneously.

- With the buzzer deactivated, if the driver or front passenger seat belt is unfastened or either fastened seat belt is released when the engine starts and the vehicle speed reaches 25 km/h, the buzzer will be activated until both of the driver and front passenger seat belts are fastened or sound for more than 120 s, and then the buzzer will stop sounding (the sounding of the buzzer does not stop with the change of the vehicle speed).
- With the buzzer deactivated, if the vehicle speed decreases from 25 km/h to less than 10 km/h and increases to 25 km/h again, the seat belt warning will be reactivated.
- With the buzzer activated, when either fastened seat belt is released and the warning condition is met, the buzzer will be reactivated, and the sounding time of the buzzer is counted from the reactive time.
- When the transmission is placed in reverse gear, and then shifted into forward gear again, if the driver or front passenger seat belt is unfastened and the vehicle speed is more than 10 km/h, the buzzer will be activated until both of the driver and front passenger seat belts are fastened or sound for more than 120 s, and then the buzzer will stop sounding.

 Fastening the seat belt correctly helps reduce the risk of an injury during a traffic accident of sudden braking. Therefore, you and the passengers should keep the seat belts fastened correctly while the vehicle is moving.

If an illuminated warning light, relevant alarm and warning instruction are ignored, this may cause serious injuries, vehicle damage or traffic accident. ◀

Seat Belts and Pregnant Women

Seat belts are available for everyone, including pregnant women. Like all passengers, seat belts must also be worn by pregnant women.



Throughout the pregnancy, the pregnant women should wear their seat belts and position the crotch belt portions as low as possible under the round part of the abdominal area. The pregnant women should sit up as straight as possible and keep away from the steering wheel or instrument panel. This can reduce the injury caused by the collision or deployed airbag to the pregnant women and fetus. The best way to protect the fetus is to protect the mother. When a seat belt is worn properly, it is more likely that fetus will not be hurt in a collision. For pregnant women, as for anyone, the key to making seat belts effective is wearing them properly.


Safety System Check

Check the following items of the safety system at regular intervals:

- Check the seat belt warning light, seat belt, buckle, latch plate, retractor and anchorage for proper function frequently.
- Check the seat belt system for any slack or damage components that may affect the normal operation of the seat belt system.
- If the seat belt is broken or worn, replace it with a new one.
- Make sure that the seat belt warning lights operate normally.
- Keep the seat belts clean and dry.

Seat Belt Maintenance

Keep the seat belts clean and dry.

 Do not use bleach or dye on the seat belts. Otherwise, these actions may weaken the intensity of the seat belts. These seat belts could not provide best protection in a collision. The seat belt should be cleaned with mild soap and water only. Do not use the seat belts before they are dry.◀


Replace Components of Seat Belt System after a Collision

After a minor collision, have your seat belt assembly checked or replaced by the Geely Service Station. Even if the seat belt system is not used during a collision, it should also be replaced or repaired.




A collision may cause damage to the seat belt system. Damaged seat belt system cannot protect the user properly, which may cause serious injuries or even death in a collision. To make sure that the seat belt system can operate properly after a collision, check the seat belts as soon as possible and replace them if necessary.◀

Airbag


 Airbags are parts of the passive safety system in the car, which can never replace the seat belts. Otherwise, the seat belts cannot provide best protection in a collision. If you do not wear a seat belt, rapid inflation and deployment of the airbags may cause more serious injuries. Therefore, all passengers inside the vehicle must fasten their seat belts while the vehicle is moving.

The airbags will not deploy in all accidents, depending on the position, angle and severity of collision and nature of the objects being struck. The airbag deploys with considerable force, and can cause facial abrasions or other injuries if the passenger is very close to the airbag. To reduce the injuries when the frontal airbags are inflated and deployed, the driver and front passenger should move the seats as far back as possible without affecting the normal driving and comfort, to keep a sufficient distance from the frontal airbags.◀

 Make sure that there no obstacles in the deployment path of the airbag. Do not put any objects between the passengers and airbags. If there are obstacles between the passengers and the airbags, the airbags could not be inflated properly or the obstacles could be squeezed into the bodies of the passengers, causing serious injuries.


The airbags become hot after deployment. Do not touch them until they have cooled down.

When the airbags are deployed, some gases and dusts will be released. These gases are non-toxic, but may irritate your skin and eyes. If you suffer serious discomfort, see a doctor. ◀

 Do not attempt to service, repair, remove or replace any component of the airbag system. Otherwise, the system may not operate.

Do not add or modify the airbags. Do not attempt to modify the vehicle structure and the wire routing of the airbag system.

The airbags must be replaced after deployment, as the deployed airbags cannot protect you subsequent collisions.◀

 Improperly restrained and protected infants and children can be killed or seriously injured by an inflating airbag. An infant or child who is too small to use a seat belt should use a child safety seat. Geely strongly recommends that all infants and children should sit in the rear seats and properly restrained. The rear seats are the safest for infants and children.◀

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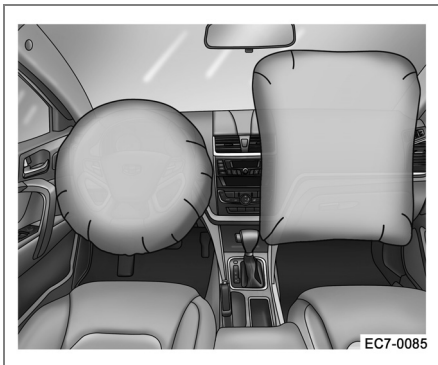
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Locations of Airbags


Frontal (Driver and Front Passenger) Airbag System

In the event of a frontal collision, the frontal airbags can effectively protect the driver and passenger in the vehicle from head and chest injuries caused by a frontal impact.

When the vehicle is subjected to a moderate to severe frontal collision or a near-frontal collision, the airbags will be filled with gases to reduce the forward movement speed of the front driver and front passenger and stop them from hitting the steering wheel and instrument panel directly if the activation condition of the system is met.




The two frontal airbags are installed in the center of the steering wheel and the instrument panel above the glove box respectively and marked with words "SRS AIRBAG".


 The frontal airbags are designed neither for rear collision, minor frontal collision, or vehicle rollover, nor for sudden braking.

The airbags are inflated and deflated within a very short time, and cannot protect you in subsequent collisions.

To provide best protection of the airbags, drivers and passengers must wear their seat belts properly and keep correct seating posture. ◀

 Do not place any objects or pets in front of the instrument panel or console box or on the steering wheel pad of the airbag system. They may interfere with deployment of the airbags or cause the passengers seriously injured or killed due to the strong impact generated when the airbags are deployed. Also, do not place any objects in the arms or on the knees of the driver and front seat passengers.

Do not modify, remove, knock or open any component or line of the frontal airbags, such as steering column cover, front seat passenger airbag cover, front seat passenger airbag and electronic control unit of the airbags. Any action described above may cause sudden inflation of the airbags or cause unavailability to the system, resulting in serious personal injuries or even death. ◀

 Do not sit on the edges of the seats or lean against the instrument panel while the vehicle is in use, because the front seat passenger airbag could inflate with considerable speed and force. When the airbags are inflated, anyone leaning against or very close to the airbags may be killed or seriously injured. You must keep at least 25 cm away from the airbags.

Never allow the front passenger to sit on the front passenger seat with a child held in arms, as the child may be squeezed between the passenger and the instrument panel in a sudden stop or a collision and cause serious injuries. In case of a severe collision, the airbags will be deployed and

cause serious injuries to the child, or even death.

Do not allow the baby to stand up or kneel on the front passenger seat, because the front inflatable airbag could inflate with considerable speed and force. Otherwise, the baby may be killed or seriously injured. ◀

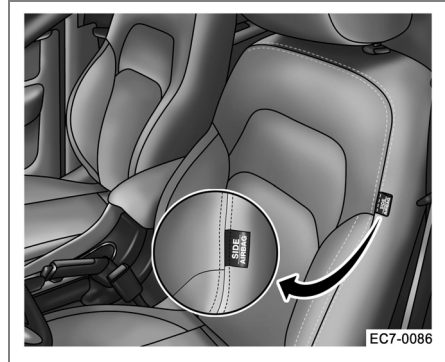
▶ Contact your Geely Service Station as soon as possible, when the following situations occur:

- The airbag has been deployed.
- The front of the vehicle was involved in a collision that was not severe enough to cause the airbag to deploy.
- The covers of the driver and passenger side airbag assemblies are cracked, scratched, or otherwise damaged. ◀

Side (Side and Curtain) Airbag System

The side airbags and side curtain airbags are designed to provide extra protection for the driver, front seat passenger and rear outside seat passengers by supplementing the seat belts. The side airbags operate with the seat belts by inflating in the event of a moderate to severe side collision to reduce the risk of personal injury. The side airbags can primarily help reduce the risk of chest injury to the driver or front seat passenger and the side curtain airbags can primarily help reduce the risk of head injury to the driver, front seat passenger and rear outside seat passengers. The side airbags and the side curtain airbags on the passenger side can operate, even if there is no passenger sitting in the front passenger seat or the rear seats.

Side Airbags*



The side airbags are installed in the seat backs of the driver seat and front passenger seat; the seat backs are marked with the words “SRS AIRBAG”.

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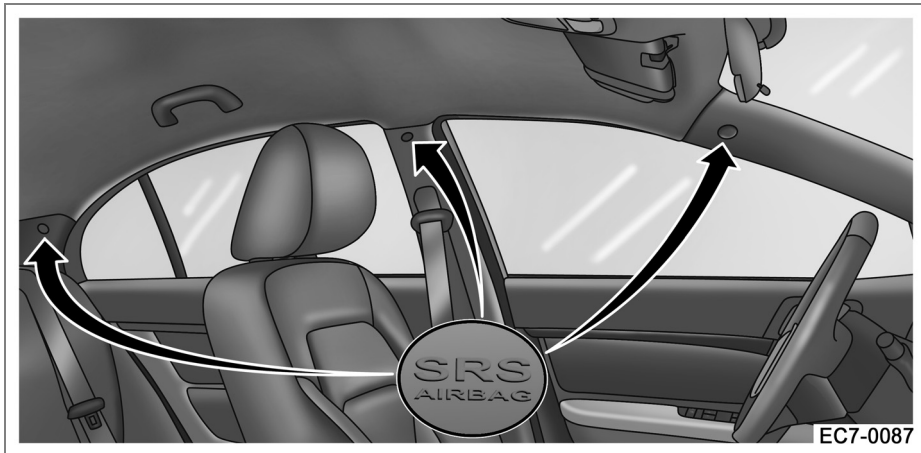
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Side Curtain Airbags*



The side curtain airbags are installed above the left and right doors in the vehicle, and marked with the words "SRS AIRBAG".

 Do not allow the head get close to the deployment areas of the side airbags or side curtain airbags while the vehicle is moving, because the side airbags and side curtain airbags could deploy with considerable speed and force. Otherwise, this may cause serious injuries or even death to the passengers. Exercise particular care, especially when there are children in the vehicle. Do not allow the children to kneel on the passenger seats toward the doors, because the side airbags and side curtain airbags could deploy with considerable speed and force. Otherwise, this may cause serious injuries or even death to the children.

Do not put your head or hands outside the window, because the side airbags and side curtain airbags could deploy with considerable speed and force. Otherwise, this may cause serious injuries or even death to passengers. ◀

 Do not attach any ornament to the surrounding areas of the side curtain airbags, such as the windshield glass, door glass, side pillars or sides of the roof, or attach microphone or any other device to the interior of the roof and the assist grip. These objects may be thrown out by the strong deployment force at the time of airbag deployment and cause personal injuries or interfere with the proper operation of the side curtain airbags. Do not install seat covers on the seats with side airbags. The seat covers may interfere with the proper operation of the side airbags. ◀

▶ Contact your Geely Service Station as soon as possible, when the following situations occur:

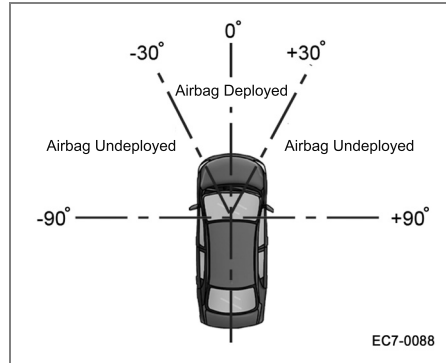
- The side airbags and the side curtain airbags have been deployed.
- Part of the door was involved in an accident that was not severe enough to cause the side airbags and the side curtain airbags to deploy.
- The front pillars and rear pillars containing the side curtain airbags inside or the roof side rail garnishes are scratched, cracked, or otherwise damaged. ◀

▶ Do not perform any of the following modifications without consulting the personnel of Geely Service Station. In some circumstances, these modifications may interfere with the proper operation of the side airbags and side curtain airbags.

- Installation of electronic devices such as mobile two-way radios, cassette tape players or CD players.
- Modification of suspension system.
- Modification of side of the passenger compartment.
- Repair of bracket or its surrounding. ◀

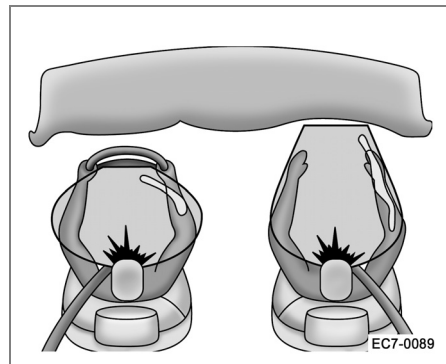
Deployment of Airbags

Deployment of Frontal Airbags



The frontal airbags may deploy when the vehicle is subjected to a severe collision from the front at an angle of ± 30 degrees.

⚠ To reduce the risk of the injuries caused by airbag deployment, always wear the seat belt. In addition, the driver and front seat passenger must adjust their seats and keep a sufficient distance from the frontal airbags. ◀



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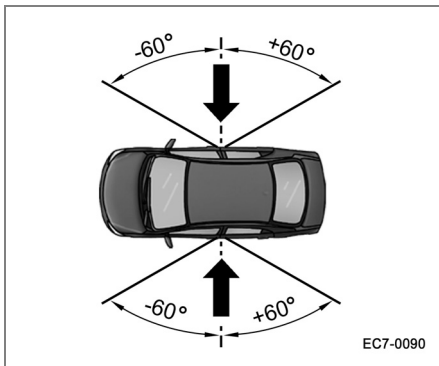
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Seat and Restraint System

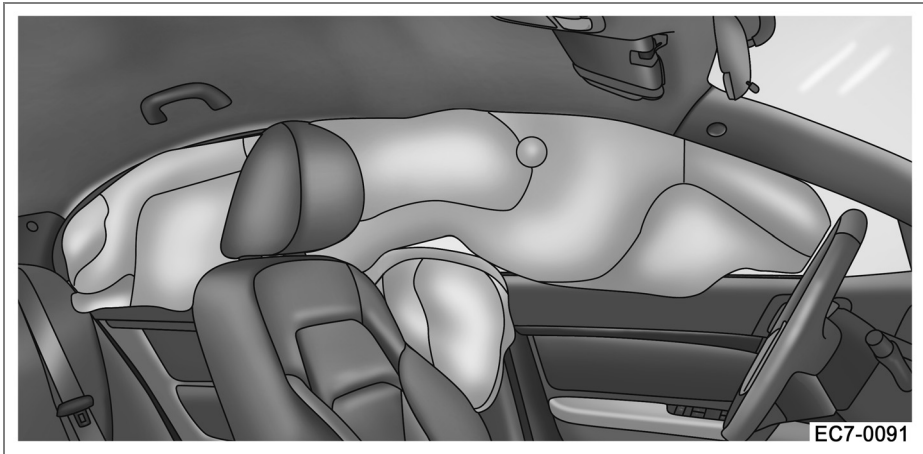
In the event of a collision, the airbag control unit monitors the deceleration caused by a collision to determine if the airbags should be deployed. Whether the airbags operate or not depends on the involved objects, the direction of the collision and how fast the vehicle decelerates due to the collision, rather than the vehicle speed. The deployment of the airbags should not be judged from the extent of the vehicle damage. In the event of severe frontal collision, both of the frontal airbags will be deployed.

Deployment of Side (Side and Curtain) Airbags*



The front side airbags and the side curtain airbags may deploy when the vehicle is subjected to a severe collision from the side at an angle of ± 60 degrees.

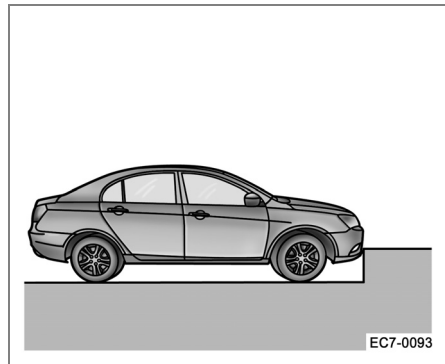
This can significantly reduce the injuries of the upper body and pelvis in case of a side collision.



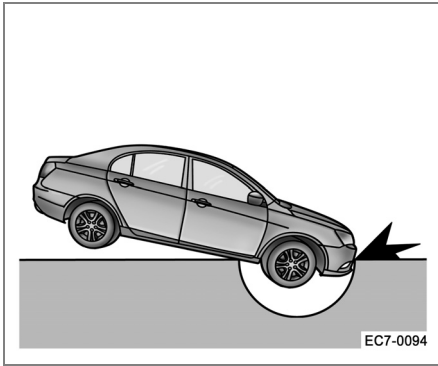
Types of Collisions that May not Deploy the Frontal Airbags



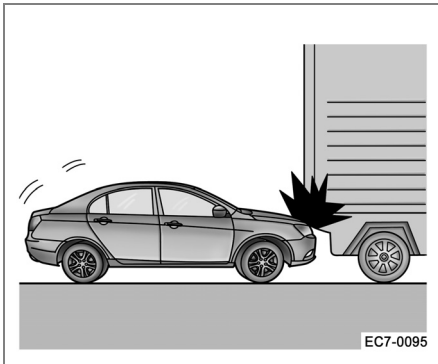
- The vehicle is not started.
- When the vehicle hits objects that deform easily, such as trees.



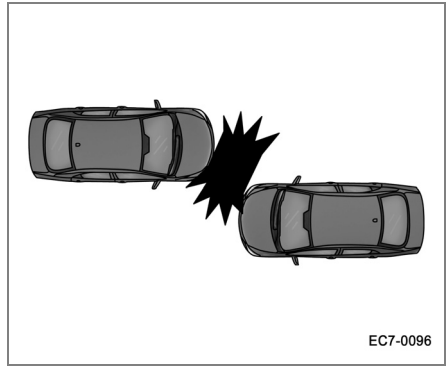
- When the vehicle in motion hits low objects, such as steps.



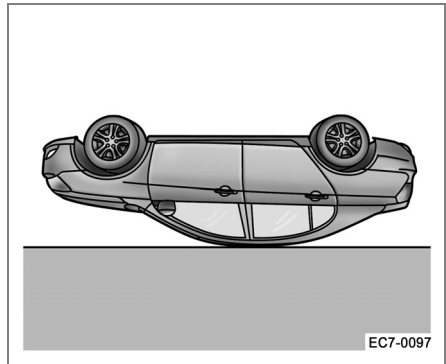
- When the vehicle falls into a deep pit or a deep hole.



- When the vehicle is involved in a collision in which the front of the vehicle “underrides”, or goes under, the bed of a truck.

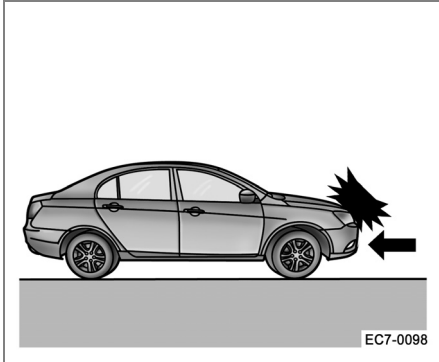


- When the vehicle hits a parked vehicle with the same weight from the front.
- When the hitting direction and hitting point deviates from the center of the vehicle more than 30 degrees.

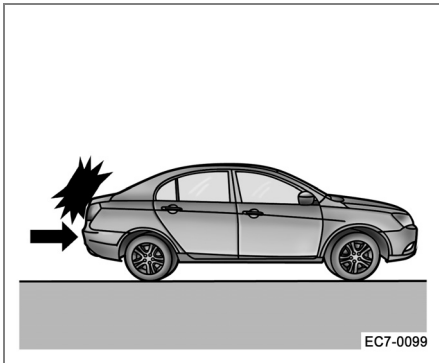


- Rollover.
- Side collision, rear collision or minor frontal collision.
- The airbag system suffer malfunction.
- Other special cases

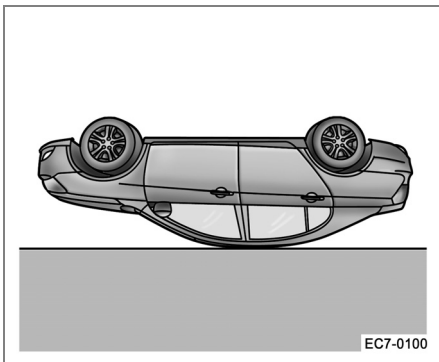
Types of Collisions that the Side (Side and Curtain) Airbags May Not Be Deployed



- Frontal collision or near-frontal collision.




- Rear collision.



- Rollover.

- Minor side collision ("minor" is only for the sensing of airbag ECU or the impact sensor of the vehicle, regardless of the extent of the vehicle damage.).
- The airbag system suffer malfunction.
- Other special cases.

Airbag warning indicator

 Do not attempt to service, repair, remove or replace any component of the airbag system. Otherwise, the system may not operate. ◀

An airbag ready indicator is provided for the combination meter on the instrument panel, which is marked with a symbol of the airbag. The system can check if there is a malfunction in the electrical system of the airbag. The indicator can indicate if there is an electrical malfunction. Refer to "Instruction of Warning Light and Indicator" in Section 2 "Instrument and Control" for the position and meaning of each warning light.

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Replace Components of Airbag System after a Collision

 A collision may cause damage to the airbag system in the vehicle. If damaged, the airbags can neither operate properly, nor protect you and the passengers in a collision, causing serious injuries or even death. To make sure that the seat belt system can operate properly after a collision, check the airbags as soon as possible and replace them if necessary. ◀

Replace the components of the airbag system if the airbag has been deployed. Please go to the Geely Service Station for repairing.

If the airbag ready indicator remains on when the vehicle is started or turns on while driving, the airbag system may not operate properly. Bring your vehicle for repairing immediately.

Disposal of Vehicle

When reselling your vehicle, make sure that the new owner has already known that the vehicle is equipped with airbags and the date when the airbag system is replaced.

In the event of that your vehicle must be disposed of, be sure to have the undeployed airbags deployed in a certain environment safely by a qualified personnel before you scrap your vehicle, as the undeployed airbags poses potential danger.

Child Restraint System

Older Children

The child who has outgrown and can no longer be properly restrained in a child safety seat should wear a seat belt.



The weight and height limits of the child safety seat are explained in the manufacturer's instructions provided along with the child safety seat. Before passing the following suitability test, the child should use the child safety seat with the crotch/shoulder belt.

- Sit in the seat as far back as possible. Can the child sit with knees bent at the edge of the seat? If YES, continue. If NO, use the child safety seat.
- Buckle the 3-point type seat belt. Is the shoulder belt positioned on the shoulder of the child? If YES, continue. If NO, use the child safety seat.
- Is the crotch belt placed as low as possible, snug across the hips of the child and just in contact with the thighs? If YES, continue. If NO, use the child safety seat.
- Can the child stay seated like this for the whole trip? If YES, continue. If NO, use the child safety seat.

Question: What is the correct way to wear the seat belt?

Answer: The older child should wear a crotch/shoulder belt and obtain extra restraint provided by the shoulder belt. The shoulder belt mustn't be positioned across the face or neck. The crotch belt should snug across the hips and just in contact with the upper part of the thighs. This can apply the force of the seat belt to the pelvis of the child in the event of a collision. Do not wear the crotch belt across the abdomen, as this may cause serious or even fatal internal injuries in the event of a collision. According to accident statistics, the children and infants are safer when properly restrained in the child or infant restraint systems on the child rear seating positions. The unbelted children may hit the other belted persons or be thrown out in a collision. The older children should use a seat belt properly.



! Never wear a seat belt like this. Do not allow the shoulder belts to be pressed under the backs of the children when the children wear the seat belts. Wearing crotch/shoulder belts improperly may cause serious injuries to the children. In such cases, the shoulder belt could not protect the children in a collision. The children may strike forward heavily, increasing the risk of head and neck injuries. The children may also slide under the crotch belts. The force of the seat belts may be applied to the abdomen directly. This may cause serious or fatal injuries. Extend the shoulder belt over the shoulder and position the belt across the chest. ◀



! Never wear a seat belt like this. Two children should never be belted into a single seat belt. If so, the seat belt could not distribute the impact force correctly. The two children belted together may crash into one another in a collision and be severely injured. Each seat belt must be used for one person only at one time. ◀

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Infants


Everyone in the vehicle needs to be protected. This includes the infants. Neither the distance of the travel nor the ages or shapes of the travelers can change this requirement. It is necessary for everyone to use safety restraints.

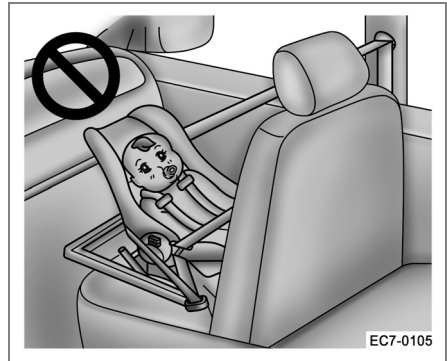
 If the shoulder belt becomes twisted around a child's neck, the child may be seriously injured or strangled when the belt is retracted continuously. Do not leave children unattended in the vehicle and do not let children play with the seat belts. ◀


The airbags, in combination with the crotch/shoulder belts can provide protection for the adults and older children. However, this is not so for the infants. The seat belt system and airbag system of the vehicle is not designed for protecting the infants and children. Proper child restraint devices shall be used each time the infants are on the vehicle to protect them.

The improperly restrained child may hit other persons or be thrown out of the vehicle.



 Never wear a seat belt like this. Never hold infant or child in your arms while riding. Nobody could be able to hold them during a collision, as the infant or child may become very heavy as a result of the impact of a collision. For example, if a collision occurs while the vehicle speed is only 40 km/h, a force of 110 kg may be applied to the arms of the holder suddenly by a 5.5 kg infant. The infant should be restrained into a suitable restraint system. ◀



 Never wear a seat belt like this. If the children are snug against the airbags or too close to the airbags, they may be seriously injured or killed when the airbags inflate. Never place a rear-facing child restraint on the front seat RH. The rear-facing child restraint should be secured on the rear seat. Securing the forward-facing child restraint on the rear seat is preferred. ◀



To reduce the risk of neck or head injuries in a collision, the infant should be supported fully. This is because the neck of the infant has not developed fully and the weight of his/her head is heavier than other parts of the body. In a collision, the infant in the rear-facing child restraint device can sit there securely, with the impact force dispersed to the strongest parts of the infant, i.e., the back and shoulder. The infant should always be secured in the rear-facing child restraint.

The hip bones of the baby are still small, and the common seat belt of the vehicle could not be positioned on the lower part of the hip bones. And it may move up and adhere to the abdomen of the baby. In a collision, the seat belt may apply a force to this area of the body. However, there is no bone structure to protect this area. This alone may cause serious or fatal injuries. To reduce the risk of serious or fatal injuries in a collision, the baby should always be secured in a suitable child restraint. ◀

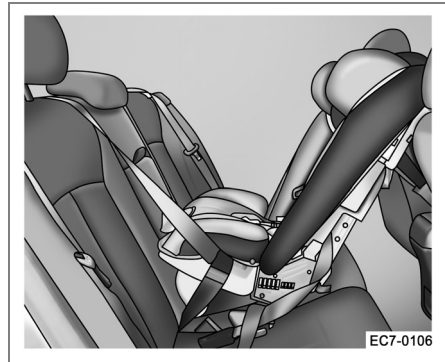
Child Restraint System

Selection of Child Restraints

Child restraints are classified into the following 5 groups according to the regulation ECE No.44:

- Group 0: Up to 10 kg.
- Group 0+: Up to 13 kg.
- Group I: 9 to 18 kg.
- Group II: 15 to 25 kg.
- Group III: 22 to 36 kg.

Rear-facing Infant Seat



The rear-facing infant seat provides protection by keeping seat surface snug against the back of the infant.

The restraining band system can position the infant in place, so the infant can still sit in the safety device in a collision.

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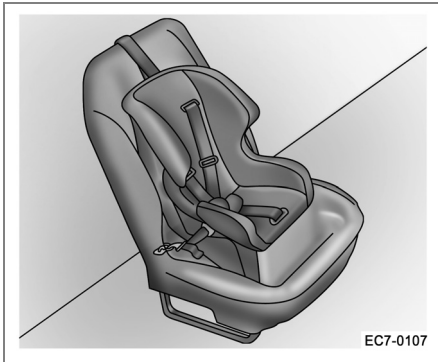
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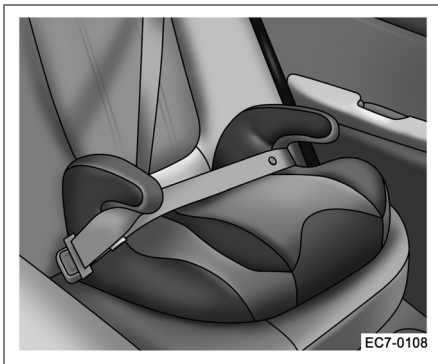
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Forward-facing Child Seat



The forward facing child seat provides protection by using restraining bands to restrain the child.

Booster Seat



The booster seat is a kind of child restraint system, which is designed for improving the suitability of the vehicle seat belt system. The booster seat also allows the child to see the scene outside the window.

