

## ADVICE

This *User's Manual* clearly defines the agreement between CHERY Automobile Co., Ltd. and its customers on the product quality assurance, and the establishment and termination of rights and obligations on after-sales service. Please carefully read this *User's Manual* before using the parts manufactured by the CHERY Company.

## User's Manual for CHERY QQ3

You are sincerely congratulated to be an owner of CHERY QQ3! Thank you for your belief for Chery Automobile Co., Ltd and your choice for Chery products!

You will receive the high quality services from Chery Authorized Sales and Service Station whose employees have been trained well and specially.

State-of-art technology offers CHERY QQ3 the excellent performance. Selecting CHERY QQ3 shows that you have very high requirements on the performance and style of a vehicle.

Prior to using this car, please carefully read this User's Manual because the information hereto enables you to know how to properly manipulate and maintain this vehicle, and get the maximum enjoyable driving experience.

This User's Manual is applied to the CHERY QQ3 only.

Chery Automobile Co., LTD

This manual is compiled in accordance with the structural features of QQ3 manufactured by CHERY Automobile Co., Ltd.. This manual is applied to the QQ3. This manual covers the latest information until it is printed. Chery Automobile Co., Ltd. is fully responsible for the revision and explanation of this manual and reserves the right of changing products without further notice. Some pictures in the manual are the schemes only for references, and in the case of unconformity between objects and pictures, the objects will dominate.

This manual is the principal evidence, on which you can get the automobile quality guarantee and initial maintenance free of charge, and it should be placed in your vehicle so that it is available whenever it is needed. In the event that you want to sell your vehicle, please hand over the manual and complete set of documents together with the vehicle to the new owner so that the new owner can use it at necessary moment.

## Important Declaration

Before operating the products, please carefully read the Manual, which your rights for enjoy services of warranty from our corporation are lost due to the violation of the operational provisions.

CHERY Automobile Co., Ltd (hereinafter refer to as “the Company” or “CHERY Company”) has established the technical maintenance specifications of different phases and the running-in of new vehicle, including the maintenance on initial 5,000 km. The maintenance and care specified above are crucial for your vehicle safety and maintaining fine running conditions, so please abide by without violation.

In the event that your vehicle or its parts fail in the function due to misuse, negligence, improper operation, and maintenance that not in line with the prescribed interval of mileage/running hour, or signing the name or sealing on the maintenance evidence as required, or refitting /adding equipment on the vehicle without approval, you will lose the right of claiming, and any direct or indirect application for services of warranty will be

refused by the Chery authorized sales and service station.

In case that abnormality occurs to your vehicle during the operation, it must be overhauled and maintained by the Chery authorized sales and service station, and during the overhauling and maintenance the Chery authorized sales and service station has the right to decide whether to maintain the vehicle through the method of repairing or replacing identical part or component depending on condition of the vehicle.

If you are confused during reading the manual, Chery company and Chery authorized sales and service station will explain to you in detail, and at the same time precious opinions are welcome from our customers.

**WISH YOU A HAPPY DRIVING!**

The copyright of this manual belongs to the CHERY Automobile Co., Ltd.

**Chapter 1      Brief**  
**Introduction**

### **Prior to reading this instruction manual, you should learn about the following:**

Thank you for your purchasing a Chery vehicle. To help you use your car properly and ensure your benefit, please take time to read this manual carefully.

This manual contains some important information for daily operation and normal maintenance. It is designed to assist you to be familiar with operation of your car. Thorough familiarity with your vehicle will provide you enhanced security, lower cost and enjoyable driving experience. Any improper operation might cause

your vehicle damage, and you might lose your right to claim.

Regular maintenance will keep your vehicle in good condition and play a significant role in maintaining and the resale value of your vehicle. And many skillful auto repair technicians from Chery Authorized Service Stations nationwide can provide you high quality repair or maintenance service. Chery Authorized Service Stations are also the reliable sources for providing genuine spare parts from the original manufacturer.

### **■ SCOPE OF EQUIPMENT**

This manual specifies the utmost scope of would-be installed equipment for QQ3 series vehicles until printing this manual, i.e., all of the standard and optional

installation for QQ3 model. Some equipment may be only supplied in the future or to certain market, hence, some items in this manual may be inapplicable to your vehicle.

### **■ Warning Symbols In This Manual**



When using a vehicle, how to minimize the damage to vehicle and its equipment as well as prevent from passenger's injury? In this manual, the answers are contained in the explanations marked with triangle warning symbol. Please read it carefully and abide by relating contents.



Equipment marked with asterisk only are used for certain models, or only supplied for options for some kind

of models, or only supplied in certain market.



If you see this symbol in your vehicle, prior to any operations, you must read the relating chapters in this manual.

## Safety and environmental protection



We must shoulder our obligatory responsibilities and obligations in the effort of environmental protection. It is an important procedure to properly use a vehicle and dispose wasted cleaning articles as well as lubricants in accordance with relating regulations so as to achieve this goal. In this manual, arboraceous symbol is used to highlight the

above-mentioned information.

## ■ Inspection of a New Vehicle

Prior to hand over the vehicle to you, the dealer of Chery Automobile has already carried out inspection in accordance with the provision specified by Chery Company. The dealer should fill in the date of vehicle delivery in the “Vehicle Delivery and Inspection Record”, and stamp his official seal of specific dealer.

The dealer will check the performance of an entire car in accordance with “Vehicle Sales and Delivery Card of Chery Automobile”, and introduce common knowledge of using the vehicle, then the sales clerk and user sign their names to

complete the purchase.

## ■ Running-In of a New Vehicle

Owing to machining and assembling errors, the frictional resistance between the moving parts of a new vehicle will be much larger than normal condition at the initial stage. The running-in effect of the initial stage has considerable influences on the vehicle’s service life, operational reliability, and economy. So the using of a new vehicle must strictly comply with specifications on running-in.

### Specification of Running in Within 1,000 Km:

- Full speed is absolutely impermissible;

- In general, it shall not exceed 100km /h;
- Each gear shall avoid running at full throttle.

### **Specification of Running in within the Range of 1,000 - 1,500 KM:**

- It can gradually increase to the maximum speed or run at the maximum allowable speed of the engine.

### **Attentions Should be Paid after the Period of Running In:**

When driving a vehicle with speed meter, the allowable maximum transient speed is 6000 r/min. When manually shift the gear, if the cursor of speedometer reaches

the red indication area, it must switch into the adjacent high gear.

Unnecessary high speed of engine should be avoided. Change up as soon as possible is favorable for fuel saving, work noise decrease as well as environmental pollution reduction.

However, engine speed should not be too slow when cruise, only when the engine is overloaded should it is necessary to shift down.

When a vehicle is cold, no matter whether it is on neutral position or driving on certain gear, the engine should not work at maximum speed.

When using a new tire, at the beginning it has no optimal adhesive force. Hence, running-in for first-life tire is also quite

necessary. Under such circumstance, when driving during the first 100 km, it ought to be relatively slow, and the driver should be extraordinarily cautious.

Running-in for the new friction lining of brake is also quite necessary. When driving during the first 200 km, ideal friction of the brake is not available. In this phase, if the braking is comparatively poor, the driver can conduct properly larger pedal pressure. This action is also applicable to the newly replaced brake friction lining.

After 800 km of cruise, the wheel nut of a new vehicle must be again screwed down to specified torque. Refer to the chapter "Specification Parameters" in this manual for proper torque value. Similarly, if a

wheel is replaced or a wheel nut has ever been loosened, after 800 km of cruise, the wheel nut should be again screwed down according to specified torque value.

### ■ **One-to-One Service**

To provide better vehicle services as well as application, a Chery vehicle dealer will appoint one service consultant for you when you purchase a car. If you have any problems during the process of driving, please contact your consultant, who will provide you with high quality services.

## Vehicle Delivery and Inspection Record:

This vehicle's delivery inspection has been finished in accordance with the provision specified by Chery Company Limited, and the quality conforms to the technical specification of Chery Company. And the certification is presented herein.

Date of vehicle delivery: \_\_\_\_\_

**Seal of Dealer:**

Registration  
number:

Owner

Service Station

\_\_\_\_\_  
Name (unit)

\_\_\_\_\_  
Address

\_\_\_\_\_  
Manager of the service station

\_\_\_\_\_  
Telephone \_\_\_\_\_ Telephone \_\_\_\_\_





## Vehicle Sales and Devlivery Card of CHERY

Category	S/N	Item	Whether inspected and clarified or not	
			Yes <input type="checkbox"/>	No <input type="checkbox"/>
Performance of Complete Vehicle	1	Engine	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	2	Engine oil, brake fluid, steering fluid, coolant, electrolyte, windshield washer fluid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	3	Identifications such as VIN number, engine number, nameplate, etc.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	4	Locks and keys of the complete vehicle	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	5	Lighting system of the entire vehicle includes headlamp, directional signals, fog lamp, combination light, interior light, stop lamp, reverse light, taillight, reading light, door lamp and instrument light.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	6	Windshield glass and body finish	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	7	Speedometer, tachometer, and odometer.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	8	Wheel house, spare tyre in luggage boot, tool box and User's Manual for complete vehicle.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	9	Seat belt, seat, cigarette lighter, A/C switch and duct, glove box and sun visor.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	10	Window regulator, rearview mirror, wiper, washer, horn/speaker, radio (CD) and antenna	Yes <input type="checkbox"/>	No <input type="checkbox"/>

## Brief Introduction

Common Sense of Application	1	93# gasoline for fuel	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	2	Proper use in running-in period	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	3	Operation of complete set of vehicle lights	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	4	Meanings of warning light.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	5	Proper maintenance time and mileage	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	6	Items of vehicle maintenance in winter/summer	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	7	Proper understanding on cooling system and use of coolant	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	8	Proper operation of air conditioner	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	9	Precautions while starting the vehicle	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	10	Proper operation of audio devices	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Signature of seller: _____ Date: _____ Signature of owner: _____ Date: _____				

## “One-to-One” Consulting Service Card

Owner's name:

Date of Purchase:

Dealer of Sale Service:

Model:

VIN No.

The following items shall be confirmed by the owner.

I. Confirmation of matters of concern when delivery (√ for yes and “×” for no)

- Basic methods of application has been introduced, vehicle has been inspected face to face when delivery
- Warranty service regulation has been clarified
- Notices of driving have been clarified
- The significance of regular maintenance as well as maintenance time/ mileage intervals has been clarified
- The significance of accepting maintenance /service in Chery Authorized Service Station has been acknowledged.
- "Maintenance Manual" and "Instruction Manual" have been delivered, and reminded the owner to read carefully
- Usage and function of Chery Company's customer service hot line have been acknowledged

II. Introduction of “one-to-one” consulting service mode (√ for yes and“×” for no)

- Always contact your service consultant if the owner has any problem or requirement, while not someone else
- The service consultant is the only person who is designated by the service station to communicate with the owner

"one-to-one ": only one service consultant shoulders the responsibility of one owner

If not satisfied, owner can select another service consultant

III. Introduction of service consultant's main work ( “√” for yes and “×” for no)

Service and reception of repair and maintenance requirement  
Accept complaints

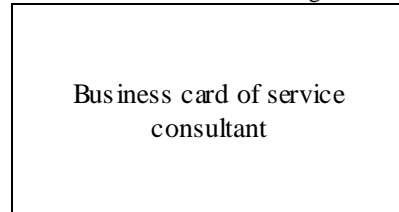
Regular maintenance reminding and return visit  Consulting and solutions for repair/maintenance

Regular greeting return visit  Repair/maintenance reservation accepting

Service activities reminding and return visit  Annual review reminding/accepting

Significant festivals greeting  Miscellaneous items handling of owner's requirement

IV. Establishment of “one-to-one” consulting service relation



Signature of owner / date:      Signature of service consultant/ date:

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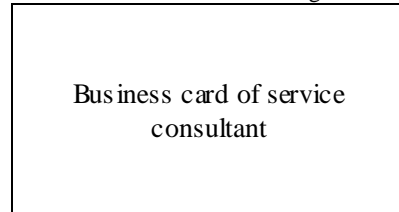
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

IV. Establishment of “one-to-one” consulting service relation











Signature of owner / date:      Signature of service consultant/ date:

# Notices Before Drive






Description of Common Symbols on Vehicle






Symbol	Definition
	CHECK ENGINE
	Glass Drive Switch Prohibited
	Rear Fog Lamp
	Front Fog Lamp
A/C	Air Conditioning System






Symbol	Definition
	Antilock braking system
	Safety warning
<b>EPC</b>	Throttle fault indicator lamp
	Cigarette Lighter
	Brake system warning light

Symbol	Definition
	Position light
	Engine oil pressure warning light
	Coolant temperature overhigh warning light (red)
	Coolant temperature normal indicator (green)
<b>SRS</b>	Identification of air bag










## Notices Before Drive

Symbol	Definition
	Battery
	High beam
	Low beam
	Headlamp switch
	Parking brake indicator light

Symbol	Definition
	Seat belt ready
	Hazard warning flasher
	Battery positive
	Air bag fault indicator
	Fuel level low

Symbol	Definition
	Windshield washing
	Horn
	Vehicle maintenance indicator
	Windshield defrosting/defogging
	Inner circulating air

## Notices Before Drive

Symbol	Definition	Symbol	Definition	Symbol	Definition
	Lockup indicator		Rear windshield heating indicator		Outer circulating air
	Unlock indicator		Indicator for interior lamp switch		
	Warning light for door and trunk lid open		Audible alarm		
	Right turn signal lamp indicator		Left turn signal lamp indicator		



# **Notices Before Drive**



## Operations in the phase of test-drive

Some simple protective measures should be followed during the initial running-in period which can improve drivability and economy of the vehicle and prolong its service life.

- Do not run engine in high speed at idle;
- Do not overload engine possibly while using transmission drive;
- Avoid using emergency brake unless there is an emergency;
- Avoid stepping down accelerator at neutral during start;
- The engine requires a period of time for warming-up after start
- Avoid drawing other cars;
- Avoid any rigor operations such as emergent start, sudden acceleration and long-time high speed running which will not only do harm to the

engine, but also increase fuel and oil consumption and even damage engine components. And especially try to avoid stepping down accelerator pedal to the end under bottom gear.

## Before entering the car

- Inspect if windows, outside rearview mirror and lamps is clean or damaged;
- Inspect if tire pressure is normal;
- Inspect if all vehicle lights are normal;
- Watch if there is any obstacles behind the car;
- Inspect if fuel pipes leak
- Inspect if engine oil level and other fluid level are within standard range.

## Before driving

- Make sure that you have known the condition and equipments of the

vehicle, and how to operate them safely.

- Adjust the position of the seat;
- Adjust the angle of interior and outside mirrors on the car.
- Insure that all passengers have tied up their seat belt.
- When turning the ignition switch to position II, you should inspect whether the alarm lights have gone out after automatic detection.

### ! Notice

**Please inspect if windows, rear windshield, all lamps, signal transmission system and warning indicator are normal. Do not put anything on rear luggage**

rack, or it will limit the back line of sight and Keys

Equip two keys adapted to all lockholes on the car, and one of them is a spare key. Key code card of the key is pasted on the number cap. Do not leave code card in the car for car's safety. Put it at a safe place and remember key code. Do not record key code in the car to prevent anyone who got this code to copy the key without permission.

### ! Notice

Do not leave the key in the car.

1. Lock the car.
2. Take the key with you.

hurt the passengers by the movement of luggage



### Locks

You can open and lock the front door from outside with the equipped key. Rotate the key counterclockwise to open the door and clockwise to close it.

### ! Notice

Before leaving your car, ensure all of the doors and rear compartment lid have been locked when there is no one to take charge it.

while emergent stopping or shocking.



You can lock or open the door with the lock button on the side of the windows.

Except the left-front door, you can lock all of the doors from outside by pressing the lock button and closing the door.

When you leave the car, you can only lock the left front door from outside with the key.

Unlock                      Lock



When opening the door from outside, you can pull the outer handle.  
When opening the door from inside, you

can pull the inner handle.



## ! Notice

Do not leave children or animals alone in the car. 1.To prevent asphyxiation especially in hot seasons.  
2.They may move the car unexpectedly.



## Central Control Lock

**Central control lock is controlled by the driver side door (left-front door).**

**When locking or opening the driver door (left-front door) with key or pressing the lock button, all the doors can be locked or opened**

**simultaneously.**

## ! Notice

Before leaving the car, lock the left-front door when there is no one to take charge.





## Children Security Lock

On each of the back door there is a children security lock which can prevent the passengers at the back, especially the children to open the door from inside unexpectedly by pulling the inner handle.

has been locked so as to prevent any damage to the handle.



## Burglarproof No-Key Entering System

No-Key Entering System can open the door in a distance of 6 meters through a sensor. The LBD on the sensor lights up to indicate the sensor in operation.

1、LOCK button: Lock all doors. When danger signal light has glittered 3 times, the burglarproof system is in operation.

Press down the metal lock pin under the lock of each back door, then the door can not be opened from inside and the handle is also locked, that is, when the children security lock has been locked, the inner handle can not open the door.



2、UNLOCK button: Open all doors. When danger signal light glittered twice, the burglarproof system is closed.

### ! Notice

Children at the backseat may open the back door unexpectedly.

1. Move the children security lock pin to the locking position.
2. Do not pull the inner handle of the door when the children security lock

### ! Notice

The effective range of the sensor will change with environment.

## Activating door Lock and Burglarproof Mode

- Close all the windows;
- Turn ignition key to B, and pull out the key;
- Let all passengers get off the car.

## Relief of Door Lock and Burglarproof Mode

Press UNLOCK button on the sensor to unlock all doors and hazard warning lamp glitters twice at the same time, burglarproof mode is exited.

**Normal status:** If there is not interruption and fault, hazard-warning lamp will glitter twice, and the interval between each glitter is 0.5 sec.

## Replace Sensor Battery:

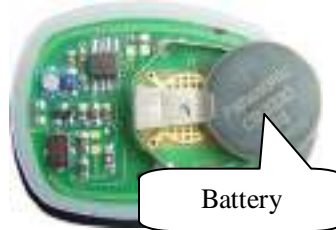
Sensor indicator lamp does not glitter, which means that battery needs to be replaced, but sensor can still be used for a

- Close all doors and hoods and trunk lid.
- Press down the LOCK button on the sensor so as to lock all of the doors. Those cars equipped with power window lifting system will automatically raise all windows, and at the same time hazard warning lamp glitters 3 times and the burglarproof mode is started.

period of time.