Installation Position of Child Restraints

According to accident statistics, the children and infants are safer when properly restrained in the child or infant restraint systems on the child rear seating positions.



Therefore, we suggest that the child and child restraint should be secured on the rear seat, including infant or child sitting in rear-facing child restraint, child sitting in forward-facing child protection seat, older child sitting in child safety seat and child who has outgrown and can use a seat belt. A label on the right end plate of the instrument panel indicates that "Never allow the child to sit in the front seat with face rearward". This is because that a great risk might be brought to the child who sits with face rearward.

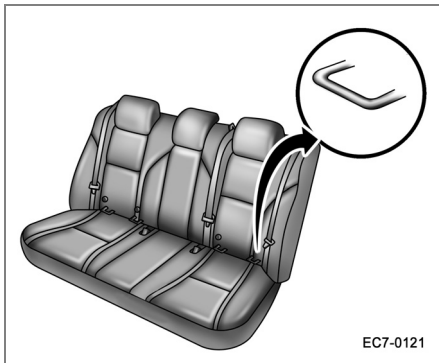
⚠ If the passenger airbag inflates, the child sitting in the rear-facing child restraint may be seriously injured or even killed. This is because that the back of the rear-facing child restraint is too close to the inflated airbag. Please secure the rear-facing child restraint on the rear seat. ◀

When securing the child restraint on the rear seating position, read the instruction provided along with the child restraint to make sure that it is suitable for this vehicle. No matter where the child restraint is installed, make sure that the child restraint is correctly secured.


Remember that the unsecured child restraint may move and hit the persons in the vehicle in the event of collision or sudden braking. Always keep the child restraint correctly secured in the vehicle, even if there is no child.

Installation of ISOFIX Child Restraint

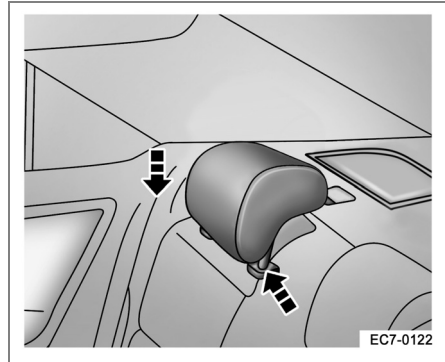
Installation of Forward-facing Child Seat



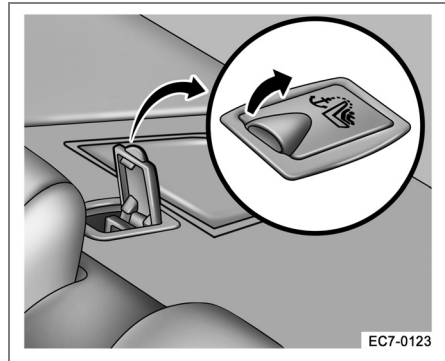
The child restraint is installed on the rear seat with special anchorages which conform to ISO regulations. The anchorages are installed on the left and right gaps between the cushions and backs of the two rear seats. The child restraint which conforms to ISO standard can be secured with these special anchorages. In this case, it is not necessary to use a seat belt to secure the child restraints.

 Consult the manufacturer of the child restraints to confirm if the Child Restraints is suitable for this kind of anchorages. ◀

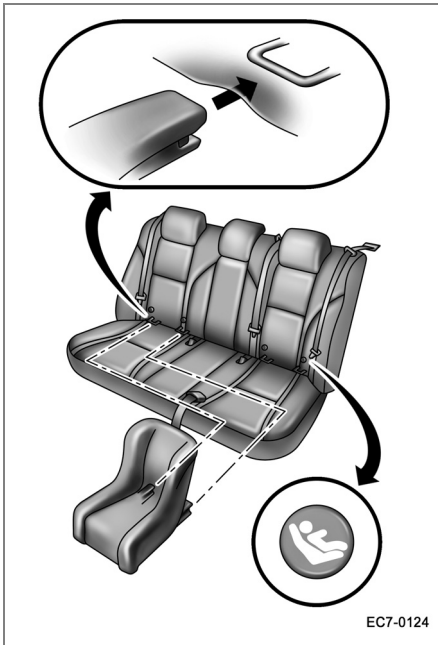
Follow the procedure below to install a child safety seat which needs a top tether.



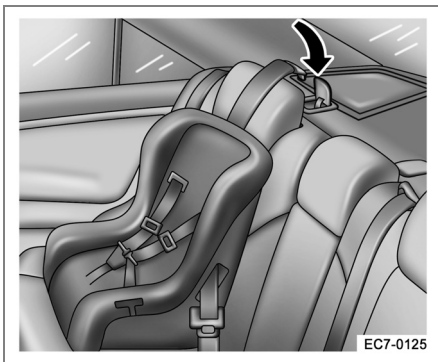
1. Lower the head restraints to the lowest position.



2. Open the cover of the anchorage lever.



3. Widen the gaps between the cushions and seat backs to confirm the positions of ISOFIX anchorages near the belt buckle.
4. Align the ISOFIX anchorages of the child safety seat with the corresponding ISOFIX anchorages behind the seats and insert.
5. Check if the snaps are correctly locked.



6. Latch the buckles onto the anchorage levers.

⚠ Verify that the top tethers are buckled tightly and push and pull the child restraint in different directions to check if it is secured. Follow all installation instructions provided by the manufacture. ◀

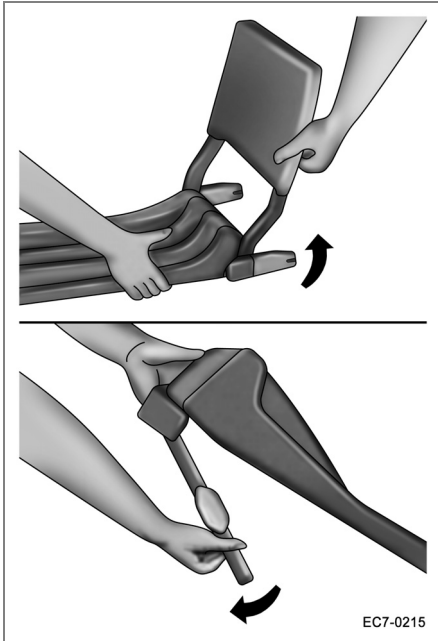
⚠ Improper installation of a child restraint to the ISOFIX anchorages can lead to failure of the restraint. The child could be badly injured or killed in a collision. Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.

Child restraint anchorages are designed to withstand only those loads imposed by correctly-fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.

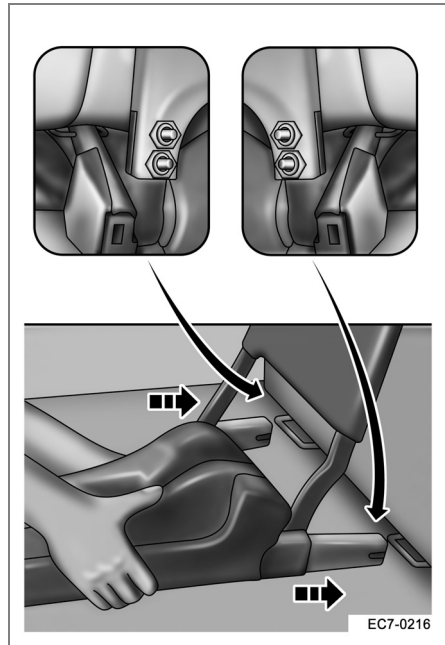
Install the child restraint system when the vehicle is stationary. The ISOFIX child restraint system is correctly fixed to the brackets when you hear the click. ◀

Installation of Rear-facing Infant Seat

The rear-facing infant seat is installed by ISOFIX anchorages in a rearward facing way. The rear-facing infant seat is a restraint system with a support leg and a top tether, used for the vehicle equipped with ISOFIX anchorages and top tether anchorages. Refer to "Forward-facing Child Seat" in Section 4 "Seat and Restraint System" for the locations of the ISOFIX anchorages.



1. Pivot the back panel of the ISOFIX base to make the ISOFIX snaps horizontal to the bottom of the base. Pull out the support leg at the same time to make it vertical to the bottom of the base.



2. Locate the ISOFIX anchorages at the rear of the seat cushion and insert the ISOFIX snaps into the anchorages. The infant restraint system is correctly fixed to the anchorages when you hear the click.

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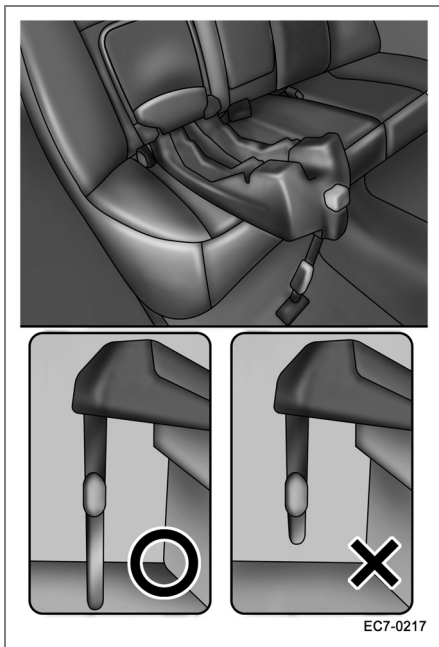
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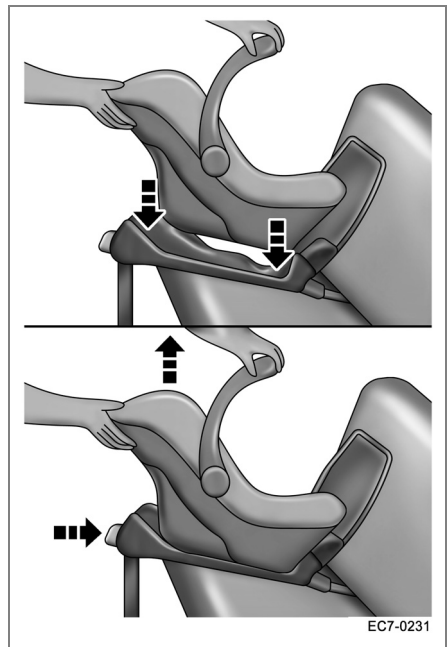
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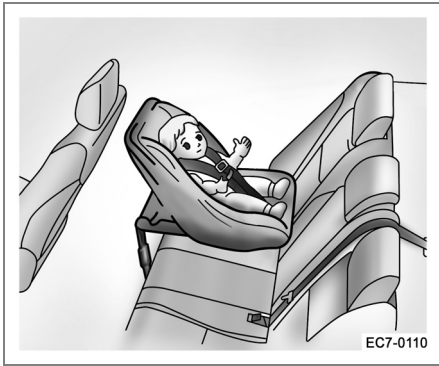
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3. Make sure the support leg is vertical against the floor, and test that the support leg is installed tightly by pulling back and forth on the leg sideways.



4. Press the button on the base to snap the two metal bars under the child seat into the base, then release the button. Make sure the child seat is securely fitted and can not be pulled out.



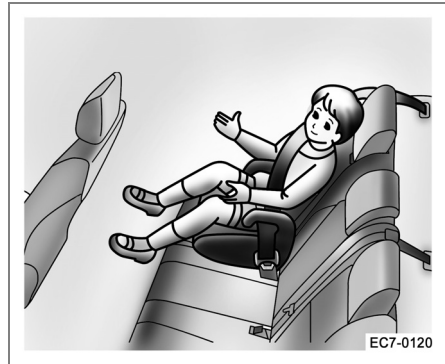
5. Place the infant in the child seat and buckle the infant up.

⚠ Improper installation of a rear-facing infant seat to the ISOFIX anchorages can lead to failure of the restraint. The child could be badly injured or killed in a collision. Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.

Child restraint anchorages are designed to withstand only those loads imposed by correctly-fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.

Install the child restraint system when the vehicle is stationary. The ISOFIX child restraint system is correctly fixed to the anchorages when you hear the click. ◀

Installation of Booster Seat



Allow children to seat on the child restraints. According to the instructions provided by manufacturer, pass the crotch and shoulder belts through or around the child, and insert the latch plate into the buckle. Make sure that the belts are not twisted. Verify that the shoulder belt is passed through the shoulder of the child, and the crotch belt is as low as possible and snug across the child's hips. Refer to "Seat Belt" in Section 4 "Seat and Restraint System" for details. Press the buckle release button when the child restrain needs to be removed. Allow the seat belt to retract, and then the seat belt will return to the general function.

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Verify that the shoulder belt is positioned across the center of the child's shoulder. The belt should be kept away from the child's neck, but not so that it could fall off the child's shoulder. Failure to do so may reduce the protection performance of the shoulder belt when an accident occurs, causing serious injuries. If the crotch belt is placed too high and the seat belt is installed slackly, the lap belt may slide down in the event of a collision or other accidents, causing serious injuries. Therefore, the crotch belt should be kept as low as possible and snug across the child's hips. For the child's safety, do not place the shoulder belt under child's arm.◀

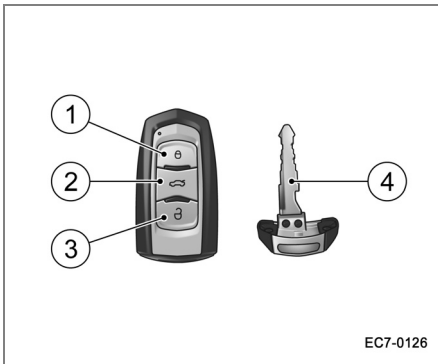
Key and Anti-theft System

Key


The key provided to you has programmed the safety system of your vehicle. The key without programming your vehicle can't start the engine. If the key is lost or damaged, you can only obtain its replacement from the Geely Service Station.

If your key is lost or stolen, please immediately contact the Geely Service Station to cancel its ability to start the engine. If your key is found, you can ask the Geely Service Stations to reactivate its functions.

NOTES: The new key is not available to you at once, because the dealer needs some time to program the new key with your vehicle.

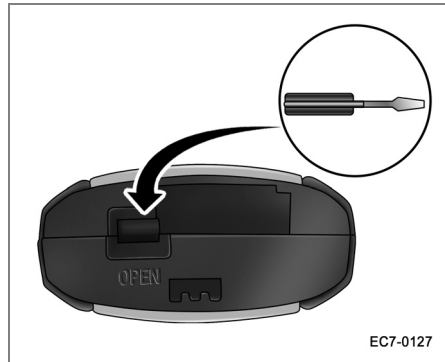


1. LOCK button
2. Truck lid release button
3. UNLOCK button
4. Mechanical emergency key

 Please keep your spare keys in a safe place rather than in the vehicle.

Don't hang the spare keys in the same key ring, for the electronic jamming of the built-in anti-theft chip is likely to make the key system and anti-theft system out of work, making the vehicle unable to be started. ◀

Replacement of Remote Control Battery



When the remote control distance of your key remote control is very small or the key remote control fails to control your vehicle, as well as the remote control key is not identified by your vehicle due to low battery, it is necessary to replace the batteries in the remote control.

Open the cover of the remote control with a small screwdriver as indicated.



After opening the cover of the remote control, replace the batteries with new ones and pay attention to keep the positive electrode of the batteries down.

Model of Remote Battery: 3V, CR2025.



Since there are some precision circuits in the remote control, it is necessary to avoid shock, water, high temperature, moist, direct sunlight and the erosion of the solvent, wax and abrasive cleaner.◀

Anti-theft System

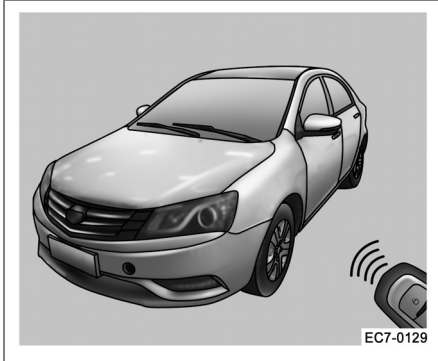
Engine Anti-theft System

This vehicle is equipped with the passive anti-theft system. The system does not need to be activated or deactivated in manual. When pressing the "Start" switch, the effective remote control is identified by the engine system, the engine disabled system will be automatically relieved.

If the remote control of the remote control door lock seems not to be damaged, try to use other remote controls. Alternatively, you can try to get the remote control close to the "Start" switch. If you can't start the engine with both methods above, your vehicle needs to be repaired. Please contact the Geely Service Station which can repair the anti-theft system to duplicate a new key. Don't leave the remote control or the equipment which can cancel or disable the anti-theft system in the vehicle.

Lock and Unlock

Remote Control



EC7-0129

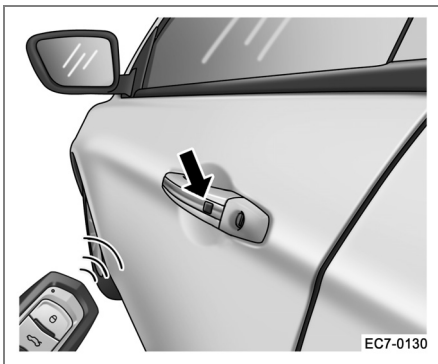
The remote control can only work within the certain range. Pay attention that the working range is sometimes affected by the physical, geographical and other factors. For the safety, when you want to lock the vehicle door with the remote control, please check whether the operation is effective.

Keyless Entry System

Keyless Unlocking

So long as there is a legal remote control within 1.6m around the vehicle, just pull the handle of the front door, the door will be unlocked and opened automatically.

Keyless Locking



EC7-0130

Turn off the ignition switch, and flip the sensor zone on the side of the driver or the handle of the front passenger side door with your thumb before the door is closed so as to lock four doors. You do not need to press the LOCK button on the remote control.

Close the doors, liftgate / truck lid and engine hood, flip the sensor on the handle of the front side door or LOCK button on the remote control to lock the doors (press LOCK button once), and the turn signals flash once. The system will enter the pre-warning state from the anti-theft relief state (3 seconds) The anti-theft indicator lights flash rapidly. During this time, if a door, liftgate / truck lid or the engine hood is opened, the system will always stay on arming state. Otherwise, 3 seconds later, the system will automatically be transferred to anti-theft warning state. The anti-theft indicator lights flash slowly at this moment.

If the doors, liftgate / truck lid or engine hood is not fully closed, the turn signals will flash three times, and then the system will enter an alert state, at the same time, the anti-theft horn will chime twice every 2 seconds, and the system will enter the anti-theft arming status 10 seconds later. If you press the LOCK button within 10 seconds, the system will stay on the alert status and then enter the alarm cycle 10 seconds later. If you press UNLOCK button on the remote control within 10 seconds, the system will enter the alarm state from the alert state. In the alarm state, if you press UNLOCK button again, the system will stop the alarm cycle and relieve the anti-theft alarm state. If you press the LOCK button, the system will enter the alert state again.

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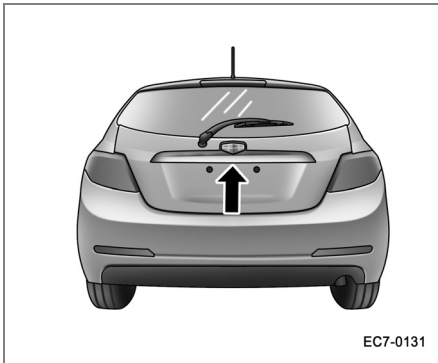
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Remote Control Locking and Unlocking

Press the UNLOCK  button on the remote control once to unlock four doors, at the moment, the turn signals flash three times to confirm the operation; while the interior lights grow brighter and the position lights twinkle. Press the LOCK  button on the remote control once to lock four doors, at the moment, the turn signals flash three times to confirm the operation; while the interior lights eliminate gradually and the position lights are off. Press and hold the truck lid release button  for more than two seconds, you can open the truck lid (Sedan) or unlock the liftgate (Hatchback).

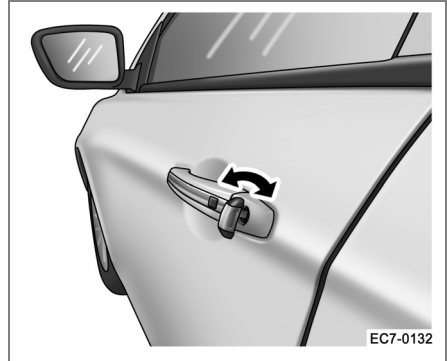


After the liftgate (Hatchback) is unlock, pull the handle as indicated to open the liftgate.

 Don't let any child enter the luggage compartment. When the vehicle is left untended, make sure the trunk is closed. Children who are trapped in the truck may not be able to escape. Such entrapment may result in suffocation and heat stroke.◀

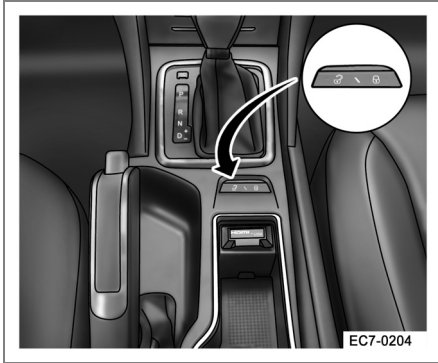
Locking or Unlocking with Key


Take out the Mechanical key from the remote control according to the following steps:




1. Press the button on the left side of the remote control, and simultaneously take out the mechanical key from the remote control.
2. Insert the key into the driver door lock. Turn the key clockwise to lock the door or turn the key counterclockwise to unlock the door.

Vehicle Interior Locking or Unlocking



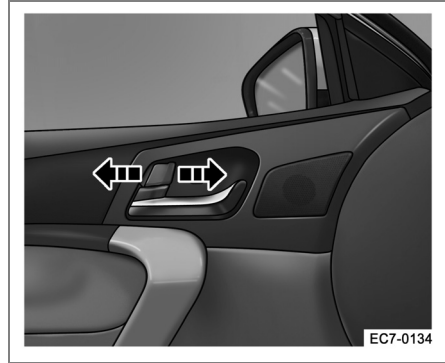
When you press the LOCK button , all doors are locked and the left and right turn signals flash once.

The vehicle interior locking operation should be performed only when both four doors and the liftgate / truck lid are closed.


When four doors are locked, all doors can be unlocked by pressing the UNLOCK button .

NOTE: The vehicle interior central unlocking operation can only be performed in the anti-theft disarm state, otherwise the unlocking operation will be invalid.

Interior Locking or Unlocking Single Door



Press the LOCK button forward to unlock the door and press this button backward to lock the door.

 When the front door on the driver side is opened, the interior locking button can't be pressed. ◀

Automatic Lock Function

Automatic Relocking

If during 15s after the remote control unlocks the vehicle, any item of the engine hood, four doors, liftgate / truck lid is not opened, the doors will be relocked automatically. The interior lights are off, the system is in arming status.

Driving Automatic Locking

The vehicle is equipped with the speed automatic locking function. When the ignition switch in "ON" position and the speed is more than 10km/h for 3s, the four doors are locked automatically.

NOTE: The function can be enabled or disabled by the Geely Service Station.

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Automatic Locking of RearDoor (Hatchback)

The rear door will be locked automatically 1.5s after the door is closed.

Key in Vehicle Reminder Unlocking

When the ignition switch is OFF, and the system receives the unlocking demand for reminding the key left in the vehicle from the keyless system, four door will be unlocked and the interior lights will come on gradually.

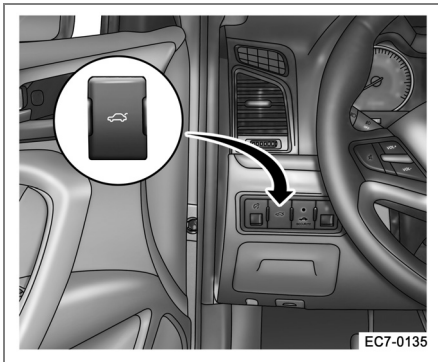
Unlocking in a Collision

If the vehicle has a serious frontal collision when driving, the four doors will automatically unlock to facilitate the occupant to escape from the vehicle quickly.

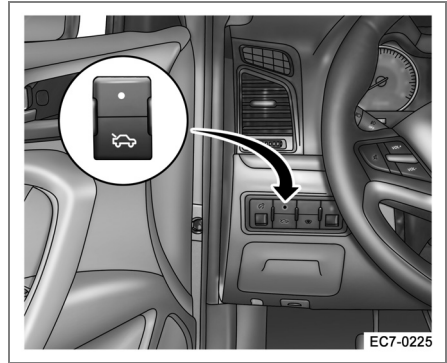
Automatic Unlocking

After the vehicle is locked automatically, when you stop your vehicle and turn off the engine, the doors will be unlocked.

Interior Opening Trunk Lid (Sedan) and Liftgate (Hatchback)



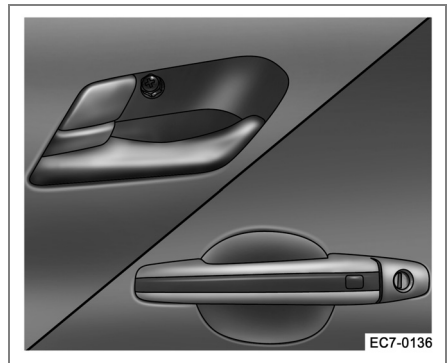
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Press and hold the indicated button over one second to open the trunk lid / liftgate from the inside of the vehicle.

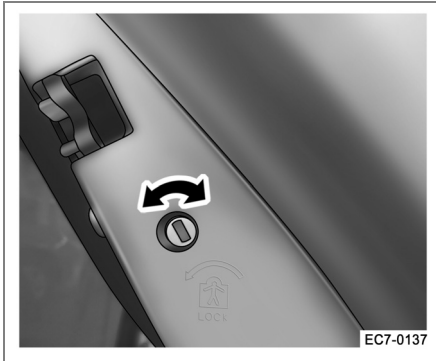
NOTE: *The interior luggage compartment unlocking can only be performed in the anti-theft disarm status, otherwise the unlocking operation will be invalid.*

Door Handle




In the door unlock state, you can open the doors through the internal or external door handle.

Child Safety Lock



The left and right rear doors are equipped with the child safety locks. When there is a child on the left or right rear seat, please apply the child safety locks.

The child safety locks are on the side edges of rear doors, as shown in the figure, insert the mechanical key into the child safety lock and rotate to left; at this moment, the child safety locks are on the "ON" position, so the doors can't be opened inside, they can only be opened outside the door so as to guarantee the child's safety.

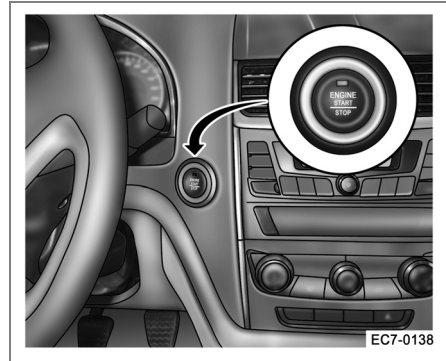
 For safety, after setting the child safety locks, be sure to check whether the doors can be opened inside to ensure that the child safety locks work normally. ◀

Door Ajar Alarm

After the engine ignition, if you find the engine hood, four doors or liftgate / truck lid is not closed correctly, the system will give an sound alarm to the driver to prevent the vehicle from accidentally being opened when moving.


Starting and Driving

Ignition Switch (Keyless Start)



Your vehicle is equipped with a electronic keyless push-button ignition switch. The remote control should be located in the vehicle to keep the system running.

OFF: This position can get the engine turned off. When the ignition switch is in OFF and you press the clutch pedal (MT) or the brake pedal (CVT), the indicator light turns green and you can press the start button once to start the vehicle directly.

 If the push-button ignition switch doesn't work, your vehicle may be too close to the strong radio antenna signal, which will interfere the remote control door lock system. ◀

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ACC (orange light) : This position allows you to use the radio, windshield wipers and other electrical accessories after the engine is turned off. When the engine is turned off, you can press the button again, and not press the clutch pedal (MT) or the brake pedal (CVT) to keep the ignition switch in the ACC position. When the ignition switch is in ACC and you press the clutch pedal (MT) or the brake pedal (CVT), the indicator light turns green and you can press the start button once to start the vehicle directly. When the ignition switch is in ACC , and the shift lever is in N position (MT) or P position (CVT), you can press and hold the start switch for more than 10 seconds to start the vehicle without pressing the clutch pedal (MT) or the brake pedal (CVT).


 If the ignition switch is still in the ACC position after the engine is turned off, it will consume the battery power. If the consumption of battery power is too long, you may fail to start your vehicle.◀


ON (orange) : When the switch is in the ACC position, you can press the button again, and not press the clutch pedal (MT) or the brake pedal (CVT) to get the ignition switch in the ON position. Press the button again to get the ignition switch back to the OFF position.

START: The position is used for driving and starting vehicles. When the engine is turned off, you can press the clutch pedal (MT) or the brake pedal (CVT), and then press and release the button to start the engine. When the ignition switch is in the START position, the engine will continue to crank until it starts running. For more information, see " Starting Engine" section in Chapter 5 "Starting and Driving".

Starting Engine

If you want to start the engine, you must press the clutch pedal (MT) or the brake pedal (CVT).


 After changing the engine oil, oil filter or turbocharger of the turbo engine, or the vehicle parked for a long period, you should crank the engine several times to pre-lubricate the turbocharger before starting the engine. The inlet of the turbo should have oil pressure within 3 to 4 seconds after the engine starts, in order to prevent the damage to the bearing system of the turbo due to lack of lubrication. When the engine has just started, you should idle the vehicle for several minutes (30 s at least) before full loads are applied to ensure the proper lubrication.◀


 The engine is designed to work with the electronic devices inside the vehicle. The additional electrical components or accessories can change the engine performance. Therefore, please consult Geely Service Station before installing electrical equipment. Otherwise the engine may not work properly. Any damages resulting from this will not be covered under your vehicle warranty.◀

Starting Procedure (Keyless Start)

1. Your vehicle is equipped with the keyless start system, so you can press the clutch pedal (MT) or the brake pedal (CVT), and then press the ignition switch button on the instrument panel. When the engine is started, please release the button. After warm-up, the idle speed of the engine will decline. Don't increase the engine speed immediately after starting the engine. Gradually operate the engine and the transmission so that the engine oil can be preheated and lubricate all working parts. If the key remote control is not in the vehicle or suffers some disturbances, the driver information center will indicate the hint that the key is not in the vehicle. For more information, see "Vehicle Standby Starting Procedure" section in Chapter 5 "Starting and Driving". If the batteries in the key remote control need to be replaced, please refer to the "Replacement of Remote Control Battery" section in Chapter 5 "Starting and Driving". Your vehicle is equipped with the computer control start system. This function will assist to start the engine and protect components.

As long as all starting conditions are met (engine anti-theft is deactivated, brake pedal (CVT) or clutch pedal (MT) is pressed), PEPS will be output for 15 seconds after the ignition switch is pressed until the system is started successfully. If it cannot be started successfully after 15 seconds, PEPS will disconnect the start relay automatically to prevent the starter from overheating. It is not necessary to press and hold the ignition switch during starting.

 After the start failure, if you immediately press the ignition switch button again to start the engine for a long period of time, it will cause the start motor to overheat and do damage to the motor, therefore, the start time interval should be at least 15 seconds to cool down the starter.◀

 If the instrument panel still shows "Please depress the brake pedal" or "Please depress the clutch pedal" after the clutch pedal (MT) or brake pedal (CVT) is depressed, you can use the emergency starting method or directly press and hold the ignition switch for 15 seconds, and then drive the vehicle to Geely Service Station for repair.◀

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2. If the engine can't be started within 5~10 seconds, especially in cold weather (under -18°C), it may be the result of too much gasoline poured into the engine. Try to fully press the accelerator pedal and hold it. At the same time, press the ignition switch button for 1 to 2 seconds. The start time interval should be at least 15 seconds to cool down the starter. After starting the engine, please release the accelerator pedal. If the vehicle is started and then turned off at once, please implement the same operations. In this way, the extra gasoline in the engine can be cleaned up. Don't increase the engine speed immediately after starting the engine. Gradually operate the engine and the transmission so that the engine oil can be preheated and lubricate all working parts.

Backup Starting Procedure of Vehicle

When the vehicle is in a strong signal interference region, and the power of the key remote control battery is insufficient, or the keyless start function fails, if you try to start the vehicle and press the ignition switch button, the instrument cluster may prompt "Not Detect Smart Key", by this time you can't start the vehicle through press-button type start procedure.

Please follow the steps below to start the vehicle:

1. Keep the remote control as close as possible to the ignition switch button.
2. press the clutch pedal (MT) or the brake pedal (CVT).
3. Press the ignition switch button to start the engine.



Scope of application of the standby start procedure:

- The key remote control batteries use up and are not replaced in time.
- When the vehicle is in a strong signal interference, you can get the vehicle off this zone through the use of standby start procedure so as to restore the normal function of the keyless start procedure.◀

After replacing the batteries and getting the vehicle off the interference zone, if the keyless start procedure still cannot be in normal use, please go to the Geely Service Station for maintenance.

If Engine Fails to Start


Before inspection, be sure to start the vehicle in accordance with the correct start procedure in the "Starting Engine" section, and confirm whether there is enough fuel.

Even if your vehicle is equipped with the electronic anti-theft system, you also need to check whether other keys can also start the engine. If other keys can start the engine, your keys may go wrong. Hand over your keys to the Geely Service Station for maintenance. If all your keys fail to start the engine, the system may have a malfunction. Please contact the Geely Service Station for maintenance.

If your engine can't run or run at too slow speed:


1. Check whether the battery terminal is screwed down tightly and clean.
2. If the battery terminal is in good condition, please turn on the interior lights. When starting the engine, if the interior lights are not on, dark or off, it indicates the battery power has run out, and you can try to start the engine in the jumper start way, as shown in "Jumper Start" section in Chapter 6 "Faults in Driving".

If the lights are normal, but the engine can't be started, the engine needs to be adjusted or repaired. Please contact the Geely Service Station for maintenance.


 Don't use a trailer or cart to start the vehicle, otherwise when the engine is started, it may cause a collision or damage to the vehicle, leading to the overheating of the catalytic converter and causing a fire.◀ If the engine runs at a normal speed, but the vehicle can't be started:

1. Since the repetitive starting will cause the engine to be flooded, you can try to fully press the accelerator pedal and then start the engine.
2. If the engine still can not start, it is necessary to adjust or repair the engine. Please contact the Geely Service Station.

Driving

 Do not use the "Acceleration - Shut down - Coast in NEUTRAL" manners to operate the vehicle with the turbo engine. When the engine is suddenly shut down under the full load and high temperature conditions, the oil pump will stop working, causing the engine oil unable to bring away the heat in the turbo components, resulting in damage to the turbo due to overheating.◀

New Vehicle Break-in

 The break-in period of the new engine is designed to improve the surface quality and friction wear status of the moving parts so as to prolong the service life and save fuel. After buying a new vehicle, the user should perform break-in operation according to the following requirements. If the break-in period is 5000 kilometers, you should comply with the following simple main points during the initial stage use:

- You should avoid flooring the accelerator when starting and driving.
- During the break-in period, you should drive your vehicle on a flat road surface and avoid driving on the muddy or sandy road.
- Avoid idling of the engine.
- Avoid a sharp acceleration.
- Avoid emergency braking within the first 300 km.
- When the manual transmission is in high gear position, do not drive the vehicle too fast or too slow, but at the appropriate speed.
- Do not drive the vehicle at the same speed for a long time, regardless of high speed or low speed.

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- Do not tow the tail of the vehicle within the first 800km◀

Parking on Flammable Materials



If there are some flammable materials under the vehicle body, once these materials contact the high temperature parts, the materials may catch fire. So never park your vehicle on paper, leaves, hay or other flammable materials.◀

Economical Driving

In different driving modes, the fuel consumption difference can reach 10%-15%. For energy conservation and environmental protection, please drive in an economical manner.



To a safety premise, please obey the traffic rules, and don't interfere with others and the public traffic order.◀

1. Smooth starting and accelerating

When starting and accelerating, the fuel consumption is quite high. When driving, you should avoid flooring the accelerator to start or speeding up the vehicle as much possible. A smooth starting or accelerating contributes to the fuel saving.

2. Keep the economical travel speed.

The economical speed refers to the speed of 40 to 60 km/h on the general roads and that of 80-100 km/h on the highway. To a safety premise, please drive at the constant economical speed to save more fuel.

3. Avoid unnecessary braking.

Keep a safe following distance with the front vehicle and avoid the frequent braking; slow down at the red lights and let the vehicle coast with the general press the accelerator, please avoid slamming on the brakes.

4. For a long time parking, please turn off the engine

Driving at the idle speed can also consume the fuel. In traffic jams or a long red light situations, if it takes more than 1 minute for parking, turn off the engine: The fuel saved in just 30 to 40 seconds is much more than the fuel required for restarting the engine.

5. Keep the vehicle with the low wind resistance.

Opening the window when driving at a high speed will increase significantly the vehicle wind resistance, leading the higher fuel consumption. So when the speed is higher than 80 kilometers per hour, please close the windows.

6. Keep a proper tire pressure.

Make a regular check to the tire pressure, for the too low tire pressure will increase the tire rolling resistance, which will lead to higher fuel consumption.

7. Turn on the air conditioner as little as possible; the air conditioning operation will increase significantly the engine load. Please turn on the air conditioner when necessary. When driving at a low speed, you can open windows for ventilation. Running the air conditioner in the internal circulation mode will be more energy efficient.

8. Reduce vehicle loads.

The addition of one kilogram extra load will increase the fuel consumption, so please regularly clear off the unnecessary luggages on the vehicle.

9. Take a regular maintenance.

A regular maintenance in accordance with the relevant provisions can make your vehicle in good condition. The good engine running state is beneficial not only to improve the safety of driving, but also to reduce the fuel consumption.

10. Plan an appropriate running route.

Optimize the route and try to avoid the traffic jam road segment. This will not only save your time, but also reduce the fuel consumption.

11. Don't change the tire sizes at will.

The use of bigger or wider tires will result in higher fuel consumption.

Driving with Cautions

Driving with cautions means "Be ready to cope with unexpected situations". To fasten your seat belt is the first step of driving with cautions.



Assuming that other road users (pedestrians, cyclists and other drivers) may be careless and make mistakes, you should predict what they will do and get ready.◀



Keep the enough distance between your vehicle and the vehicles ahead. Pay attention to driving. The distraction of the driver may cause crashes, resulting in injuries or deaths. These simple careful driving skills could save your life.◀

Drunk Driving

Drunk driving is very dangerous. Even small amount of alcohol can affect the person's reactivity, perception, attention and judgment. Drunk driving may cause serious or even fatal collisions. Don't drink and drive or ride in vehicles driven by the driver drank wine. Please take a taxi to go home, or in the case of many counterparts, designate a person not drunk to drive.◀

Alcohol can affect a driver in four aspects: judgment, muscle coordination, vision and attention. According to the statistics, almost 40% of all causes of deaths are associated with motor vehicles are related to alcohol. In most cases, the cause of death is the driver's drunk driving. The most obvious solution to eliminate the highway potential safety hazards is to let the driver never drink and drive. Medical researches have shown that alcohol in the human body can make collision damage more serious, especially to the brain, spinal cord or heart. It means that the possibility of the death or permanent disability of the drunk- driver or passengers in a collision accident will be higher than those who don't drink.

Vehicle Control

The following three systems can help you control the vehicle while driving: braking system, steering system and accelerating system. Sometimes when driving on snow or ice surface, the adhesion force provided by the tire and road is far lower than the one required by the control system. It means that you might lose the control of vehicle. The equipped non-original attachment may affect the vehicle performance.

Parking

When you need to stop the vehicle with the turbo engine under high speed and full load conditions, avoid immediate shutting down the engine, but gradually decrease the speed and load. Idle the engine for 3~5 minutes to prevent the damage to the turbo due to lack of lubrication and overheating. Avoid idling the engine for a long time (no more than 20 minutes).◀

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Catalytic Converter

The exhaust system is equipped with the catalytic converter, which can transfer CO(Carbonic Oxide), HC(Hydrocarbon compounds), NOx and other noxious gas from the automobile exhaust into the harmless carbon dioxide, water and nitrogen by oxidation and reduction.

Improper use can do damage to the catalytic converter, so you should pay special attention to the following requirements to reduce the possibility of damage.



The exhaust temperature is very high, please don't park on the site with the hay, leaves or other combustible materials contacting the vehicle exhaust system, for those materials may cause fires in dry climates.◀



For the engine missing of ignition, lower power, joggling or other faults will cause the serious damage to the catalytic converter.◀



Please go to the Geely Service Station for maintenance according to the provisions in "Care and Maintenance Manual".◀

Fuel Requirements

- Only the recommended fuel can be used, as shown in "Recommended Oil and Capacity" section in the Chapter 8 "Technical Data".
- Don't let the fuel of the vehicle run out, or it will cause the engine on fire and damage to the catalytic converter.

Starting Requirements

- Don't start after several start failures, but overhaul as soon as possible.
- Don't try to repeatedly press the accelerator pedal to aid starting, when the engine fails to start.
- Don't push or tow start the vehicle.

Driving Requirements

- Don't overload or overspeed the engine.
- Don't switch off the engine when the vehicle is on the gear.
- If the engine loses power when driving, check the engine immediately.
- Don't remove the spark plug or ignition coil when the engine is in operation.
- Don't drive the vehicle on the terrain where it is easy to hit the bottom of the vehicle.

Engine Exhaust Emission

Alarm

Exhaust Emission Control

Device

- In conformity with the provisions, use the unleaded gasoline and the engine oil in keeping with rules. The lead in gasoline and impurities in the engine oil may do damage to the catalytic converter.
- If the vehicle is towing started, the distance should be no more than 50 meters, otherwise when the unburnt fuel enters the catalytic converter, the converter will be damaged due to overheating.

Engine Exhaust

- When you park your vehicle in the garage, with the engine not turned off, don't close the garage door in order to guard against the carbon monoxide poisoning and even death.
- When you detect that the vehicle exhaust gas may enter the vehicle, be sure to find the reasons and try to handle it immediately.
- If you can't park it temporarily, you should open all the windows.
- When the engine is under the poor operation condition, the catalytic converter may be damaged.

- When you find that the engine fails to run smoothly and it is difficult to carry out the cold start of engine, please go to the Geely Service Station for maintenance.
- When the catalytic converter works, the operating temperature is very high, so be sure not to keep the flammable adhered or close to the case of the catalytic converter.



Avoid inhaling exhaust gases from the engine. The carbon monoxide contained in the waste gas is a colorless and odorless gas, which will lead to loss of consciousness and even death.

Be sure that there is no air leaking hole or parts with loose connection in the exhaust system. Make a regular check to the exhaust system. If the driving vehicle crashes on something, or you detect that the exhaust pipe changes, check it immediately.

Except when pulling the vehicle into the garage or pulling the vehicle out from the garage, do not run the engine in the garage or in a closed location. Because if the exhaust cannot escape, it will cause serious danger.

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Don't park the vehicle for a long time with the engine running. However, if necessary, you should park your vehicle in an open place, and adjust the heating system or air conditioning system to let the outside air enter the vehicle.

Keep the luggage compartment door closed when driving, for the opened or partly closed luggage door will lead to exhaust entering the vehicle.

In order to make the ventilation system of the vehicle work properly, you should keep the air inlet grille of the front windshield be free from snow, the leaves or other obstacles.

If you smell the gas in the vehicle, open the window and close the luggage compartment door when driving. Immediately find out the fault position and handle it at the same time.◀

Fuel system

Gasoline Requirements




Use unleaded gasoline having a minimum Research Octane Number (RON) of 92 or above. The use of low grade of gasoline would cause serious damage to the catalytic converter.◀


The use of the recommended fuel is important for maintenance of vehicles in a right way. To keep the engine clean and obtain the best performance of the vehicle, you should use unleaded gasoline with RON 92 or above. If the octane is less than RON 92, you may hear the knockings from the engine when driving, such noises generally refer to spark knockings. If that happens, please use unleaded gasoline with a minimum RON of 92 or above as soon as possible. Even when using the gasoline with RON 92 or above, if you can still hear the serious knockings, the engine needs to be serviced. Some fuels contain a type of octane improver called manganese (MMT). We don't suggest you use this kind of fuel containing MMT.

Carbon Deposit Cleaner in Fuel System

The carbon deposit cleaner in fuel system can improve the driving performance of the vehicle and the gasoline cleaning performance, removing the deposits in the fuel injector, intake valve, combustion chamber and the oil system so as to prevent internal carbon deposit of the engine and other effects; besides, the cleaner can also contribute to keep the good condition of the engine, improving combustion efficiency, reducing automobile fuel consumption, and prolonging the service life of the engine.


 Please use the carbon deposit cleaner in fuel system approved by the Geely Automobile. It is not allowed to add any additive not authorized by the Geely to the gasoline.◀

Your location may supply the gasoline containing the oxygenated compounds (such as aether and ethanol) and reformulated gasoline. If the gasoline complies with the specifications describes above, we recommend that you use this type of fuel. However, fuel containing E85 (85% ethanol) and other ethanol with the content more than 10% should not be used in the vehicle not designed for these fuels.

 This vehicle is not designed to use the fuel containing methanol. Don't use fuel containing methanol. The methanol will cause the corrosion of metal parts in the fuel system, and also do damage to plastic and rubber parts. The damage caused by using methanol fuel does not under the warranty scope.◀

Some non-low emission fuel may contain a type of octane improver called manganese (MMT). Please ask whether the fuel contains MMT when purchasing. We don't suggest you use this type of fuel. Fuels containing MMT can reduce the service life of the sparking plug and have an impact on the performance of the emission control system. The fault indicator lights may be illuminated. In the event of such situation, please go to the Geely Service Station for maintenance.

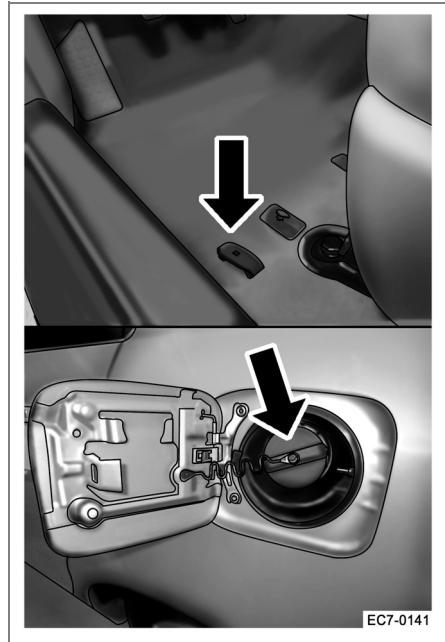
Safety Precautions in Gasoline Station

 The gasoline is highly flammable and is easy to explode in the airless space.◀

Pay attention to the following items when you fuel up your vehicle :

- Stop the engine.
- Don't smoke or use the open flame.
- Don't use mobile phones.
- Avoid the fuel overflow.
- Do not fuel up excessively.

Fuel Filler and Adding Fuel



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The filler door is on the left rear side of the vehicle. The filler door can be opened only in the unlock status. Lift the gas filler doors release lever (on the driver's side floor) to open the filler door. The tethered filler cap is located in the filler door. If you want to remove the filler cap, turn the filler cap counterclockwise slowly. Keep the filler cap clamped between the bracket on the filler door when fueling up.



The fuel vapor is highly flammable and if the fuel is on fire, it can cause serious injury. To prevent yourself and others from injury, please read and follow the instructions of the gas station for refueling. Turn off the engine when refueling. When you get close to fuel or give the vehicle refueling no smoking. Be sure to keep the gasoline away from the spark, open fire and smoking objects. Never leave the gas pumps unattended when refueling your vehicle. Keep the children far away from the gas pumps; don't let a child fuel up.◀



If you unscrew the filler cap at too high speed, the fuel may splash on you. If the fuel spills out and is lit, you will be severely burned. If the excessive fuel is filled into the fuel tank, the spilling may happen, especially in the hot weather. Slowly unscrew the filler cap; if you hear the hiss sound, waiting until the sound stops. And then unscrew the filler cap.◀

Be careful not to let fuel spill out. Don't fill too full or make the fuel overflow the tank. After shutting down the gas pump, wait a few seconds and then remove the fuel nozzle. If the fuel splashes on the paint surface, you should wipe it away as soon as possible.

When reinstalling the filler cap, screw the filler cap clockwise until you hear clicks. And then make sure the filler cap has been completely closed. If the filler cap is not closed fully, the fuel will be evaporated into the atmosphere. Close the cap fully.



If the gasoline catches fire when you fuels up, it is not allowed to pull out the fuel nozzle. You must turn off the gas pump or notice the staff of the gas station to cut off the oil flow. Leave the scene immediately.◀



Please close the filler door when the cap lock pin is unlocked, otherwise it may cause the cap to work abnormally.◀




If you need to replace it with a new filler cap, be sure to choose the right type. It is available in the Geely Service Station. If the model of the filler cap is wrong, the filler cap will fail to cover the oil filler.◀

Fuel System (Methanol Application)


The vehicle is equipped with a bifuel system, in which the gas system is the ignition system, and after the engine starts, the ECU will automatically switch to the methanol system. The methanol filler is on the LH side of the vehicle and the gas filler is on the RH side of the vehicle.

Gasoline Requirements

 Use unleaded gasoline having a minimum Research Octane Number (RON) of 92 or above. The use of low grade of gasoline would cause serious damage to the catalytic converter. ◀


The use of the recommended fuel is important for maintenance of vehicles in a right way. To keep the engine clean and obtain the best performance of the vehicle, you should use unleaded gasoline with RON 92 or above. If the octane number is less than 92, you may hear the knockings from the engine when driving, such noises generally refer to spark knockings. If that happens, please use unleaded gasoline with a minimum RON of 92 or above as soon as possible. Even when using the gasoline with the octane number no less than 92, if you can still hear the serious knockings, the engine needs to be serviced. Some fuels contain a type of octane improver called manganese (MMT). We don't suggest you use this kind of fuel containing MMT.

Methanol Requirements


 The vehicle can only be filled with M100 methanol meeting GB23510-2009 "Vehicle Fuel Methanol" requirements. The methanol should be mixed with 0.005% of special methanol additives in order to avoid engine knocking. ◀

Carbon Deposit Cleaner in Fuel System

The carbon deposit cleaner in fuel system can improve the driving performance of the vehicle and the gasoline cleaning performance, removing the deposits in the fuel injector, intake valve, combustion chamber and the oil system so as to prevent internal carbon deposit of the engine and other effects; besides, the cleaner can also contribute to keep the good condition of the engine, improving combustion efficiency, reducing automobile fuel consumption, and prolonging the service life of the engine.

 Please use the carbon deposit cleaner in fuel system approved by the Geely Automobile. It is not allowed to add any additive not authorized by the Geely to the gasoline. ◀

Safety Precautions in Gasoline Station

 The gasoline / methanol are highly flammable and is easy to explode in the airless space. ◀

Pay attention to the following items when you fuel up your vehicle :

- Stop the engine.
- Don't smoke or use the open flame.
- Don't use mobile phones.
- Avoid the fuel overflow.
- Do not fuel up excessively.

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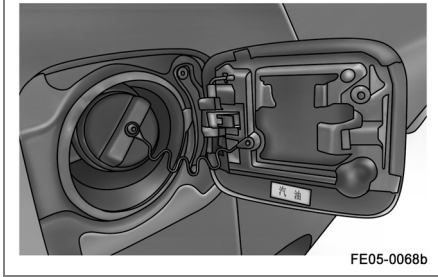
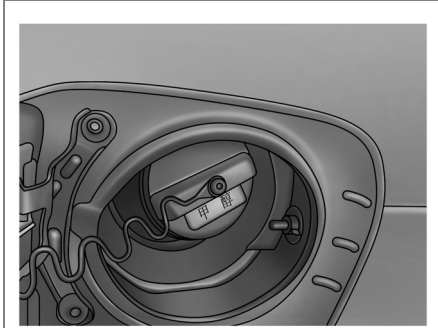
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Fuel Filler and Adding Fuel




The methanol filler door is on the LH rear side of the vehicle and the gas filler door is on the RH rear side of the vehicle. The filler door can be opened only in the unlock status. Lift the methanol / gas filler doors release lever (on the driver's side floor) to open the filler door. The tethered filler cap is located in the filler door. If you want to remove the filler cap, turn the filler cap counterclockwise slowly. Keep the filler cap clamped between the bracket on the filler door when fueling up.


 The fuel vapor is highly flammable and if the fuel is on fire, it can cause serious injury. To prevent yourself and others from injury, please read and follow the instructions of the gas station for refueling. Turn off the engine when refueling. When you get close to fuel or give the vehicle refueling no smoking. Be sure to keep the gasoline / methanol away from the spark, open fire and smoking objects. Never leave the gas pumps unattended when refueling your vehicle. Keep the children far away from the gas pumps; don't let a child fuel up. ◀


 If you unscrew the filler cap too quickly, the fuel may splash on you. If the fuel spills out and is lit, you will be severely burned. If the excessive fuel is filled into the fuel tank, the spilling may happen, especially in the hot weather. Slowly unscrew the filler cap; if you hear the hiss sound, waiting until the sound stops. And then unscrew the filler cap. ◀

Be careful not to let fuel spill out. Don't fill too full or make the fuel overflow the tank. After shutting down the gas pump, wait a few seconds and then remove the fuel nozzle. If the fuel splashes on the paint surface, you should wipe it away as soon as possible.

When reinstalling the filler cap, screw the filler cap clockwise until you hear clicks. And then make sure the filler cap has been completely closed. If the filler cap is not closed fully, the fuel will be evaporated into the atmosphere. Close the cap fully.

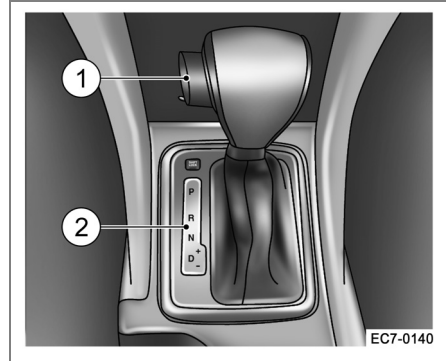
 If the gasoline catches fire when you fuels up, it is not allowed to pull out the fuel nozzle. You must turn off the gas pump or notice the staff of the gas station to cut off the oil flow. Leave the scene immediately.◀

 Please close the filler door when the cap lock pin is unlocked, otherwise it may cause the cap to work abnormally.◀

 If you need to replace it with a new filler cap, be sure to choose the right type. It is available in the Geely Service Station. If the model of the filler cap is wrong, the filler cap will fail to cover the oil filler.◀

Automatic Transmission (CTV)

The Emgrand EC7 series CVT For (manual-auto Integration Transmission) models, you can select manual gear mode, sports gear drive mode and automatic gear mode.




1. Gear Unlock button
2. Gear Indicator

Gear Ranges

P (Park): When the shift lever is in this position, the driving wheel will be mechanically locked, simultaneously the engine is allowed to be started.

If you want to shift from Park (P) to Drive (D) or Reverse (R), you must press the brake pedal and press the unlock button.


 You can shift to Park (P) only when the vehicle is stationary, otherwise it may cause damage to the transmission.◀


NOTE: The engine can be started only when the shift lever is in the park position (P) or neutral position (N).

D (Drive): Normal driving position (automatic driving).

When the vehicle is stationary and the ignition is in ON position, if you want to shift from Drive (D) to Reverse (R) or Park (P), you must press the unlock button and press the brake pedal. If you want to shift to Neutral (N), you only need to push the shift lever.


When the vehicle is moving, if you want to shift from Drive (D) to Neutral (N), you only need to push the shift lever.

 When the vehicle is stationary, the ignition should be in ON position, otherwise you can't shift from Drive (D) to Reverse (R) or Park (P).◀

 When the shift lever is in Drive (D) or Reverse (R), if you release the brake pedal, the vehicle will begin to creep (on smooth road). If the road grade is less than 8°, the vehicle will also creep. If the road grade is more than 8°, the vehicle will move backward slightly.◀

R (Reverse): Reverse driving gear


When the vehicle is stationary, if you want to shift from Reverse (R) to Park (P), you only need to press the unlock button on the shift lever, and do not need to press the brake pedal. You can directly shift from Park (P) to Neutral (N) or Drive (D), and do not need to press the unlock button or press the brake pedal.


 You can shift to Reverse (R) only when the vehicle is stationary or the engine is idling, otherwise it will cause damage to the transmission.◀

N(Neutral): When the shift lever is in this position, the transmission is in no-load operation and the driving force of the engine fails to be transmitted to the driving wheel and also provide the braking function to the engine.

When the vehicle is stationary and the engine is started, if you want to shift from Neutral (N) to Park (P) or Drive (D), you must press the unlock button and press the brake pedal; but if you want to shift from the Neutral (N) to Drive (D), you just need to push the shift lever.

When the vehicle is moving, if you want to shift from Neutral (N) to Drive (D), you just need to push the shift lever.

 When the vehicle moves down the slope, you are not allowed to keep the shift lever to Neutral (N), otherwise the braking function of the engine cannot be made use to assist the driving brake for the braking operation.◀

 When the speed is less than 5km/h, you can press the brake pedal and simultaneously activate the solenoid to unlock; when the speed is more than 7km/h, the gears are locked.◀

S: Sports mode

- +: Up gear in manual gear mode
- -: Down gear in manual gear mode

The instrument cluster is also provided with the indication of current gear information.

Gear Shifting Operation

Parking

For a long time parking, after the vehicle is stationary, you need to press the unlock button and push the shift lever to Park (P), the automatic transmission and shift lever will be locked at this moment. For a short time parking, you can push the shift lever to Neutral (N). Please push the parking and braking control lever at the same time to stop the vehicle stably. Even for the short time parking, it is also not recommended to press the brake pedal and hold it, for this operation in that way will shorten the service life of the automatic transmission.



When the vehicle is moving, never push the shift lever to Park (P) in any situation, otherwise it may cause the serious mechanical damage and get the vehicle out of control.◀

Drive

When the shift lever is in Park (P) or Neutral (N), start the engine and stay for 3s or more until the engine runs stably, press the brake pedal and confirm the parking braking control lever is released, and then press the unlock button and push the shift to Drive (D), releasing the brake pedal and gently stepping on the accelerator pedal. The automatic transmission system will select the optimal gear according to the running status, like common driving, climbing and towing heavy objects.



You must engage a gear before pressing the accelerator pedal, never press the accelerator pedal as engaging a gear or press the accelerator and then engage a gear.

When shifting gears, do not press the accelerator pedal.◀

Reverse

When the engine is in the smooth operation and the vehicle is stationary, you can press the brake pedal and confirm the parking braking control lever is released, and then press the unlock button and push the shift to the Reverse (R), releasing the brake pedal and gently stepping on the accelerator pedal.

Manual Mode

Shifting the handle from Drive (D) to the Sports Mode(S) can realize manual mode gear shifting operation. The manual mode has self-return function, namely when every operation in the forward "+" direction, the gear will increase by one; when every operation in the backward "-" direction, the gear will decrease by one; the gears includes first gear, second gear, third gear, fourth gear, fifth gear and sixth gear, 6 gears in all.



When the vehicle is moving down a long slope or an abrupt slope, you should reduce the speed at first, and then reduce the gear value, simultaneously press the brake pedal to ensure the vehicle can be running safely at a constant speed. Be sure to minimize the continuous use of the brake pedal, otherwise the braking operation will fail easily.

Be care to shift down on the smooth surface, for the sudden gear shifting would cause the vehicle spinning or skidding.