Replace a Panasonic CR2032 battery (or other equivalent 3V battery) in following process:

- Insert a screwdriver into the gap between the sensor cover and separate the 2 covers of the sensor.



- Insert a screwdriver into the gap between the sensor covers and separate them.

- If the ignition switch is set on II, the burglarproof mode does not work but the function of locking still work normally.

### ! Notice

If you use key to lock the door, the burglarproof mode can not be activated. Please use sensor if you want to activate that mode.

- Pull the sensor power supply out of the cover and disconnect the attachments carefully and put it at a clean place.
- Install new battery, make sure that the polarity is correctly placed (cathode facing bottom)
- Install the attachments and put the sensor power supply into the cover.
- Close the two covers of sensor.
- Check whether the sensor can work properly.

### ! Notice

The waste Li-battery will do harm to the

environment:

- Do not drop the waste battery as living garbage;
- Dispose the waste battery according to the local reclaim regulations.
- Sensor might be damaged
- Do not reverse the polarity of the sensor
- Prevent falling
- Do not lay anything heavy on the sensor
- Do not let the sensor touch water or be exposed to straight sunlight
- If the sensor get wet, clean it with a soft piece of cloth

## Power Window Switch

When the ignition switch is set to “IP”, we can operate power window through power window switch on the inner handle. Press down the top of switch, window glass will fall. while pulling up the top of switch, window glass will rise. Loose the switch when window glass reaches to an ideal position.

### ! Notice

- Pull off the ignition key when leaving the car so as to prevent any unnecessary hurt to the children caused by their operation when left alone.
- Do not spread hands, head or any other thing out of the window.
- The unexpected close of the window will cause serious damage, so do not let the children play with the electric window switch.



## Manual Sunshade-Roof

Operate with your hands to tilt sun shade roof up.

Before doing this, check whether roof antenna is at a proper position.

Pull forward to open it.

Press the button and raise sunshade roof to an ideal position.

Press the button again and pull down sunshade roof handle to close the sunshade roof.



### ! Notice



The sun shading top can not open when there is sundries on it.

- Clean the top before open it.
- Eliminate the water drops, snow, ice and sands before opening the sun shading top.
- Do not place anything heave on the sun shading top or around. Please close the sun shading when leaving the car alone.

### Outer Rearview Mirror

Adjust the outer rearview mirror to see both sides of the road clearly and confirm the position of the things you saw. Move the outer rearview mirror to an ideal position (for the movable lens) or use adjustment button (for the joystick) directly so as to adjust the angle of the mirror.



The outer rearview mirror at the passenger side is a convex, so things you see in it will be closer than what it is actually. Use this mirror you can watch much wide of the road behind you. When entering a narrow roadway or washing your cars, you can push back the mirror which will properly collapse to the body.

### ! Notice

The around line of sight might be weakened which will increase the possibility of accidents. Please adjust the angle of the rearview mirror and check whether there is any damage on the mirror. Use defroster, atomizer and blower to eliminate the ice and frost.

The outer rearview mirror shows thing

closer, so use inner rearview mirror to clear the rear line of sight. Do not block the rearview range from the driver seat.



## Inner Rearview Mirror

The inner rearview mirror can be moved up and down as well as left and right so as to get the best line of sight.

There are 2 positions for the inner rearview mirror which are daytime and night. During daytime the high speed joystick should be moved to daytime position. At night the joystick should be adjusted to "Night" position to weaken the beam of the headlight of the cars behind.



### ! Notice

To maintain the rearview range of the driver, choose daytime and high speed for the best line of sight. If you choose night position, it will decrease the definition of the rearview mirror.

## Front Seat Slipping Adjustment

Draw up the control joystick under the front seat and slip it to an ideal position, then loose the joystick.



anything under the seat which will disturb the seat adjustment organ.

## Front Seat Tilt Adjustment

Pull up the joystick at the side of the seat to adjust the backrest to an ideal angle, and then loose the joystick.

### ! Notice

- Do not adjust the driver seat during driving so as to prevent the car to be out of control.
- The looseness of the seat belt will reduce its protection function.
- Adjust the front seats before tying the seat belt.
- Do not leave



### ! Notice

Do not adjust the backrest when driving. Do not tilt the seat too much to prevent the seat belt slide. Adjust the backrest to a vertical angle for max protection functions.

## Headrest

The headrest is designed to decrease the

Disassembly the headrest:

- Pull the headrest up to the highest

danger of hurting the cervix. You can adjust its altitude by pulling up or press down it.



### ! Notice

The headrest is to prevent any hurt. Do not drive before adjusting it. Adjust its altitude so that the back of the head can touch the middle part of the headrest. After the adjustment, fix the position of the headrest. Please make sure the headrest has been adjusted and fixed to the right position before drive.

position.

- Insert a small screwdriver into the

notch of the left guide bushing.

- Touch the head of the stop perch with the screwdriver and pull the headrest out from the bushing.



Folding process:

- Lift the seat cushion to vertical.



- Pull up the lock button on the seat backrest, loose the backrest, and fold in the direction of front and down.
- If you want the seat backrest get back to the vertical position, just

pull up the backrest and pull the backrest to the proper position.

- If you want the cushion back to the original position, just put it to a proper position and pull and press to the lock position.

## ! Notice

- Do not pile any goods on the back seat because it may cause damage when the goods moving.
- Notice when the backseat get back to the vertical position:
  1. Checks whether the seat backrest and seat cushion have been locked at a firm position by pushing or pulling.
  2. Ensure that the seatbelt is not twisted or stuck in the seat backrest, and place it at a proper position.

## Folding Backseat Backrest

Fold down the backrest to increase the space of the trunk.

### Seat Belt Precaution Measure

To protect the passenger, the entire passenger must correctly use seatbelt during driving. One seatbelt for only one person, and those children under 6 years old are not suitable to use seatbelt, and you should assembly proper child seat or assistant cushion for your child.

#### ! Notice

Passengers may get hurt in a collision or emergent stop, so they must use seatbelt at anytime. Do not use one belt by several people. Do not put anything hard or fragile in the pocket or clothes clinging to the seatbelt. Misusage of the seatbelt will cause serious damage. Do not change the seatbelt or attach any equipment which will affect the employment of the seatbelt. The worn seatbelt cannot be used any more which will probably affect the safety of the people.

When using a seatbelt, please use it and maintain the belt and child protection system with correct method in order to decrease the damage to the people in a collision or emergent stop.

#### ! Notice

Misusage of the seatbelt may cause damage or even death to people. The seatbelt should be firm and the seat backrest should be adjusted to vertical. Do not lean on the backrest when driving the car. Do not use it if the belt twisted. Do not tie the belt cross down the arm which should be at the middle of the shoulder, and also do not wrap it around the head or neck. Tie it clinging to the buttocks but not waist. If the seatbelt tied too loosely, it will increase the rate of hurt to people because the body will slide under a loose belt. The loose button of the seat belt should face outside. Insert the pin of the belt into the appointed connection lock. Do not put anything at the shield board hatch of the seatbelt to prevent it from getting stuck. If it gets stuck, the only way is to entangle the entire belt into the reel and then pull the ideal length out according to the need.

### Maintenance of the Seat Belt

The seat belt should be maintained clean and dry, avoiding any pollution by polishing composition, oil, chemical, especially by the acid of the accumulator. Please wash with litmusless soap. Do not blanch or dye the belt which will probably do harm to the belt. Prevent the seat belt from any sharp-edged things. Check the belt regularly for any damage and replace those worn ones in time. The over strained belt should be replaced after an accident. Chery suggests replacing all the components of the seatbelt after a collision. But after a slight collision, if the Chery Service Station does not check out any damage, and all the components can work normally, there is no need to replace. If there is any damage or false with the seat belt and its components which has not been used in an accident, they also need to be tested and replaced if necessary.

## ! Notice

The worn seat belt may cause serious damage, so check the seat belt components regularly. After a collision, you must take all the seat belt components to the Chery Service Station for a check and replace them according to the need. If the belt has been damaged or polluted, it must be replaced. After a serious collision, the seat belt components must be replaced no matter there is evident damage or not. If the seat belt is not suitable, it will arouse much more serious damage. Do not change seatbelt at will.

## For pregnant woman

Suggest the pregnant woman to refer to the doctors for the usage before using the seatbelt.

## ! Notice

In order to avoid any damage to the pregnant woman and the infant during the travel, please use “three points on the cross” connected seatbelt if possible and tie it as low as possible to cross the entire

pregnant position (refer to the doctor).

## Children Protection System

Be sure to use proper children protection system when bringing any infants or children.

The children protection system should be assembled on the seat according to the height and weight of the child.

Status shows that proper children protection system will be safer if it is assembled on the back seat rather than the front seat.

## ! Notice

Infants and children should be kept in the children protection system. Do not assemble the backward children protection system on the front seat with air bag.

If the children protection system is assembled on the front seat, child will probably be seriously hurt when the air bag charged and inflated.

Please assemble the children protection system on the back seat as possible as you can. If it must be assembled on the front passenger seat, the seat should be adjusted back as possible.

## ! Notice

- Assemble the children protection system according to the instruction provided by the manufacturer.
- Tie is firmly or remove it when there is no use.
- Do not hold your child in arm when riding on the car.

If the children protection system is too small for your child, just let him or her sit on the back seat and tie up the seat belt. If the child sit at the position with crossed seat belt, and the belt is close to his or her face or neck, you should move the child to the middle, that is lean to the inner part of the belt, and put your child at a place without crossed seat belt if possible.

## Three point seat belt

There is three points seat belt with brake limit on every Chery car. Although the spring-plugged seat belt is cooperated well, the body is permitted to move freely during a smooth running.

There is a sensitive reel on the seat belt which is used to lock the seat belt in violent acceleration and deceleration. Please do not test the lock of the seat belt by rush forward forcibly. This kind of seat belt does not need to adjust the length which will automatically adjust according to the movement of the passenger. But it will automatically lock to limit the movement of the body of the passenger in a sudden collision or impulsion.

## Using the Seat Belt

Pull the seat belt out from the reel and tie it to the body ensuring the belt is not twisted, and insert the metal pin (1) into the buckle loop (2).

### ! Notice

If it gets stuck, the only way is to entangle the entire belt into the reel and then pull the ideal length out according to the need.



If you want to offload the seat belt, just press the red button on the ouch, just press the red button on the ouch, the belt

will retract automatically.

## Connecting Seat Belt

Connecting seat belt is assembled in the middle of the back seat. Insert the metal pin into the ouch until locked. If you want to draw out the seat belt, just press the metal pin on the seat belt at proper angle and strain the belt. If you want to shorten the belt, just pull the metal pin out at the free end of the belt, and strain the loose part with a clincher.

Put the connecting seat belt to the buttocks.

Press the red button on the ouch to offload the seat belt. "CENTRE" is marked on the ouch and metal pin of the back seat center connecting seat belt. Please check this mark before use the belt.



### ! Notice

Misusing the seat belt may cause serious damage. Put the connecting belt on the buttocks comfortably rather than on the stomach or the waist. The worn or over strained seat belt will probably cause serious damage. Do not insert the metal pin into an improper slot forcibly. When straining the backseat seat belt, ensure the metal pin has been inserted into a proper slot to obtain the max protection function.



## Air Bag

SRS can provide additional protection for the driver and passenger at the front seat in an accident to prevent their head and chest from injury.

When serious collision in face or in the front range of 30°, the air bag will charge and expand, and sound of explosion will be heard with a little smoke which is harmless.

There is no security system can provide entire protection in a serious collision. You cannot judge whether the air bag has expanded or not only with naked eyes. In some accidents which the air bag did not

expand, the excess damage proved that the car had absorbed a great deal of bounce energy, so there is no need for air bag. In other serious collision accidents, such as collision at the chassis, the body may not be damaged in large scale but also will cause the air bag explode.

### ! Notice

Please tie up the seat belt for the sake of your safety. SRS can only be used as the assistant equipment of the seat belt. Make bold to disassemble air bag components might cause damage to people. Do not modify the original components of the air bag. It will be very dangerous and cause damage to people if you dispose the air bag without permission. The disposal and replacement must be carried out by Chery Service Station. Do not lie anything on the steering wheel and instrument panel to avoid limitation of its protection function.



The air bag will not operate under the following circumstances:  
Tracing tail, side bumping, side turn and without enough bumping intensity.

## Cab air bag

The driver air bag is assembled at the central flange of the steering wheel. The air bag will charge and expand in several seconds after collision and form a safe air cushion for the driver. The air bag can expand with enough power and speed, so it is very important to adjust the driver seat and backrest properly. Adjust the position of the seat that the hands can easily touch the steering wheel only in a small angle.

### ! Notice

Do not repair the steering wheel; turn shaft and air bag without authorization which only can be carried out by Chery Service Station.

## Front passenger air bag

In some cars, the air bag is assembled at the side of the passenger or on the top of the toolbox. This air bag is so big that it can charge and expand with enough power. If the front passenger sit in improper position or does not tie the seat belt correctly, he or she will probably be seriously injured by the air bag. So the passenger should move the seat back and sit behind as possible.

### ! Notice

Children will probably be seriously injured by the air bag in an accident. If you assemble the children protection system at the front seat, it will be bumped by the air bag. So make sure to assemble the children protection system at the back seat.

You should assemble the children protection system at the back seat. If the system is too small for your child, just let him sit at the back seat and tie up the seat belt.

### ! Notice

Do not repair the instrument panel without authorization which only can be carried out by Chery Service Station.

## Trunk Cover

Insert the key into the keyless entry and turn it clockwise to open the trunk cover. Put down or push down the cover and close and lock it.

### ! Notice

The exhaust gas is harmful. After opening the trunk cover, turn off the engine to avoid the gas coming into the cab.



## Trunk cover unlock joystick

Pull up the trunk cover unlock joystick at the left side under the driver seat to open the trunk cover.

### ! Notice

It will cause accident if you drive the car with the trunk cover open which will block your line of sight. So 1. Do not operate the Trunk cover unlock joystick; 2. Do not drive with the trunk cover open.



## Fuel fill door unlock joystick

The fuel fill door lies on the right back board of the car.

The fuel fill door unlock joystick lies on

the left side under the driver seat.

Notice when filling the fuel:

1. Shut down the engine.
2. Pull up the fuel fill door unlock joystick to open the fuel fill door.
3. Turn in counterclockwise to open the fill cap.
4. Turn the cap clockwise after filling and screw down, then close the fuel fill door.



## ! Notice

The fuel steam is flammable. Shut down the engine and do not smoke or produce fire and sparkle to avoid fire.



Do not use plumbic gasoline to the non-plumbic gas cars to avoid any damage to the engine and exhaust system. Gasoline will damage the painting. If the gasoline spatters on to the painting, wash it with cold water immediately. The gasoline in the fuel tank might be compressed. You can screw loose the fuel tank cap slowly. In cold weather, the fuel fill door may not be opened easily; you can open it by pushing or knocking it.

## Engine Coping

1. Pull the unlock handle at the left side under the instrument panel to open the engine coping lock.



2. Push upward of the claw to lift the engine coping.





4. Press the knighthead into the clamp to avoid vibration before closing the coping.
5. Lay down the coping and let it fall from about 30cm (1 inch) height. Close the coping and shake the edge of it to ensure it has been locked.

### ! Notice

Opening the engine coping in traveling will cause accident which would block the front line of sight. Pull the edge of the coping to check whether it has been completely closed before driving. Do not operate the engine coping unlock handle during driving. Do not drive with the coping lifted. If the coping is open, the



3. Insert one end of the knighthead into car still can be started. So before loose the coping unlock ouch, pull off the ignition key and set the transmission at 1-speed or back-up and pull the parking brake. When the engine is running, open the engine coping and the running components bare at this time, do not wear loose clothes or let hands and hair to touch the running components to avoid any unnecessary damage.

the hole beside the engine room to brace the coping.





# **Start and Operation**





## Fuel Suggestion

Use non-plumbic gasoline with high quality for commercial purpose. The quality of gasoline decisively affects the dynamic, drive performance and life of the engine. And the additive is important to the fuel. Please use non-plumbic gasoline with additive of high quality. If the octane rating is too low, it will cause engine explosion. Chery will not be responsible for any loss caused by misuse of the fuel. Please use fuel with high quality.

### **! CAUTION:**

**DO NOT** apply the leaded gasoline to the vehicle powered by the unleaded gasoline, otherwise it may damage the engine and exhaust system, and any damage caused herein is without warranty. To prevent the unintended leaded gasoline refilling, the leaded gasoline pipe can't be inserted into the unleaded gasoline filler port.

## Operation at overseas

If you drive Chery cars in other country, make sure to:

- Obey the laws and security regulation.
- Affirm whether there is proper fuel provided.

When using oil tank and oil storage containers (especially those unprofessional filling equipments) to fill, the storage pump and the tube must be earthed properly for the sake of safety.

When the fuel flows under a certain pressure, a large deal of static will produced if the filling tube is not earthed (especially plastic pipe)

Be advised to use earthed filling equipments and tube. The container should be earthed in unprofessional filling operation.

## Ignition Switch

There are 4 positions at the ignition switch on the right of the turning pole: B, I, II and III.

## B position

Pull out the key to lock the pole. Turn the steering wheel till it locked. To conveniently turn the key when opening the lock, you can turn the steering wheel counterclockwise to let the key turning to "I" position.

## I position

Can not lock the steering wheel but can shut down the engine. Operate normally at this position just like operating radio and cigarette lighter.

## II position

Can start ignition system and accessories of the appliances.



## III position

Can start motor to drive the engine.

Loose the key after starting the engine, the key will back to “II” position automatically

### ! Notice

Do not place the key to “I” or “II” position when the engine is not running to avoid electric loss of the accumulator. Do not pull off or turn the key in driving to avoid the car out of control.

## Before starting the engine

- Make sure there is no obstacles around the car.
- The maintenance projects in this manual should be implemented regularly, for example:
  - 1、 Check the position of the fuel;
  - 2、 Check whether the windows and lights are clean
  - 3、 Watch the appearance of the tire and check the air pressure
  - 4、 Adjust the position of the seat and headrest.
  - 5、 Adjust the angle of the inner and outer view mirror.
  - 6、 Tie the seat belt.

Turn the ignition switch to “II” position to check the performance of the warning lights.



## Start the engine

1. Turn the ignition switch to the III position, DO NOT step on the accelerator pedal, and immediately loosen the key after the startup of the engine and then the key returns to the II position.
2. If the temperature is above  $-12^{\circ}\text{C}$  and the engine fails to start up within 5 s when the engine starts up in the first time, turn the key to the B position, and retry after waiting for 10 s.
3. If the temperature is below  $-12^{\circ}\text{C}$  and the engine fails to start up within 15 s when the engine starts up in the first time, turn the key to the B position, and retry

after waiting for 10 s.

If the engine fails to start up in the continuous two times, step on the accelerator pedal to its end and keep it in the position, turn the key to the III position, and then loosen the key after the startup of the engine, subsequently, with the speedup of the engine, slowly release the accelerator pedal.

4. For the vehicle equipped with the AMT transmission, let the engine operate at the idle speed for several seconds after startup, step on the foot brake, loosen the hand brake, shift to the driving gear, and then drive the vehicle.

5. For the vehicle equipped with the manual transmission, let the engine operate at the idle speed for several seconds after startup, step on the clutch, shift to the driving gear, release the hand brake, and then drive the vehicle.

## **! CAUTION:**

Before the gear shifting, please pull up the hand brake or step on the foot brake, otherwise, when shifting the gear, the vehicle may move to cause the damage or injury.

6. The ambient temperature condition is  $-25^{\circ}\text{C}$ - $40^{\circ}\text{C}$  for the normal startup and operation of the engine (when the ambient temperature is not within this range, it may result in the difficulty to start up the engine. This is a normal case).

## Warming-up

In cold weather, let the engine run in idle for 30 min. after starting and then drive a distance with middle speed.

## **! Notice**

The exhaust system will be damaged under high temperature. So the idle

running can not exceed 5 min. If the engine failed start, just step slowly down the accelerate panel and maintain, then start the engine.

## Operation of the Manual Transmission

Step down the clutch completely and move the shift joystick, and loose the clutch after shift.

## **! Notice**

Do not shift in driving. When the car stops completely, back-up shift can be used to avoid any damage to the transmission. Do not lay your foot on the clutch panel to avoid any damage to the clutch.



Neutral Position

## Operation procedure to start an engine with AMT transmission (\*)

Keep the transmission gear position on the N gear, 1<sup>st</sup> or 2<sup>nd</sup> gear before the engine starts. DO NOT step on the brake to start the engine when the transmission is placed in N gear position, otherwise the engine fails to start.

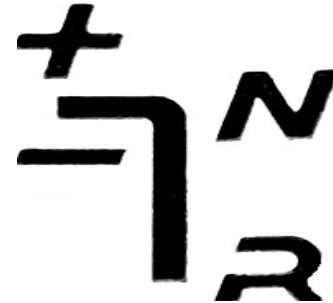
Turn the key to the position “III”, and DO NOT step on the accelerator pedal to start the engine. After the engine starts, release the key. If the engine fails to start, repeat the procedure above.

**! CAUTION:** The starter can't operate for above 10 s every time, otherwise, it may damage the starter. If

the engine still fails to start, wait for 15 s and then have a try (for the vehicle equipped with the automatic transmission, turn the ignition switch, wait for 10 s and then have a try)



## Operation procedure of AMT transmission (\*)



R = Reverse

N = Neutral

Manual gearshift mode

+ = Upshift

- = Downshift

1. Shift to the R position only after the selector lever is in the N position. And there is a instrument alarm sound to give a prompt;

2. To enter the automatic gearshift mode, press the AUTO key to enter the mode, and press the AUTO key again to enter the manual gearshift mode;
3. In the case of manual gearshift mode, push the selector lever towards the + direction, and then increase the transmission up to adjacent upper gear position; and push the lever towards the – direction, and then reduce the transmission down to the adjacent lower gear position;
4. In the case of manual mode, the upshift can be conducted under any speed of the vehicle; and the downshift can be implemented only when the speed drop is in allowable range.

**! CAUTION:** In the case of emergency

braking, the automatic gear position drop function can be carried out either in the AUTO mode or in the MANUAL mode, without the manual gear drop operation

## Start the vehicle in case of manual transmission

After the engine starts, shift to the proper gear position, release the brake, and slightly step on the accelerator pedal to make the vehicle gradually enter into the travel state. If it is difficult to shift the gear, slowly step on the accelerator pedal, and shift to the proper gear position again.

**! CAUTION:** When the vehicle starts on a slope, the hand brake must be pulled before the vehicle starts. Slightly step on the accelerator pedal, release the hand brake at the same time, and ensure that the engine bonnet is fully closed, otherwise, it is difficult to start the vehicle.

## ■ Start the vehicle in case of AMT transmission



After the engine starts, shift to the proper gear position. Regardless of the AUTO or Manual mode, the vehicle can start only after manually shifting to the 1<sup>st</sup> gear position. In case of the idle speed, shift to the 2<sup>nd</sup> gear or below. After shifting to the proper gear position, release the brake, step on the accelerator pedal and then enable the vehicle to enter the travel state. If the accelerator pedal isn't stepped on, although the proper gear position is shifted, the vehicle can't travel yet.

## Driving Start

Put into gear after starting the engine and loose the brake and step down the accelerate panel slightly to start the car gradually. If there is any difficulties in

putting into gear, accelerate a little and shift again.

## **! Notice:**

If you want to start on a braise, you must pull the parking brake and step slightly down the accelerator panel, loosening the parking brake at the same time. Do not start the car with the hood open.

## Brake

The conventional brake is designed to satisfy the performance under all kinds of circumstances (including fully loaded).

Your car is equipped with diagonal crossed brake system. The front wheel is equipped with disc brake, and the rear wheel is equipped with drum brake.

If the first brake oil path failed, the car can still brake with the second oil path. When this happens, you need to step on the brake pedal with more strength. The brake distance will be prolonged. Please go to the Chery Service Station to check the brake system before continuing with

your drive.

If the brake pedal is lower than before, you need to adjust the rear drum brake. If this happens, please test your car forward and backward and test the brake in all directions to find out the reason.

If the pedal does not get back or the distance is too long, please contact with Chery Service Station, because this probably is a signal for the fault in brake.

## **! Notice**

The brake might invalidate if it is overheated. So 1、Use engine brake under low gear when driving down a declivity 2、Do not use the brake continuously.

If the components of the brake are humid, the brake will not function for a while. So take a look at behind for any other cars

and step slightly on the brake pedal to check whether the function has lost. Then keep the distance with other cars for enough space, and step slightly on the brake pedal until it get back to work. When crossing water (which is deep enough to wet the components) or after a washing, repeat the above process to avoid any accident. The brake friction piece and the brake cushion might be worn, so do not lay your feet on the brake pedal during driving.

## ABS

ABS is a kind of advanced electric brake system which can prevent the car from sliding during a brake.

ABS is to prevent the wheel from locking in an emergent brake or on a smooth road, and to keep the swerving and stability of the car.

This system use sensor to detect the differences among each wheel speed and begin to function when the wheel is going

to lock. The system detected the wheel speed before locking and control relative brake with electric signal. When opening the ignition switch, the

## Brake with ABS

Do not fear the vibration of the brake pedal. Step down the brake pedal and maintain until starting the ABS no matter how the road status is.

ABS adjusts the brake pressure of each wheel for best performance and does not lose direction stability or steering control at the same time.

When the ABS is operating, there might be slight vibration with some noise. This kind of vibration and noise display the ABS is working normally.

In an emergency, step down brake pedal and clutch pedal at the same time, and the ABS immediately takes effect so as you can fully control the steering.

We suggest you to familiarize with these performances to avoid unnecessary danger.

ABS alarm light glitters for automatic check and shut down in 4-5 seconds. If the alarm light does not shut down or light up during driving, it indicates there

## ABS Self-check

After starting the engine, ABS begins to self-check.

ABS self-checks is to check for system fault. You can hear a slight mechanical noise which is normal.

### ! Notice

Brake distance will differ according to the road and running condition, so 1. keep a safe distance with the front car. 2. drive slowly on humid or smooth roads. ABS can not prevent any accident caused by careless or false operations, so 1. drive carefully. 2. decelerate when steering. 3. Step on the brake pedal forcibly and maintain. When the ABS alarm light enlightened, it shows there is fault with ABS, so 1. Stop and contact with Chery Service Station. 2. check by the experts

is trouble with the ABS. The car can still brake regularly without ABS. Please contact with Chery Service Station if this happens.

before continue to drive.

## Manual Brake

The manual brake takes effect on the rear wheel. Pull it up and the rear wheel automatically locked.

Manual brake joystick is between the front seats.

Pull up the manual brake joystick to lock the rear wheel. Pull slightly in the direction (1) and press the button (2) on the top of the joystick and lay it down along (3), then the manual brake is released.

Loose the manual brake completely before driving.

If you want to adjust the manual brake, please refer to the Chery Service Station.



## Stopping the car

- Step down the brake pedal and strain the manual brake.
- When stopping on a horizontal road, set the joystick to neutral gear position. When stopping on a brae (driving down), set the gear joystick to back up. When stopping on the brae (driving up), set the joystick to 1 speed position.
- Close all the windows and clearstory.
- Turn the ignition key to “B”, and pull off the key.

- Lock all the doors and trunks.
- Ensure the car has stopped completely.

### ! Notice

The exhaust components are so hot that may cause fire. Do not stop on flammable things, such as grass or straw. The car might move when stopping, so 1. Pull up the manual brake. 2. Choose the hard road to stop. 3. Do not back steering wheel to the straight direction when stopping on the mountain. 4. If you did not loose the manual brake, it will do harm to the rear brake. Loose the manual brake completely before driving. The flammable things will self-ignite if it touches the hot exhaust components on the bottom of the car, so do not stop or drive the car near the flammable things. The manual brake will be frozen if crossing the water (which is deep enough to make the components humid) or after washing. If it froze, you should 1. Pull up the manual brake, and set the gear joystick to 1-speed or back up; 2. Lock

the rear wheel to ensure the car cannot move; 3. Loose the manual brake.

## Suggestion on Economized operation

The economy of fuel depends on your operation. The way you drive, the place and the time you drive will influence the distance that 1 L fuel can drive.

For best fuel economy:

- Start smoothly and accelerate slowly.
- Adjust the engine properly.
- Do not leave the engine running in idle.
- Use air conditioner if it is really needed (if there is the equipment).
- Decelerate when driving on an accidented road.
- Keep the air pressure in the tire with standard for the best fuel



economy and prolong the life of the tire.

- Keep certain distance with other cars to avoid emergency brake so as to depress the wear and tear of the brake patch and improve the fuel economy (because there is no need for additional fuel to accelerate).
- Do not load unnecessary goods to add the weight.
- Do not leave your feet on the pedal which will cause unnecessary worn or even damage the brake and increase the consume of fuel.
- Keep the condition when the car left the factory.
- Notice the exhaust gas of the engine (carbon monoxide)
- Do not inhale the exhaust gas of the engine which is harmful, or you will examine or even die with excessive gas.

Whenever you suspect that there is exhaust gas entering the car, go to the Chery Service Station immediately for a check. If you have to drive under this condition, please open all the windows completely.

To prevent the gas from entering the car, please check the exhaust system and body regularly.

- Lift the car and check when replacing the oil.
- Notice the change of the sound of exhaust system.
- Do not let the exhaust system, chassis or the tail be damaged or corroded.
- Notice at the same time:
- Do not start the engine in a narrow place such as garage or other closed places.
- When the engine maintain running for a long time in an open

circumstance, you should set the conditioner to outer circulate mode and let the fresh air into the car, and set the blower to high speed position.

- Do not stay in a car with engine running idle for a long time, neither leave the children in it.
- Avoid the tail door open during a driving because the exhaust gas might get into the car. If the tail door has to be opened, please close all the windows. Set the conditioner to outer circulate mode and let the fresh air into the car, and set the blower to high speed position.

## Driving in danger:

When driving on watery, snowy, icy, muddy, sandy or similar kind of dangerous roads, you should follow these

advices:

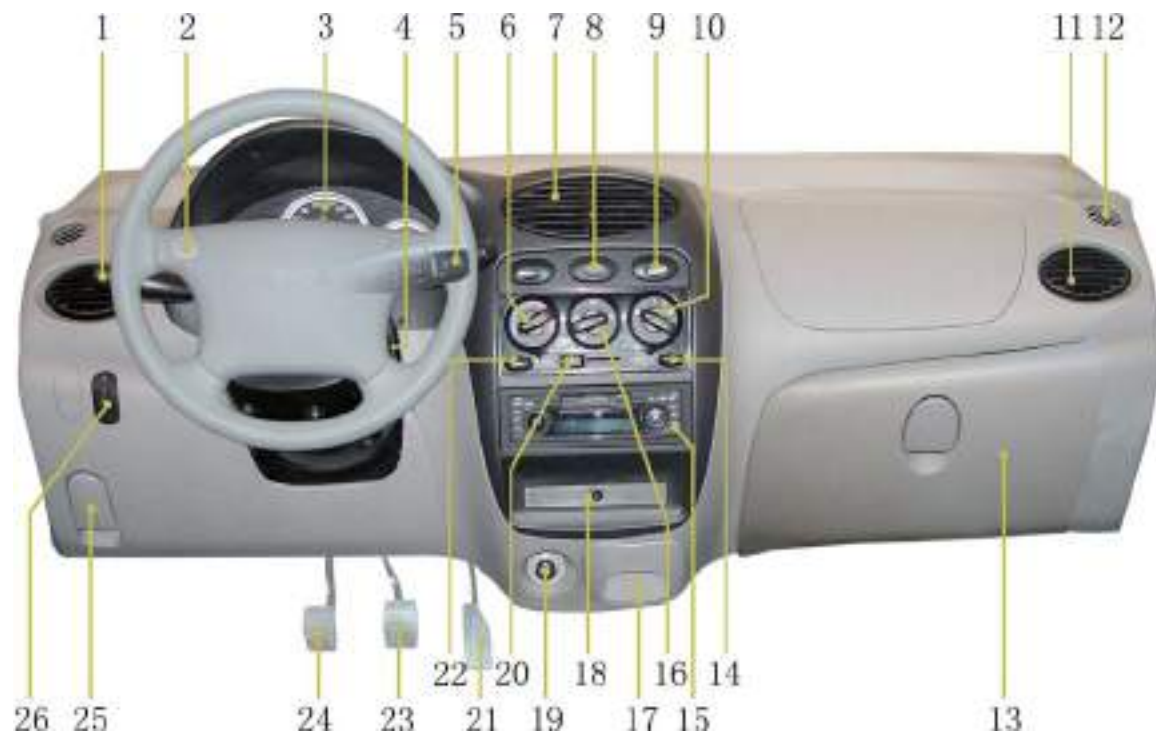
Start and Operation

- Drive carefully for the brake distance will be prolonged.
- Avoid brake or steering.
- Step slightly on the brake pedal until it stops during a brake.
- If the car get stuck in snow, mud or sand, accelerate with 2-speed gear to avoid sliding of the front wheel.
- Spread some rocks and stones under the front wheel when the car getting stuck in snow or mud, or use tire chain or other antiskid to increase the adhesive power.

# **Instruments and control devices**



## Instruments and control devices



- 1.Steering switch
- 2.Horn button
- 3.Cluster gauge
- 4.Ignition switch
- 5.Wiper switch
- 6.Temperature control switch
- 7.Center ventilation opening
- 8.Hazard warning switch
- 9.Anti-theft indicator light
- 10.Blower motor switch
- 11.Side ventilation opening
- 12.Front windshield defroster ventilation opening
- 13.Glove box
- 14.Rear window defroster switch
- 15.Radio/cassette
- 16.Airflow distribution switch
- 17.Ashtray
- 18.Package box
- 19.Cigarette lighter
- 20.Interior and outer circulation control lever
- 21.Accelerator pedal
- 22.A/C switch
- 23.Brake pedal
- 24.Clutch pedal
- 25.Engine hood inner opener handle
- 26.Headlight regulator switch

## Speedometer

Speedometer indicates automobile running speed (km/h)

## Vehicle speed warning buzzer

While vehicle speed exceeds 120 km/h , the vehicle speed warning buzzer will sound ( within specified market)



## Odometer

The upper counter of odometer records total mileage, while the lower counter records travel mileage. The last digit of the lower counter represents a unit of 100 meters (or 1/10 kilometer).

## Coolant temperature gauge

When ignition switch is set in " II " position, coolant temperature gauge indicates engine coolant temperature.

H: Cool

C: Hot



## Fuel gauge

Fuel gauge indicates the liquid level of fuel tank. Fuel gauge indicates no fuel level after ignition switch is shut. After ignition switch is turned on, if additional fuel is added, fuel gauge pointer will move to new position slowly. During braking, accelerating and turning, fuel gauge pointer will wiggle, which results from the shock of the fuel in fuel tank.

- Fuel tank capacity: 35Litre.



F: Full

E: Empty

### ! Notice

- When indicator stays in red area, engine is likely to be overheated ,engine should be stopped as soon as possible to cool down.

## Fuel level warning light

Fuel will run out soon when the light goes on. The lamp will light up when the remaining fuel in tank drops to 5.5 liters. Once the warning light is on, fuel should be added as soon as possible.



### ! Notice

The catalytic converter and fuel system may function improperly if fuel is exhausted, therefore, fuel should be

added in time if the warning light is on.

## Engine malfunction indicator light

With ignition switch is turned on, engine malfunction indicator light will light up for about 4 seconds until it goes out. If indicator light is on, during normal operation, it indicates a fault. The electric control fuel injection system will switched to emergency mode to keep driving, driver should contact CHERY AUTO authorized service station immediately for trouble shooting.



### ! Notice

If engine malfunction indicator light stays on, it indicates a failure. Driver should contact CHERY AUTO authorized service station for troubleshooting.

## Engine oil pressure warning light

With ignition switch is turned on, the light will light up and go out after engine is started.