When driving on the snow or muddy road and in Drive (D) position, if the driving wheel slips, you can put the shift lever to the manual mode and shift to a lower speed gear.◀

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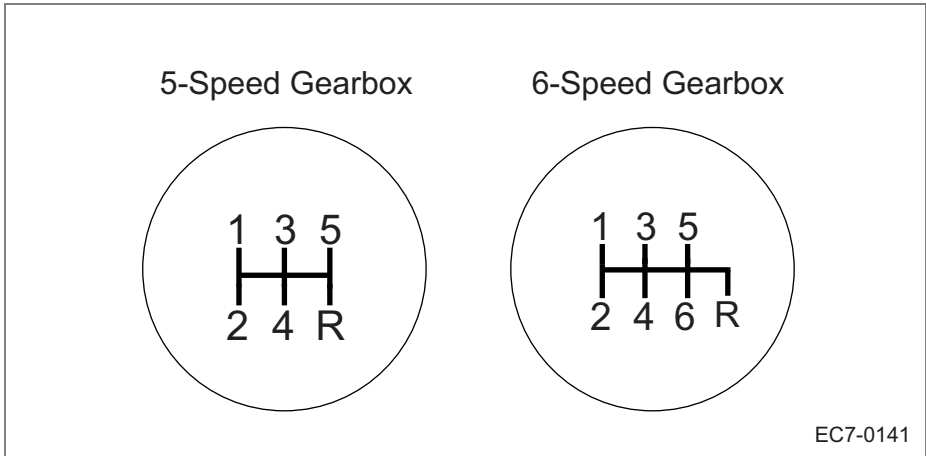
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Manual Transmission (MT)



Notices for Use

The following information is very important for vehicle driving, especially for these users who are not familiar with the manual transmission:

1. Before starting the engine, push the transmission shift lever in the neutral position and tighten the parking brake.
 2. After starting the engine, press the clutch pedal and keep the parking brake applied, and then shift the lever to first gear or Reverse (R).
 3. Release the parking brake, and then slowly lift the clutch pedal and slowly press the accelerator pedal at the same time, the vehicle will start off smoothly.
- Gear Shifting

Shifting to Forward Gears


Shift to forward gears according to the Gear Pattern on the knob of the shift lever. To shift up or down, you must fully press the clutch pedal and then release the clutch pedal after shifting gears.

Never press the clutch pedal when no need to shift gears, otherwise it will easily cause excessive wear of the clutch or sudden loss of the power.

To shift to the high gear, you should adopt the appropriate shift point to make shift more smooth.

To shift the high gear to the low gear, you should slow down your vehicle to a lower speed, and then carry out the shift operation so as not to do damage to the transmission or cause the vehicle transmission system to break down.

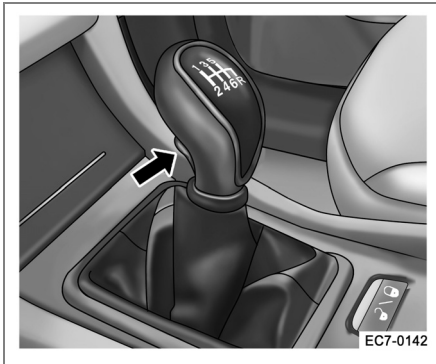
Shifting to Reverse Gear

 Before shifting to the reverse gear, be sure to stop the vehicle stably and then fully press the clutch when the engine is running at an idle speed, waiting a moment (about 3 s) and then shifting to the reverse gear. ◀


Five-speed Transmission

Put the shift lever in Neutral position and then move the shift lever to right until to the end, and then move it back, at the moment you can feel the reverse gear engaging, the transmission will be shift to Reverse (R).

Six-speed Transmission



Place the shift lever in Neutral position and then lift up the button indicated and simultaneously move the shift lever to right until to the end, and then move it backward.

 Only lift up the reverse button When you want to shift into reverse position. ◀

Brake system

Service Brake

The braking operation time including detection time and reaction time. The detection time refers to the time to make the decision to press the brake pedal. The reaction time refers to the actual time from lifting your feet to press the pedal. The average reaction time is about a three-quarter second. But that is just average value. The reaction time of a driver may be shorter, while that of another driver is 2 to 3 seconds or longer. The ages, physical condition, vigilance, coordination and vision will affect the reaction time. Alcohol, drugs and depression will also have an impact on it. But even if the reaction time is a three-quarter second, one vehicle which travels at 100 kilometers per hour will travel 20 meters in this reaction time. In case of an emergency, it is a long distance; therefore, it is important to keep enough distance between your vehicle and other vehicles. Without a doubt, the actual braking distance, depending on the road type (road or sand road), road condition (wet, dry or frozen), tire pattern, the condition of brake, vehicle weight and the braking force imposed, has a very big difference. It is necessary to void unnecessary emergency braking. Some people will drive in the short and sudden way, suddenly accelerating and then emergency braking, rather than being synchronous with traffic. This is a wrong behavior. The brake may not have enough time to cool down between several emergency braking operations. Frequent slamming on the brake pedal can accelerate wear of brake. Being consistent with the traffic speed and keeping a certain distance will reduce a lot of unnecessary braking operations. This means a better braking and a longer service life of the brake. If the

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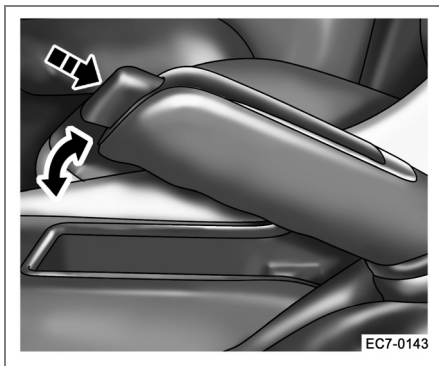
engine stops running during the vehicle is moving, you need to conduct the braking in the normal way, rather than in inching braking. It is more difficult to press the brake pedal in that way. Even if the engine stops running, there is still some braking booster for braking, but the power booster will be consumed when braking. Once the braking booster is exhausted, the braking time will prolong, and it is more difficult to press the brake pedal. Installation of non-original attachments will impact performance of your vehicle.

Parking Brake

Be sure to securely tighten the parking brake and don't press the release button; you should tighten the parking brake as far as possible when driving on the slopes.

When the manual parking brake is pulled up and the ignition is switched on, the parking braking indicator light will be illuminated.

To release the parking brake, you should slightly pull up the brake lever and press the release button, and then completely release the brake lever.



In order to reduce the operation force of the parking brake, you should apply the service brake at the same time.



In order to avoid the unexpected move of the vehicle, you should tighten the parking brake after you stop the vehicle stably every time.

Be sure to completely pull down the brake lever while releasing the parking brake. Otherwise the partially releasing of the parking brake will cause overheating of the brake parts and affect the braking performance, and cause the too earlier wear of the brake disc and friction plates. ◀


Electronic Stability Control System (ESC)

The Electronic Stability Control System (ESC for short) is a kind of active safety technology assisting the driver to control the vehicle, and can automatically adjust the automatic correction of the instability of vehicle body, conducive to guard against accidents. The ESC can make use of the advanced sensor technology to judge the intention of the driver driving direction so that when the vehicle starts to be off the road, the system will implement the wheel braking or reduce the engine torque according to the actual situations to guide the vehicle back to the correct route.




The ESC should not go against the physical principle applied to the vehicle. Even the vehicle is equipped with the ESC and other systems, the slippery and wet roads still have a lot of risks. ◀



When the engine is running, you can press the graphic ESC button on the center console to turn off the ESC, the  indicator in the instrument cluster illuminates at this time.

In the case of insufficient traction and the following situations, you can close the ESC.

- When driving on the deep snow or loose road surface.
- For "Out of Trouble".

When you press the indicated button again to activate the ESC, the  indicator in the instrument cluster will illuminate at this time.

Anti-lock Brake System (ABS)

Your vehicle is equipped with the anti-lock braking system (ABS). ABS is an advanced electronic brake system, which can help prevent skidding when braking. When you start the engine and begin to drive away, the anti-lock braking system will implement the self-checking operation. During the test, you will hear a instant motor running or clicking sound, and even notice that the brake pedal has moved a little. This is a normal phenomenon.

Use of Anti-lock Brake Function

Don't apply inching braking. As long as you firmly press the brake pedal to activate anti-lock braking system. You may hear the sound of the anti-lock brake pump or motor running, and feel the pulsation of the brake pedal, but this is a normal phenomenon.

Electronic Brake Force Distribution (EBD)

The ABS is equipped with EBD (electronic brake force distribution) function, and the EBD system will automatically distribute the braking force between the front wheel and rear wheel in order to obtain a good braking performance under different load condition.

Emergency Brake

The anti-lock braking system allows the driver to conduct the steering and braking operations at the same time. In many emergency situations, the steering operation is more effective than the best braking operation.

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Park Assist System

Your vehicle is equipped with the ultrasonic park assist system; the system is running when the vehicle speed is less than 10 km/hour so as to help the driver park in reverse gear(R) to avoid hitting objects. The ultrasonic park assist system includes six ultrasonic sensors, one parking auxiliary controller and one buzzer. The sensors on the rear bumper are used to detect the objects behind the vehicle at the distance up to 1.5 meters, while the sensors on the front bumper are used to detect the objects in front of the vehicle at the distance up to 0.6 meters.



The ultrasonic park assist system can't replace the driver's visual observation, because the system fails to detect the following items:

- Objects under the bumpers or vehicle, as well as objects too close to or too far away from the vehicle.
- Children, pedestrians, cyclists or pets.
- Very small objects.
- Before back up or during back up, if you don't pay attention to persons or objects at the back of the vehicle, it may do damage to the vehicle, or cause injuries and even deaths. Even if the vehicle is equipped with the ultrasonic park assist system, the driver must also observe carefully before back up. When back up, observe whether there is a barrier and pay attention to the rear view mirror of the vehicle. ◀

How the System Work

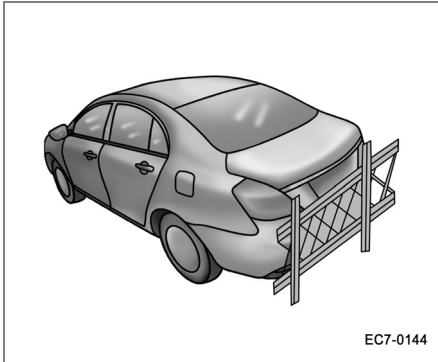
The ultrasonic park assist system will be running automatically when the ignition switch is on. If prompt tones are heard, it means the system is running. The ultrasonic reversing assistance system will be activated only when the speed is less than 10 km/hour. When the park assist system works, if obstacles enter the detection range, the detection results will be displayed on the central LCD azimuth display design of the instrument cluster with the beep for prompt. The beep prompts that there are obstacles in front of or behind the vehicle. When the vehicle gets close to the obstacles, the beep will become more urgent. When the distance between the vehicle and the obstacles is less than 40 cm, you will hear the continuous beep. Only the object at least 25 cm higher than the ground and below the height of the trunk can be detected. And the object must be within 1.5 meters away from the rear bumper or 1 meter away from the front bumper. The detection distance may be shorten in the hotter or more humid weather.

System Operation

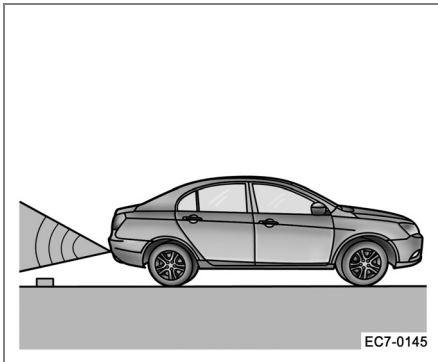
For System Failure to Work

Please pay attention to the following situations, the rear parking assist radar sensors may fail to give an alarm or give false alarms:

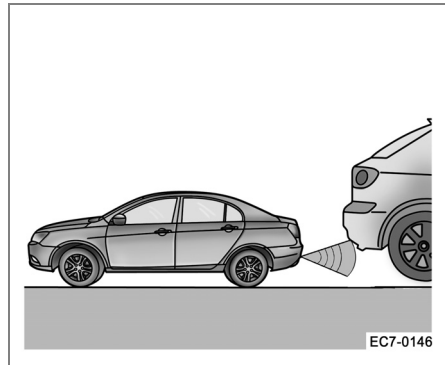
Unable to Detect Obstacle



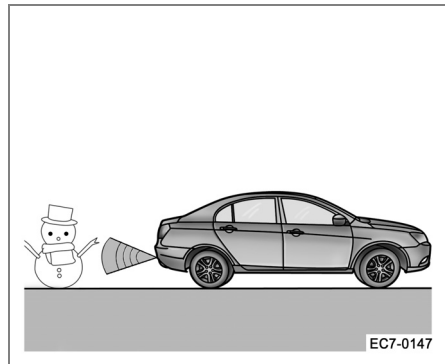
- The sensors of the park assist system can't detect mesh objects, such as iron wires, cables and blocking networks.



- The sensors of the park assist system can't detect the rocks, wood blocks and other low objects.



- The sensors of the park assist system can't detect vehicles with a higher chassis.



- The sensors of the park assist system can't detect the soft snow, cotton, sponge and other objects easy to absorb ultrasonic wave.

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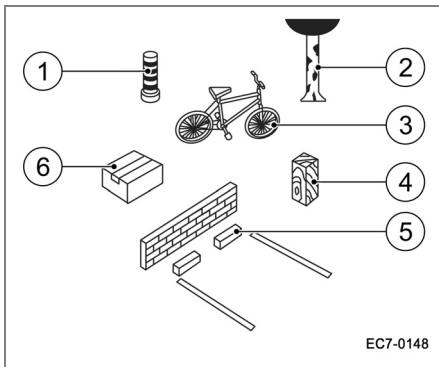
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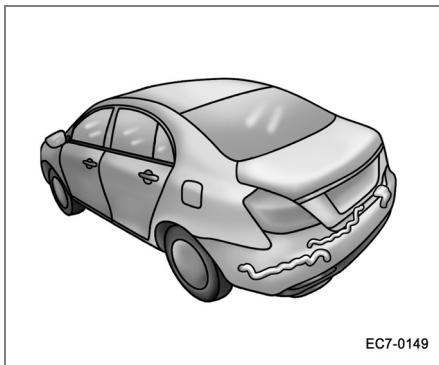
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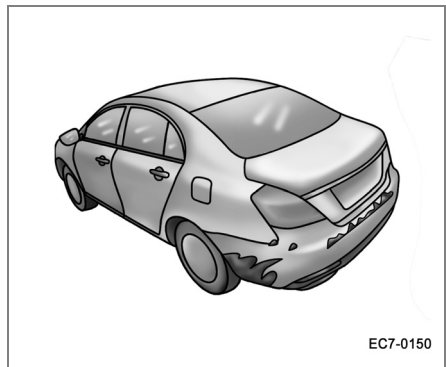
- The sensors of the park assist system may fail to detect some special shaped obstacles.

1. Pillars
2. Small trees
3. Bicycle
4. Angle sections
5. Cornerstones
6. Corrugated paper

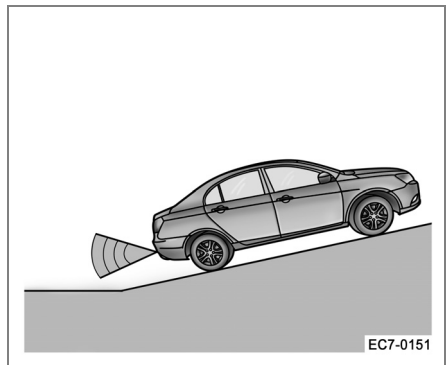
Situations with Wrong Alarm



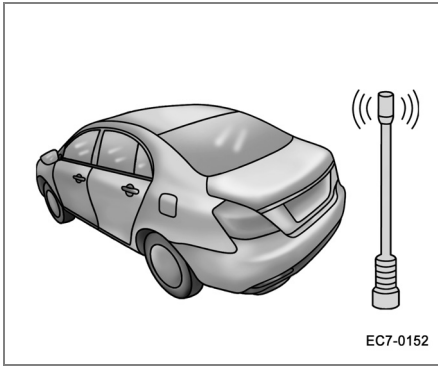
- When the sensor surface of the park assist system freezes, the park assist system may give wrong alarms.



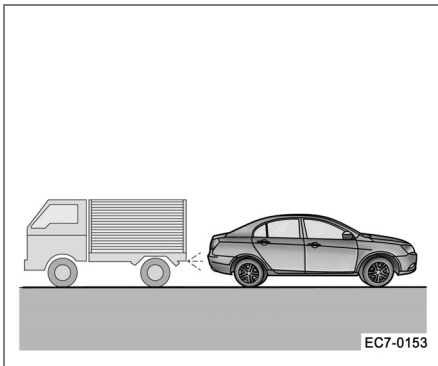
- When the vehicle is on an abrupt slope, the park assist system may give wrong alarms.



- When the vehicle is on an abrupt slope, the park assist system may give wrong alarms.



- When the vehicle is equipped with the high frequency radio or antenna or such devices is used near the vehicle, the park assist system may give wrong alarms.



- When the horn, the noise of the engine, vehicle exhaust noise or other sound of other vehicles is too close to the sensors of the park assist system, the park assist system may give wrong alarms.



- When you drive the vehicle in the snow or in the rain, the park assist system may give wrong alarms. If the vehicle comes near obstacles and the system still does not give an alarm, check and make sure whether your vehicle has been parked in hot or cold weather for a long time. When the situations above are rejected, please contact the Geely Service Station for maintenance.

▶ If there are several obstacles, the sensors of the park assist system can only detect the nearest obstacle. While the vehicle is moving, please pay attention whether the sensors on the other side of the park assist system have detected other obstacles.◀

▶ Please do not use the high pressure water flow from the water gun or other similar devices to spray and wash the sensor surface of the park assist system directly, neither squeeze or lash the surface in other ways. Otherwise it may cause the sensors to break down.◀

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Rear View Camera*

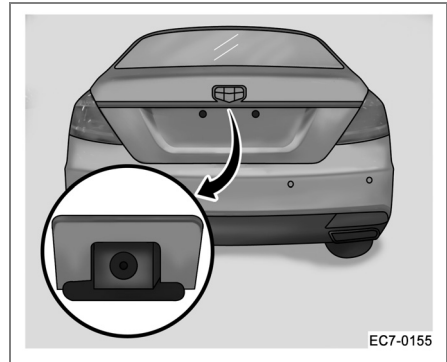
Your vehicle is equipped with the visual reversing system. Please read this chapter before use. The rear-view back-up camera can display the images in the rear of the vehicle so as to help the driver clearly see the condition behind the vehicle when reversing. When the shift lever is switched to Reverse (R), the images will be displayed in the navigation screen automatically. When the shift lever is moved out of Reverse (R), the navigation screen will delay for a while before switching back to the previous screen.



The reversing visual system can't replace the driver's visual observation. Because the back-up camera cannot:

- Detect the objects out of the camera visual field, or under the bumper or vehicle.
- Detect children, pedestrians, cyclists or pets.
- Don't just rely on the back camera screen to back up your vehicle, neither use the back-up camera screen in a long distance back up operation at a higher speed, or where there are cross-wise passing vehicles. The distance judged from the screen is different from the actual distance. Therefore, if you don't observe carefully prior to back up, you may hit vehicles, children, pedestrians, cyclists or pets, leading to vehicle damage, injuries or even deaths. Even if the vehicle is equipped with the reversing visual system, you should also carefully check situations in front of or around the vehicle before reversing.◀

Rear View Camera Position

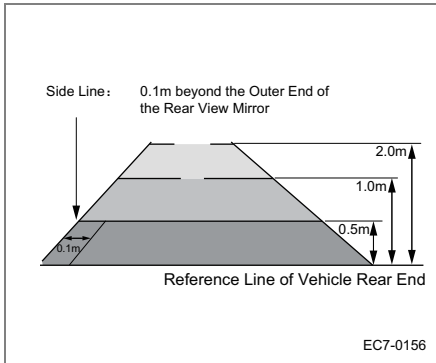


The cameras of the sedan are located above the rear license plate, while the cameras of the hatchback are on the left of the back doors (The cameras shown in the figure are the ones of sedan). The cameras have a limited shooting range and can't shoot the objects near the corners or under the bumpers. The indicated images will vary with vehicles or road conditions. There is a difference between the distance of images appearing on the screen and the actual distance.

Reversing Auxiliary Line

Two red lines on both sides show the width of the vehicle and the indicated width is larger than the actual one. And three lines in different color, red, yellow and green show the distances between the vehicle and objects.


The different color segments show the distances from the objects to the lower part of the bumpers:



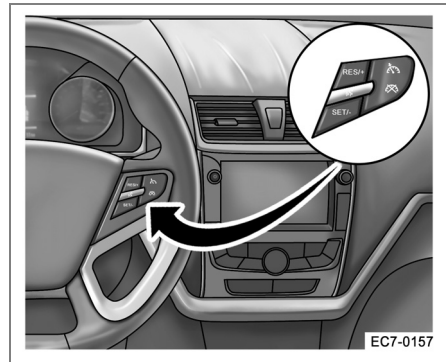
1. Red - 0.5 m
2. Yellow - 1 m
3. Green - 2 m

Cruise Control System*

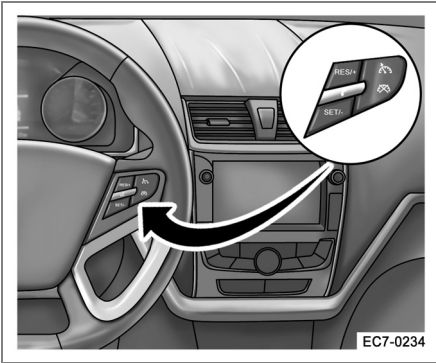
Your vehicle may be equipped with the cruise control system. With the use of the cruise control, you can keep the speed in the range from 38 km/hour to 180 km/h, without your feet stepping on the accelerator pedal.

 For the case you can't drive the vehicle safely at a constant speed, the use of cruise control will be dangerous. Therefore, on the zigzag road or in traffic jams, do not use cruise control. It is also dangerous to use the cruise control when driving on slippery roads. In this kind of pavements, the dramatic change of the tire traction could lead to unnecessary idling of wheels and the vehicle out of control. Do not use cruise control on slippery roads. ◀



Setting Cruise Control




Export




The Cruise Control button is on the steering wheel.

1. ON/OFF button : Press this button to open and close the cruise control system. The LCD indicator lights on the instrument cluster will be on/off.
2. Cancel button : you can press this button to cancel the cruise control without deleting the record of speed set.
3. RES + (recovery/acceleration) : Press this button to restore the original settings of the speed or acceleration.
4. SET - (SET/deceleration) : press this button to set the speed or slow down.

 If you keep the cruise control system running without the use of the cruise control, you may touch the button and enter the cruise state accidentally. You may be frightened by it and make the vehicle out of control. Therefore, we should keep the cruise control switch "disconnected" until you want to use the cruise control. ◀

Setting Speed

1. Press  to turn on the cruise control. The indicator light on the instrument board will be illuminated.
2. Press RES + or SET - button to set the cruise speed required
3. Press and release the SET button. The current speed will be saved. The set speed will be indicated briefly on the instrument cluster LCD.

Recovery of the Set Speed

If you have set the cruise control at the speed required, you can press the brake pedal. The cruise control will be canceled. If you want to restore the preset speed, when the speed reaches about 38 km/hour or above, you can press the button toward RES + direction. You can increase the speed to the preset one in that way.

Accelerating under Cruise Control

There are two ways to speed up:

- Pressing the accelerator pedal can increase the speed of the vehicle.
- If the cruise control system has been enabled, you can press the button toward RES + direction and hold the button until the speed is increased to the desired one, and then release it. If you just want a slightly higher speed, you can press and release the button toward RES + direction. Every operation in this way can increase the speed by 2 km/hour.

Decelerating under Cruise Control

If the cruise control system has been enabled,

- you can press the button toward RES - direction and hold the button until the speed is decreased to the desired one, and then release it.
- If you just want a slightly lower speed, you can press and release the button toward RES - direction. Every operation in this way can reduce the speed by 2 km/hour.

Overtaking under Cruise Control



Increase the speed of the vehicle with the accelerator pedal. When your feet are off the accelerator pedal, the speed of the vehicle will be reduced to the preset cruise control speed.

Using Cruise Control on Grade

When driving on the grade, the performance of the cruise control system depends on the speed, loads and the slope of the grade. When the vehicle is climbing an abrupt slope, you may need to press the accelerator pedal to maintain the speed. When driving down the slope, you may need to apply the brake or push the shift lever to the lower gear position to maintain the speed of the vehicle. When the brake is enabled, the cruise control system will be turned off.

Ending Cruise Control

There are four ways to disconnect the cruise control:

- Slightly press the brake pedal, the cruise indicator light will be illuminated.
- Shift the gear to the neutral position (N).
- Press the Cancel button .
- Press the ON/OFF button  to close the cruise control system completely. The speed of the cruise control will not be recovered.

Erasing Speed Memory

When you close the cruise control or start the switch, the set speed memory of the cruise control will be cleared.

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Loading

You can fold down the rear seat backs in your vehicle to set aside the larger space for luggage, or place them in a vertical position and lock them. For more detailed operating steps, please refer to "Rear Seats" section in Chapter 4 "Seats and Protection Devices".



In case of emergency braking or steering, or crashes, the items in the vehicle are likely to hit and hurt people in the vehicle.

- Place these items in the luggage compartment of the vehicle. Try to place them in the front of the compartment. Keep the weight distributed as evenly as possible.
- It is forbidden to pile up heavy things in your vehicle and keep it above the seat.
- If you need to load the goods in your vehicle, you should keep them well fixed at any time.
- If not necessary, don't fold down the seat backs.◀

Loading

Loading Heavy Objects



If the weight of the loaded goods exceeds the vehicle load standard or the loaded goods are unevenly distributed, it will seriously affect on the operation performance of the vehicle, reducing the driving safety.◀

The baggages in the loading area will move in a traffic accident or emergency braking. Place objects in the lowest and front-most position, namely keep these objects close to the seat back as much as possible.

Loading Tall Objects

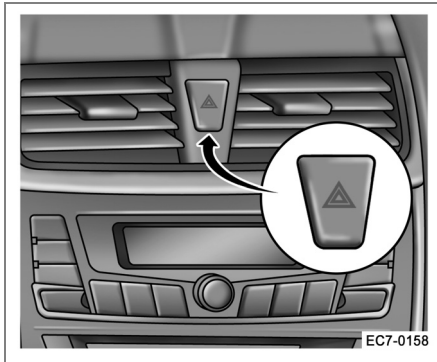
When loading tall objects, the height of the objects is not allowed to exceed that of the vehicle carriage and these objects should be fixed in the vehicle to guarantee your travel safety.

Loading Large Objects

When loading large objects, you can fold up the rear seat backs or seats according to the actual situations (For more detailed operating steps, please refer to "Rear Seats" section in Chapter 4 "Seats and Protection Devices"). The object length cannot exceed the length of the carriage, and simultaneously these objects should be fixed in the vehicle to guarantee your travel safety.

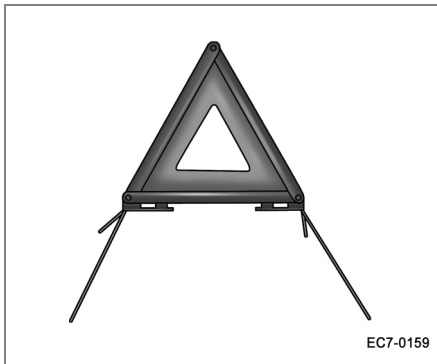
Hazard Warning Devices

Hazard Warning Light



When something goes with your vehicle and you have to slow down or stop it, please press the hazard warning indicator button, at this moment, the indicator lights and Left/right turn signals will flash simultaneously to warn other people.

Triangle Warning Board



The triangle warning board is placed in the trunk. When the triangle warning board is in use, you can keep it on the roadside about 100m away from the back of your car.

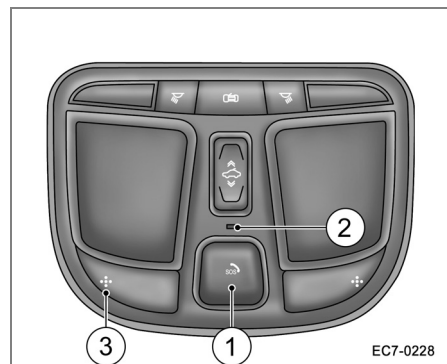
Accident Emergency Response System (ERA-GLONASS) (Export)

The system detects the airbag deployment signal and vehicle operator's manual emergency call by an internal controller, and sends the vehicle accident location (GLONASS, GPS information and accurate calculation), vehicle heading direction, vehicle data (VIN, vehicle type, powertrain type, etc) to the ERA-GLONASS Control Center through 2G / 3G network for the operator to receive assistance service from PSAP.

Accident Emergency Response System Activation Conditions

1. The controller detects the ACU deployment signal
2. Users press the SOS button

After activation, the system will send the minimum data set (MSD) to the ERA-GLONASS Control Center through the voice channel while dialing the emergency call. The ERA-GLONASS Control Center will confirm the accident information and ask for assistance service from PSAP. After the relevant information is confirmed, the ERA-GLONASS Control will end the call.



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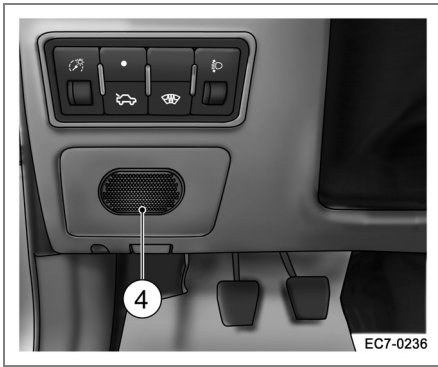
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1. SOS button
2. SOS indicator
3. Microphone
4. Full frequency speaker (on the left bottom of the driver's side instrument panel)

When users need to manually activate the Emergency Call System, you can first open (1) SOS button cover and press the SOS activation button. (2) SOS indicator will show the the system status and calling status. After the system is operational, users can make the voice call by (3) microphone and (4) full frequency speaker (on the left bottom of the driver's side instrument panel).

Jump Starting

Jump Starting of Vehicle

Jump Starting: If the power of the battery has been used up, you can try to start your vehicle with another vehicle and jumper cables. Be sure to carry out the operation according to the following steps to guarantee safety.



The battery may hurt people. It is dangerous because:

- The acid liquor included in the battery could cause burns.
- The gas in the battery may explode or be ignited.
- The power within it can cause severe burns. If you carry out the operation not in strict accordance with the following steps, you may suffer one of and even all of hurts above.◀





The neglect of these steps may cause the serious damage to the vehicle, and the resulting expensive repair cost is not covered under warranty. It is futile to push and pull the vehicle to start, which may also damage your vehicle.◀

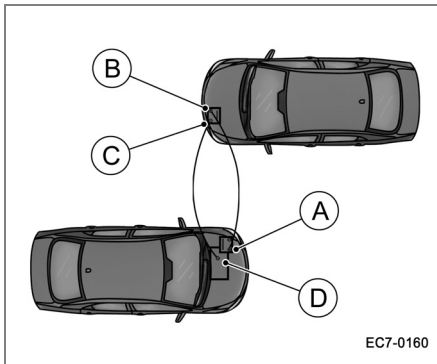
1. Turn off the starting switch and shut down all lights and electric fittings except the hazard warning light (if necessary)



Even when the engine is not running, the fan in the engine compartment may be started and hurt you. Therefore, keep hands, clothes and tools away from the electric fan under the engine hood.◀

 When there is an open fire near the battery, it may cause the gas in the battery to explode. Some people have been hurt for the reason, and some have lost their sight. If the light is insufficient, please use your flashlight. The acid liquor in the battery may burn you. Never make the acid liquor splash on you. If the acid liquor accidentally splashes into your eyes or on your skin, please wash it at once and see a doctor. ◀


 The fan and other moving parts of the engine may seriously hurt people. When the engine is running, be sure to keep your hands away from the moving parts of the engine. ◀



2. Connect the one end of the red positive(+) cable to the positive(+) binding post (A) of the vehicle to be started in the Jump Starting way.
3. Do not connect the other end of the red positive(+) cable to the metal. Connect it to the positive terminal (+) of the battery (B).

4. Connect the one end of the black negative (-) cable to the negative(-) terminal of the battery (C) Do not make the other end contact anything before proceeding to the next step. Do not connect the other end of the negative (-) cable to the battery without power, but connect it to the unpainted metal part of the engine of the vehicle with the no-power battery.
5. Connect the other end of the negative (-) cable to the unpainted metal part (D)of the engine of the vehicle with the flat battery, but keep it away from the moving parts of the engine and battery.
6. Start the engine on the vehicle with booster battery and keep it idle for four minutes or more.

Try to start the vehicle with the flat battery. If the vehicle is not started after several tries, the vehicle probably needs to be repaired.

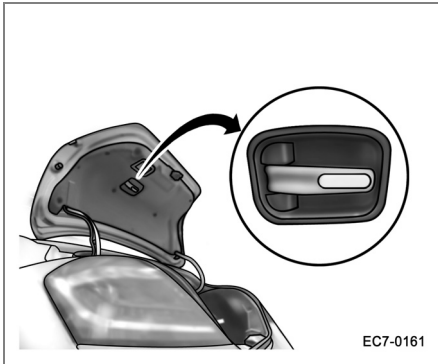
 If you connect or dismantle the jumper cables in a wrong order, it may cause the short circuit and do damage to the vehicle. The resulting maintenance is not covered under the warranty. Therefore, be sure to connect or dismantle the jumper cables in a right order and make sure that the cables will not contact each other or other metals. ◀

If you want to disconnect the jumper cables on the vehicle:

1. Disconnect the black negative (-) cable on the vehicle with flat battery.
2. Disconnect the black negative (-) cable on the vehicle with booster battery.
3. Disconnect the red positive(+) cable on the vehicle with booster battery.
4. Disconnect the red positive(+) cable on the vehicle with flat battery.

Emergency Opening of Trunk (Sedan)

The trunk of this vehicle is designed to the opening type with the electric control, and can be opened through the use of the switch on the instrument board on the side of the driver or the "Open" button on the remote controller under normal circumstances. However, when the electrically opening mechanism of the trunk goes wrong or the battery use out, the trunk can not be opened in two ways described above. Please use the emergency opening device of the trunk in this circumstance.



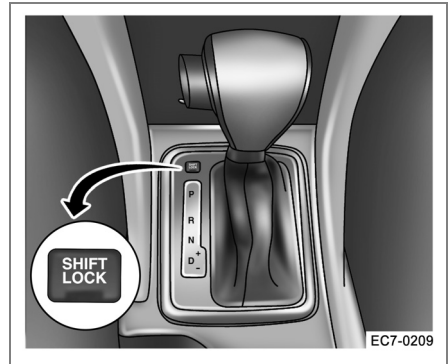
The opening procedures are detailed as follows:

1. Completely fold the rear seat back. Please refer to the relevant contents of "Adjustment of Front and Rear Seat Backs" section in Chapter 4" Seat and Safety Devices" for details.
2. Get in the trunk from the rear seat and you will find the emergency opening handle of the trunk as indicated in the picture.
3. Pull the handle to open the trunk.

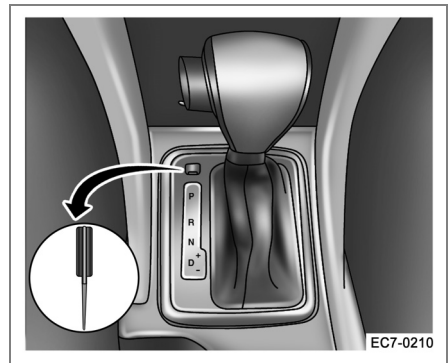
Manual Release of P (Park) Position (CVT)

If the shift lever cannot be moved out of park (P) position due to the factors such as the battery is too low or the engine cannot start, you can perform manual release procedures for park (P) position to move or tow your vehicle.

The manual release procedures are as follows:



1. The emergency unlock button of the shift lever is located in the front of the gear indicator panel, under the protective cover shown in the illustration.



2. Insert a small flathead screwdriver into the port of the protective cover for the unlock button and pry it off from the panel.
3. Insert the screwdriver straight into the opening under the protective cover until the unlock button in the opening is pressed.
4. You can move the shift lever while pressing and holding the unlock button.

Towing Vehicle

All the towing operations should use the safety chain system and abide by the local, provincial and national laws. The wheels and axles contacting the ground must be in a good condition. Once damaged, the converter dolly shall be used.

Hints for Towing

1. When using the flexible towing device (e.g. towing rope), the distance between towing vehicle and the vehicle to be towed should be greater than 4 meters and less than 10 meters. For the vehicle to be towed with a brake failure, a rigid towing device (e.g. towing bar) should be used to tow the vehicle.
2. The hazard warning lights on the towing vehicle and the vehicle to be towed should be switched on.
3. If the vehicle to be towed is equipped with the VT2 continuously variable transmission, please pay attention to the following items:
 - Shift the shift lever to the neutral position (N).
 - Don't tow the vehicle at the speed of more than 50 km/h.
 - The towing distance must not exceed 50 kilometers.

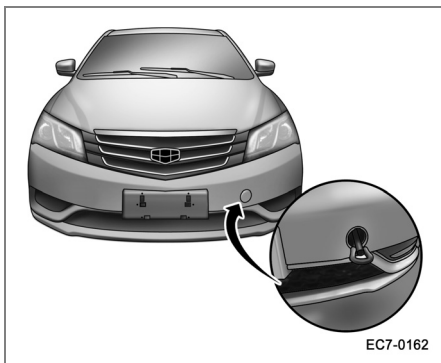
When using a dedicated towing vehicle, it is only allowed to lift the front wheels of the vehicle to towed.



Never tow the vehicle with the VT2 continuously variable transmission and its front wheels landing on the ground from the rear of the vehicle, otherwise it will lead to serious damage to the transmission. ◀


4. In the following situations, it is not allowed to towing this vehicle, but use dedicated carrier vehicle or trolley to transport this vehicle:
- Due to some damage, there is no lubricating oil in the transmission of the this vehicle
 - When the towing distance of the vehicle with VT2 continuously variable transmission is more than 50 km.

Installation of Front Towing Ring




The removable towing ring is installed on the front of your vehicle. The front towing ring is placed in the driver's tool kit in the trunk. The front towing ring is installed on left side of the front bumper.

When installing the front towing ring, take down the cover of the thread hole with the screwdriver, and then screw the towing ring into the thread guide bush of the towing hook and make sure that the towing ring is fully tightened. When the engine is not running, you are required to perform braking and steering operation with great effort.

 Please drive moderately, since the excessive towing force will damage your vehicle.◀


Tire Changing

 Park your vehicle in the place with no traffic danger and convenience to replace the tire. Park your vehicle on the solid road in the horizontal direction. If necessary, turn on the hazard warning light and place the hazard warning board within the specified distance.◀

Removing Spare Tire and Tools Jack and Driver's Tools

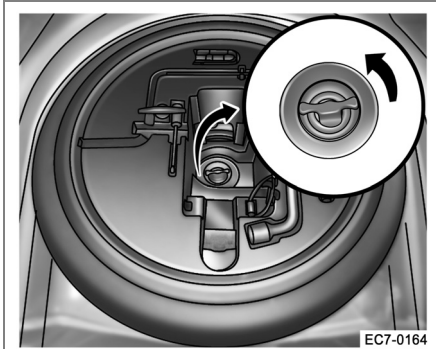
The jack and driver's tools required are placed in the trunk.



 Only use the dedicated jack in accordance with the Geely certification. Never use other types of jacks, otherwise the jack of the vehicle may slide, which will lead to casualties.◀

Spare Tire

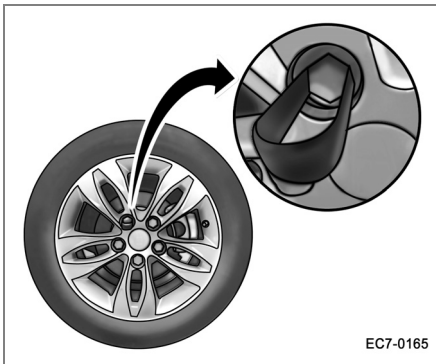
The spare tires are kept under the driver's tool box in the trunk.



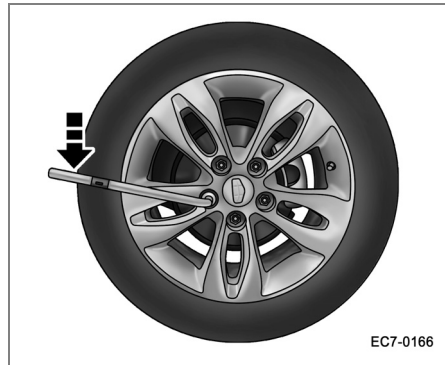
After the removal of the jack, turn the locking knob towards the direction of rotation arrow on the tool on-board and you can take down the spare tire together with the driver's tool kit. And then place the spare tire near the tire to be replaced.

Removing Flat Tire and Installing Spare Tire

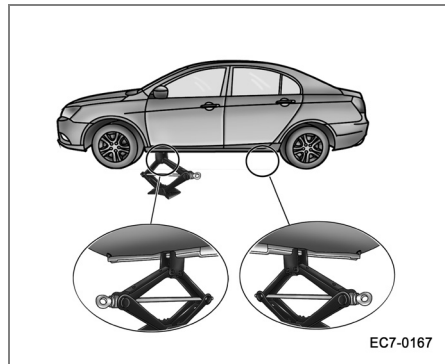
1. Before the next operation, please take the safety inspection.




2. Take out the plastic plier from the driver's tool kit, and then clamp the nut decorating cap of the tire and pull down the cap outward.



3. Set the wheel wrench on the wheel nut and rotate it counterclockwise, and then loosen all wheel nuts around a circle, but do not remove the nuts, as shown in the picture.



4. Place the jack head, and adjust the jack at the suitable height before placing the jack under the lifting point as shown in the picture.

 When lifting vehicle, the wrong position of the jack support may do damage to the vehicle and even cause the vehicle to fall. To avoid personal injury and damage of vehicles, be sure that the jack head is in the right position before lifting the vehicle.◀

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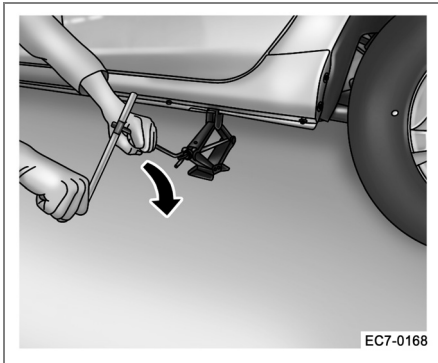
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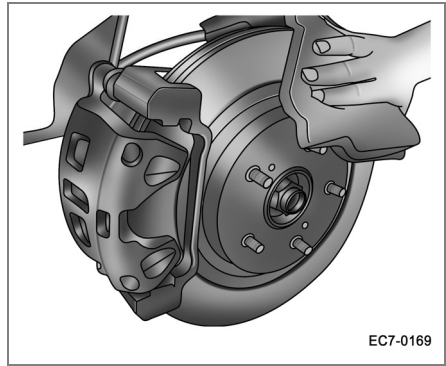
 It is extremely dangerous to access the below location of the vehicle lifted by the jack. If the vehicle slides down from the jack, it may cause serious injury or even death. Never access the below location of the vehicle only lifted by the jack. ◀

 It is extremely dangerous to access the below location of the vehicle for maintenance or repair without the appropriate safety equipment to lift the vehicle without training. If a jack is attached to the vehicle, it can only be used for replacing the flat tire. For other purposes, when the vehicle slides down from the jack, it may cause serious injury or even death to yourself or others. ◀


5. Insert the crank handle into the hole in the extension.




6. As shown in the picture, turn the handle clockwise to lift the vehicle to enough height from the ground so as to install the spare tire under the vehicle.
7. Remove all the wheel nuts.
8. Remove the flat tire. If the tire is equipped with the iron rim, it is necessary to remove the decorative cover together with it.

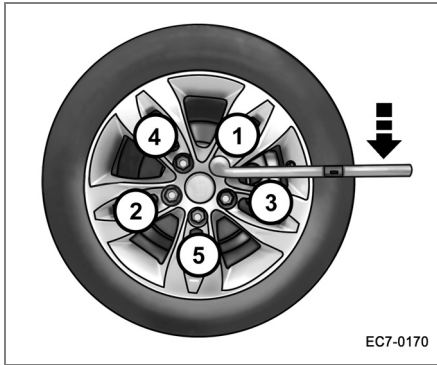


9. Clear away the rusts or dirt on the wheel bolts, mounting surface and spare wheel.

 The rust or dirt on the wheels or on the connecting parts of the wheels may cause the wheel nuts to get loose after they are used for a period of time. The wheels may fall off and lead to accidents. Remove any rust or dirt from the connection between the wheels and the vehicle when replacing the wheels. In case of an emergency, you can clean it with cloth the paper; but, if necessary, please get rid of all rusts or dirt with a scraper or steel wire brush later. ◀

10. Install spare tire. If the spare tire is equipped with the iron rim, it is necessary to install the decorative cover.
11. Install the wheel fixing nuts in place. Screw each nut clockwise with the wheel wrench until the wheel is fixed on the rim.
12. Rotate the jack handle counterclockwise to lower the vehicle. Lower the vehicle on the jack completely.

 It is not allowed to use the oil or grease on bolts or nuts, otherwise these nuts will get loose. The wheels of the vehicle may fall off, thus causing crashes. ◀



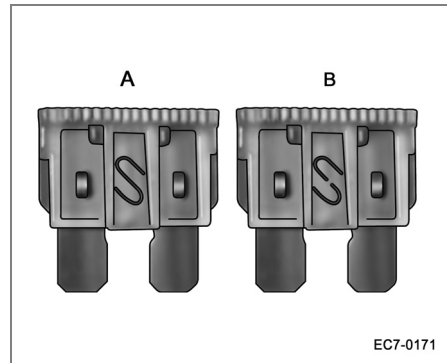
13. As shown in the picture, tighten the wheel nuts in crossover order.
14. Completely lower the jack and then take out the jack from the underside of vehicle.
15. Tighten the wheel nuts with the wheel wrench.
16. Install the nut decorative caps on the wheels.

Storage of Flat Tire or Spare Tire and Tools

Place the flat tire or spare tire in the spare tire chamber of the trunk with the inner side of the tire up, and then place the driver's tool kit on the spare tire. Screw in and tighten the knob fully. Put back the jacks and other tools to the driver's tool kit and fix them appropriately.

Replacement of fuse

The fuse can prevent the overload of the electric appliance in the electrical circuit so as to protect the electrical equipment of the vehicle. The blown fuse shows that its protective circuit goes wrong and stops working. If you suspect that there is something wrong with the fuse, you can take it out from the fuse holder to check whether the metal wire of fuse is blown.



- A - Intact fuse
B - Blown fuse

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Position and Identification of Fuse

The fuses are located on the left side of the fuse holder in the engine compartment and the central distribution box on the left side of the instrument board. There are two different types of fuses:

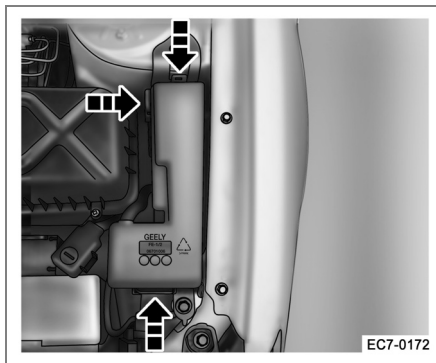
1. Strip fuse - a finer and plug-in type, the allowable current of the circuit is 5-30A.
2. Slow-blown fuse- a square and plug-in type, the allowable current of the circuit is 30-60A.

The color represents the amperage of the fuse and this value is also marked on the fuse.


 For the blown fuse, please do not attempt to repair or replace it with the fuse in different colors or with different amperages, otherwise it will do damage to the electrical system or cause the fire due to overloaded wires.◀

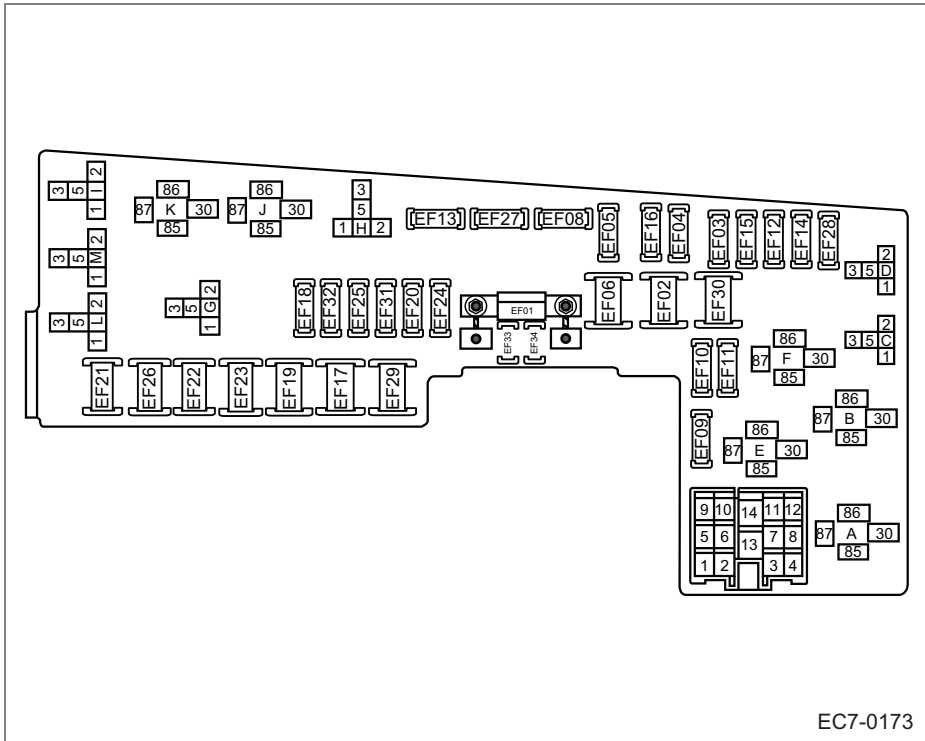
Underhood Fuse Box

1. Open the engine cover.



2. To check the fuse, please loosen the fixed lock catch on the graphic side and remove the cover of the fuse holder.

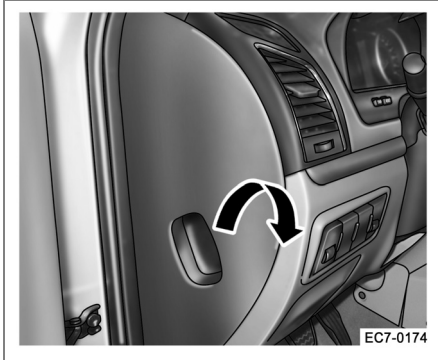
 Any electrical component where the liquid splashes onto will be damaged. Be sure to put on the cover of any electrical part.◀



Position	Amperage	Name	Remark
EF01	100A	Alternator Fuse	
EF02	60A	Battery Feed Fuse 1 in Interior Fuse and Relay Box	
EF03	10A	Alternator Signal-regulated Fuse	
EF04	10A	ECM Battery Feed Fuse	
EF05	15A	Fuel Pump Fuse	
EF06	30A	Keyless Start ACC Fuse	
EF07	-	-	
EF08	10A	LH High Beam Fuse	
EF09	10A	RH Beam Fuse	
EF10	10A	LH Lower Beam Fuse	
EF11	10A	RH Lower Beam Fuse	

Position	Amperage	Name	Remark
EF12	30A	Main Relay Fuse	
EF13	10A	Oxygen Sensor Fuse	
EF14	15A	Fuel Injector Fuse	
EF15	30A	Starting Solenoid Fuse	
EF16	10A	DRL Fuse	
EF17	30A	Power Seat Fuse	
EF18	30A	Keyless Start IG2 Fuse	
EF19	30A	Rear Defroster Fuse	
EF20	25A	ABS/ESC Fuse 2	
EF21	40A	ABS/ESC Fuse 1	
EF22	40A	IG1 Fuse	
EF23	60A	Battery Feed Fuse 2 in Interior Fuse and Relay Box	
EF24	15A	PEPS Battery Feed Fuse	
EF25	15A	Seat Cushion Heater	Export
EF26	40A	Blower Fuse	
EF27	10A	TCU IG Fuse	CVT Only
EF28	15A	Ignition Coil Fuse	
EF29	40A	Cooling Fan Fuse	
EF30	30A	Power Window Fuse	
EF31	15A	Vacuum Pump Fuse	JLB-4G13T Only
EF31	15A	Methanol Pump Relay Fuse	Methanol Application Only
EF31	5A	SOS Fuse	Export Only
EF32	20A	TCU Battery Feed Fuse	CVT Only
EF33	10A	Reserved	
EF34	5A	Reserved	

Central Power Distribution Box



The central power distribution box is located on the left of the instrument board. Open the protecting hood to check the fuse.

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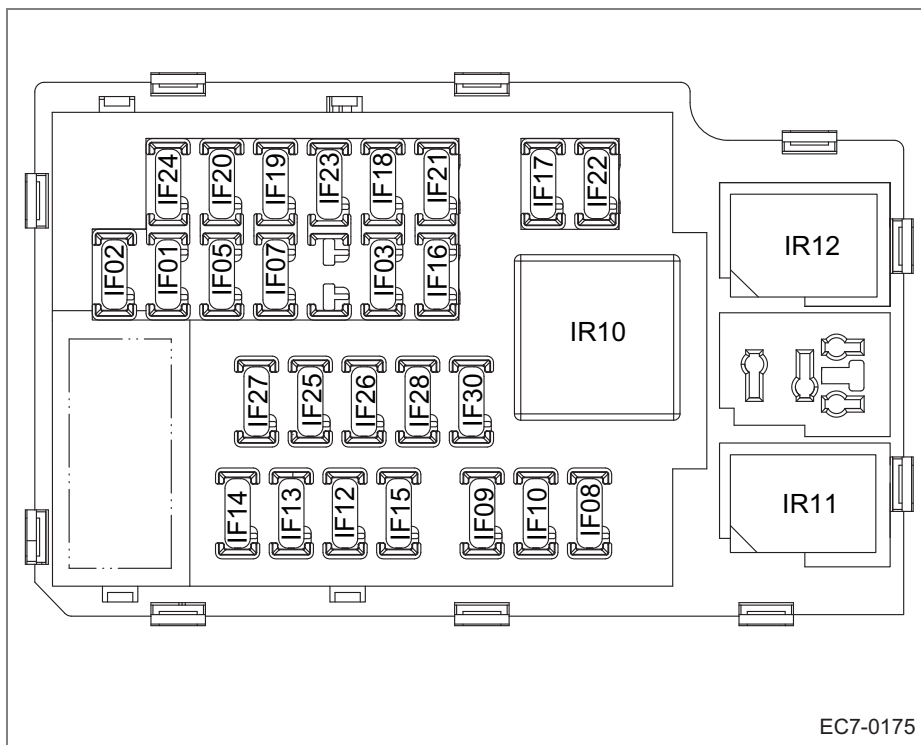
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EC7-0175

Position	Amperage	Name	Remark
IF01	10A	Rear Fog Light Fuse	
IF02	15A	Radio/Power-Driven Window Battery Feed Fuse	
IF03	30A	Sunroof Fuse	
IF05	10A	Anti-thief System Fuse	
IF07	10A	A/C Compressor Fuse	
IF08	10A	Radio/ Sunroof/ Rearview Mirror ACC Fuse	
IF09	15A	Vehicle Power Supply Outlet Fuse	Obligated
IF10	15A	Cigarette Lighter Fuse	
IF12	10A	ECM IG2 Fuse	
IF13	10A	ABS/ESC IG2 Fuse	

Position	Amperage	Name	Remark
IF14	10A	Backup Light Fuse	
IF15	10A	Air Bag IG2 Fuse	
IF16	10A	Rear Defroster Fuse	
IF17	10A	Hazard Warning /Turn Signal Fuse	
IF18	20A	Door Lock Fuse	
IF19	5A	Instrument Cluster/HAVC/BCM Battery/ Room Light/Sunroof Fuse	
IF20	10A	Brake Light Fuse	
IF21	10A	Diagnostic Interface/ Keyless Start System Fuse	
IF22	10A	Headlight Fuse	
IF23	10A	Position Light/Tail Light/Backlight/ License Plate Light Fuse	
IF24	10A	Horn	
IF25	10A	Instrument Cluster IG1/Power SunroofIG1/HAVC IG1/ Sunlight Sensor Fuse	
IF26	10A	BCM IG1 Fuse	
IF27	20A	Front Wiper Fuse	
IF28	10A	Rear Wiper Fuse	Hatchback
IF30	15A	Windshield Defroster	Export

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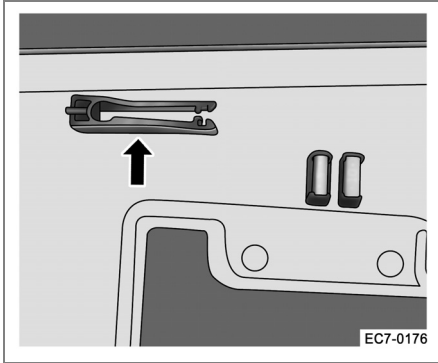
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Check or Replacement of Fuse

1. Close the "Start" switch and all the electrical equipment, and disconnect the battery negative cable.



2. Clamp the head of the fuse with the one end of the removable plier for fuse, and then pull it to dismantle the fuse. Check whether the metal wire of fuse is blown to identify the blown fuse.
3. Replace the blown fuse with another new fuse of the same amperage. If the new fuse is damaged immediately, ask a professional for maintenance immediately.

Replacement of Bulb

Since it is necessary to dismantle some vehicle parts when replacing bulbs, the related operations require professional skills. For the bulbs to be close only from the engine compartment, the replacement operation will be more dangerous and difficult, for there are many high temperature parts and moving parts in the engine compartment.

It is recommended that you head for the Geely Service Station to replace bulbs.

Bulb Specifications

Sedan

Part Name	Bulb Name	Type	Power
Front Combination Light Assembly	High Beam	H7	12V 55W
	Low Beam	H7	12V 55W
	Turn Signal Light	LED	-
	Front Position Light	LED	-
Rear Combination Light Assembly	Brake Light	P21W	12V 21W
	Rear Position Light	LED	-
	Rear Turn Signal Light	LED	-
Daytime Running Light Assembly	Daytime Running Light	LED	-
Rear Fog Light Assembly	Rear Fog Light	P21W	12V 21W
	Back-up Light	W16W	12V 16W
High Mounted Stop Light Assembly	High Mounted Stop Light	LED	-
License Plate Light Assembly	License Plate Light	W5W	12V 5W
Interior Front Dome Light Assembly	LH Reading Light	W5W	12V 5W
	RH Reading Light	W5W	12V 5W
Middle Interior Dome Light Assembly	LH Reading Light	W5W	12V 5W
	RH Reading Light	W5W	12V 5W
	Courtesy Light	C5W	12V 5W
Glove Box Light Assembly	Glove Box Light	C5W	12V 5W
Rear Cargo Light Assembly	Rear Cargo Light	W5W	12V 5W
Door Light Holder	Door Light	W3W	12V 3W

Hatchback

Part Name	Bulb Name	Type	Power
Front Combination Light Assembly	High Beam	H7	12V 55W
	Low Beam	H7	12V 55W
	Turn Signal Lights	LED	-
	Front Position Light	LED	-
Rear Combination Light Assembly	Brake Light	P21W	12V 21W
	Rear Position Light	LED	-
	Rear Turn Signals	PY21W	12V 21W
	Back-up Light	P21W	12V 21W
Daytime Running Light Assembly	Daytime Running Light	LED	-
Rear Fog Light Assembly	Rear Fog Light	LED	-
High Mounted Stop Light Assembly	High Mounted Stop Light	5 × W5W	12V 5W
License Plate Light Assembly	License Plate Light	W5W	12V 5W
Interior Front Dome Light Assembly	LH Reading Light	W5W	12V 5W
	RH Reading Light	W5W	12V 5W
Middle Interior Dome Light Assembly	LH Reading Light	W5W	12V 5W
	RH Reading Light	W5W	12V 5W
	Courtesy Light	C5W	12V 5W
Glove Box Light Assembly	Glove Box Light	C5W	12V 5W
Rear Cargo Light Assembly	Rear Cargo Light	W5W	12V 5W
Door Light Holder	Door Light	W3W	12V 3W

Vehicle Overheating

The vehicle overheating actually refers to the extremely high water temperature of the engine. If the warning light of the engine temperature flashes, it indicates the overheating engine, and it is necessary to handle the problem according to the following procedures:

1. Safely drive your vehicle off the road to a safe place, then stop it and turn on the emergency flash light. Shift the transmission to the neutral position (by manual) and step on the parking brake. If the air conditioner is in use, please turn it off.
2. If the cooling liquid or steam erupts from the radiator or the expansion tank, please shut down the engine. Open the engine hood after the steam fades. Without the ejection of cooling liquid or steam, keep the engine running and confirm the cooling fan is in operation. If not, turn off the "Start" switch.
3. Take a visual inspection to make sure whether the engine drive belt (water pump belt) is fractured or flabby. Check whether there is obvious cooling fluid leakage under the radiator, hose and vehicle. If there are some water droplets from the air conditioner in use, however, this is a normal phenomenon.
4. If the engine drive belt is fractured or there is cooling liquid leakage, immediately shut down the engine and notify the Geely Service Station or turn to a qualified repair shop.