If the light goes on during driving, engine oil level should be checked. The specified engine oil should be added to normal level if it is because of the lack of engine oil. If oil level is ok, contact CHERY AUTO authorized service station.





## ! Notice

If engine oil pressure warning light stays on, it indicates a failure. If it happens during driving, stop the vehicle to check for the lack of engine oil as soon as possible. Add engine oil if necessary. If there is no problem with engine oil, go to the nearest CHERY AUTO authorized service station for inspection.

## Brake system warning light

With ignition switch on, the light should light up after hand brake is applied. The light should go out after the hand brake is released.

The hand brake should be released fully before moving. If the light still remains

on after the hand brake is released, it indicates a lack of brake fluid. Take the following steps:



- Park the vehicle at roadside.
- Check the brake fluid level; add the brake fluid specified by CHERY AUTO CORPORATION to the MAX mark if necessary.
- If brake is ok and brake system is functional, go to the nearest CHERY AUTO authorized service station immediately at safe speed for further inspection.
- If a leakage of brake fluid is found, the warning light remains on or the brake functions improperly, tow the vehicle to CHERY AUTO authorized service station for inspection and service.

## ! Notice

With ignition switch turned on and hand brake applied, there may be failure in brake system if the brake system warning light isn't on. Lamp bulb should be checked for malfunction. If the bulb is ok, check the brake system; if brake fluid warning light remains on, it indicates a low brake fluid level and brake performance may be affected. If the above happens during a driving, the vehicle should be slowed down and stopped for the following inspections  
1.Check brake fluid reservoir and add specified brake fluid if the liquid level is low.2.Check brake for function.3.If brake functions normally, drive the vehicle to service center slowly for inspection.4.If warning light stays on while brake is normal or a brake fluid leakage is found, tow the vehicle to CHERY AUTO authorized service station. If brake fluid level is too low, the braking distance, brake force and pedal range will be increased.

## ABS warning light

With ignition switch is turned on, ABS indicator light will light up for about 4 seconds before it goes out.

With ignition switch turned on, if the ABS light is not lit or remains on, contact the nearest CHERY authorized service station.



If ABS light is lit up during driving, there is a fault in ABS system. With ABS not working, if the brake system functions properly, go to the nearest CHERY AUTO authorized service station for inspection.

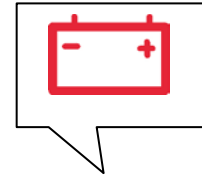
## Generator warning light

It indicates a discharge of vehicle battery. With ignition switch turned on, the light will light up and goes out after engine is started. If the light goes on during driving, the following steps should be taken:

- Park the vehicle at roadside.
- Check generator belt for slackness or cracks.
- If generator belt is normal, there may be failure in charging system. Isolate the problem and correct it as soon as possible and to the nearest CHERY AUTO authorized service station for a system inspection immediately.

### ! Notice

If the generator belt is too loose, the generator superheating may be caused and subsequent damage may happen to the generator. Therefore, the generator belt should be inspected regularly.



## Safety belt warning light

With ignition switch in "II" position, safety belt warning light will come on unless driver fastens safety belt.



## Airbag warning light

With ignition switch is turned on, if airbag warning light comes on and goes out after about 4 seconds, airbag system is normal.

If airbag warning light does not illuminate or remains on after about 4 seconds, or continuously blinks or remains on with vehicle running, airbag system malfunction is indicated. Airbag system will not be triggered when airbag protection is needed in an accident. Go to the nearest CHERY AUTO authorized service station for inspection.

## Turn signal lamp/ hazard flasher indicator



When turn signal light switch or hazard warning lamp switch is turned on, indicator light's blinking indicates the working condition of outer signal lamp or hazard warning lamp. A smaller frequency of blinking indicates a fault in turn signal indicator light bulb.

### ! Notice

If bulb is blown, replace it immediately for avoiding accident. If green arrow does not illuminate when turn signal switch is switched on, check for blown fuse or bulb.

## Headlight high beam indicator light

When high beam switch is turned on, indicator light will come on.



## Foglight/rear foglight switch

First position with front foglights on.  
Second position with front and rear foglights on or only with rear foglights on.  
With switch in second position, the operation indicator light on switch will illuminate.  
With ignition switch on, front foglights will operate only when parking lights are turned on. They may work with high beams or low beams simultaneously. Rear foglight can only be operative with front foglights simultaneously.  
Rear foglights are allowed to apply only when there is a very low visibility (with a visibility distance less than 50 meters) for their stronger dazzle.



### ! Notice

Do not light up after engine is stopped, or battery will be discharged. Headlamp lower beam asymmetry is designed to increase sight scope. In left driving countries, there must be a black cover on the headlight glass zone with 15 angle.

## ■ Transmission warning light (for the vehicle with AMT transmission)



The light ON after the ignition switch turns on, and then off after about 4 s.  
If the light fails to light after the ignition switch turns on, or if the light doesn't extinguish after it lights, please contact the nearest special CHERY service station. If the light ON during the vehicle is traveling, it shows that the ABS has fault. If there is no ABS function while the vehicle's brake system still works as before, please get to the nearest special CHERY service station ASAP to have it examined.

- **Transmission oil temperature warning light (for the vehicle with AMT transmission)**



The light ON after the ignition switch turns on, and then extinguishes after about 4 s.

If the light fails to light after the ignition switch turns on, or if the light doesn't extinguish after it lights, please contact the nearest special CHERY service station. If the light ON during the vehicle is traveling, it shows that the ABS has fault. If there is no ABS function while the vehicle's brake system still works as before please get to the nearest special CHERY service station A.S.A.P. to have

it examined.

## Position display (for the vehicle with AMT transmission)

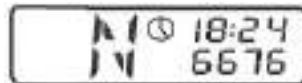
After the ignition switch turns on, the position of gear selector lever will be displayed on the center display of instrument panel.

All position displays are shown in the following figures:

### R position:



### N position:



### Manual mode:

In the case of manual mode, the gear position selected by a driver will be displayed in the display with the form of digital. In the following figure, the 2<sup>nd</sup> gear is taken as an example.



### AUTO mode:

In the case of AUTO mode, the current gear position will be displayed in the display with the form of digital. In the following figure, the 2<sup>nd</sup> gear is taken as an example.



traveling time switchover/reset button, and the “SEL” is a function select button. The profile of this instrument is shown below:



## Speedometer

The speedometer displays the running speed of a vehicle (unit: km/h), with the range of 0–199 km/h, which is displayed in the form of digitals, and the division of display: 1 km/h.



Speedometer Display

## Digital instrument (\*)

This instrument has two keystrokes: “SEL” and “TRIP”; the “TRIP” is a trip computer and

## Odometer

With the digital display, the odometer has a overall mileage counter (ODO) which can record the max. mileage of 999,999 km; and two trip meters (TRIP A/TRIP B) which can record the max. mileage of 9,999.9 km.



Two trip meters (TRIP A/TRIP B) and travelling time display

Overall mileage display

## Water temperature indicator

When the ignition switch is placed on the position “II”, the water temperature indicator will indicate the temperature of the engine coolant. The column-shaped display includes 10 scales and 10 divisions.

H: Hot  
C: Cold



## ! CAUTION:

When the pointer gets to the red area, the engine may be overheated, and you shall immediately stop your vehicle to cool the engine. In this case, if you drive your vehicle continuously, it may damage the engine.

## Fuel gauge

The fuel gauge indicates the level of fuel remained in the fuel tank. The gauge will not display the fuel level after the ignition switch is closed. If refuelling into the tank, the reading of fuel gauge will slowly change to the new level of fuel. In case of braking, accelerating or turning, the pointer of fuel gauge will wobble. This is caused by the vibration of fuel in the tank.

- Capacity of fuel tank: 35L.

F: Full  
E: Empty



## Fuel alarm indicator lamp

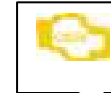
In case that this indicator lamp lights, it indicates that the fuel will be used up soon. When the fuel remained in the tank reduces down to 5.5 L, this indicator lamp lights. Refuel as soon as possible once the alarm indicator lamp lights.



## Engine trouble indicator lamp

The engine trouble indicator lamp lights when the ignition switch is turned on, and extinguishes after the engine starts up. If the indicator lamp lights when the engine operates normally, it shows that there is a certain trouble. In this case, switch the electronic injection system to the emergency running program, and then drive the vehicle continuously, however, immediately contact the Chery

Authorized Service Station to remove the trouble.



If the engine trouble indicator lamp lights in a short time and then extinguishes, it is a normal phenomenon and doesn't show that the system has any trouble..

## ! CAUTION

In case that the engine trouble indicator lamp lights for a long time, it indicates that the engine has some one trouble, and you shall contact the Chery Authorized Service Station and remove the trouble in time.

## Engine oil pressure alarm indicator lamp

The indicator lamp lights when the ignition switch is turned on, and extinguishes after the engine starts up. If the indicator lamp lights when the vehicle is traveling, check the level of engine oil. If the engine is short of oil, refill the specified engine oil to the normal level of oil; and if the oil level is normal, please take care to contact the Chery Authorized Service Station.



In case that the engine oil pressure alarm indicator lamp lights for a long time, it indicates that the engine has some one trouble, please immediately stop your vehicle to check whether there is short of engine oil when the vehicle is traveling, and, if necessary, refill the oil; if the

engine oil is normal, please get to the nearest Chery Authorized Service Station to have your vehicle checked.

If the engine oil pressure alarm indicator lamp lights when the vehicle is traveling, stop your vehicle to have it checked. In this case, the continuous travel may damage the engine, without the warranty.

## Brake system alarm indicator lamp

Pull up the hand brake after the ignition switch is turned on, and then the indicator lamp lights, and extinguishes after the hand brake is released.



Before driving, completely release the hand brake. If the indicator lamp still lights after the completely releasing of hand brake, it shows that there is short of brake fluid. In this case, you shall:

- park your vehicle on the roadside;
- check the level of brake fluid, and, if necessary, refill the brake fluid specified by the CHERY company to the MAX mark;
- immediately drive your vehicle at the safety speed to the nearest Chery Authorized Service Station to have it checked if the brakes are normal and the brake system is confirmed very safe;
- drag your vehicle to the nearest Chery Authorized Service Station to have it checked and repaired if you find any one of the following troubles: brake fluid leakage, the alarm indicator lamp lights for a long time, or the brake fails to work normally.

### ! CAUTION

The brake system alarm indicator lamp doesn't light after the ignition switch is turned on and the hand brake is pulled up, it shows that the brake system may be in trouble. Check whether the bulb has some troubles. If the bulb is working normal, check the brake system; if the brake fluid alarm indicator lamp lights for a long time, it indicates that the level of brake fluid is low, which may make influence on the braking performance. In this case, if you are driving your vehicle, you shall gradually decelerate till stop your vehicle, and carry out the following checks:

1. check the brake fluid reservoir, and if



the fluid level is low, refill the specified brake fluid. 2. check whether the brake works normally or not. 3. slowly drive your vehicle to the Maintenance Center to have it checked if the brakes work normally. 4. drag your vehicle to the Chery Authorized Service Station if the alarm indicator lamp lights for a long time and any brake works abnormally or the brake fluid is found leakage.

The too low brake fluid level may lengthen the braking distance, and also increase the brake force and pedal travel.

## ABS alarm indicator lamp (for the models equipped with the ABS)

The indicator lamp lights after turning on the ignition switch, and, waiting for approx. 4 s, then extinguishes.

If the indicator lamp doesn't light after turning on the ignition switch, or the lamp doesn't extinguish after it lights, please contact the nearest Chery Authorized Service Station.



If this indicator lamp lights when the

vehicle is traveling, it illustrates that the ABS has trouble(s). Without the ABS function, the vehicle's brake system still works as usual. However, in this case, you shall get to the nearest Chery Authorized Service Station to have your vehicle checked.

## Generator alarm indicator lamp



This alarm indicator lamp indicates that the battery is discharging.

The indicator lamp lights when the ignition switch is turned on, and extinguishes after the engine starts up.

If the indicator lamp lights when the vehicle is traveling, you shall

- park your vehicle on the roadside;
- check whether the belt of generator is slack or broken
- find out the trouble ASAP and remove it if the belt is in good condition and the charging system may be in trouble, and immediately get to the nearest Chery Authorized Service Station to have the

charging system checked.

**! CAUTION**

The too loose generator belt may result that the engine is overheat. It may damage the engine. So, regularly check the generator belt.

## Seat belt alarm indicator lamp

In case that the ignition switch is placed to the position “ II ”, unless the driver has put on the seat belt, the seat belt alarm indicator lamp will light.



## Airbag alarm indicator lamp (for the models equipped with the air bag)



The indicator lamp lights after turning on the ignition switch, and, waiting for approx. 4 s, then extinguishes. It illustrates that the airbag system is normal.

If the indicator lamp doesn't light or the lamp doesn't extinguish after it lights for 4 s, or blinks continuously and even lights for a long time when the vehicle is traveling, it indicates that the airbag system has trouble(s). In the case of trouble, the airbag system fails to be activated, please immediately contact the nearest Chery Authorized Service Station to have it checked. If the airbag system can't be repaired in time, it can't play its proper role after the serious compact occurs. Any damage or injury caused herein is exclusive in the warranty.

## Transmission trouble alarm indicator lamp (for the models with the AMT transmission\*)



The indicator lamp lights after turning on the ignition switch, and, waiting for approx. 4 s, then extinguishes.

If the indicator lamp doesn't light after turning on the ignition switch, or the lamp doesn't extinguish after it lights, please contact the nearest Chery Authorized Service Station.

## Transmission oil temperature & trouble alarm indicator lamp (for the models with the AMT transmission\*)

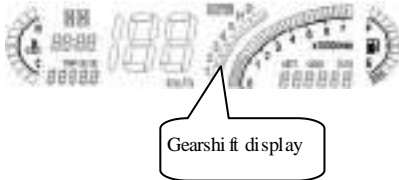


The indicator lamp lights after turning on the ignition switch, and, waiting for approx. 4 s, then extinguishes.

If the indicator lamp doesn't light after turning on the ignition switch, or the lamp doesn't extinguish after it lights, please contact the nearest Chery Authorized Service Station.

## Gearshift display (for the models with the AMT transmission\*)

The position of gear selection lever will be displayed on the display located at the center of the instrument panel after turning on the ignition switch. It will display the position of each gearshift in the column-shaped form.



Gearshift display

## Manual mode:

In the manual gear shift mode, the gearshift selected by the driver will be displayed on the display in the column-shaped form.

## Automatic mode:

Press the “AUTO” button to enter the automatic gear shift mode. In this case, the “AUTO” indicator in the instrument panel will light, and the current gearshift will be displayed on the display in the column-shaped form.

## Turn signal indicator lamp/hazard alarm flash indicator lamp



When turn on the turn lamp switch or hazard alarm lamp switch, their indicator lamp flash, which indicates that the external turn signal lamp or hazard alarm lamp is working. The high flash frequency shows that the turn signal lamp bulb has trouble.

### ! CAUTION

If the bulb is burnt out, immediately replace it to avoid the occurrence of accident. If the green arrow doesn't light when the turn signal is sent out, please check whether the fuse and bulb are burnt out.

## High beam indicator lamp

Turn on the high beam, this indicator lamp will light.



## Front/Rear fog lamp switch

The 1<sup>st</sup> gear is used to turn on the front fog lamp.

The 2<sup>nd</sup> gear is used to turn on the front and rear fog lamps, or turn on the rear fog lamp only.

When the switch is placed to the 2<sup>nd</sup> gear position, the indicator lamp on the switch will light.

After the ignition switch is turned on, the front fog lamp will work only after the position lamp is turned on, and can work together with the high beam or low beam. The rear fog lamp can work only with the front fog lamp at the same time.

Since the glare of the rear fog lamp is strong, the rear fog lamp is allowed to be used only in the case of low visibility

(below 50 m).



## How to operate these instruments

### •TRIP A, TRIP B and Traveling Time switchover, display and reset

The function of “TRIP” button is to select

the display mode of “TRIP” and “Traveling Time”. Its specific operation procedure is as follows:

1. The initial display is TRIP A. If the TRIP A is 1,357.9 km, the TRIP display shows:

TRIP **A**  
1357.9

2. Press the “TRIP” button once, the TRIP A is switched to the TRIP B. In this case, if the TRIP B is 2,468.0 km, the TRIP display shows:

TRIP **B**  
2468.0

3. Press the “TRIP” button again, the TRIP B changes to the Traveling Time. In this case, if the traveling time is: 1h 35m, it will be displayed as:

1-35

4. In case of TRIP A, TRIP B or

Traveling Time, press the button for above 2 s to reset.

—Description:

(1) These two TRIPs can be independently applied. For instance, the TRIP A can be used to record the total mileage each a tank of fuel, and the TRIP B to record the mileage each outgoing travel.

(2) The Traveling Time is designated to display the time counted from the startup of engine. For example, in accordance with the operation procedure above, the display is turned to “Traveling Time” mode during the vehicle is driving. In this case, if the time is displayed as 3-25, it illustrates that the vehicle has traveled continuously for 3 hours and 25 minutes. Apart from the manual reset, this timer also begins to count from 0-00 when the engine restarts.

### • Temporary adjustment of brightness of the display

In case that the instrument lights, press the “SEL” key to adjust the brightness of the display. The brightness adjustment is divided into 10 levels each a cycle. The brightness level increments if you press the key once. When the brightness reaches its maximum value, press the key

once, and then the brightness level will return back to the minimum value.

## ● Clock's integral point calibration

In case that the clock displayed is within the integral point to or past 2 minutes, press the "TRIP" and "SEL" buttons at the same time to calibrate the integral point of the clock. For instance: When the time displayed is 14:59 but the actual time is just 15:00, this calibration operation can immediately calibrate the clock to 15:00.

## ● Setting

The following functions can be implemented only after entering the setting status.

### ● Enter the setting status

Press the key "SEL" for 2 s to enter the setting status. In this case, the "SET" mark on the odometer flashes, which indicates that the instrument has entered into the setting status.

### ● Exit from the setting status

In case of setting status, if press the key "SEL" for 2 s or 15 s and do not carry out any other operation, the instrument exits from the setting status and the mark "SET" extinguishes.

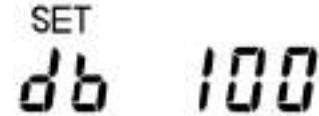
#### 1. Clock initialization

In case that the mark "SET" flashes, simultaneously press the "SEL" and "TRIP" buttons once for a short time to enter the clock initialization mode. In this case, the Hour digital flashes. Press the "TRIP" button to adjust the value of Hour digital, with the increment every a press. If press the "TRIP" button and keep it, the Hour digital increases automatically till the Hour digital is right; if it is unnecessary to adjust the Hour value, directly press the "SEL" button to enter the Minute adjustment status. In this case, the Min digital flashes. Press the "TRIP" button to adjust the value of Min digital, with the increment every a press. If press the "TRIP" button and keep it, the Min digital increases automatically till the Min digital is right.

After the completion of adjustment, simultaneously press the "SEL" and "TRIP" buttons for a short time to complete the clock setting.

#### 1. Daytime display brightness setting

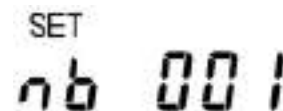
Press the "SEL" button to enter the setting status. The SET code is displayed as follows:



It means that in the case of "Daytime Display Brightness" setting status, the left two digitals represent the daytime brightness setting status mark while the right three digitals represent the set value which can be selected from 1 to 100 and the initial value is max. 100. Press the "TRIP" button once to decrease the value by 10. For instance: To adjust the brightness to 85, its operation procedure is as follows: Press the "TRIP" button till the value displayed is 90, and then release the button and press the "TRIP" button five times to get the brightness of 85.

#### 2. Nighttime display brightness adjustment

Press the "SEL" button to enter the setting status. The SET code is displayed as follows:



It means that in the case of “Nighttime Display Brightness” setting status, the left two digitals represent the nighttime brightness setting status mark while the right three digitals represent the set value which can be selected from 1 to 100 and the initial value is min. 001. Press the “TRIP” button once to increase the value by 1, and press the “TRIP” button and keep it, the value will automatically increase by 10. For instance: To adjust the brightness to 35, its operation procedure is as follows: Press the “TRIP” button till the value displayed is 30, and then release the button and press the “TRIP” button five times to get the brightness of 35.

### 3. Nighttime display brightness control priority setting

Select any one of the following cases: the brightness adjustment knob has priority over the setting or vice versa. The initial default is that the brightness adjustment knob control has the priority.

Press the “SEL” button to enter the “Nighttime Display Brightness Control Priority” setting. And it is displayed as:

In this case, it presents the brightness adjustment knob control priority status. Press the “TRIP” button once. And it is displayed as:

In this case, it presents the instrument internal setting priority status.

### 4. Service mileagesetting

Press the “SEL” button to enter the “Service Mileage” setting. It is displayed as:

The left one digital presents that the instrument is in the Service Mileage setting status while the right four digitals present the set value of mileage which can be selected from 100 to 9,900 km. Its initial value is 0000 which means that it

is not set yet. Press the “TRIP” button once to increase the value by 100, and press the “TRIP” button and keep it, the mileage value will automatically increase by 1,000. For example: To set the service mileage to 7,500 km, its operation procedure is as follows: Press the “TRIP” button till the value displayed is 7,000 and then release the button, and press the “TRIP” button five times to get the service mileage of 7,500 km.

When the vehicle travels 7,400 km, 7,450 km and 7,500 km respectively, the odometer will display respectively as follows:



It shows that the mileages remained from the service mileage set are 100 km, 50 km and 0 km respectively. Each reminder is accompanied by the beep sound, with the duration of 10 s.

• **Status or initial value of the instruments re-powered after power off**

Both the positive input of power supply and the positive input of ignition switch POWER OFF, and the relevant data of the instruments will be lost after re-powered on. The related initial values of common instruments can be restored as follows:

1. Clock display: 00:00

**Headlight high beam switch**

With headlight low beam on, headlight high beam will be turned on when control

2. Traveling time: 00-00
3. Service mileage: 0, it is required to reset.
4. Brightness value: Daytime----100; Nighttime----1.
5. Brightness control mode: The default mode is knob-operated control.

## Turn signal light switch

Turn signal lights may work only when ignition switch is turned on. A right turn will be signaled when turn signal light switch is moved up. A left turn will be signaled when turn signal light switch is

lever is pushed towards dashboard and high beam indicator light will light up simultaneously. Headlight low beam will be lit up when control lever is pushed back to original position.

**! Notice**

Here, headlight switch must stay

moved down. Turn signal lights will go out after turn and turn switch returns to normal position.

When driveway shift is made ,move switch not completely (without finishing full travel) and hold on it. Turn signal light switch will return to its normal position after released.



" " position all the time.



## Passing light switch

Headlight high beam will come on if control lever is turned towards steering wheel, then control lever may be released. Control lever will return to normal position after released. Headlight high beam will remain on when control lever is hold on by driver.



## Windshield wiper switch

With ignition switch turned on, windshield wiper may be operated when control lever is turned upward.

OFF=stop.

INT=intermittent wiping (with a interval of 4 seconds)

LOW= continuous wiping, low speed

HIGH= continuous wiping, high speed

## Fuzzy function

If driver turn control lever to INT position lightly and release it, wiper will operate once. Wiper will work once after control lever return to normal position automatically.

### ! Notice

If wiper blades are worn, which will cause a improper wiping affecting front sight, wiper blades should be replaced. With no water, wiper's operation will scrape glass resulting in premature deterioration of wiper blades and disturbing driver's visual field. Wiper is not suggested to apply when water is not available.



## Windshield washer switch

With ignition switch on, liquid in washer will be injected to windshield if control lever is turned towards steering wheel. If control lever is turned less than 0.5 second, liquid in washer will be injected to windshield at first, then windshield wiper will operate several cycles. Wiper will stop automatically after control lever is released.





## ! Notice

For windshield should not be wiped when there is no water in washer tank, so front sight will be affected. Therefore, 1. Stop vehicle to add washing liquid if it is necessary to clean windshield during running. 2. Check washing liquid level before a travel. In cold weather, windshield may freeze, which will disturb driver's sight. Windshield should be heated before it is applied. Do not apply wiper if there is no water in washer tank. Do not apply washer more than overheating may damage 10 seconds in case washer motor. In cold weather, washing liquid may expand, which may damage washing fluid tank and result in a washer failure. Hence, it is sufficient to fill washing tank with washing fluid to

3 / 4 of its capacity. Turning control lever in the reverse direction of steering wheel may operate luggage compartment cover wiper and washer.



First position (Rest position)=Wiper operative

Second position (Arm turning position)=Wiper and washer operative simultaneously When control lever is moved to first position, wiper will work; when control lever is moved to second position, washing liquid will be injected to rear window.

## ! Notice

With no water, rear window wiper's operation may scrape glass, which will result in a premature deterioration of wiper blades and disturb driver's front visual field. Therefore, do not apply rear window wiper when there is no water available.

## Adjustment Switch of Headlight Beam

Turn on headlight low beam and adjust headlight beam scope for making a clear view of front road.

0=Off

1=Front and rear foglight power switch

2=Headlight switch

Night light control switch is design to regulate the intensity of instrument cluster lighting.



## Hazard warning flashlight switch

When hazard warning flashlight switch on dashboard is pressed, hazard-warning flashlight will be turned on and all turn signal light will light up simultaneously. After once more a press, all lights go out at the same time. Hazard warning flashlight may be operated no matter whether ignition switch is turned on. Apply hazard warning flashlight to warn other drivers and try to avoid stopping on

driveway when a emergent parking or traffic handicapping is avoidless.



## Rear window defroster switch

With ignition switch in "II" position, rear window may be defogged or defrosted by pressing rear window defroster switch. When rear windshield defroster is operative, the indicator light on rear window defroster switch will come on. Rear windshield defroster may be turned off by pressing switch once more.



### ! Notice

For rear windshield defrosting heating element is attached to the inner surface of rear windshield, defrosting function will be out of work if heating element is damaged. Hereby, sharp tools or cleaning solution with corrosive ingredient contained is not allowed to used for cleaning the inner surface of rear window. Defroster will consume a great deal of power, which may cause battery discharging. Hereby, defroster is not suggested to apply before engine is started. Rear windshield defroster should be shut once cleaning is finished. In snow weather, the snow on rear windshield should be cleaned first, then rear window defroster switch may be turned on.

## Digital clock

After ignition switch is turned on, digital clock will indicate time. There is a button on digital clock which is designed to adjust time when necessary: Press button and hold on for 4 seconds, the hour number on clock will blink frequently. Accordingly, every button press will increase an hour of the time on digital clock. After hour time adjustment is finished, wait for 5 seconds and the minute number on digital clock will blink automatically. Accordingly, every button press will increase one minute of the time display on digital clock. When time display does not blink after time adjustment is finished and wait for several seconds, all time adjustment is finished.

### ! Notice

Clock should be readjusted if battery is ever disconnected or fuse is replaced.



## Cigarette lighter

With ignition switch in "I" or "II" position, cigarette lighter will work once button is pressed.

Cigarette lighter will be ejected automatically when it gets hot.

### ! Notice

Cigarette lighter heating pipe will get hot during functioning, which may cause a burning. Do not touch cigarette lighter heating pipe. Children are forbidden to play with cigarette lighter. Do not press cigarette lighter when it gets extremely hot. Do not mistake cigarette lighter socket as a receptacle, which may cause damage or electrical failure.



## Front ashtray



Pulling it backwards may open front ashtray. Push it back in place after usage. If ashtray needs to be emptied, open ashtray completely and depress metal boat, then pull out ashtray.

## Horn button

Horn will blow if steering wheel (without airbag) center or the left/right side of steering wheel (with driver's airbag) is pressed. Horn may blow whatever position ignition switch is. Try to avoid using horn.



## Cup holder

Cup holder is located on front console and designed to hold cup.

### ! Notice

With vehicle running, the liquid in cup may spill out. So do not use cup holder while driving.



## Interior light

There is three positions for interior light.

"on" position:Interior light will remain on despite door is open or not.

"DOOR Position":(Between "ON" position and "OFF" position ):Interior light will illuminate when vehicle door is opened.

"OFF" Position:Interior light will not illuminate even if door is open.



## Glove box

Glove box may be opened by pulling its handle.Glove bow can be closed by pushing glove case smoothly.



## ! Notice

If accident or emergent braking happens during running with glove box cover open, personal injury may be caused, therefore, glove box cover should be shut during driving.

## Sun visor

Sun visor may be rotate up and down, also sideways to protect driver and passengers from highlighting.



## Makeup mirror

Makeup mirror is located in the back of right sun visor.



## Accessory handle

Accessory handle is located on the upper part of front passenger door and designed to supply convenience for passengers.



## ! Notice

Driver's vision may be disturbed if something is hung on accessory handle, therefore, do not hang anything on accessory handle.

# **Ventilation and A/C system**

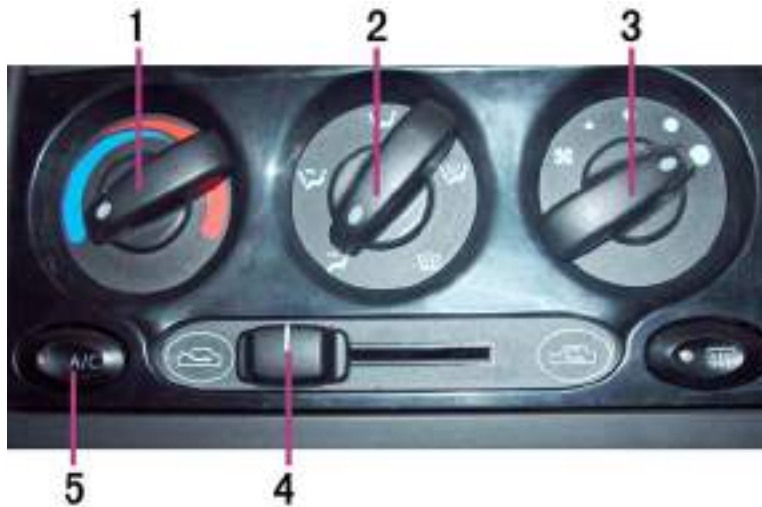


## Control panel

1. Temperature control switch
2. Airflow distribution switch
3. Blower motor switch
4. Internal and external circulation control lever
5. A/C switch

## Ventilation and heating

A/C system regulates temperature by cold and hot air and temperature could remain constant at any speed. Blower decides airflow speed. Blower may be turned on during running if necessary.





## Center ventilation opening

Air, after being conditioned, is directed into vehicle by two center ventilation openings. Setting grids can change airflow direction

## Side ventilation opening

Conditioned air is directed into vehicle by two side ventilation openings.

## Front windshield defroster ventilation opening

Cold and warm air is directed to Side window by front windshield defroster ventilation openings (controlled within the scope of outer back view mirror)



1、 Front windshield defroster ventilation opening 2、 Side ventilation opening 3、 Center ventilation opening

## Temperature control switch

Temperature control switch is used to control the air temperature of ventilation opening.

Blue position: Cold

Red position: Hot




## Blower motor switch

Blower motor switch is used to control blower motor speed (four positions in all). Blower regulates wind speed. Blower may be turned on to improve comfort during driving.




## Internal and external circulation control lever

It is used to select exterior fresh air or interior circulating air.

Outer circulation mode (  )

Allow outer air get into vehicle.

Used for normal ventilation, heating and cooling.

Internal circulation mode (  )

It is used when a internal circulation is needed for the air in vehicle. This mode is used to prevent outside waste gas from getting into vehicle especially in dusty environment, it is also applied when fast cooling or heating of interior air is requested.



### ! Notice


Continuous application of internal circulation mode will cause interior mugginess and fog on glass, So internal circulation mode could not be engaged for a little while.

## Airflow distribution switch


Airflow distribution switch is used to select airflow direction. There are five positions for switch:




Head  
Head and foot  
Foot  
Foot/defrost  
Defrost

" head" position(  )  
Air flows out from center ventilation opening and side ventilation opening.




" head and foot" position(  )  
Air flows out from center ventilation opening and front bottom exhaust opening.




" foot" position (  )  
Air mostly flows from front bottom exhaust opening.



" foot / defrost" position(  )  
Air flows out from front bottom exhaust opening, windshield defrosting ventilation opening and front windshield defrosting ventilation opening.



" defrost" position(  )  
Air flows out from windshield defrosting ventilation openings and front windshield defrosting ventilation openings.



## A/C system

Ventilation, heating and cooling system parts compose a control system which could (in any cold condition and at any outdoors temperature) supply maximal comfort. A/C system cooling element cools down air and removes moisture and dust such as pollen.

A/C switch

It is used to turn on or off A/C.

After engine is started, turn blower switch to desirable speed and engage A/C switch to activate A/C. When A/C is turned on, indicator light will come on. A/C could be shut if A/C switch button is pressed once more. When blower switch is set in "OFF" (turned off) position, A/C compressor will not be engaged.



### Notice


When vehicle is riding on a long slope or in heavy traffic, A/C application will cause engine overheating. Monitor water temperature gauge and shut off A/C if engine is overheated.


### Maximum cooling

In torrid weather, vehicle window should be opened for a little while to let out indoor hot air quickly if vehicle is exposed to sunlight for a long time.

A/C switch: On

Internal and outer circulation control

lever: (  )

Airflow distribution switch: (  )

Temperature control switch: turn anti clockwise fully (Blue)

Blower motor switch: Full speed






### Normal cooling

Cooling for long distance travel and express travel.

A/C switch: On

Internal and external circulation

switch: (  )

Airflow distribution switch: (  ) Or (  )

Temperature control switch: Blue


Blower motor switch: Random




## Head and foot

It is design for transition stage such as at outer low temperature with no sunlight. When temperature control switch is set between cool (blue) and hot (red), hot air is directed to lower space of vehicle and cool air and natural air is directed to upper room.

A / C switch: On or off

Internal and external circulation control lever: (  )

Airflow distribution switch: (  )

Temperature control switch: Between blue (cool) and red (hot)


Blower motor switch: Random





## Ventilation

Conditioned air from outside is directed into vehicle by center ventilation opening and side ventilation openings.

A/C switch: Off

Internal and external circulation control lever: (  )

Airflow distribution switch: (  ) or (  )


Temperature control switch: Blue


Blower motor switch: Random



## Compulsive heating

A/C switch: Off

Internal and external circulation control lever: (  )

Airflow distribution switch: (  )

Temperature control switch: Turn clockwise fully

Blower motor switch: full speed

## Notice


Do not apply compulsive heating for a long term in case air in vehicle will get foul and fog comes on window. Turn off internal circulation switch if there is fog on window or moisture in vehicle. "compulsive heating "is designed only for quick warming up ,then return to "normal heating".



## Normal heating

A/C switch: Off

Internal and outer circulation control

lever: (  )

Airflow distribution

switch: (  ) or (  )

Temperature control switch: Red

Blower motor switch: Random




## Defrost

A/C switch: Off or on

Internal and outer circulation control

lever: (  )

Airflow distribution switch: (  )

or (  )

Temperature control switch: Red

Blower motor switch: Random



## Notice

A/C application may increase defrosting efficiency. If weather is extremely moist,

do not set A/C in (  ) or (  ) position

during cooling. For temperature difference between outer air and windshield may be caused and fog, which will disturb sight, may form on the inner surface of windshield.

## Clues to the Operation of Cooling System

If vehicle is in direct sunlight, open window before A/C is started. Window should be cleaned in rainy day, while engaging A/C could lower indoor temperature, which is effective in both rainy day and hot weather.

When driving in region with heavy traffic, cooling system may be cooled insufficiently for frequent parking and crawling. If A/C system is off for one or more than a month, even in winter, engine must be idled for several minutes with A/C on at least once each month to keep compressor lubricated and sealed properly prolonging system service life. A/C compressor does not work if blower switch is turned off.



## **Audio system**

Note: If vehicle is equipped with system other than the following audio system , read carefully vehicle audio system instruction manual.