5. If the engine drive belt is OK and there is no obvious water leakage, please check the cooling liquid expansion tank. If the expansion tank is dry, please add some cooling liquid to the tank to about a half height under the state of the engine in operation.
6. When the temperature of the engine cooling liquid drops to the normal one, check again the liquid level of the cooling liquid in the expansion tank. If necessary, add the cooling liquid to a half height. The severe loss of cooling fluid indicates that there is leakage in the system. It is necessary to ask the Geely Service Station or a qualified repair shop to check as soon as possible.
7. After parking in summer, the cooling fan is often automatically running and even runs for a long time, this situation is normal. When the engine cools down and it does not need the cooling fan to work any more, the cooling fan will automatically shut down.



In order to avoid injuries, you must keep the hood closed until there is no steam, the outflow of the steam or cooling fluid indicates that the pressure in the engine is high.

When the engine is running, keep your hands and clothes away from the running fan and the engine drive belt.

When the temperatures of the engine and radiator are high, do not remove the radiator cover. The extrusive high temperature steam and liquid can cause serious injury.◀

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Engine Stalling / Moving a Stuck Car

Engine Stalling

1. Be sure to slow down your vehicle gradually in straight driving way, carefully get it off the lane and park it in a safe place on the side of the road.
2. Turn on the hazard warning light.
3. Restart the engine.

If the engine cannot be started, please refer to the "Vehicle Can Not Be Started" section in the Chapter 5 "Starting and Driving"



If the engine does not run, the brake and the steering gear won't work, therefore, it is more difficult than usual to steer off or put on the brake◀

Moving a Stuck Car

If your vehicle is stuck in the snow, mud, sand, and other similar place, you can try to shift the gears between the forward gear and reverse gear to shake the vehicle forward and backward so as to get it out of trouble.



If someone or something is near the vehicle, do not move your vehicle in the way described above. When shaking the vehicle, the vehicle will suddenly move forward or backward after being out of trouble, which may cause injuries or damage to people or objects around.◀




If you want to shake the vehicle, please obey the following precautions so as to avoid damage to the transmission and other components:

- Before shifting the transmission to the forward gear or reverse gear, don't step on the accelerator pedal.
- Don't keep the engine idle and avoid wheel spin.

After shaking the vehicle for a period of time, if you still cannot get your vehicle out of trouble, please apply other methods, e.g. applying the traction tools.◀

Maintenance

Scheduled Maintenance

 The service interval, inspection, repair and recommended oil and lubricant specified in this manual are necessary to keep the vehicle in good condition. Any damages caused by failing to perform the scheduled maintenance may not be covered under warranty. ◀

Proper maintenance of the vehicle can help keep the vehicle in good condition and improve the environment as well. All the maintenance items recommended are particularly important. Improper maintenance of the vehicle can even undermine the quality of the air we breathe. Incorrect fluid level or tire inflation pressure may increase the emission amount of the vehicle. In order to protect the environment and keep the vehicle in good condition, be sure to perform maintenance correctly.

Using Maintenance Schedule

Though we expect that this vehicle could keep in good condition, we are unable to know your driving habits exactly. You may only have a short-distance driving a few times per week; you may also always have a long-distance driving in hot and dusty weather; you may use this vehicle as a delivery car; you may also drive the vehicle to work or handle affairs and so on.

Because of various driving habits, maintenance requirements are different. You may need a more frequent inspection and replacement.

Therefore, read the following contents and pay attention to your driving habits. If you have any question about how to keep vehicle in good condition, consult your Geely Service Station. This maintenance schedule is intended for the following vehicles:

- For vehicles which carry passengers and cargo within the specified loading ranges.
- For vehicles which are driven on appropriate roads at a speed within the limitation by the laws and regulations.

For vehicles which use the recommended fuel. Refer to "Fuel System" in Section 5 "Starting and Driving".



Vehicle maintenance operation may be dangerous. If you arbitrarily attempt to perform certain maintenance operations, you may be seriously injured. You can perform do-it-yourself maintenance only when you have basic knowledge about maintenance and appropriate tools and equipment. If you are not sure about this, ask your Geely Service Station for qualified technicians to perform the maintenance. ◀

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Some maintenance items are complicated. Therefore, have the maintenance performed by your Geely Service Station unless you have sufficient experience and skills and necessary equipment required by the maintenance. When you go to Geely Service Station for maintenance, the technicians who are well trained and approved by Geely Corporation will use genuine parts to complete the maintenance task. Correct oil and lubrication available for use is listed in the "Recommended Oil and Lubricant" section. Be sure to use these oils and lubricants when servicing the vehicle. You must replace all the related components and complete all necessary repairs before you or others start driving the vehicle. We recommend that you use the genuine parts provided by Geely Service Station.

Maintenance Record

Refer to "Warranty and Maintenance Manual" for details. Always have your Geely Service Station sign and stamp on the maintenance record sheet, each time the maintenance is completed.

Replacement of Brake Fluid

The brake fluid should be replaced once every two years or every 30,000 km, regardless of the driving distance or driving time of the vehicle. Geely Service Station will replace the brake fluid at the time of final maintenance within the first 2 years or at the time the accumulated mileage reaches 30,000 km if the vehicle is used for less than 2 years.

Exhaust Emission Control

Exhaust emission and evaporative control devices which conform to the legal regulations are installed on your vehicle. Incorrect engine settings may adversely affect exhaust emission, engine performance and fuel consumption and may also lead to overheating, causing damage to catalytic converter and engine.



The owner or repairer shall not replace, modify or adjust this device without authorization. Do not adjust any engine settings, as this may affect the emission level of the vehicle.◀

Do-it-yourself Maintenance



In case of a significant or sudden drop in the fluid level or an uneven tire wear, have your vehicle repaired by the Geely Service Station immediately.◀ In addition to the maintenance items mentioned above, the owner should perform some basic inspections frequently. The followings are some suggestions for you.

Daily Checks:

- Functions of lights, horns, wipers, washers and warning lights.
- Functions of seat belts and brakes.
- Check the underbody for traces indicating liquid leakage.
- Check the appearance of the tires.

Weekly Checks:

- Engine oil level.
- Coolant level.
- Brake fluid level.
- Power steering fluid level.
- Windshield washer fluid level.
- Tire inflation pressure and condition
- Operate the A/C system.

Note: *The engine oil should be checked frequently if the vehicle often drives at high speed.*

Poisonous Liquids

The liquid used in the vehicle is poisonous and never swallow it or allow it to come into contact with the unhealed wounds.

Poisonous liquids includes: acid solution of the battery, antifreeze fluid, brake fluid and power steering fluid, gasoline, engine oil and windshield washer fluid.

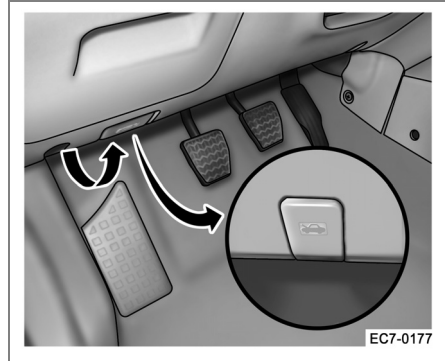
For the sake of safety, please read and observe all of the instructions printed on the labels and containers.

Used Engine Oil

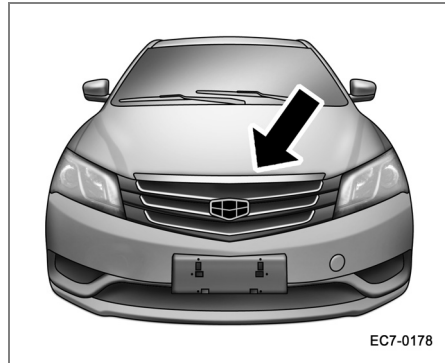
Long time contact with the engine oil may cause serious skin disorders such as inflammation and skin cancer. Wash thoroughly after contacting it. Do not dispose of used engine oil carelessly, and try to avoid environmental pollution.

Engine Hood**Open the Engine Hood**

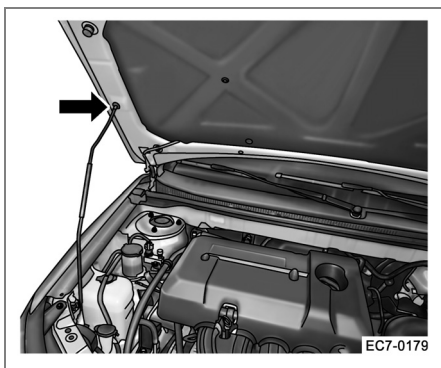
Open the engine hood according to the following steps:



1. Pull the engine hood release lever bearing this symbol. It is under the instrument panel at the driver side.



2. Push up the engine hood catch in the middle of the radiator grilles to disengage.



3. Remove the hood support rod and support the hood.

Close the Engine Hood

Put the engine hood support rod into the holding groove.

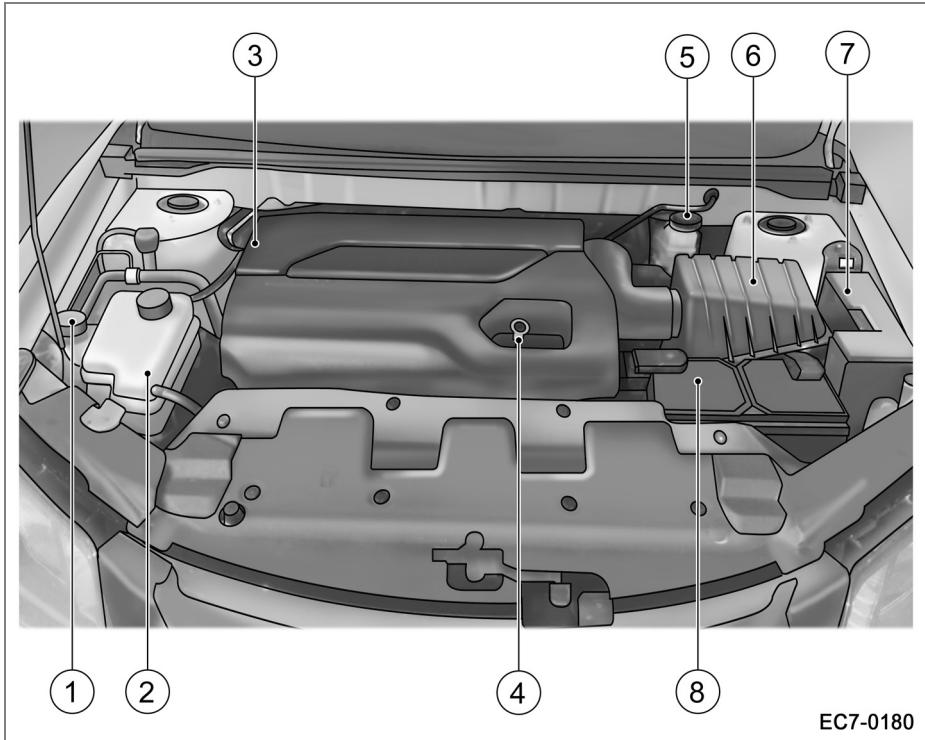
Release the engine hood and then press and hold the front edge of the engine hood at the two radiator grilles by the palms of your hands evenly. Press it down firmly until you hear a click. This indicates that the engine hood is closed. After the engine hood is closed, attempt to lift the front edge of the engine hood up to verify if it is fully locked.



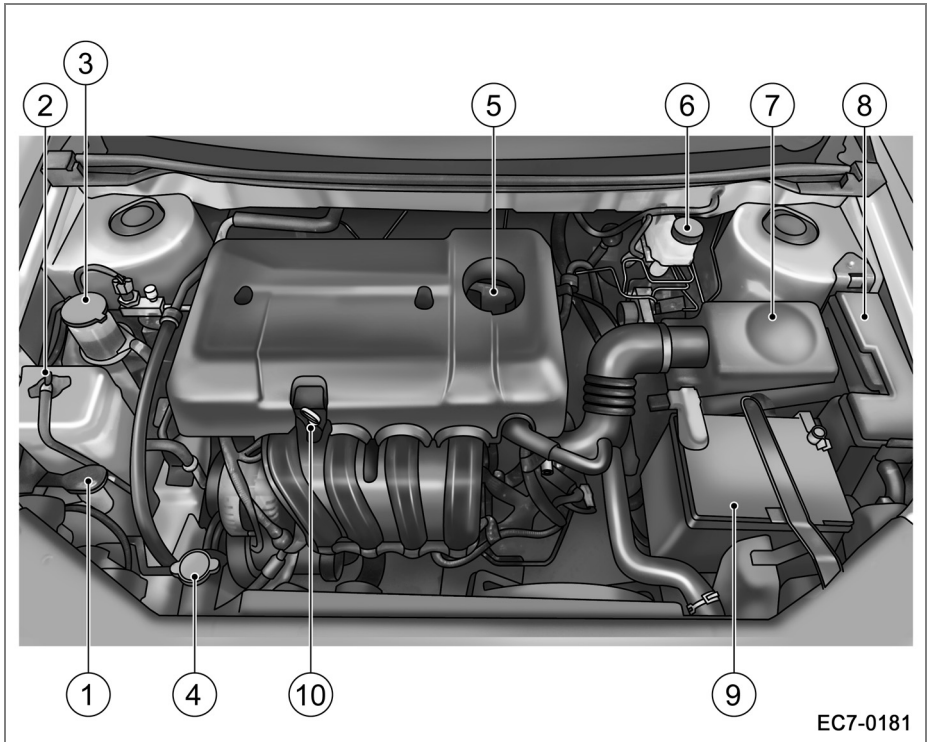
Do not drive while the engine hood is not correctly closed. The engine hood may suddenly open and block the driver's vision, causing vehicle damage or other property damage, or personal injury, even death.◀

Engine Compartment

JLB-4G13T Engine



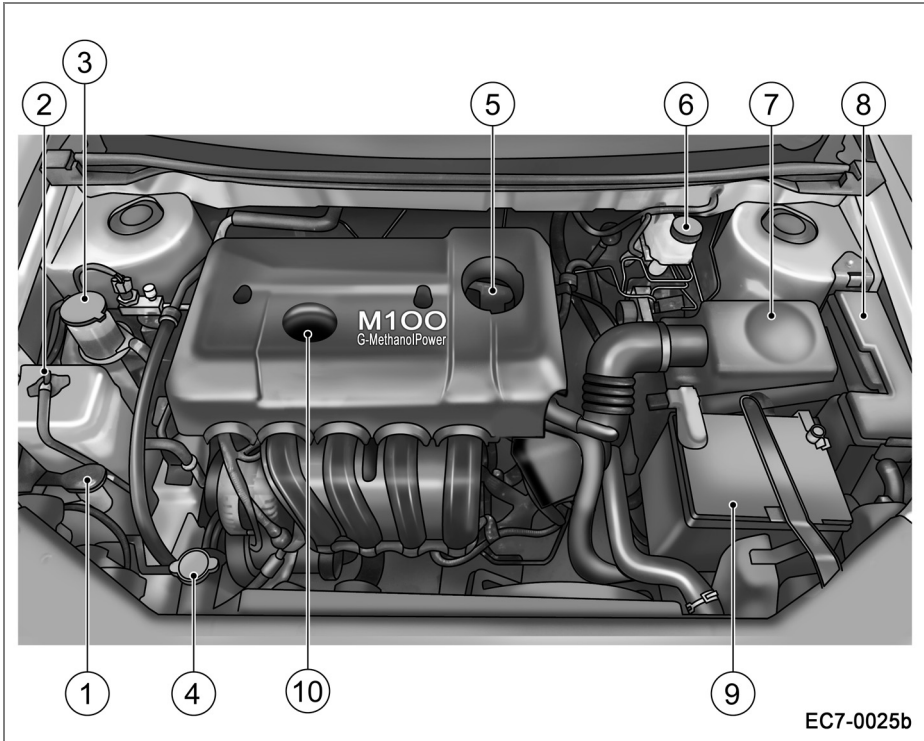
- | | |
|-----------------------------|--------------------------|
| 1. Washer fluid reservoir | 5. Brake fluid reservoir |
| 2. Engine coolant reservoir | 6. Air cleaner |
| 3. Engine oil filler cap | 7. Underhood fuse box |
| 4. Engine oil dipstick | 8. Battery |



EC7-0181

- | | |
|--------------------------------------|--------------------------|
| 1. Washer fluid reservoir | 6. Brake fluid reservoir |
| 2. Engine coolant overflow reservoir | 7. Air cleaner |
| 3. Power steering fluid reservoir | 8. Underhood fuse box |
| 4. Radiator cap | 9. Battery |
| 5. Engine oil filler cap | 10. Engine oil dipstick |

JLC-4M15 / JLC-4M18 Engine



EC7-0025b

- | | |
|--------------------------------------|--------------------------|
| 1. Washer fluid reservoir | 6. Brake fluid reservoir |
| 2. Engine coolant overflow reservoir | 7. Air cleaner |
| 3. Power steering fluid reservoir | 8. Underhood fuse box |
| 4. Radiator cap | 9. Battery |
| 5. Engine oil filler cap | 10. Engine oil dipstick |

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Engine

Checking and Adding Engine Oil

Make sure the lubricant is clean, or it will cause the premature wear of the bearings and even worsen the turbocharger and engine performance. Therefore, you must clean the engine oil filter element according to the scheduled maintenance.

It is better to check the engine oil level each time the oil is added. To obtain correct readings, check the engine oil level before the oil cools down and park the vehicle on even ground. A yellow ring handle is provided for the engine oil dipstick. Refer to "Engine Compartment" for the position of the engine oil dipstick.

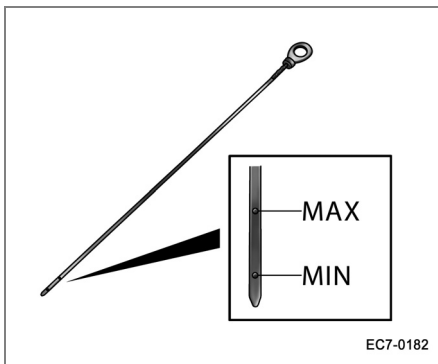
1. Turn the engine off and wait a few minutes for the oil to drain back into the oil pan. Otherwise, the engine oil dipstick may not indicate the actual oil level.
2. Pull the engine oil dipstick out and wipe it clean with a piece of paper towel or cloth. Then, insert it back into the bottom.

3. Pull it out again and check the oil level. Do not allow the oil level to fall below MIN mark on the engine oil dipstick.
4. If the engine oil falls below MIN mark, remove the engine oil filler cap and add engine oil until the oil level is between MAX and MIN marks of the engine oil dipstick.
5. After a few minutes, check the engine oil level again. Add a proper amount of engine oil again if necessary.
6. Finally, make sure that the engine oil dipstick is inserted in place and the oil filler cap is covered.

Use the engine oil recommended and approved by our company. Refer to "Recommended Oil and Volume" in Section 8 "Technical Data".



Dispose the used engine oil according to relative environment protection laws. ◀



Engine Air Cleaner / Filter Element

The engine air cleaner/filter element is located in the engine compartment on the front driver side of the vehicle.

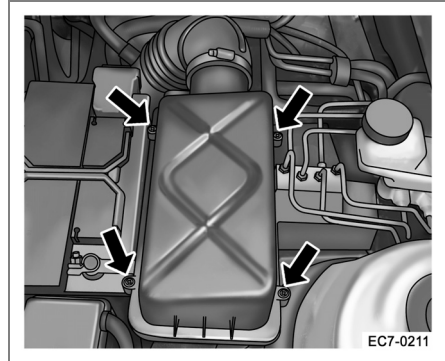
When to Check Engine Air Cleaner/ Filter Element

For the inspection interval of the engine air cleaner/filter element, refer to "Warranty and Maintenance Manual".

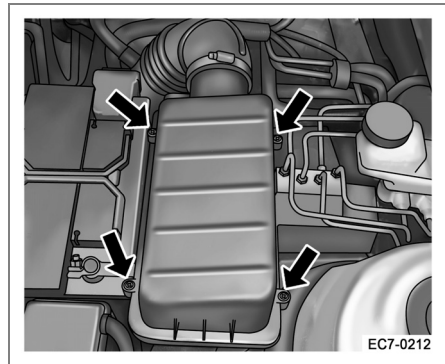
To check the air cleaner/filter element, remove the filter element from the vehicle and shake it slightly to shake off the dust and dirt. Replace the filter element with a new one if caked dirt remains on it. Clean the air cleaner according to the scheduled maintenance, and replace the air filter element every year or according to the driving mileage. Frequently check the sealing of the intake and exhaust system during normal operation. Check or replace the engine air cleaner/filter element according to the following steps:

Replacement of Engine Air Cleaner/Filter Element

Automatic Transmission (CVT)

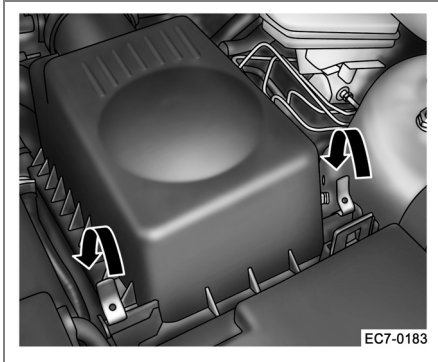


Manual Transmission (6MT)





1. Using a Phillips-head screwdriver, screw off the four set screws shown in the illustration.
2. Lift up the cover case of the filter element to remove it from the engine.
3. Pull out the filter element.
4. Check or replace the engine air cleaner/filter element.
5. Put the air cleaner/filter element in and install the cover case of the filter element.
6. Screw in and tighten the four set screws.

Manual Transmission (5MT)



1. Loosen the 2 clips on the top of the case for engine air cleaner/filter element.
2. Lift up the cover case of the filter element to remove it from the engine.
3. Pull out the filter element.
4. Check or replace the engine air cleaner/filter element.
5. Put the air cleaner/filter element in and install the cover case of the filter element.
6. Engage the 2 clips and tighten the cover in place.


 Running the engine without the air cleaner/filter element installed may cause you or others to get burnt. The air cleaner can not only purify the air, but also prevent naked flames when the engine backfires. If the engine backfires because the air cleaner is not installed, you may be burnt. Do not drive the vehicle before the air cleaner is installed. Also, you should be careful when working on an engine while the air cleaner/filter element is not installed.◀


 If the air cleaner or filter element is not installed, the engine may catch fire as a result of backfire, causing damages to the vehicle. In addition, the dust can enter the engine easily and cause damages to the engine. Therefore, you must drive the vehicle with air cleaner installed.◀


Cooling System

The function of the cooling system is to create an optimum temperature condition for the engine to operate under any operating condition.

The cooling system in your vehicle is filled with ethylene glycol based engine coolant. The coolant should be replaced every year.

 Even when the engine is not running, the electric cooling fan of the engine under the engine hood may start and cause injuries. Therefore, keep hands, clothes and tools away from the electric fan under the engine hood.◀

 The heaters, radiator hoses and other components of the engine may get very hot. Do not touch these components. Otherwise, you may be burnt. Do not run the engine in case of coolant leakage. Otherwise, this may cause all coolant run off. The engine may catch fire and you may be burnt. Therefore, all of the leakage points should be repaired before driving.◀

 Dispose of the used antifreeze fluid according to relative environment protection laws.◀

Check Engine Coolant

The vehicle must be stopped on level ground when checking the coolant level. Check that the coolant level in the coolant reservoir is between F and L lines. If the coolant in the coolant reservoir is boiling, do not perform any operation until it has cooled down. If the coolant level is lower than L line, fill the coolant reservoir with engine coolant according to the specified procedures.


How to Fill Coolant Reservoir with Coolant

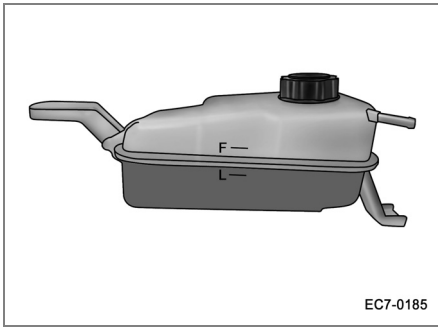
JLB-4G13T Engine

Do not open the pressure cap of the coolant reservoir until the cooling system (including pressure cap of the reservoir and upper radiator hose) has cooled down.





1. Slowly turn the pressure cap counter-clockwise. If a whooshing sound is heard, do not open it until the sound disappears. The whooshing sound means that the pressure in the reservoir is still present.
2. Continue turning the pressure cap and remove it.

 The steam and boiling liquid in a hot cooling system could spray out, and you may be seriously burnt. Because they are under pressure, once the pressure cap of the reservoir is opened, even it is slightly opened, the boiling liquid could spray out. Never open the pressure cap when the cooling system is still hot, including the pressure cap of the reservoir. If you need to open the pressure cap, be sure to wait for the cooling system and the pressure cap of the reservoir to cool down.◀




3. Fill the coolant reservoir with an appropriate amount of coolant until it reaches between F and L lines on the reservoir.

 You may be burnt if the coolant is spilled on the components of the hot engine. The coolant contains ethylene glycol, which may catch fire if the components of the engine are hot. Therefore, do not allow the coolant to spill on the hot engine. ◀

 Do not mix coolant of different brands or specifications. Various types of chemical components, such as anti-corrosion and anti-rust agents, are added to coolant of different brands. Mixing them into each other can easily lead to chemical reactions and cause harms such as sediment, scaling and corrosion, which may affect the life of the engine. ◀

4. With the coolant reservoir open, start the engine and allow it to run until the upper radiator hose becomes hot. Be careful of the engine cooling fan. At this time, the coolant level in the reservoir may fall. If the level falls, refill the reservoir with an appropriate amount of coolant until it reaches between F and L lines on the coolant reservoir.

5. Reinstall the cap. Make sure that the pressure cap is tightened in place by hand.

 If the pressure cap is not tightened, this may cause coolant loss and damage the engine. Be sure to tighten the pressure cap correctly. ◀

If the coolant level decreases significantly within a short time, there may be a leakage in the cooling system. Have your vehicle repaired by the Geely Service Station immediately.

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During a daily maintenance, you can fill the coolant without opening the radiator cap. Open the radiator cap only when coolant replace is required or the coolant is seriously insufficient, in order to fill the radiator with coolant.



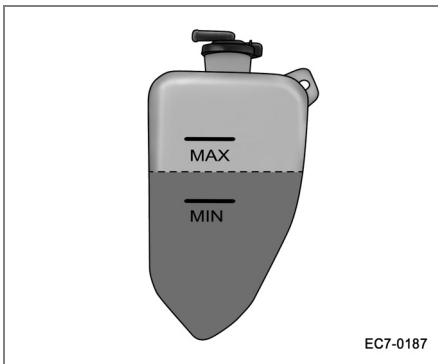
If you want to check the coolant level in the radiator, perform the check when the engine is cold.

⚠ The steam and boiling liquid in a hot cooling system could spray out, and you may be seriously burnt. Because they are under pressure, once the radiator cap is opened, even if it is slightly opened, the boiling liquid could spray out. Never open the radiator cap when the cooling system (including the radiator cap) is still hot. If you want to open the radiator cap, be sure to wait for the cooling system and radiator cap to cool down. ◀

▶ If the radiator cap is not tightened, this may cause coolant loss and damage the engine. Be sure to tighten the radiator cap correctly. ◀

When the engine is cold, the coolant level should be between MIN and MAX marks on the overflow reservoir. When the engine is hot, it should be slightly higher than MAX mark.

The level should not be higher than the MAX mark on the overflow reservoir after filling. When the engine becomes hot, the extra coolant caused by expansion may overflow from the exhaust valve on the radiator cap.



⚠ You may be burnt if the coolant is spilled on the components of the hot engine. The coolant contains ethylene glycol, which may catch fire if the components of the engine are hot. Therefore, do not allow the coolant to spill on the hot engine. ◀

▶ Do not mix coolant of different brands or specifications. Various types of chemical components, such as anti-corrosion and anti-rust agents, are added to coolant of different brands. Mixing them into each other can easily lead to chemical reactions and cause harms such as sediment, scaling and corrosion, which may affect the life of the engine. ◀

If the coolant level decreases significantly within a short time, there may be a leakage in the cooling system. Have your vehicle repaired by the Geely Service Station immediately.