## Function of Baoling Audio Panel (optional)



1. Volume key

2. Power on /off key

3. Mode Select Key

4. Band Select Key

5. Clock Key

6. Automatic Storage Key

7. Memory Key

8. Skip Forward Key

9. Skip Backwards Key

10. Cassette Holder

11. Tune Key

12. Eject Key

13. LCD Display

## Introduction to General Buttons Function

### 1. Power Supply On / Off Key (POWR)

One press on (2) key turns power on; once more press on (2) key turns off power (Note: when power is engaged for the first time, Radio/Cassette Player will be in initial Operating Mode due to the Power On Reset of main control chip).

### 2. Mode Select Key (MODE)

If (3) key is pressed repeatedly, functional mode selection will be performed in the following order: VOL (Volume)-BAS (Bass)-TRE (Tremble)-BL (R.A.L.)-FA (F.A.R.)-VOL (Volume)

In any mode, pressing on "+" or "-" key will regulate corresponding function level. Volume Mode (VOL)

Pressing on "+" or "-" key will regulate corresponding volume level can be freely regulated within the range from 0 to 63.

Bass Mode (BAS)-

Pressing on "+" or "-" key may regulate the content for bass and bass level can be freely regulated within the range between - 7 and 7.

Tremble Mode (TRE)

Pressing key "+" or "-" key may regulate the content of tremble and tremble level can be freely regulated within the range between - 7 ~ 7.

Balanced Mode (BA)

Pressing key "+" or "-" key may regulate R.A.L. sound channel volume and volume level can be freely regulated within the range between 15L and 15R.

### 3. Band Selection Key (BD)

Pressing key (4) repeatedly will cycle radio bands in the following order:

FM1→FM2→FM3→FM4→AN→AM2

After band selection is finished, repress key "×" or "∧" to manually or automatically select radio station. After radio station is selected, press key (3) and key "+" or "-" to regulate volume level.

### 4. Clock Key (CLK)

Pressing key (5) could switch over between the display of radio frequency

and clock: If "CLK" key is pressed when radio is in work, clock will return to Frequency Display Mode after clock display for 5 seconds; Pressing this key and key "×" or "∧" simultaneously may adjust hour and minute.

### 5. Automatic Preset Memory Key (AS)

If key (6) is pressed for less than 2 seconds, pre-selected stored radio stations in Memory Keys (1~ 6) will be displayed in turn; Pressing the key for more than 2 seconds, character "ATP" will appear on display, meanwhile, radio player enter into Automatic Scanning Mode and 6 stations will be stored. Then radio will enter into Cycling Play Mode until any of keys (1~ 6) is pressed to select one station.

### 6. Memory Key (1~ 6)

Memory Key (1~ 6) may be used to store 30 stations (18 FM, 12 AM). If station needs to be selected manually, you may press the key "×" or "∧" to key, then press anyone of the key (1~ 6), you will store the selected stations into the location of program which the key is pressed for.

## 7.tuning Key( "▼", "▲" )

Press the key "▼" or "▲" temporarily, stations may be scanned manually step by step ( AM:9KHZ、FM:50HZ) until desirable stations are found. Press the key "▼" or "▲" more than 1 second; automatic scanning will be enabled until desirable stations are found. If the key "▼" or "▲" is pressed during automatic scanning, audio frequency will return to previous frequency.

## Radio receiving operation

- 1.Turn on the radio, press power key (2). When characters appear on display, radio is in the state of receiving signal.
- 2.Press band key (4), select band FM1、FM2、FM3、AM1、AM2.
- 3.tuning key (11) press key "▼" or "▲" to scan stations forward or backward manually. Press key more than 1 second; you may start automatic scanning until desirable stations are found.

- 4.Store stations manually. Select desirable station, and select Memory Key (1 ~ 6), then press the key for 2 second, the selected station will be stored in the key, six keys may memorize any stations of FM1, FM2, FM3, AM1 and AM2.

- 5.Sound effect regulation. Press key "MODE" to display character "VOL" on screen, pressing the key "+" or "-" within 5 seconds may change volume. If the key "+" or "-" is pressed in 5 seconds, display will return to main display state. The control mode of BASTRE、BL、FA are the same as volume .

- 6.Automatic scanning storage (6). Press key for 2 second and a signal will be received for confirming memory function and display scanning. Six stations with strong signal will be stored. Press key or anyone of the keys 1 ~ 6 temporarily, the function will be ceased, if you cannot find desirable six stations, these stations

will disappear.

- 7.Stereo. When stereo station is received, ST9 (indicating stereo) will be displayed automatically.

- 8.Scan memory stations. Press preset key 1~ 6,you will find stored stations.

Play

## Play Operation

- 1.The procedure for start-up is the same as receiving.
- 2.Insert the tape with its opening facing right, and push it into cassette holder, when the marks (TAPE and "▶" or "◀") indicating play and direction display on screen, radio is in normal play state.
- 3.Volume regulation is the same as radio.
- 4.Selecting songs. Press Fast Forward Key (8) or Fast Backward key (9) you may select desirable program quickly.
- 5.Reverse Playing Direction. Pressing Fast Forward Key and Fast Backward on the same time may have

tape play reversely.

6. Switch between receiving and playing

1. Push tape into cassette holder and receiving mode will change to playing mode.

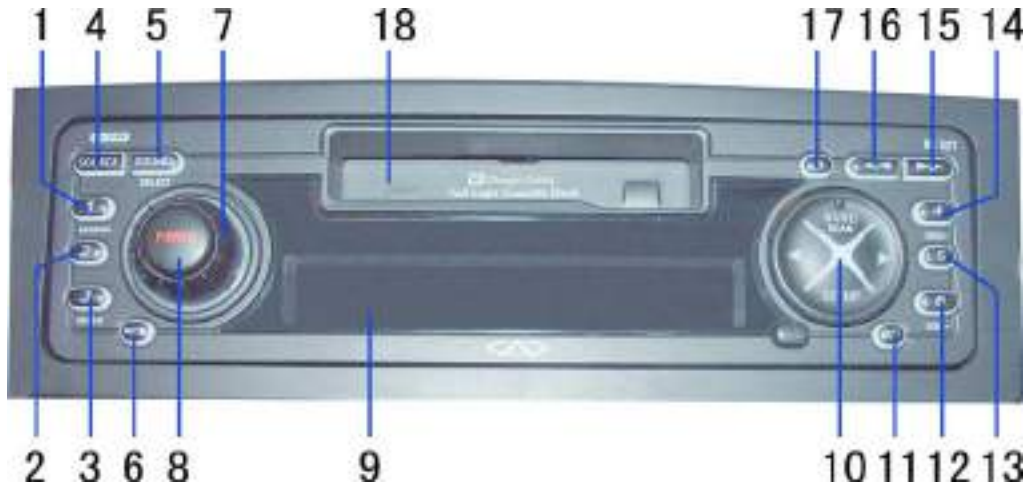
2. Press Eject Key (12) and tape will be ejected; playing mode will be switched over to receiving mode. Press Fast Forward or Fast Backward Key (after fast forward, Fast Backward is finished, radio will return to playing mode from receiving mode).

**! notice:**

In any case, no broken wire is allowed to be bare without insulation. A proper adapter may be used to connect circuit if necessary, or circuit overload, short circuit, even fire, may be caused. Furthermore, main parts may also be damaged. According to customers' different requirements, audio system configurations are not same. Our corporation provides common/electronic tuning radio; Single disk/multi-disk CD player; Antennas with or without amplifier etc; therefore, it is suggested to install or refit audio system by CHERY AUTO authorized service station. If other type of radio and CD player is adopted, it

must meet type and technology requirements which is specified in CHERY AUTO accessory catalogue and ensure its correct installation. According to CHERRY AUTO accessory catalogue and vehicle type, customer may also adopt other type of speaker, connector, antennae and anti-interference unit. If the accessory out of CHERY AUTO specifications is applied, there will be a failure in system. During antenna installation and replacement, antennae socket must be well sealed.

## VDO Audio Panel Function (optional)



1.Preset key 1

RANDOM:CD Random Play Start / Stop

2.Preset key 2

3.Preset key 3

REPEAT: CD Repeat Play Start/Stop

4.SOURCE: Sound source

5.SOUND Short press: sound effect mode

SELECT: Long press: sound set mode

6.MUTE: Mute

7.Volume

8.Power switch

9.Display

10.BAND: Band

SCAN: Radio frequency scan / CD play  
track scan

◀▶ High track, low track search (play)

Forward/backward track (CD box)

Music search system

11.AST: Automatic storage

12.Preset key 6

DISC-: Forward disk selection

13.Preset key 5

14.Preset key 4

DISC+: Backward disk selection

15. ▶▶ Fast Forward

16. ◀◀ Fast Backward

17. ▲ Tape eject Short press: Reverse  
tape

Long press: Tape eject

18.Tape

## Audio

### On/off

- Press POWER key to switch on or off volume
- Volume may be regulated by rotating the knob.

Warning: It is should be ensured that traffic signal (whistle, siren) could be heard.

### Mute

- Press MUTE key to activate or disable mute state. Audio effect
- Whether or not jazz music, popular music , verbal program , classical or rock music is preferred, SOUND(audio effect) key will meet your requirement.
- A short press on SOUND key selects a manufactory preset audio effect:

-BASS-TREB: Tremble and bass effect

may be set by yourself

-JAZZ: Jazz music

-VOCAL: verbal program

-POP: Popular music

-CLASSIC: Classical music

-ROCK: Rock music Audio setting

- Press SOUND key for more than 2 seconds and enter into audio setting mode
- Press SOUND key or SELECT key to select desirable audio effect mode.

-BASS (Bass, In BASS-TREB mode)

-TREBLE (Tremble, In BASS-TREB mode)

-BALANCE: R.A.L. volume  
Balance-FADER (Front and rear horn control)

-L0uDNEss(OFF, LOW, MID, HIGH, in BASS~TREB mode)

- Selected sound effect mode may be regulated by rotating volume knob .Display will return to previous Operating Mode after 5 seconds.

Sound source

Press SOURCE key to select desirable sound source:

-Radio

-Tape-Disk (If connected)

## Radio

Band

Press BAND key to select desirable band

FM1 → FM2 → FM3 → FMAST → FMA  
→ z → MW(AM). → MW(AM)2 → MW


### Notice:

If MW(AM) or LW band is not preferred, it could be canceled. If there are more preset stations than you preferred, corresponding cancel operation may be performed.

### Automatic Channel Search

Search for radio station by search tuning automatically.



Press  key to tune to low frequency station or high frequency stations. If another radio station is desirable, press the same key.

## Search sensitivity (Only FM)

-Search sensitivity may be regulated. Refer to "SRCH" items in "settings".

## Frequency scanning

Frequency scanning function enables you to enjoy the local station of every present band for 10 seconds.

-Frequency scanning function may be activated /disabled by pressing SCAN key for at least 2 seconds. Manual tuning (if desirable station frequency is available)

-To enter manual tuning mode: Go to "TUN" option in "settings" and set it in "MAN" ---radio manual tuning mode. System will remain in this mode before its setting is changed back to "AUTO" mode.

## Preset station

Store stations in preset key manually. Store 6 stations at each wave band with preset key (1 to 6)

-Tune to the desirable station.

-Press and hold on preset key for more than 2 seconds and present station will be stored in preset key.

When FM station is stored, associated RDS information and AF mode (on/off) will be stored together.

## Enjoy preset station

-Press desirable preset key (1 to 6) and preset station can be listened. **Automatic station storage (automatic storage)**

The 6 clearest FM stations in FM AST band or 6 stations in MW (AM) AST band may be stored automatically. When automatic station storage function is applied, stations formerly stored in FM AST or MW (AM) AST band will be covered.

-Press AST key to enter into automatic storage, then

-Radio will "beep", then gets mute.

-After storage, another "beep" will be heard.

-Begin to enjoy the stations in preset key 1


-Sometimes less than 6 stations could be found.

## Tape play

-Push tape into Cassette Holder with tape opening facing right. Tape play is started

-If there is tape in Cassette Holder, press SOURCE key to select tape as sound source. Tape play is started

Reverse the side.

-Press  to reverse faces side.

-Once one side is finished, tape sides will be reversed automatically to continue play.

Fast Forward/Fast Backward

Press ◀◀ key to activate/disable Fast Backward:

Press ▶▶ key to activate/disable Fast Backward:

-Here Radio/Cassette Player is switched to radio mode. When tape is finished, tape play will be continued. Music search system

-Previous/next track select the number of tracks to the track which is meant to skip from present track.

-Press ▶ key to select previous track.

-Press ▶ key to select next track.

-Radio/Cassette Player will remain mute until desirable track is reached. Only the track with a interval of more than 3 seconds can be identified.

Tape eject

-Press ▲ key to eject tape.

Tape maintenance

-Only 60 minute or 90 minute high quality tape may be used on

Radio/Cassette Player and put tape back into Radio/Cassette Player after using, which is meant to prevent dust and contamination from getting in and prevent tape from twisting.

-Do not expose tape to heating, sunlight or moisture.

-Clean tape head with cleaning tape regularly (one or twice each month).

## CD box

CD play (CD box if connected)

-VDO CD box connection is available.

-CDC 401 A or CDCI001 A.

-Press SOURCE key to select disc box (CD changer)

As sound source:

-Press DISC+ or DISC- key to select desirable disk.

-Once one disk is finished, next disk will continue playing automatically. If there is an empty disk position, it will be skipped

automatically. Previous/next track

-Press ◀ key or ▶ key to select desirable track.

-Start playing from the selected track. Fast Forward/Fast Backward

-Press ◀ key or ▶ key to Fast Backward or Fast Forward

-Normal play will be resumed after key is released.

Track scanning

This function enables you to browse every track for a couple of seconds.

-Press SCAN key to activate/disable track scanning function.

Random play

-Press RANDOM key for more than 2 seconds to activate/exit random play.

Repeat play

-Press RANDOM key for more than 2 seconds to activate/exit random play.

Disk eject

-Press ▲ key to eject disk.

## Clock setting

- Press and hold on SETUP key for at least 2 seconds to enter SETUF menu
- Press ► key to enter into " TIME "
- Press SETUP key to select " 12H" or " 24H "
- Press ► key to select hour item
- Example of Display:"0000"(24 hour format) or" AM 12:00"(12 hour format)
- Hour item begins to blink.

- Press SETUP key to adjust hour item
  - Press ► key to select minute item
  - Minute item begins to blink.
  - Press SETUP key to adjust minute item
  - Clock begins to operate from the adjusted time.
  - Press and hold on SETUP key for at least 2 seconds to exit from SETUF menu
  - If clock mode is activated, display unit will indicate time after 10 seconds from any key operation.
- Setting

- The initial setting of Radio/Cassette Player may be changed by user's appetite.
- Press SETUP key to enter SETUP
  - Press ◀ key ► key to select the option which is meant to change.
  - Press SETUP key to change setting.
  - Press and hold on SETUP key for at least 2 seconds to exit from SETUP menu after about one minute from user's last operation, Radio/Cassette Player will exit from SETUP mode automatically.

Option	Item	Usage
◀ or ▶	[Setting]	
RADIO	[EUROPE,LATAM AMERICA,ASIA]	Select tuning unit according to standards for Europe, Latin America, America
FM	[6,12,18]	Select the number of presented platforms in FMA mode
MW (AM)	[ON,OFF]	Apply ' OFF ' to turn off MW(AM)when radio is not at work
MW (AM)	[6,12]	Select the number of presetted stations in MW(AM) mode
TUN	[AUTO,MAN]	Select automatic or manual tuning
SRCH	[LO,DX]	Select ' LO ' if only clear frequency station is preferred when in automatic tuning mode.
TAPE	[+2,-1,0,+1,+2]	Tape play volume, related to tuning unit
CDC	[-2,-1,0,+1,+2]	CD box play volume, related to tuning unit
BEEP	[-2,-1,0,+1,+2]	Select the volume to confirm “beep”
TIME	[OFF,12H,24H]	Select desirable clock mode



# **Emergency situation**



## Emergency situation

Driver's tool、 Spare tire



Driver's tool and spare tire are all stored in the place for spare tires under luggage compartment floor.

Type of Jack	Scalable
Maximum operating load	600kg
Lubricant type	Lithium type

### ! Notice

1、 Attach spare tire and driver's tool tightly so as to prevent injures in the case of emergent braking or accident2、 The jack supplied here is only applied for the specified vehicle and not allowed to support any other vehicle or weight;3、 After vehicle is jacked ,engine is not permitted to start in case accident should happen.;4、 If some operations must be done under vehicle, be sure to support vehicle securely with proper brace.

## Wheel replacement

To avoid accident , following suggestions should taken when a tire needs to be replaced: • Drive vehicle out of driveway to clear safe area .

-Park vehicle on horizontal road.  
-Turned off ignition switch and remove ignition key.

-Turn on hazard warning flashlight and apply hand brake, put transmission in " 1"gear or "R" gear if necessary.

-Apply a wedge after or before the wheel diagonal to the wheel which is to be replaced to guard vehicle.

-Set a trigonometry warning plate 10m away from vehicle.

-Have all passengers out of vehicle to safe area.

### Replacement steps

-Remove wheel cover.

-Loosen all wheel bolts a full turn with wheel spanner, but do not remove bolts before wheel is lifted from ground.

-There are recesses in the front and rear bottom of vehicle for mounting jack.

Jacking points are marked by semicircle cuts. Locate jack vertically near the front or back of the wheel which is to be replaced. Turn jack bolt clockwise by hand unt il jack head contacts chassis..





-Insert jack crank handle into jack and turn jack handle clockwise to raise vehicle until the rising head of jack is seated in recess tightly and wheel is off the ground (about 3cm). Do not raise vehicle too high and recheck jack position against slipping when jack contacts vehicle and vehicle begins to rise.



-Turn wheel attaching bolt anticlockwise

to remove bolts, then remove wheel.  
-Install spare wheel in place and tighten wheel bolts clockwise by hand.  
-Rotate jack anticlockwise to lower vehicle to the ground. Tighten wheel bolts according to requirement on "diagonal" order (1 - 2 - 3 - 4).



-Install wheel cover. If improper wheel bolts are used or bolts are not tightened properly, wheel may get loose or break off causing vehicle out of control.  
-Apply proper wheel bolts  
-Ensure that wheel bolts are positioned rightly and tightened firmly.  
-Do not apply engine oil or lubricant on wheel bolts.