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Brake System

Vehicles with excellent braking performance should be able to decelerate or stop timely and quickly at any speed within a short time and distance after the brake is applied. Excellent braking performance plays a very important role in improving the average vehicle speed and driving safety.

Worn brake linings cannot apply the brakes effectively for the vehicle. The brake lining wear depends mainly on the vehicle usage conditions and driving habits. If the vehicle is frequently driven in a city, driven for short distance or used as a race car, we recommend that you increase the inspection frequency of the brake lining thickness within the maintenance interval specified in "Warranty and Maintenance Manual".

The brake fluid should be replaced at least once every two years. If the brake fluid remains in the brake system for an extended period of time, air resistance may be produced in the system lines when the brakes are applied, causing the brake effect significantly worsened.



Do not apply the brakes suddenly when the vehicle is driving on a narrow road or on a road covered with rain, snow, ice or mud.

Before long downhill driving, the vehicle should be placed into a lower gear. Rely mainly on the engine braking to control the vehicle speed, with service braking playing a supplementary role. Never coast in neutral.

After the vehicle passes through the flooded roads, you should press the brake pedal several times continuously to remove the moisture on the brake linings so that the brake effect can return to normal.◀



Be sure to go to the authorized Geely Service Station for replacing your brake linings to ensure best braking effect between the brake linings and brake discs and the lowest wear.

At the first 200 to 300 km of driving, the frictional characteristics of the new brake linings have not reached their best condition, so break-in must be achieved. During this period, the braking effect decreases slightly. You can feel the braking effect by depressing the brake pedal using greater force than usual. Break-in should also be performed as above after new brake linings are replaced.

While driving, do not allow the vehicle to come within close proximity to other vehicles or be involved in a sudden braking. Care should be taken to prevent above conditions and avoid an accident, especially when driving with new tires and new brake linings.◀

Brake Pedal Travel

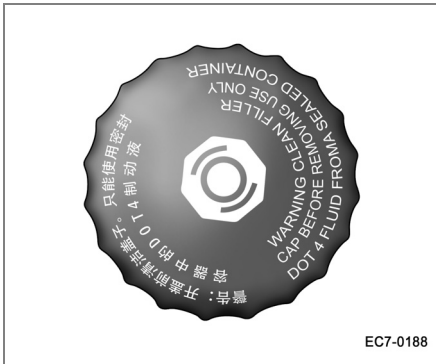
If the brake pedal cannot return to its normal height or the brake pedal travel increases too fast, consult your Geely Service Station. This may be a signal that the brake system requires repairing.

Replacement of Brake System Components

The brake system of the vehicle is very complicated. Many components require high quality. They must correctly fit to obtain ideal braking effect. Brake components of excellent quality are provided for this vehicle, which have undergone the tests. Be sure to use new approved replacements when the components of the brake system need to be replaced. Otherwise, the brakes may not operate normally. For example, will the balance between the front brakes and rear brakes change after brake linings unsuitable for this vehicle are installed? The result is certainly even worse. If incorrect brake replacements are installed, the expected braking performance may change in many other ways.

Brake fluid

The brake fluid reservoir should be filled with DOT4 or HZY4 brake fluid.




There are 2 reasons which can cause the brake fluid level in the reservoir to drop:


The brake fluid level may drop due to the normal wear of the brake linings. The level can return to normal after the new brake linings are installed.

The brake fluid level may also drop due to the brake fluid leakage in the brake hydraulic system. At this time, the brake hydraulic system should be repaired, as the brake fluid leakage may cause the brakes to lose normal operation.

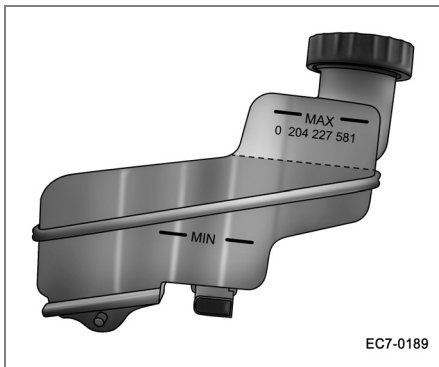
The leakage problem cannot be solved by just adding brake fluid. If the brake fluid is added when the brake linings are worn, the brake fluid stored in the reservoir may be excessive after the new brake linings are installed. Add or discharge the brake fluid as necessary only after the repair of the brake hydraulic system is finished.

The warning light of the brake system turns on when the brake fluid drops to a lower level.

 If excessive brake fluid is added, it may spill on the engine. If the engine is hot, this may cause a fire. You or someone else could be burnt and the vehicle could be damaged. Therefore, do not add brake fluid before the repair of the brake hydraulic system is finished. ◀

 Use new DOT4 or HZY4 brake fluid in an unopened container only.

Be sure to clean the reservoir cap or its surrounding area before unscrewing the brake fluid reservoir cap. This can prevent the dirt from entering the reservoir. ◀



The brake fluid level must be kept between MAX and MIN marks.

▶ The use of incorrect fluid may seriously damage the components of the brake hydraulic system. For example, the components of the brake hydraulic system may be damaged seriously just by adding a few drops of the mineral oil (such as engine oil), in such cases, they have to be replaced. Therefore, do not add wrong fluid. If the brake fluid is spilled on the painted surfaces of the vehicle, it may cause damage to the paint finish. Be careful not to allow the brake fluid to be spilled on the vehicle. If it is spilled on the vehicle, wash it off immediately.◀

Power Steering

Hydraulic Power Steering

When to Check the Power Steering Fluid

If your vehicle is equipped with a power steering fluid reservoir, refer to "Engine Compartment" in Section 7 "Service and Maintenance" for its exact position. Check the level of the power steering fluid every week.

How to check the power steering fluid



The check should be performed before the engine is started, when the system is cold with the front wheels facing straight ahead. If you want to check the power steering fluid:



Stop the vehicle on a level ground, place the wheels facing straight ahead, stop the engine and wait for it to cool down.

Open the engine hood and observe the level by the marks on the reservoir. The level should be between the MAX and MIN marks in the COLD status. If the level of power steering fluid is below MIN mark, add power steering fluid.

Specification of Power Steering Fluid

Use the power steering fluid recommended and approved by our company. Refer to "Recommended Oil and Volume" in Section 8 "Technical Data".

Front combination headlight Condensation of Front Combination Headlight

The front combination headlights adopt a ventilated design to adapt to the normal pressure changes in the lights. Therefore, condensation is a natural phenomenon brought by this design. When the moisture enters the combination headlights through the vents, the headlights may fog up if the outside air is cold. A thin coat of spray may be formed in the lenses of the headlights when condensation occurs. Under normal operating conditions, the spray in the headlights may dissipate automatically after the vehicle has been driven or headlights have been turned on for a while. This is a normal physical phenomenon.

The following conditions are acceptable:

- There is a thin coat of spray (without stripped water stains, dripping traces or tiny drops of water).
- The covering area of the spray on the lenses of the headlights is less than 50%.

The following conditions are unacceptable (usually caused by water leakage in the headlights):

- There are water puddles in the headlights.
- There is a large area of water drops, dripping traces or stripped water stains in the lenses of the headlights.

Have your vehicle repaired by the Geely Service Station authorized by our company if any of the above unacceptable conditions exists.

Battery

This vehicle is equipped with a maintenance-free battery. Refer to "Engine Compartment" in Section 7 "Service and Maintenance" for the position of the battery.



Battery posts, terminals and related accessories contain lead and lead compounds which can cause cancer and damage the reproductive system. Therefore, wash hands after touching them. ◀

Using and Maintenance of Battery

To extend the life of vehicle's battery and maintain the normal operation of the vehicle's electrical system, some suggestions are provided for you in the following:

- Prevent overcharging the battery or prevent the battery from discharging for a long time.
- The external charging should be performed as soon as possible when the battery voltage becomes insufficient and the lighting becomes dark, and the starting seems weak.
- The battery should be kept away from hot source and open flame. Keep good ventilation conditions while charging or using it to avoid injuries caused by fire.
- To prevent the battery from discharging a large current for a long time, the starting time should not exceed 5 seconds each time. The interval time between two times of continuous starting should be within 10 to 15 seconds.
- The battery should be securely installed on the vehicle to reduce vibration.

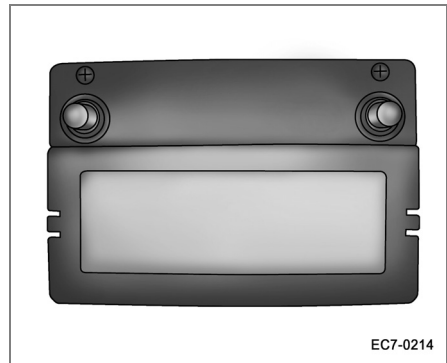
- Frequently check if the battery post clamps are securely and well connected to prevent sparks, which could result in battery explosion. The oxides and sulfates produced by the battery clamps must be scraped off and the clamps should be coated with petroleum jelly to prevent re-rusting.

When the vehicle is driven in cold areas, discharged battery should be avoided to prevent the electrolyte from freezing.

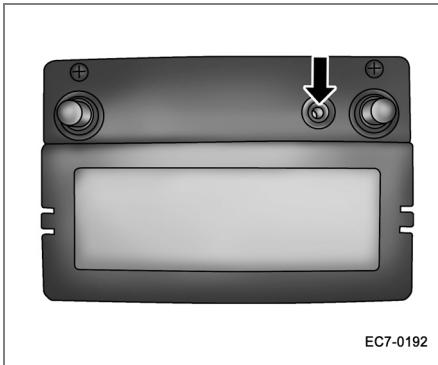
Inspection of Battery

This vehicle is equipped with a maintenance-free battery, and it is not necessary to add battery solution.

One type of battery is not equipped with an inspection hole (See below). You should contact the Geely Service Station for the inspection of the battery regularly.



The another type is equipped with an inspection hole on the top (See below). Please check the inspection hole for the battery charge status regularly.



Vehicle Storage

There is weak current consumption in the electrical system of the vehicle when the vehicle is stopped. If the vehicle is left for a long time, the battery may discharge. Therefore, if you plan to store your vehicle for an extended period of time, you should remove the black negative (-) cable from the battery to prevent the battery from being discharged.

Green: Battery is in good condition

Black: Battery needs to be charged

White: Battery needs to be replaced

Replacement of Battery

A battery with the same type and specification must be used for replacement. Have your battery removed, replaced and installed by the Geely Service Station authorized by our company.



After the battery is replaced, deliver the old battery to Geely Service Station for disposal or deliver it to the recycling station which can meet the relative environment protection laws. Battery contains corrosive acid solution. Keep the right side up during transportation and storage. Be careful not to drop the battery on the ground. ◀



The battery acid solution may cause burns and produce explosive hydrogen gas. You may be seriously injured due to negligence. Refer to "Jump Starting" in Section 6 "Roadside Emergencies" for hints about working around the battery to avoid injuries. ◀

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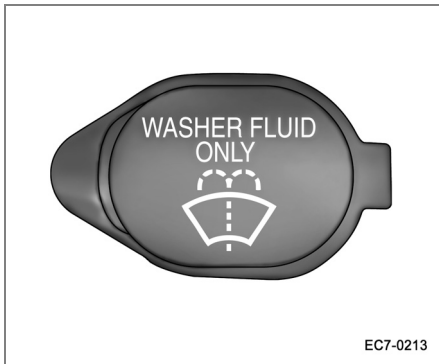
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Washer

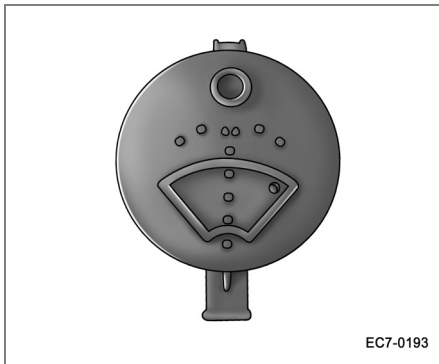
What Kind of Washer Fluid to Use

When the windshield washer fluid is needed, be sure to read the manufacturer's instructions before using. If the temperature in an area where you are driving falls below 0°C, washer fluid with sufficient freezing protection ability should be used.


JLy-4G15 / JLC-4G18 / JLC-4M15 / JLC-4M18 Engine



JLB-4G13T Engine



Open the filler cap with a washer symbol. Add the washer fluid to the indicated mark. Refer to "Service and Maintenance" in Section 7 "Engine Compartment" for the position of the reservoir. The washer fluid reservoir of the windshield provides washer fluid for the washers of the front and rear windshields.

 If concentrated washer fluid is used, dilute it with water according to the manufacturer's instructions.

Do not add water to ready-to-use washer fluid.

Otherwise, it may cause the washer fluid to be frozen and damage the washer fluid reservoir and other components of the washer system.


In addition, the cleaning ability of water can not match the washer fluid.

In very cold weather, the washer fluid reservoir can only be added to 3/4 full. This provides a space for the washer fluid to expand when it freezes, to avoid reservoir damage caused by freezing and expansion of the washer fluid in a full reservoir.

Do not use the engine coolant (antifreeze) for the windshield washer. This may damage the windshield washer system and paint finish of the vehicle.◀

Wiper

Wiper Blade

 Grease, silicon and petroleum products can easily impair the wiping effect of the wiper blades. Wash the wiper blades in the warm soapy water and check their conditions regularly.

Wash the windshield frequently and avoid using the wiper blades to scrape off the mud and sand on the windshield, as such operation may reduce the wiping effect of the wiper blades and shorten their life.

If you find that the rubber is hardened or cracked, or the wiper leaves a scratch on the window or cannot wipe certain areas, you should replace the wiper blade.

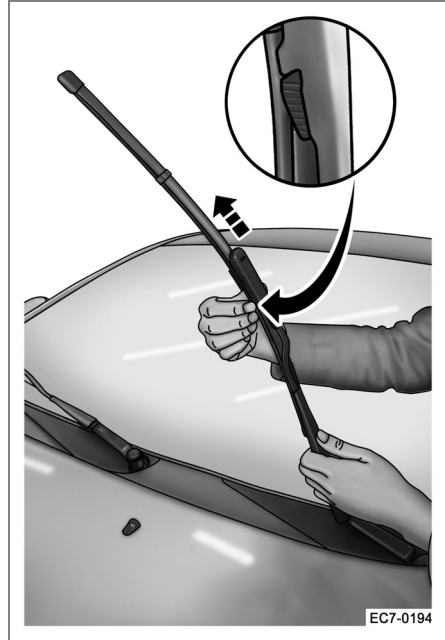
Clean the windshield with approved glass cleaner regularly and make sure that the windshield is thoroughly cleaned before the wiper blade is replaced.

Only use a wiper blade with the same specification as that of the original wiper.

If the wiper or windshield is covered by ice or snow or frozen, remove the ice or snow on the wiper and glass before using the wiper to avoid wiper damage.

When the windshield is dry or there are hard objects on its surface, do not use the wiper. Otherwise, this may damage the wiper blade and the windshield. ◀

Replacement of Front Windshield Wiper Blade



Check if the windshield wiper blade is worn or broken. To replace the windshield wiper blade:

1. Pull the windshield wiper blade from the windshield.
2. Press the clips on the both sides of the windshield wiper blade as shown in the illustration.
3. Pull the wiper blade in the direction indicated by the arrow and release it from the wiper arm.

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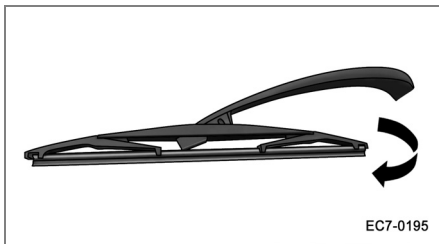
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4. Remove the windshield wiper blade. Without the windshield wiper blade installed, if you allow the windshield wiper arm to come into contact with the windshield, the windshield may be damaged. Any damages caused by the above reason are not covered under warranty. Do not allow the wiper arm to come into contact with the windshield.
5. To install the wiper blade, perform step 1 to 4 with the directions reversed.

Replacement of Rear Windshield Wiper Blade (Hatchback)



Check if the windshield wiper blade is worn or broken. To replace the windshield wiper blade:

1. Pull the windshield wiper blade from the windshield.
2. Turn the windshield wiper blade in the direction indicated by the arrow and remove it directly.
3. To install the wiper blade, perform step 1 to 2 with the directions reversed.

Tire

Your new vehicle is equipped with high quality tires, which are made by an industry leading tire manufacturer. If you have any question about the maintenance and repair station of the tires, refer to "Warranty and Maintenance Manual" of this vehicle for details. Consult your tire manufacturer for further information.



It is very dangerous if the tires are incorrectly used or lack maintenance.

Overload of the tires may cause the tires to overheat due to excessive deflection. It will cause air leakage and lead to a serious accident.

Under-inflated tires are as dangerous as the overloaded tires. An accident may be caused, resulting in serious injuries.

Make sure to check the tires frequently in order to maintain the recommended pressure values.

The tire pressures should be checked when the tires are cold. Refer to "Tire Inflation Pressure (Cold)" in Section 8 "Technical Data".

Over-inflated tires are more likely to be scratched, punctured, or exploded in case of a sudden impact, such as hitting a cavity. Therefore, please maintain the recommended tire pressure values.

Worn-out tires may cause accidents. If the treads of the tires are badly worn or the tires are damaged, replace them as soon as possible. ◀

Winter Tire


If frequently driving on roads covered with ice or snow is expected, it is better for the vehicle to use winter tires. Although all-season tires can provide excellent comprehensive performance on most of the surfaces, they could not provide the frictional force as you expected or the same performance level as that of the winter tires on the roads covered with ice or snow. Usually, the use of the winter tires is to increase the frictional force on the roads covered with ice or snow. When the winter tires are used, the traction may be reduced, the road noise may be increased and the life of tread pattern may be shortened on dry roads. After the winter tires are replaced, note the changes in vehicle handling and braking.

For supply of the winter tires and selection of appropriate tires, consult your Geely Service Station. If you choose to use winter tires:

- Tires of the same brand and tread pattern should be used on all four wheels.
- Only use radial tires with the same size, load capacity and rated speed as those of the original tires.
- If you choose to use winter tires with low rated speed, never exceed the maximum rated speed of the tires.

Tire Pressure

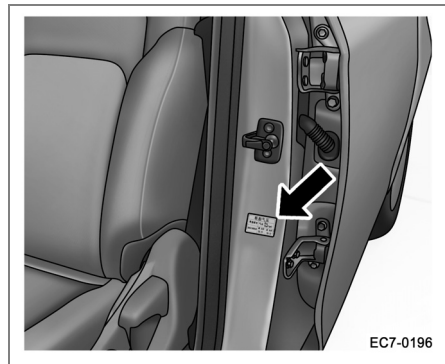
Only tires with correct inflation pressure can operate effectively.

 Do not believe the words that under-inflation or over-inflation of the tires does not matter. It is not the case. If the tires do not have sufficient air (under-inflation), the following conditions may occur:

- Excessive deflection and deformation
- Overheating
- Overloaded tires
- Premature or irregular wear
- Poor handling
- Decreased fuel economy

If the tires have excessive air (over-inflation), the following conditions may occur:

- Abnormal wear
- Poor handling
- Poor riding comfort
- Unnecessary damages caused by road hazards◀



A tire pressure label is attached to this vehicle. This label is located under the center pillar LH on the outside of the vehicle, which indicates the inflation pressures of the front, rear and spare tires.

When to Check the Tires

The tires should be checked at least once per month. Do not forget to check the spare tire. The inflation pressure of the spare tire should be 210 kPa.

How to Check the Tires

Use a pocket tire inflation pressure gauge of high quality to check the tire pressure. Whether the tire inflation pressure is suitable cannot be determined only by visual inspection. The radial tire looks very normal even if it is under-inflated. Check the tire inflation pressure when the tire is cold. A cold tire indicates that your vehicle has been stopped for more than 3 hours or has been driven for no more than 1.6 km. Remove the valve cap from the valve core of the tire. Firmly push the tire inflation pressure gauge onto the valve and measure the pressure. If the cold tire inflation pressure matches the recommended pressure value on the tire pressure label, adjustment is not necessary. If the inflation pressure is too low, continue inflating until it reaches the recommended pressure value. If the tire is over-inflated, press the metal valve core in the center of the tire valve to bleed the air. Use the tire inflation pressure gauge to check the tire inflation pressure again. Be sure to reinstall the valve cap onto the valve core. The valve cap can prevent dust and moisture from entering.

Tire Pressure Monitor System

Your vehicle is equipped with tire pressure monitor system (TPMS). The tire pressure monitor system detects the tire pressure level by radio wave and sensing technology. The tire pressure monitor system can monitor the tire inflation pressure of the vehicle and send the tire pressure reading

to a receiver in the vehicle. It alerts the driver to check the tire pressure by illuminating the malfunction indicator of the tire pressure monitor system. Each tire, including spare tire, should be checked once per month when the tire is cold and inflated to the inflation pressure recommended by the vehicle manufacturer (marked on the tire pressure label).

If the tire pressure malfunction indicator illuminates, one or more tires are obviously under-inflated. In this case, stop the vehicle as soon as possible, check the tire pressure and inflate the tire until the correct pressure value is reached. Driving with an obviously under-inflated tire may cause the tire to overheat and result in tire malfunction. In addition, under-inflation may decrease the fuel economy, shorten tread life and affect handling and braking performances of the vehicle. The tire pressure label attached to the vehicle indicates the correct inflation amount required by the tire when the tire of the vehicle is cold. The tire pressure monitor system on your vehicle can alert you that the tire pressure is too low. However, this cannot replace the normal tire maintenance. Refer to "Inspection and Rotation of Tire" in Section 7 "Service and Maintenance".

Note: The spare tire is not equipped with a tire pressure monitor sensor.

Inspection and Rotation of Tire

We recommend that you should check the tires (including spare tire) of the vehicle for signs of wear or damage regularly. Refer to "When to Use New Tire" in Section 7 "Service and Maintenance" for details. Tire rotation should be carried out every 10000 km. The purpose of carrying out tire rotation regularly is to equalize wear of all tires on the vehicle. This ensures that the vehicle can always exhibit a performance as close as possible to the performance when the tires are new. Once abnormal wear is found, rotate the tires as soon as possible and check the wheel alignment. In addition, check if the tires or wheels are damaged. Refer to "When to Use New Tire" and "Replacement of Wheel" in Section 7 "Service and Maintenance".

During tire rotation, be sure to rotate the tires as the correct rotating pattern shown in the illustration. Do not use compact spare tires when rotating the tires. After rotating the tires, adjust the inflation pressure of the front and rear tires as indicated by the tire pressure label on the vehicle. Refer to "Tire Pressure" in Section 7 "Service and Maintenance".



The rust or dirt on the wheels or on the connecting parts of the wheels may cause the wheel nuts to get loose after they are used for a period of time. The wheels may fall off and lead to accidents. Remove any rust or dirt from the connection between the wheels and the vehicle when replacing the wheels. In case of an emergency, you can clean it with cloth the paper; but, if necessary, please get rid of all rusts or dirt with a scraper or steel wire brush later.◀

When to Use New Tire

Various factors such as maintenance, temperature, driving speed, vehicle load and road conditions may affect the time that you need to replace a new tire.

Checking the tread wear indicator is a way to judge when to use a new tire. The indicator will be visible when the tread of the wheel is worn down to 1.6 mm or less.

A new tire should be used if any of the following occurs:

- The tread wear indicator appears in at least 3 places on the tire.
- The cord or cord fabric can be seen through the tire rubber.
- The treads or sidewalls have splits, cuts and cracks deep enough to expose the cord or cord fabric.
- The tires have bulges, bumps or separations. The tires with punctures, cuts or other damages that cannot be completely repaired due to the damaged area or portion.

The rubbers in the tires will degrade over time, even if these tires are never used. The same is true for the spare tires. There are many factors affecting the aging speed, including temperature, load and inflation pressure. Usually, if the tires can receive proper service and maintenance, they may have already been worn too badly for use before quality degradation due to aging. When the tires become old, consult your tire manufacturer for further details if you cannot determine when the tires should be replaced.



Please dispose of the used tires according to relative environment protection laws.◀

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Purchase New Tires

When you purchase new tires, make sure that the size, load range, rated speed and types of the construction of the new tires are the same as those of the original tires. In this way, the vehicle will exhibit an excellent and safe performance just like before when it is in normal use after the tires are replaced. We recommend that all four tires should be replaced together. This is because that the uniform tread depth on all tires helps the vehicle to achieve a performance as close as possible to the performance when the tires are new. If they are not replaced together, this may affect the vehicle braking and handling performance. Refer to "Inspection and Rotation of Tire" in Section 7 "Service and Maintenance" for information about proper tire rotation.


 Mixing tires may result in a loss of vehicle control while driving. If you mix tires of a different size or type (radial tires or bias-belted tires), the vehicle may be involved in a collision due to poor handling. Using tires of a different size and type may also cause vehicle damage. All wheels must use tires of correct sizes and types.◀

 If bias-ply tires are used on the vehicle, rim flanges may crack after a certain mileage. The tires and/or wheels may suddenly lose control, causing a collision. Therefore, only radial tires can be used on your vehicle.◀

Tires or Wheels of a Different Size

If you use wheels and tires of a different size from the original ones, this may affect your vehicle performances, such as braking, riding, handling, stability and anti-roll-over, etc.

If your vehicle is equipped with electronic system, such as anti-lock brake system, rollover airbag system, traction control system and electronic stability control system, etc., these systems may also be affected.


 If you have chosen a tire of a specification other than that recommended in this manual, your vehicle could not achieve satisfactory performance and safety, and the risk of collisions and serious injuries will be increased. Use only the specified wheel and tire system developed for your vehicle and have it correctly installed by the technicians approved by Geely Service Station.◀


Wheel Alignment and Tire Balance

To maximum the life of the tires and provide optimum overall performance, the tires and wheels are aligned and balanced carefully at the factory. It is unnecessary to adjust the wheel alignment and tire balance regularly. However, if abnormal tire wear or vehicle pull is found, the wheel alignment should be checked. If the vehicle bumps while driving on the flat road surfaces, the tires and wheels may require re-balancing. Have your Geely Service Station perform proper diagnosis.

Replacement of Wheel

Replace any bent, cracked or badly rusted or corroded wheels. If the wheel nuts become loose frequently, replace the wheel, wheel hub or wheel nuts. If the wheel leaks air, replace it. If any of the conditions above occurs, consult your Geely Service Station. They know which type of wheel should be used. The new wheel should be with the same load capacity, diameter, width and eccentricity as those of the replaced wheel. The installation method should also be identical. If you need to replace any wheel, wheel nut or the sensor of the tire pressure monitor system (TPMS), replace them with new Geely genuine replacements only. This ensures that the wheel, wheel nut and the sensor of the tire pressure monitor system match the vehicle.

 It is dangerous to use incorrect wheels and wheel nuts on the vehicle. This may affect the braking and handling performances of the vehicle, leading to air leakage of the tire and causing the vehicle to lose control. This may lead to an accident, causing an injury to you or other people. Therefore, be sure to use correct wheels and wheel nuts for replacement. ◀

 Using incorrect wheels may also cause problems, such as life of bearings, cooling of brakes, calibration of speedometer or odometer, aiming of headlights, height of bumpers, ground clearance of vehicle, clearances between tires/tire chains and vehicle body and chassis, etc. ◀

Using the Used Wheel

It is also dangerous to install used wheel on this vehicle. You do not know how it was used and how far it has traveled previously. It may suddenly fail and cause an accident. If you need to replace a wheel, be sure to use a new genuine wheel.

Tire Chain


Note: Tire chains are not provided for this vehicle. The following information is for reference only.



You can determine whether chains need to be added depending on the actual road demand.

When tire chains are used, avoid a fully loaded vehicle, if at all possible. Also, drive at low speeds cautiously. Failure to do so may damage the vehicle or affect the handling performance of the vehicle.

When installing tire chains, you must use chains that match the tire size of your vehicle and install them by strictly following the manufacturer's instructions.

 Do not use chains on dry road surfaces. ◀

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When Getting a Flat Tire

It is uncommon to have a blowout when the vehicle is in motion, especially when the tires are properly maintained. If the tire is deflated, it may be a slow air leakage. However, in the event of a blowout, the following symptoms may occur and appropriate measures should be taken: If one of the front wheels has a blowout, the vehicle may pull to this side due to the dragging effect. Release the accelerator pedal, and hold the steering wheel firmly. Make a turn to keep the vehicle in the original lane, and then gently depress the brake to stop the vehicle outside the lane. If a rear wheel has a blowout, especially when on a curve, its behavior looks like skidding, and the same measures as for the skidding should be taken. As long as a rear wheel has a blowout, the accelerator pedal should be released. Turn the steering wheel in the desired direction to maintain the control of the vehicle. It may vibrate seriously and make noise, but you can still control the steering. Gently depress the brake to stop the vehicle, and stop at the roadside if it is possible.

If a tire leaks air, drive slowly to a flat place to avoid further tire and wheel damages. Turn on the hazard warning light. Refer to "Hazard Warning Device" in Section 6 "Driving Failure".




Replacing tires may be dangerous. The vehicle may fall off the jack and roll over or fall over you or someone else. You and someone else could be seriously injured or even killed. Find a flat place to replace the tire. To prevent the vehicle from moving, the following measures should be taken:

- Apply the parking brake.
- Place the select lever of the manual transmission in reverse (R) position.
- Turn off the engine and do not start the engine when the vehicle is lifted.
- Do allow the passengers to sit in the vehicle.
- To ensure that the vehicle cannot move, you can place blocks on the front and rear sides of the tire that is farthest from the tire being replaced. In other words, it is the tire that is diagonally opposite the tire being replaced on the other side of the vehicle. ◀

Cleaning and Vehicle Maintenance

Cleaning of Interior

If the interior is often cleaned, it will stay in good conditions. Dust and dirt may accumulate on the vehicle interior, and cause damages to the surfaces of floor carpets, fabrics, leathers and plastic products. The stains should be removed immediately, as extremely high temperature may cause them to solidify quickly. If the color of the vehicle interior is very light, it needs to be cleaned more frequently. The newspaper and clothing which are easy to fade and stain the furniture and fabric may also stain your vehicle interior. Flick the dust from the small buttons and knobs with a small soft brush. When cleaning the vehicle interior, use only special cleaners to clean the surface of the vehicle interior. Failure to do so may cause permanent damage to the vehicle. To prevent excessive spraying amount, spray the cleaner directly to a clean rag. If the cleaner is sprayed on the surfaces of other objects in the vehicle accidentally, wipe it off immediately.