## ! Notice

Vehicle may be in instable state when using jack, even causing accident. Therefore: 1、Position jack in right jacking points. 2、Position jack perpendicular to the ground during installation. 3、Do not get under jacked vehicle and do not start vehicle on jack. 4、Before jacking, have all passengers out of vehicle to safe area. 5、Jack is designed only for wheel replacement. 6、Do not jack vehicle on slope or smooth surface. 7、Position jack at the side nearer to the wheel to be replaced and hold the wheel diagonal to the wheel to be replaced. 8、Before jacking, ensure that hand braking is applied and transmission is in "1" gear or "R" gear if necessary. 9、Do not replace tire where is near the place with heavy traffic. Special Notice: If you are not sure about tire replacement, contact the nearest CHERY AUTO authorized service station for help.

### Start engine by jumper wire

The battery from other vehicle may be used to start engine if vehicle battery is not charged enough to start vehicle. Any improper operation may result in battery explosion, personal injury or property damage and cause vehicle electric system failure to a certain extent.:

- Do not have battery near open fire or spark
- Do not have battery electrolyte contact eye, skin, fabric or lacquer finish. Electrolyte contains sulphuric acid which may cause injury by direct contact.
- Wear protective glasses when operating near battery in order to decrease the danger of being harmed.
- Ensure that the battery from vehicle for

starting has the same voltage (12V) with the original battery

- Do not disconnect battery which is not well charged.
- Shut electrical load which is not necessary.
- Do not bend over battery during starting by jumper.
- Do not have two leads for starting shorted.
- Apply hand brake and put transmission control lever in neutral gear. Connect one end of the first jumper to the positive pole (there is "+" mark on battery box or terminal) on the following method
- Connect the other end of the jumper to the positive pole ("+" mark) of the battery which is not well charged
- Connect one end of the second jumper to the negative pole of the battery which is

from other vehicle( marked with " - ").

-Connect the other end of the second jumper to the engine body or engine supporting screw of another vehicle. Do not connect jumper to the negative terminal of the battery which is not well charged. Connection points should be away from the battery which is not well charged as far as possible. Position jumpers properly avoid contacting the moving parts of engine compartment.

-The vehicle which offers battery source may run during jumper start. The vehicle with battery not well charged should be started within 1 minute

Emergency situation

And continuous starting time is not allowed to be more than 12 seconds. Connection should be disconnected once engine is started.

## ! Notice

When engine is started by jumpers, all electrical equipments should be shut off in case other systems or parts be damaged. do not start vehicle by pushing or pulling. Thus, three way catalytic converter and other electronic parts may be damaged.

## Vehicle Towing

If vehicle needs to be towed, contact the nearest CHERY AUTO authorized service station. Proper lifting and towing procedure should be taken to prevent vehicle from damaging. When vehicle is towed by raising wheels, the following steps should be taken:

- Turn on the hazard warning lamps on both vehicles.
  - Put ignition switch in " I " position.
  - Put gear control lever in neutral.
- Release hand brake.
- Vehicle should be towed with driving wheels (front wheels) away from the

ground.

## ! Notice

if vehicle is towed from the rearward with front wheels on ground, transmission may be damaged badly. So vehicle should be towed by raising front wheels. vehicle could also be towed by lifting rope transportation equipment assisted with flat plate or wheel lift device.

## Emergency towing

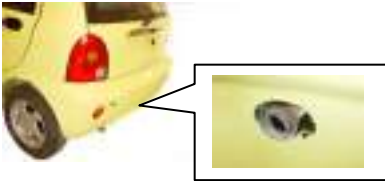
During emergency towing, towing auxiliary equipment is likely to be used. There is a special tow hook attached on the front and rear bumper of vehicle. When vehicle is towed with tow hook and hauling cable:



- Open tow hook cover
- Fasten cable to tow hook.
- Turn on the hazard warning lamps on both vehicles.
- Put gear shift lever in neutral and release hand brake.
- Put ignition switch in " II " position to unlock steering column, which enable stop lamp, horn and windshield wiper to operate.
- Only driver in leading vehicle may control turning and braking.

-Shut the window of towed vehicle and have for control lever in internal circulation mode to prevent leading vehicle exhaust from getting into towed vehicle.

-Start slowly to avoid bumping.



## ! Notice

When vehicle is towed by hauling cable , towed vehicle may be out of towed if wheel, transmission , turning or braking control. So vehicle should not be

system is damaged. Meanwhile, the following points should be taken:1、 Do not remove ignition key. For steering lock may be locked causing steering system incapable to turn.2、 Ensure that two ends of hauling cable is attached on hauling hook firmly. Push and pull hauling cable to check for tightening.3、 When other vehicle is towed , apply rear hauling hook.

## Self-aid

when in floppy road When vehicle gets into the pit of floppy ground and can

not be removed out, wiggle vehicle to get out of pit and put gear shifter repeatedly from X gear to R gear ,then from R gear to X gear. Meanwhile, depress accelerator pedal lightly. Do not idle engine to avoid overheating or other parts damaging. Ask for help if vehicle is still jammed after several operations.

## ! Notice

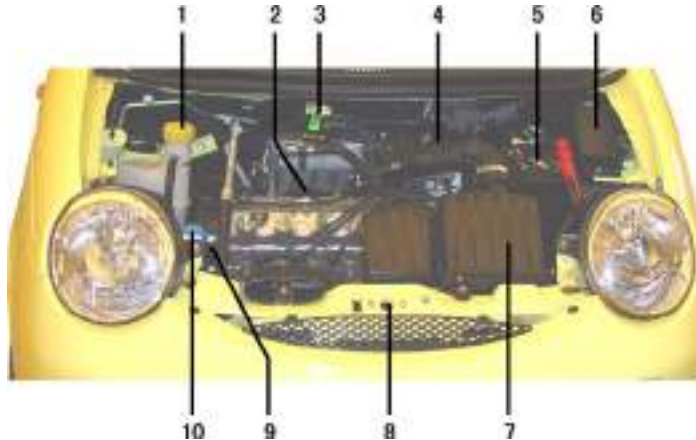
Vehicle may be trapped when driving on snowfield, sand or muddy land. Do not run wheels at high speed because racing a engine in this condition may damage driven elements.



# **Service and Maintenance**



## Engine Compartment



1. Expansion Tank
2. Oil Filter Door
3. Ignition Coil
4. Brake Fluid Tank

5. Battery
6. Fuse Relay Block
7. Air Filter
8. Engine Compartment Lock

9. Oil Dipstick
10. Washing Fluid Reservoir



## Service Precautions

Take care when check or repair vehicle to prevent person injury or damage.

Read and comply following general precautions when service vehicle:

Turn off engine and let engine cool down when engine is hot.

Use car stand when work under vehicle.

Do work under vehicle when a jack supports vehicle.

Fireworks, flame and electricity spark should be far away from battery, all parts related with fluid to avoid sudden

accident.

Do not reverse battery poles when connecting.

Take care to avoid short on vehicle battery, ignition wiring or high load current or voltage.

Keep good ventilation when work in closed condition as auto repairing workshop (especially when engine is running).

Avoid children touching used oil, coolant and other fluid.

Use specified disposal unit when dispose used oil, fluid and container.

Stop vehicle on level surface, shift selector to neutral position and apply

manual brake when work under engine hood while engine is running, otherwise an sudden accident may be caused.

To avoid accident, turn off engine and remove ignition key before working under engine hood, unless engine ON is required. If work under engine hood must be performed while engine is running, keep any possible matter (such as cope and fabric) away from engine or cooling fan because they may be engulfed and cause person injury and vehicle damage. And remove watch, bracelet and ring when working.

## Safety Precautions

Cooling fan may operate at any time; take care when checking to avoid possible person injury. Cooling fan is controlled by ECU and may operate suddenly.

When engine is at ON position, touching operational component is dangerous because electronic controlled ignition system has more power than tradition ignition system.

### ! Notice

Operating engine may cause hurt, burn and electricity shot. When ignition switch is on, DO NOT touch electrical component and hot components such as exhaust system.

## Driver Checking Items

Perform safety service and liable vehicle operation checking. Following checks are recommended:

### External Checking

- Check tire pressure and wearing;
- Check if wheel nut loosen;
- Check if vehicle operates normally;
- Check if oil, water, fuel and fluid leaks;
- Check wheel flexibility while steering;
- Check manual brake rod travel;
- Check if horn, wiper and turning indicator operate normally;
- Check if instrument and warning indicator operates normally;
- Check fuel gauge and fuel tank level;

- Check rear mirror position;
- Check door-locking operation;
- Check clutch pedal free travel and operation;
- Check brake pedal free travel and operation;
- Check if driver seat belt can be well worn;

### Engine Compartment

- Check oil level;
- Check engine coolant in expansion tank;
- Check battery condition;
- Check windscreen wiper fluid level;
- Check brake fluid level;
- Check power steering fluid level;
- Check automatic clutch fluid level;

## Service and Maintenance

Engine oil checking procedures

Ensure engine oil at specified level and right lubrication. Inspect oil level because oil will consume when engine runs. Vehicle must be stopped at level surface when checking. Wait several minutes when checking oil level ensuring oil return oil pan. If engine is cold, it will take a long time for oil returning.

Checking Oil Level: remove oil dipstick and clean with discoltony cloth, then insert dipstick to full. Remove dipstick and inspect if oil is between MIN and MAX scale.



Check if dipstick is dirty.

If oil level is under MIN scale, add oil to ensure oil level reaches MAX scale. Oil should not surpass MAX scale, otherwise oil consumption will increase which will foul spark park and cause carbon deposit.



When add oil, use same brand and grade oil with previous.

### ! Notice

Avoid frequent touch with engine oil; otherwise skin illness will be caused. Clean thoroughly after touching oil. Used oil should be kept away from children. Inadequate and over oil will cause engine damage. Inspect engine oil timely and frequently. Add oil as necessary. DO NOT over add engine oil.

## SPECIAL CAUTION:

For engine damage caused by inadequate oil, manufacturer does not effect warranty.

Replacing engine oil and oil filter

Replace engine oil upon time and mileage interval because oil may also deteriorate with time besides engine running.

Under special conditions as frequent cold starting and on-off switching in municipal road surface, engine oil and oil filter replacing interval shall shorten accordingly (comparing with recommended service schedule)  
Replace oil filter when replace oil.



driving at low speed (such as frequent ON-OFF switching)  
Driving under dusty area.

### ! Notice

Used oil and container is harmful to health and environment. DO NOT dispose used oil as normal waste. Dispose should be accordant to Chery Sedan Special Service Station (CSSS) or local safety disposal unit.

Service Interval	Capacity
5,000km or 6 months (3,000 km or 3 months under poor conditions)	SQR372: 2.9L (including oil filter) DA465: 3.0L (including oil filter)

### Bad Conditions:

Most driving distance less than 3,000km.  
Ambient temperature always under zero centigrade degree, and most driving distances less than 3,000 km.  
Frequent long-time idle running and/or

Under cold weather, use anti-freezing mixture of 40% water and 60% glycol.

## Coolant Level

Cooling system shall be filled with glycol coolant. Under normal concentration, coolant supplies good antiseptis and antifreeze protection, therefore common water cannot be used to replace coolant even in summer season.

Coolant Concentration



When engine is cold, coolant shall be within MAX and MIN scale on expansion tank. Level rises with engine temperature increasing and falls with engine cooling. If coolant level is under MIN scale, add anti-freezing mixture of 50% water and 50% glycol to improve anti-freezing and antiseptis performance.

	Coolant Concentration
--	-----------------------

	Antifreeze	Water
General Area	50%	50%
Cold Area	60%	40%

## Replacing Coolant

Service Interval	Capacity
40,000 km or every 2 years	SQR372: 3.8L DA465 4.5L

### ! Notice

Boiling coolant and vapor may eject under pressure, which may cause serious injury. Do not open coolant expansion tank lid when engine and water is hot. Antifreeze in engine coolant may hurt skin and eyes. Therefore necessary measures must be taken for avoiding antifreeze touch with eyes and skin. If coolant touches skin or eyes, wash with adequate water. If pain does not disappear,

see a doctor in time. Antifreeze content in coolant is not over than 60% and not less than 50%. Do not use alcohol or methanol or mix them with specified coolant. In coolant mixture, do use soft water, do not mix over coolant. If needs frequent adding, contact nearest CSSS. Check cooling system. USE antifreeze and coolant specified by Chery Sedan Company.

## Engine Overheating

If engine water temperature gauge indicates high readings or other reasons is doubted for causing engine overheating, stop vehicle and check.

Turn off A/C, let engine idle for several minutes. Check if cooling fan operates. If cooling fan does not operate, turn off ignition switch, and ask for help from CSSS.

If cooling fan operates, but no hot vapor occurs, open engine hood, let engine idle

till cooling down.

If cooling fan operates but temperature keeps high, turn off engine and let engine cool down, then check coolant level. If coolant level falls, check if water tank hose, connecting hose, water tank and pump leak.

If any leakage is detected, do not run engine. Contact and declare to the nearest CSSS.

### ! Notice

Vapor from overheated engine may hurt skin. Keep anybody away from such high temperature vapor. Turn off engine and let engine cool down. After vapor disappear, open engine hood.

**SPECIAL NOTICE:**

**DO NOT** open coolant expansion tank before cooling system cooling down to avoid person hurt.

## Brake Fluid

Brake fluid has high desiccation character. If over humidity is sopped up, hydraulic brake system performance may be affected. Therefore brake fluid must be replaced as specified schedule in this manual.

Fluid level in container should under MAX and over MIN scale.

Low fluid level indicates brake system leakage or consumption. It must be checked and repaired at nearest CSSS in time.



Service Schedule	Capacity
Replace brake fluid every 50,000km or 24 months. Under bad conditions, it should be replaced every 25,000 km or 12 months.	0.45L

Clean before refilling brake fluid, then open reservoir cap. And refill brake fluid to MAX scale. Tighten brake fluid reservoir cap.

### ! Notice

Brake fluid may hurts skin and eyes. Do not let brake fluid splash on skin or eyes. If brake fluid touches skin or eyes, wash with water thoroughly. If pain does not disappear, see a doctor immediately. For circumstance protecting purpose, store removed fluid in specified container. Brake fluid replacing must be completed at CSSS. If braking system is fouled,

braking system will deteriorate. Clean brake fluid reservoir surrounding area before removing reservoir cap. Use specified brake fluid authorized by Chery company.

**SPECIAL NOTICE:** Brake fluid is harmful to painting. If brake fluid splashes on vehicle painting, clean with water immediately.

## Transmission Fluid

Transmission fluid level can only be checked when engine is off, vehicle is stopped on level surface and transmission is cool enough to touch with hand.

Open fluid return cap. Check

transmission fluid level. Fluid level

should reach bottom of filler lid.

If the level is too low, then fill till overflow from filler. Tighten fluid filler lid plug.



Use transmission fluid specified lubrication table. After installing filler lid, inspect if leakage or damage exists.

Service Interval	Capacity
Every 30000km or 12 months	2.1L
Service Interval	Capacity
Check and refill as necessary	1.0L

## ! Notice

Fluid temperature is high after driving. Wait till fluid and filler lid cool down. For circumstance protecting purpose, store used fluid or container in specified unit.

## Air Filter

If vehicle is driven under dusty condition, clean or replace air filter frequently (comparing with interval recommended).



## ! Notice

If air filter is not replaced for a long time, it will deteriorate engine performance and engine component and further damage engine.

### Service Interval

Every 15,000 km half year: replace.  
Every 5,000 km or 3 months: clean.

## Spark Plug

Check spark plug as specified schedule. If heavy carbon deposit exists on spark plug, strong spark cannot generate which will cause inadequate engine power.

Clean carbon deposit on spark plug. Use brush to clean electrode, then raze carbon on insulation with small fill. Then blow using compressed air. Upper insulation must be cleaned. Adjust spark plug clearance (standard clearance is 0.7 mm-0.9 mm).

Service Interval
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Every 3,000 km or 18 months, replace.
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## Replacing Spark Plug

-Clean dust on spark plug seat.

-Remove high tension wire, then remove spark plug using spark plug wrench.

-Install new or cleaned spark plug using hand force, rotate spark plug clockwise for several turns. If spark plug cannot be smoothly rotated, remove it and try again. Ensure proper engage between plug thread and cylinder head thread.

-Tighten spark plug to specified torque using plug wrench (standard torque: 25 N.m).

Connect high-tension wire using right sequence.

## ! Notice

If engine spark plugs are installed improperly or plugs of wrong brand are installed, stumble engine operating may be caused, and even engine components may be damaged. To prevent engine or other components damaging, follow below items:

1. Spark plug must be tightened to specified torque. Spark plug cannot be over tightened, otherwise cylinder body threads may be damaged;
2. Align plug with hole when removing or tightening.
3. When install spark plug, tighten using hand force first.
4. Pull the sleeve when install spark wiring, do not pull spark plug.
5. Do not use spark plug of other brand.
6. Do not foul spark plug hole.
7. Use cares to avoid accidental burning when remove spark plug while engine is at high temperature.

## ! Notice

DO NOT run engine when checking belt, otherwise moving parts will be pressed,

## Drive Belt



Install belt properly and ensure appropriate belt tension, otherwise generator, A/C and other system operating may be affected. If drive belt is worn, cracked or swelled, replace it. Check belt tension: apply appropriate thumb pressure at the middle and measure if belt displacement is about 10mm. If belt is too loose, adjust and repair at nearest CSSS.

broken and twisted.



## Windscreen Washer Fluid

Use specified windscreen washer fluid.

### ! Notice

It is dangerous if washer does not operate properly when driving. Check washer fluid level before driving. Antifreeze do harm to painting, therefore 1. do not mix antifreeze in washer fluid; 2. do not mix water with washer fluid because water may ice which will damage washer reservoir and other components of windscreen washing system. 3. Use washer fluid of specified brand because other brand fluid may also damage washer system.

## Windscreen Wiper

Normal wiper operating can widen driver view field and improve safe driving.

Check wiper blades frequently. If necessary, replace non-smooth or fouled wiper blades.

No matter can be used for eliminating silicon sign on the glass, therefore do not apply polishing agent on windscreen.

Polishing agent may generate striation. Fouls on window windscreen may affect driver view, clean frequently as necessary.