 When cleaning the glass surface on the vehicle, using abrasive cleaner may scratch the glass and/or cause damages to rear window defogger. Therefore, use only a soft cloth and glass cleaner when cleaning the glass on the vehicle.◀

The cleaner contains solvent that may condense on the vehicle interior. Read and follow all safety instructions on the label before using the cleaner. When cleaning the vehicle interior, open the doors and windows to secure good ventilation.

Do not use the following cleaners or methods to clean the interior:

- Do not use a razor blade or other sharp objects to remove the dirt on the interior surface.
- Never use a hard brush. It may cause damage to the interior surface of the vehicle.
- Never apply excessive force or forcefully wipe the surface with a cleaning rag.
- It will not enhance the decontamination effect. On the contrary, this may damage the interior.
- Use only a mild and neutral soap. Avoid using a strong detergent or degreasing soap. Excessive use of the soap may leave traces and adsorb the dirt.
- Do not wet the interior during cleaning. Using organic solvents such as naphtha or alcohol may damage the vehicle interior.

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Fabric / Floor Carpet

Use a vacuum cleaner with a soft brush to remove the dust and scum. The vacuum canister cleaner with a threshing cylinder lever in the nose piece can be used to clean the floor carpets and carpeted floor mat only. For stains, try to remove them with fresh water or soda water first. Before cleaning, choose one of the following methods to gently remove as many stains as possible:

- Liquid stains: Gently wipe up the remaining stains with a piece of paper towel. Try to allow the stains to be soaked and attached to the paper towel.
- Dry solid stains: Remove them as much as possible, and then use a vacuum cleaner to remove.

Cleaning Steps:

1. Dampen a clean lint-free white rag with fresh water or soda water.
2. Wring the rag dry to remove extra moisture.
3. Gently wipe from the edge to the center when removing the stains. Whenever the rag becomes dirty, use other clean areas to wipe.
4. Continue wiping gently until there are no stains left on the rag.
5. If the stains are too stubborn to be wiped up, use mild soapy water to repeat the cleaning methods above.

If the stubborn stains still cannot be wiped up, you should consider using a synthetic fabric cleaner or detergent. Before using these products, perform a color fastness test on a small area of place invisible in the vehicle. If the local cleaning effect is excellent and a round shape is formed, it can be used to clean the whole surface. After cleaning, the paper towel can also be used to absorb the extra moisture on the fabric or floor carpet.

Cleaning of Leather

A soft rag dampened with water can be used to remove the dust. If more thorough cleaning is required, use a soft rag dampened with neutral soapy water. Allow the leather to dry naturally. Do not bake it. Do not clean it with steam. Do not use spotting agent or stain remover on the leather. Many commercial leather cleaners and polishes used to protect the leather may cause permanent changes in the appearance and hand feeling of the leather. We don't recommend these products. Do not use silicon or wax based products or products containing organic solvent to clean the vehicle interior, as the gloss enhanced by them is uneven, causing changes to the appearance. Never use shoe polish on the leather.

Instrument Panel, Vinyl Resin and Other Plastic Surfaces

A soft rag dampened with water can be used to remove the dust. If more thorough cleaning is required, gently wipe the dust and dirt off with a clean soft rag dampened with neutral soapy water. Do not use spotting agent or stain remover on the plastic surfaces. Many commercial cleaners and polishes used to protect the soft plastic surfaces may cause permanent changes in the appearance and hand feeling of the vehicle interior. We don't recommend these products. Do not use silicon or wax based products or products containing organic solvent to clean the vehicle interior, as the gloss enhanced by them is uneven, causing changes to the appearance. Some commercial products may increase the gloss of the instrument panel. The enhancement of the gloss may cause unpleasant reflection on the windshield, and may even exert great impact on the vision permeability of the windshield under certain conditions.

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Contour Dimension

Domestic

Item	Unit	MR7132C01	MR7152C01	MR7152K05	MR7152L09
Length	mm	4,631	4,631	4,631	4,631
Width	mm	1,789	1,789	1,789	1,789
Height	mm	1,470	1,470	1,470	1,470
Front tread	mm	1,502	1,502	1,502	1,502
Rear tread	mm	1,492	1,492	1,492	1,492
Wheel-base	mm	2,650	2,650	2,650	2,650

Item	Unit	MR7132C02	MR7152C02	MR7152K06	MR7152L10
Length	mm	4,425	4,425	4,425	4,425
Width	mm	1,789	1,789	1,789	1,789
Height	mm	1,470	1,470	1,470	1,470
Front tread	mm	1,502	1,502	1,502	1,502
Rear tread	mm	1,492	1,492	1,492	1,492
Wheel-base	mm	2,650	2,650	2,650	2,650

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Technical Specifications

Item	Unit	MR7132L03	MR7132K04	MR7132L02	MR7132K05
Length	mm	4,631	4,631	4,425	4,425
Width	mm	1,789	1,789	1,789	1,789
Height	mm	1,470	1,470	1,470	1,470
Front tread	mm	1,502	1,502	1,502	1,502
Rear tread	mm	1,492	1,492	1,492	1,492
Wheel-base	mm	2,650	2,650	2,650	2,650

Item	Unit	MR7152L23	MR7132L04	MR7132C04	MR7152C05
Length	mm	4,425	4,425	4,425	4,425
Width	mm	1,789	1,789	1,789	1,789
Height	mm	1,470	1,470	1,470	1,470
Front tread	mm	1,502	1,502	1,502	1,502
Rear tread	mm	1,492	1,492	1,492	1,492
Wheel-base	mm	2,650	2,650	2,650	2,650

Item	Unit	MR7152L21	MR7132L05	MR7132C03	MR7152C06
Length	mm	4,631	4,631	4,631	4,631
Width	mm	1,789	1,789	1,789	1,789
Height	mm	1,470	1,470	1,470	1,470
Front tread	mm	1,502	1,502	1,502	1,502
Rear tread	mm	1,492	1,492	1,492	1,492
Wheel-base	mm	2,650	2,650	2,650	2,650

Item	Unit	MR7152L30M (Methanol)	MR7182L12M (Methanol)		
Length	mm	4,631	4,631		
Width	mm	1,789	1,789		
Height	mm	1,470	1,470		
Front tread	mm	1,502	1,502		
Rear tread	mm	1,492	1,492		
Wheel-base	mm	2,650	2,650		

Export

Item	Unit	EC7 1.5L Sedan	EC7 1.5L Hatchback	EC7 1.8L Sedan	EC7 1.8L Hatchback
Length	mm	4,631	4425	4,631	4425
Width	mm	1,789	1,789	1,789	1,789
Height	mm	1,470	1,470	1,470	1,470
Front tread	mm	1,502	1,502	1,502	1,502
Rear tread	mm	1,492	1,492	1,492	1,492
Wheel-base	mm	2,650	2,650	2,650	2,650

Mass Parameters

Domestic

Item	Unit	MR7132C01	MR7152C01	MR7152K05	MR7152L09
Seating capacity	Person	5	5	5	5
Curb mass	kg	1,335	1,265	1,250	1,250
Curb mass of front axle	kg	813	750	735	735
Curb mass of rear axle	kg	522	515	515	515
Design mass	kg	1,560	1,490	1,475	1,475
Design mass of front axle	kg	900	837	823	823
Design mass of rear axle	kg	660	653	652	652
Accelerator pedal free travel	mm	1 ~ 6	2 ~ 6	1 ~ 6	1 ~ 6
Brake pedal free travel	mm	5 ~ 15	5 ~ 15	5 ~ 15	5 ~ 15

Item	Unit	MR7132C02	MR7152C02	MR7152K06	MR7152L10
Seating capacity	Person	5	5	5	5
Curb mass	kg	1,321	1,251	1,236	1,236
Curb mass of front axle	kg	813	750	735	735
Curb mass of rear axle	kg	508	501	501	501
Design mass	kg	1,546	1,476	1,461	1,461
Design mass of front axle	kg	900	837	823	823

Item	Unit	MR7132C02	MR7152C02	MR7152K06	MR7152L10
Design mass of rear axle	kg	646	639	638	638
Accelerator pedal free travel	mm	1 ~ 6	2 ~ 6	1 ~ 6	1 ~ 6
Brake pedal free travel	mm	5 ~ 15	5 ~ 15	5 ~ 15	5 ~ 15

Item	Unit	MR7132L03	MR7132K04	MR7132L02	MR7132K05
Seating capacity	Person	5	5	5	5
Curb mass	kg	1,322	1,322	1,277	1,277
Curb mass of front axle	kg	802	802	762	762
Curb mass of rear axle	kg	520	520	515	515
Design mass	kg	1,547	1,547	1,502	1,502
Design mass of front axle	kg	889	889	849	849
Design mass of rear axle	kg	658	658	653	653
Accelerator pedal free travel	mm	1 ~ 6	1 ~ 6	1 ~ 6	1 ~ 6
Brake pedal free travel	mm	5 ~ 15	5 ~ 15	5 ~ 15	5 ~ 15

Technical Specifications

Item	Unit	MR7152L23	MR7132L04	MR7132C04	MR7152C05
Seating capacity	Person	5	5	5	5
Curb mass	kg	1,236	1,277	1,321	1,251
Curb mass of front axle	kg	735	762	813	750
Curb mass of rear axle	kg	501	515	508	501
Design mass	kg	1,461	1,502	1,546	1,476
Design mass of front axle	kg	823	849	900	837
Design mass of rear axle	kg	638	653	646	639
Accelerator pedal free travel	mm	1 ~ 6	1 ~ 6	1 ~ 6	2 ~ 6
Brake pedal free travel	mm	5 ~ 15	5 ~ 15	5 ~ 15	5 ~ 15

Item	Unit	MR7152L21	MR7132L05	MR7132C03	MR7152C06
Seating capacity	Person	5	5	5	5
Curb mass	kg	1,250	1,322	1,335	1,265
Curb mass of front axle	kg	735	802	813	750
Curb mass of rear axle	kg	515	520	522	515
Design mass	kg	1,475	1,547	1,560	1,490
Design mass of front axle	kg	823	889	900	837
Design mass of rear axle	kg	652	658	660	653

Item	Unit	MR7152L21	MR7132L05	MR7132C03	MR7152C06
Accelerator pedal free travel	mm	1 ~ 6	1 ~ 6	1 ~ 6	2 ~ 6
Brake pedal free travel	mm	5 ~ 15	5 ~ 15	5 ~ 15	5 ~ 15

Item	Unit	MR7152L30M (Methanol)	MR7182L12M (Methanol)		
Seating capacity	Person	5	5		
Curb mass	kg	1,262	1,262		
Curb mass of front axle	kg	737	737		
Curb mass of rear axle	kg	525	525		
Design mass	kg	1,487	1,487		
Design mass of front axle	kg	825	825		
Design mass of rear axle	kg	662	662		
Accelerator pedal free travel	mm	1 ~ 6	1 ~ 6		
Brake pedal free travel	mm	5 ~ 15	5 ~ 15		

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Export

Item	Unit	EC7 1.5L 5MT Sedan	EC7 1.5L 5MT Hatch- back	EC7 1.5L CVT Sedan	EC7 1.5L CVT Hatch- back
Seating capacity	Person	5	5	5	5
Curb mass	kg	1250	1236	1265	1251
Curb mass of front axle	kg	735	735	750	750
Curb mass of rear axle	kg	515	501	515	501
Design mass	kg	1,475	1,461	1,490	1,476
Design mass of front axle	kg	823	823	837	837
Design mass of rear axle	kg	652	638	653	639
Accelerator pedal free travel	mm	1 ~ 6	1 ~ 6	1 ~ 6	2 ~ 6
Brake pedal free travel	mm	5 ~ 15	5 ~ 15	5 ~ 15	5 ~ 15

Item	Unit	EC7 1.8L 5MT Sedan	EC7 1.8L 5MT Hatch- back	EC7 1.8L CVT Sedan	EC7 1.8L CVT Hatch- back
Seating capacity	Person	5	5	5	5
Curb mass	kg	1265	1251	1290	1276
Curb mass of front axle	kg	740	740	755	755
Curb mass of rear axle	kg	525	511	535	521
Design mass	kg	1,490	1,476	1,515	1,501
Design mass of front axle	kg	828	828	843	843

Item	Unit	EC7 1.8L 5MT Sedan	EC7 1.8L 5MT Hatch- back	EC7 1.8L CVT Sedan	EC7 1.8L CVT Hatch- back
Design mass of rear axle	kg	662	648	672	658
Accelerator pedal free travel	mm	1 ~ 6	1 ~ 6	1 ~ 6	2 ~ 6
Brake pedal free travel	mm	5 ~ 15	5 ~ 15	5 ~ 15	5 ~ 15

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Main Technical Parameters of Engine

Item	Unit	JLB-4G13T Engine	JLy-4G15 Engine	JLC-4G18 Engine
Engine type		Water-cooled, 4-cylinder in-line, 4-stroke, 16-valve, electronic control multipoint injection, turbocharged gasoline engine	Water-cooled, 4-cylinder in-line, 4-stroke, 16-valve, electronic control multipoint injection, natural aspiration gasoline engine	Water-cooled, 4-cylinder in-line, 4-stroke, 16-valve, electronic control multipoint injection, natural aspiration gasoline engine
Bore × Stroke	mm×mm	75×73.5	77.8×78.8	79.3×91.1
Total displacement	L	1.299	1.498	1.799
Rated power	kw	98	98±2	98±2
Maximum net power	kw	98	77.46	90.9
Rated power/speed	r/min	5,500	5800	6000
Maximum torque	N·m	185	140±3	170±3.5
Maximum torque/speed	r/min	2,000 ~ 4,500	4,000 ~ 4,800	4400
Stable idle speed	r/min	750 ~ 800	700 ± 50	700 ± 50
Firing order		1-3-4-2	1-3-4-2	1-3-4-2

Item	Unit	JLC-4M15 Engine (Methanol)	JLC-4M18 Engine (Methanol)	
Engine type		Water-cooled, 4-cylinder in-line, 4-stroke, 16-valve, electronic control multipoint injection, natural aspiration engine	Water-cooled, 4-cylinder in-line, 4-stroke, 16-valve, electronic control multipoint injection, natural aspiration engine	1
Bore × Stroke	mm×mm	77.8 ×78.8	79.3 ×91.1	2
Total displacement	L	1.498	1.799	3
Rated power	kw	78	95	4
Rated power/speed	r/min	5,600	5600	5
Maximum net power	kw	78	95	6
Maximum torque	N•m	140	168	7
Maximum torque/speed	r/min	3600	3800	8
Stable idle speed	r/min	750 ±50	750 ± 50	
Firing order		1-3-4-2	1-3-4-2	

Dynamic Performance Parameters

Domestic

Item	Unit	MR7132C01	MR7132C02	MR7152C01	MR7152C02
Maximum speed	km/h	≥ 182	≥ 172	≥ 170	≥ 170
Maximum climbable gradient	%	≥ 30	≥ 30	≥ 30	≥ 30

Item	Unit	MR7152K05	MR7152K06	MR7152L09	MR7152L10
Maximum speed	km/h	≥ 175	≥ 170	≥ 175	≥ 170
Maximum climbable gradient	%	≥ 30	≥ 30	≥ 30	≥ 30

Item	Unit	MR7132L03	MR7132K04	MR7132L02	MR7132K05
Maximum speed	km/h	≥ 182	≥ 182	≥ 172	≥ 172
Maximum climbable gradient	%	≥ 30	≥ 30	≥ 30	≥ 30

Item	Unit	MR7152L23	MR7132L04	MR7132C04	MR7152C05
Maximum speed	km/h	≥ 170	≥ 172	≥ 172	≥ 170
Maximum climbable gradient	%	≥ 30	≥ 30	≥ 30	≥ 30

Item	Unit	MR7152L21	MR7132L05	MR7132C03	MR7152C06
Maximum speed	km/h	≥ 175	≥ 182	≥ 182	≥ 170
Maximum climbable gradient	%	≥ 30	≥ 30	≥ 30	≥ 30

Item	Unit	MR7152L30M (Methanol)		MR7182L12M (Methanol)	
Maximum speed	km/h	Gas mode	≥ 170	Gas mode	≥ 175
	km/h	Methanol mode	≥ 170	Methanol mode	≥ 175
Maximum climbable gradient	%	Gas mode	≥ 30	Gas mode	≥ 30
		Methanol mode	≥ 30	Methanol mode	≥ 30

Export

Item	Unit	EC7 1.5L 5MT Sedan	EC7 1.5L 5MT Hatchback	EC7 1.5L CVT Sedan	EC7 1.5L CVT Hatchback
Maximum speed	km/h	≥ 175	≥ 170	≥ 170	≥ 170
Maximum climbable gradient	%	≥ 30	≥ 30	≥ 30	≥ 30

Item	Unit	EC7 1.8L 5MT Sedan	EC7 1.8L 5MT Hatchback	EC7 1.8L CVT Sedan	EC7 1.8L CVT Hatchback
Maximum speed	km/h	≥ 188	≥ 185	≥ 188	≥ 185
Maximum climbable gradient	%	≥ 30	≥ 30	≥ 30	≥ 30

Vehicle Fuel Economy

Domestic

Item	Unit	MR7132C01	MR7152C01	MR7152K05	MR7152L09
Combined fuel consumption	L/100 km	≤ 5.9	≤ 5.9	≤ 5.7	≤ 5.7

Item	Unit	MR7132C02	MR7152C02	MR7152K06	MR7152L10
Combined fuel consumption	L/100 km	≤ 5.9	≤ 5.9	≤ 5.7	≤ 5.7

Item	Unit	MR7132L03	MR7132K04	MR7132L02	MR7132K05
Combined fuel consumption	L/100 km	≤ 5.7	≤ 5.7	≤ 5.7	≤ 5.7

Item	Unit	MR7152L23	MR7132L04	MR7132C04	MR7152C05
Combined fuel consumption	L/100 km	≤ 5.7	≤ 5.7	≤ 5.9	≤ 5.9

Item	Unit	MR7152L21	MR7132L05	MR7132C03	MR7152C06
Combined fuel consumption	L/100 km	≤ 5.7	≤ 5.7	≤ 5.9	≤ 5.9

Item	Unit	MR7152L30M (Methanol)		MR7182L12M (Methanol)	
Combined fuel consumption	L/100 km	Gas mode	≤ 7.1	Gas mode	7.4
		Methanol mode	≤ 15.62	Methanol mode	15.98

Export

Item	Unit	EC7 1.5L 5MT Sedan	EC7 1.5L 5MT Hatch- back	EC7 1.5L CVT Sedan	EC7 1.5L CVT Hatch- back
Combined fuel consumption	L/100 km	≤ 6.9	≤ 6.9	≤ 7.2	≤ 7.2

Item	Unit	EC7 1.8L 5MT Sedan	EC7 1.8L 5MT Hatch- back	EC7 1.8L CVT Sedan	EC7 1.8L CVT Hatch- back
Combined fuel consumption	L/100 km	≤ 7.2	≤ 7.2	≤ 7.6	≤ 7.6

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Emission level

Domestic

Item	MR7132C01	MR7152C01	MR7152K05	MR7152L09
Emission level	National Emission Standard V	National Emission Standard V	National Emission Standard IV	National Emission Standard V

Item	MR7132C02	MR7152C02	MR7152K06	MR7152L10
Emission level	National Emission Standard V	National Emission Standard V	National Emission Standard IV	National Emission Standard V

Item	MR7132L03	MR7132K04	MR7132L02	MR7132K05
Emission level	National Emission Standard V	National Emission Standard IV	National Emission Standard V	National Emission Standard IV

Item	MR7152L23	MR7132L04	MR7132C04	MR7152C05
Emission level	National Emission Standard V	National Emission Standard V	National Emission Standard V	National Emission Standard V

Item	MR7152L21	MR7132L05	MR7132C03	MR7152C06
Emission level	National Emission Standard V	National Emission Standard V	National Emission Standard V	National Emission Standard V

Item	MR7152L30M (Methanol)	MR7182L12M (Methanol)		
Emission level	National Emission Standard V	National Emission Standard V		

Export

Item	EC7 1.5L Sedan	EC7 1.5L Hatchback	EC7 1.8L 5MT Sedan	EC7 1.8L 5MT Hatchback	EC7 1.8L CVT Sedan	EC7 1.8L CVT Hatchback
Emission level	Euro V	Euro V	Euro V / Euro IV	Euro V / Euro IV	Euro V	Euro V

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Wheel and Tire

Road Tire Model

Rim size	Tire size
16×7J	205/55 R16
15×6.5J	205/65 R15

Spare Tire Model

Rim size	Tire size
15×6.5J	205/65 R15

Dynamic Imbalance of Tires

Rim	Tire	Dynamic imbalance
16×7J	205/55 R16	≤ 5g
15×6.5J	205/65 R15	≤ 5g

Tire Inflation Pressure (Cold)

Wheel	Unit	Parameter
Front wheel	kPa	210
Rear wheel	kPa	210
Spare Tire	kPa	220

Wheel Alignment Parameters (Unloaded)

Domestic

Item	Unit	MR7132C01	MR7152C01	MR7152K05	MR7152L09
Front wheel maximum steering angle (Inside/Outside)	°	40°±2° / 33.8°±2°			
Front wheel camber	°	0±45' (Split: ≤ 30')			
Rear wheel camber	°	-44'±30' (Split: ≤ 30')			
Kingpin inclination	°	12°7'±45' (Split: ≤ 30')			
Kingpin caster	°	2°33'±45' (Split: ≤ 30')			
Front wheel toe	mm / °	0±2 / 0±13' (Split: ≤ 1.9mm /Split: ≤ 10')			
Rear wheel toe	mm / °	1.5±3 / 4'±30' (Split: ≤ 2.9mm /Split: ≤ 15')			

Item	Unit	MR7132C02	MR7152C02	MR7152K06	MR7152L10
Maximum front wheel turning angle (inside/outside)	°	40°±2° / 33.8°±2°			
Front wheel camber	°	0±45' (Split: ≤ 30')			
Rear wheel camber	°	-44'±30' (Split: ≤ 30')			
Kingpin inclination	°	12°7'±45' (Split: ≤ 30')			
Kingpin caster	°	2°33'±45' (Split: ≤ 30')			
Front wheel toe	mm / °	0±2 / 0±13' (Split: ≤ 1.9mm /Split: ≤ 10')			
Rear wheel toe	mm / °	1.5±3 / 4'±30' (Split: ≤ 2.9mm /Split: ≤ 15')			

Technical Specifications

Item	Unit	MR7132L03	MR7132K04	MR7132L02	MR7132K05
Maximum front wheel turning angle (inside/outside)	°	40°±2° / 33.8°±2°			
Front wheel camber	°	0±45' (Split: ≤ 30')			
Rear wheel camber	°	-44±30' (Split: ≤ 30')			
Kingpin inclination	°	12°7'±45' (Split: ≤ 30')			
Kingpin caster	°	2°33'±45' (Split: ≤ 30')			
Front wheel toe	mm / °	0±2 / 0±13' (Split: ≤ 1.9mm /Split: ≤ 10')			
Rear wheel toe	mm / °	1.5±3 / 4'±30' (Split: ≤ 2.9mm /Split: ≤ 15')			

Item	Unit	MR7152L23	MR7132L04	MR7132C04	MR7152C05
Maximum front wheel turning angle (inside/outside)	°	40°±2° / 33.8°±2°			
Front wheel camber	°	0±45' (Split: ≤ 30')			
Rear wheel camber	°	-44±30' (Split: ≤ 30')			
Kingpin inclination	°	12°7'±45' (Split: ≤ 30')			
Kingpin caster	°	2°33'±45' (Split: ≤ 30')			
Front wheel toe	mm / °	0±2 / 0±13' (Split: ≤ 1.9mm /Split: ≤ 10')			
Rear wheel toe	mm / °	1.5±3 / 4'±30' (Split: ≤ 2.9mm /Split: ≤ 15')			

Item	Unit	MR7152L21	MR7132L05	MR7132C03	MR7152C06
Maximum front wheel turning angle (inside/outside)	°	40°±2° / 33.8°±2°			
Front wheel camber	°	0±45' (Split: ≤ 30')			
Rear wheel camber	°	-44'±30' (Split: ≤ 30')			
Kingpin inclination	°	12°7'±45' (Split: ≤ 30')			
Kingpin caster	°	2°33'±45' (Split: ≤ 30')			
Front wheel toe	mm / °	0±2 / 0±13' (Split: ≤ 1.9mm /Split: ≤ 10')			
Rear wheel toe	mm / °	1.5±3 / 4'±30' (Split: ≤ 2.9mm /Split: ≤ 15')			

Item	Unit	MR7152L30M (Methanol)	MR7182L12M (Methanol)
Maximum front wheel turning angle (inside/outside)	°	40°±2° / 33.8°±2°	
Front wheel camber	°	0±45' (Split: ≤ 30')	
Rear wheel camber	°	-44'±30' (Split: ≤ 30')	
Kingpin inclination	°	12°7'±45' (Split: ≤ 30')	
Kingpin caster	°	2°33'±45' (Split: ≤ 30')	
Front wheel toe	mm / °	0±2 / 0±13' (Split: ≤ 1.9mm /Split: ≤ 10')	
Rear wheel toe	mm / °	1.5±3 / 4'±30' (Split: ≤ 2.9mm /Split: ≤ 15')	

Export

Item	Unit	EC7 1.5L	EC7 1.8L
Maximum front wheel turning angle (inside/outside)	°	40°±2° / 33.8°±2°	
Front wheel camber	°	0±45' (Split: ≤ 30')	
Rear wheel camber	°	-44'±30' (Split: ≤ 30')	
Kingpin inclination	°	12°7'±45' (Split: ≤ 30')	
Kingpin caster	°	2°33'±45' (Split: ≤ 30')	
Front wheel toe	mm / °	0±2 / 0±13' (Split: ≤ 1.9mm / Split: ≤ 10')	
Rear wheel toe	mm / °	0.75±3 / 4'±30' (Split: ≤ 2.9mm / Split: ≤ 15')	

Recommended Quantities and Products

Domestic

Item	Specification	Capacity
Gasoline	Unleaded gasoline of RON 92 or above	50 L
Gasoline (JLC-4M15/ JLC-4M18)	Unleaded gasoline of RON 92 or above	10 L
Methanol (JLC-4M15/ JLC-4M18)	GB/T 23510-2009 vehicle fuel methanol or GB 338-2011 industrial methanol (Class 1 or above)	53 L
Additives (JLC-4M15/ JLC-4M18)	Meet standard Q/JLY J7110811A-2013	500PPM
Engine oil (JLB-4G13T)	5W-30, API SL or above, Shell	4.0L (Dry) 3.5L (Wet)
Engine oil (JLY-4G15)	SAE 5W-30, API SL or above, meet standard GB11121-2006	4.0L (Dry) 3.5L (Wet)
Engine oil (JLC-4M15/ JLC-4M18)	L130 (Class SM)	4.0L (Dry) 3.5L (Wet)
Engine coolant	SH0521 standard specification for ethylene glycol base engine coolant (antifreezing fluid) for automobile and light duty service, freezing temperature $\leq -40^{\circ}\text{C}$	6.5 L
Manual transmission gear fluid (5MT)	Meet GB13895, API GL-4, SAE 75W-90 viscosity	2.3±0.2L
Manual transmission gear fluid (6MT)	API GL-4, SAE 75W-85 viscosity	2.0±0.1L
Automatic transmission fluid	ESSO EZL 799A or Idemitsu EXI	4.5 L
Brake fluid	DOT4 or HZY4	0.7 ± 0.02L
Power steering fluid	ATF DEXRON III	0.86 L
Windshield washer fluid	Water with hardness less than 205 g/1,000 kg or water solution mixed with correct amount of commercial additives	2.1 L

Technical Specifications

Item	Specification	Capacity
Air conditioning refrigerant (Methanol)	R134a	560±20g (JLC-4M15)
		500±20g (JLC-4M18)
Air conditioning refrigerant	R134a	560±20g (JLY-4G15)
		520g±20g (JLB-4G13T)

Export

Item	Specification	Capacity
Gasoline	Unleaded gasoline of RON 92 or above	50 L
Engine oil (tropical area)	SAE 10W-40, API SL or above, meet standard GB11121-2006	4.0L (Dry) 3.5L (Wet)
Engine oil (normal area)	SAE 5W-30, API SL or above, meet standard GB11121-2006	4.0L (Dry) 3.5L (Wet)
Engine coolant	SH0521 standard specification for ethylene glycol base engine coolant (antifreezing fluid) for automobile and light duty service, freezing temperature $\leq -40\text{ }^{\circ}\text{C}$	7.5L (tropical area) 6.5L (normal area)
Manual transmission gear fluid (tropical area)	API GL-4, SAE 85W-90 viscosity	2.3±0.2L
Manual transmission gear fluid (normal area)	API GL-4, SAE 75W-85 viscosity	2.3±0.2L
Automatic transmission fluid	ESSO EZL 799A or Idemitsu EXI	4.5 L
Brake fluid	DOT4 or HZY4	0.7 ± 0.02L
Power steering fluid	ATF DEXRON III	0.86 L
Windshield washer fluid	Water with hardness less than 205 g/1,000 kg or water solution mixed with correct amount of commercial additives	2.1 L

Item	Specification	Capacity
Air conditioning refrigerant	R134a	560±20g (JLY-4G15)
		500±20g (JLC-4G18)

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