If wiper does not operate normally, clean window or wiper blade with good washer or eradicator. And wash with water thoroughly. Replace wiper blade if necessary.

Replacing wiper blade: press blade and pull out of blade seat, and push new wiper blade into blade seat.

### ! Notice

Solvent, fuel and painting compound may damage wiper blade. Keep wiper blade free of them.



## Battery Service

Different battery is equipped on vehicle of different configuration. A free-service battery may be used on your vehicle. But for service-needed battery vehicle, check and service battery frequently.

## Built-in Densimeter

Check if battery terminals eroded (white or red powder). For eliminating the erosion, apply soda and water solution on terminal, then solution will bubble and turns orange. After this change, purge solution with clean water and wipe off with cloth or house paper. Apply Vaseline on terminals to prevent possible erosion. Follow below precautions for better servicing battery:  
Install battery firmly;  
Keep battery top clean and dry.  
Keep terminal and connection clean and firm. Apply terminal and connection with Vaseline and grease.  
If electrolyte leaks, clean with solution of

water and soda immediately.  
If vehicle is not driven for a long time, remove battery terminals to prevent discharge. Charge battery every 6 weeks.

### ! Notice

Battery acid has strong causticity and flammable, follow below items:1.Keep battery away from flame, spark and fireworks.2.Keep battery acid away from any part of vehicle body, costume or painting surface.3.For circumstance protecting purpose, store used battery in specified site or disposed by CSSS.

Battery polarity can not be reversed, otherwise accident will occur.

## Brake Pedal

### Brake pedal free travel

Turn off engine. Pump pedal several times to release vacuum in brake system. Press pedal slightly with hand until slight resistance is felt. Measure pedal distance. If distance is not as specified, adjust it at nearest CSSS in time.

Brake pedal free travel	6—10mm
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## Clutch Pedal

Over or no clutch pedal travel occurs, check and repair it at CSSS.

## Manual Brake

Apply manual brake from release to full engage position. Count clicks to check manual brake engage. When vehicle climbs on steep, apply manual brake firmly. If clicks are not within specification, adjust manual brake at CSSS.

Travel	5~7 clicks at 20kg force
--------	--------------------------

## Catalytic converter

Do not use leaded gasoline because it do harms to catalytic converter and electronic controlled injection system. For vehicle equipped with catalytic converter, fuel filler is too small to insert leaded gasoline gun.



### ! Notice

DO NOT use leaded gasoline to avoid damaging catalytic converter.

Follow below items; otherwise catalytic converter may be damaged.

-When no starting, abnormal engine running after cold-start, poor engine power or other abnormality indicating engine problems occurs, drive at low vehicle and engine speed for short time. Therefore following items must be prevented:

-Frequent cold-start

-Over starting time when restart engine (injection time prolong at start-up )

-Empty fuel tank (abnormal fuel supply may cause overheating)

All service and maintenance must be competed at CSSS. Normal operating of all components in electronic controlled injection system, injection system and ignition system can decrease emission pollution and prolong catalytic converter service life.

## Wheel and tire

The tires fitted by the manufacturer match the chassis and achieve optimum running comfort and security. Before exchanging other diverse type tires or wheels, consult the server guested by Chery Automobile to obtain technical support. The using of improper tires or wheel may cause an accident.

### ! Notice

The wrong tire size will give rise to contradiction between tires and body .If you replace 145 / 65 RB tires with 155 / 65 RB ones; you need to alter steering device components. Whenever replace original type tires with other type ones, you should consult chery automobile guest service station.

## Tire inflation

Measure tire pressure with the precise tire gauge under low temperature..The

specified tire pressure is necessary for driving comfort, traveling security and tire life lengthening. Check the pressure of tires (including wheel spare wheel) every other 14 days or before long-distance travel.

Tire pressure kpa (PSI )

Condition	Front	Rear
1-3 passengers	207(30)	207(30)
4-5 passengers	207(30)	234(34)

The air pressure may drop below the specified minimum value and the pressure will not descend when tires heat. After air pressure examination, tighten up the valve cap.

If the tire pressure do not comply with the provisions, tire abrasion will be accelerated and influence security, automobile operability, comfort and fuel

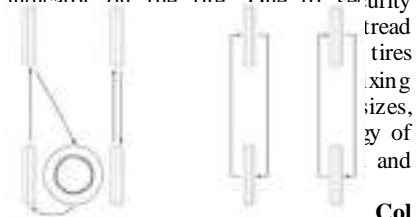
oil fuel oil efficiency. Too low air pressure will give rise to tire radiation and internal loss and result in tire crack and tire flat during high-speed driving. Undiscovered damage on the tire cannot be eliminated by inflation pressure adjustment.

**Tire condition**The tire shall not press on the uneven side at parking. Driving on sharp edge could bring about tire hidden defect, which probably bring about the danger of deflation. Drive on the rough road with the appropriate angle slowly if possible. Termly search tire damage which can give rise to tire burst, such as foreign impuritie, deflation, laceration, fissures and crossrange salient. And search hud damage. If there occurs damage or inordinate wear, seek help from Chery automobile guest service station

Inordinate wear is usually caused by the following causes including tire pressure in nonconformity with the provisions, no periodic tire alternation, incorrect wheel alignment, tire unbalance, emergent braking or bad driving habit.

## Tread wear indicator

Termly inspect tread pattern depth in order to assist you in judging when to replace the tire. There is built-in tire tread wear indicator on the tire. When the tire tread is 1.6 mm thick or less thicker, the indicator will occur between the tread patterns, and the position of the wear indicator is displayed by longitudinal indicator on the tire. Due to security



### Cold enduring tire

If using cold enduring tire, 4 tires must be assembled at the same time. Driving speed



### ! Notice

Tire mixed using or inferior brand using can make vehicle out of control and the using of various sizes will harm automobiles. Guarantee the same sizes and type of the entire wheel. Use specified tire by original factory. It is extremely risky to use wear tire, junk tire or damaged tire, even going to the length of an accident. If the following circumstances occur, including tire tread should not exceed the specified highest speed of a vehicle by tire manufacturer. Using cold enduring tire must conform to tire pressure specified by the tire

abrasion indicator exposure or tire damage, please replace the tire. The used tire is harmful to health and environments and should not be disposed as house garbage. It should be cleaned up with locally specified security cleaning mechanism. The wicked road environments such as water, snow, ice and grit will reduce towing force, make vehicle out of control, so under such circumstances, driving should be slow.

### Tire alternation

The service conditions of front and rear wheel are different, so the abrasion status is different too. It depends mainly on running road surface, driving habit and so on. For the front wheels abrade more rapidly than the back wheels, in order to avoid tire wear irregularity and lengthen tire life, replace the tires, adjust tire air pressure and inspect wheel nut tightness every other 5000 Km is necessary

manufacturer.

**! Notice** Using cold enduring tire can cause adverse impact on the security and

automotive dirigibility .Use standard tires with the same sizes and the same type. Don't use cold enduring tire so long as road conditions permit.

## **Snow chain**

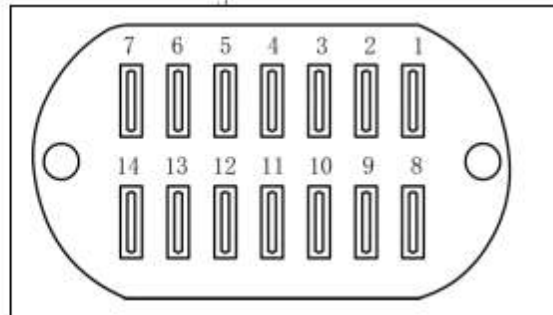
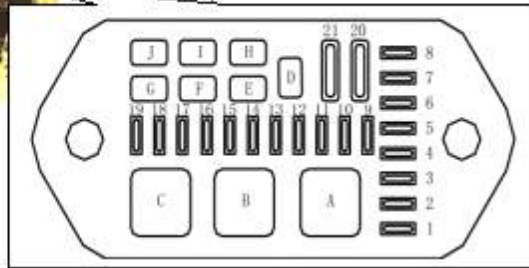
According to the road location or mode, alter tire chain regulation and inspect the chain before installation. When install chain on the tires, please necessarily carefully observe the provisions by the chain manufacturer. Before chain installation, please take away wheel housing in case that the chain scratches the wheel housing. Firmly fix the chain on the front tires. It is advisable that it not be used on the rear wheel. After running of 0.5~1.0km,fasten the chain once again.

**! Notice**Using snow chain could bring about adverse effect on automobile manipulation, accordingly the speed of a vehicle should not exceed 50 Km /h(30mph )AK or in compliance with the specified velocity limit( less than 50 Km /h) by the manufacturer .if you heard the chain striking vehicle body or chassis ,immediately stop the vehicle and fasten the chain When Using snow chain , avoid sharp turn , impact blow ,hurdling pit, wheel lockup and braking , or follow the provisions by chain manufacturer. The incorrect using of Snow chain could gave rise to interference between snow chain and vehicle body.

## Ignition system

The electronic ignition system has larger energy than conventional Ignition system, accordingly don't contact ignition components with highly fatalness.

## Fuse



## Inner Fuse Box

1	Instrument	10A
2	— — —	30A
3	Turn light	30A
4	Oil pump	10A
5	Brake lamp	20A
6	Radio	20A
7	Cigar lighter	15A
8	Front windscreen	10A
9	Back windscreen	10A
10	Electronic rearview mirror	15A
11	Room light	10A
12	Hazard way light	10A
13	Central door lock	10A
14	Starter	10A

## Fuse and relay of machinery room

1	Electronic control module	10A
2	Cooling fan	30A
3	ABS anti-lock	30A
4	Bugle	10A
5	Headlight	20A
6	Electronic control module	20A
7	Front fog light	15A
8	Rear fog light	10A
9	Left rear light	10A
10	Right rear light	15A
11	Left passing lamp	10A
12	Right passing lamp	10A
13	Left driving beam	10A
14	Right driving beam	10A
15	Defrosting	15A
16	Dynamo fan	20A

17	Backing-up lamp	10A
18	ABS anti-lock	5A
19	Electronic control module	15A
20	IP fuse box	40A
21	ABS anti-lock	40A
A	(Large) cooling fan relay	
B	Main relay	
C	Dynamo fan relay	
D	Air-conditioning relay	
E	Passing relay	
F	(Small) cooling fan relay	
G	Front fog lamp relay	
H	Driving beam relay	
I	Bugle relay	
J	Rear fog lamp relay	





Dismount fuse box cover and take out blowing fuse when replacing fuse. View the face of the fuse to judge whether the fuse is damaged. Only the fuses with the same specification can be used with the specification on them.

### ! Notice

Using the fuse whose specification varies from the original one can lead to the damage of electric system, or even fire. Only the fuses with the same specification can be used

### Fuse box

There are two fuse boxes in the car, One is set below the steering wheel on the left

side of the instrument panel, the other is close to the accumulator in the engine room.

## Importance

Headlight correcting is a security item, accordingly should be accomplished by the guest service station of Chery with specialized equipment and technology.

### ! Notice

There is compressed gas in the halogen bulb, so the bulb fallen or scratched may burst. Replacing and conditioning halogen bulb need particular attention. : 1.Replace halogen bulb wearing cover glasses.2 avoid bulb abrasion and scoring .3 After electricity switching on, keep bulb away from liquid and take notice of ventilation. Illuminate bulb after it has been fixed on the lamp holder; don't touch bulb in illuminating.5 if fissure or damage appears , replace the

bulb.6 keep children away from the bulb.7carefully handle with used bulb 8 moisture on hands will reduce bulb life .

## Headlight driving beam and passing lamp

- Discover engine coating and erect supporting bar.
- Cut the bunch plugging components behind the bulb.
- Detach the back cover.
- Unfasten bulb location stanching spring and detach the bulb.
- Fix new bulb.
- Install the bulb in reversed sequence. •When fixing bulb, ensure bulb salient part correctly in the recess of crust.
- Fix back cover.
- Insert bunch plugging components.



## ! Notice

Oil stain on the finger will contaminate bulb and result in dim lamplight. Don't touch halogen bulb with hand. Wash the bulb with clean lint-free cloth with alcohol or painter's naphtha on it.

## Traveling Lamp

- Discover engine coating and erect supporting bar.
- Cut the bunch plugging components behind the bulb.
- Detach the back cover.
- Detach the bulb fixing holder of the headlight.
- Directly detach the bulb from the fixing holder.
- Fix new bulb.

- Fix new bulb.
- Install the bulb in reversed sequence.

## Front turn signal lamp

- Take down the two fixing bolts.
- Cut the bunch plugging components behind the bulb.
- Contra-rotate the bulb fixing holder and detach it.
- Pull the lamp out from the fixed base.
- Fix new bulb.
- Install the bulb in reversed sequence.



## Lateral turn signal lamp

- Draw backwards and detach the components of Lateral turn signal lamp.
- Install the bulb in reversed sequence.

- Contra-rotate the bulb fixing holder and detach it from bulb crust.
- Directly pull the bulb out of the fixing holder.
- Fix new bulb.
- Install the bulb in reversed sequence.

## Rear light, braking light, rear turn signal lamp, backing-up lamp and rear fog light.

- Discover the trunk cover.
- Take down the two fixing bolts.
- Detach the fixing bolt in the rear machine room and take down rear assembly.
- Contra-rotate the bulb fixing holder and detach it from bulb crust.



## High-level brake light

- Discover the trunk cover.
- Take down the two fixing bolts and cover.
- Contra-rotate the bulb fixing holder and detach it from fixing holder.
- Fix new bulb.
- Install the bulb in reversed sequence.



## License light



- Take down the two fixing bolts.
- Detach the bulb from bulb crust
- Directly pull the bulb out of the fixing holder.
- Push the new bulb into the fixing holder.
- Install the fixing holder into the bulb crust.
- Fix the two fixing bolts.



## Room light

- Pry the bulb out of the room light with screwdriver.

- Push spring clip and detach the broken bulb.
- Fix new bulb.



- Install the bulb in reversed sequence.



# **Automobile maintenance**



## External maintenance and cleaning of automobile

### **External lacquered surface**

Lacquering brings esthetic appearance and viability to automobile.

The best way of lacquered surface maintenance is to clean frequently to keep lacquered parts neat, use tepid water or cold water for washing rather than hot water or under the direct irradiation of sunshine, soap or chemical cleaners with high concentration are not permitted to use, all the cleaning agents have to be instantly flushed away from the surface, none of which could remain on surface.

The Chery automobile, designated for normal environment conditions, can endure the influence of normal natural environment, whereas in abnormal conditions like high-pressure car flushing circumstance the water will go into the inner part of car.

### **Burnishing and waxing of car body**

Regular burnishing and waxing of car body are suggested to remove sediments. These sediments may not be flushed away completely by quick washing,

on the surface. Chery Service Station provides relevant qualified products.

Regular water cleaning should be kept to protect the glossiness of external metal components. Special care should be taken to protect plumbiferous luster.

In order to avoid plumbiferous luster spoilage, inscriptive grinding materials, water vapour or corrosive soap are not permitted for cleaning, all the bright metal components are suggested to daub paraffin. Leaden wheels and wheel disks have to be washed to keep tidy and avoid contact with road dust or saliferous objects, the original status of wheels and wheel disks should be protected and regular cleaning is suggested, corrosive cleaning agents or brushes are not permitted to use to avoid surface coating spoilage.

### **Anticorrosion**

Your automobile is designated according to the requirement of anticorrosion; most components of vehicles have applied therefore cleaning agents are required. Damages to lacquering surfaces must be

special substances and protective coating to keep nice appearance, strength and reliable operation. Some parts (such as the special components located in the engine room and chassis) are unexposed to the air, thus the rusty stain will not influence their reliabilities, and measures of anticorrosion are unnecessary to take on these parts.

### **Latten spoilage**

If your vehicle is damaged, repair and replacing of body panels need to be done, suitable anticorrosive materials should be guaranteed on the repaired or replaced parts of fixed automobile body to resume anticorrosion.

### **Impurity sediment**

If impurities such as Calcium chloride and other salts, ice flux, pavement tar, resin, ordure of birds, chemicals from industry and others remain on the lacquering surface, the surface coating would be damaged.

avoided when using chemical cleaning agents.



## Surface coating spoilage

Any fissures or deep scratches on the surface coating should be immediately patched, or the exposed metal will instantly get stained, if this continues more repair fees may be spent. Scratches could be patched with patching materials; extensive coating damages have to be patched in Chery Service Station.

## Chassis maintenance

Corroderent materials and dust will build up in the chassis, more of which will appear in the chassis components like transport pipelines, car frame, soleplate and the air exhaust system without cleaning, these objects should be flushed away from chassis at least every spring, especially those areas where mud and other impurities may accumulate should be cleaned, please go to Chery Service Station to make the maintenance when necessary.

## ! Attention

Damages caused by impurity sediment or the range of warranty of quality does not cover stone blocks.

## Fuel and its addition

### Fuel oil

Normal gasoline: the value of octane is not less than 93 # (GB17930 — 1999 unleaded motor gasoline).

### Fuel oil additives

Vehicle driving performance, engine performance and service life are directly influenced by the quality of fuel oil, whereas the additives could improve the performances above, therefore, our company suggests you adopt fuel oil with additives in high quality. If this could not be done temporarily, or when

malfunctions such as starting difficulty, unstable idling or power coastdown in engine appear, adequate additives should be added in fuel oil addition. The Fuel oil additives play the part of engine anticorrosion and fouling, oil supply system cleaning, moreover, they can prevent throttle body from icing under the temperature between 0-15°C.

Fuel oil additives approved by our company are supplied in Chery Service Station, working staff in the station is expert at method of application and the processing method of engine fouling, and they are ready to help you.

### Engine oil

Special top engine oil has filled before automobile leaves. Except for regions in particular and cold climate, it can be used as all-purpose oil all year round.

Because the mobile oil in high quality is the prerequisite of ensuring engine trouble free running and durability prolonging, the special used top mobile oil specified by Chery have to apply in mobile oil addition or replacing circumstances.

In respect that there are varieties of mobile oil served in the market, and the qualities of which vary a lot, it is emphasized that the mobile oil can only be chosen from the ones provided by this specification. The tag numbers of mobile oil illustrated in this page can also be found from the vessel label. These oils will mix naturally in oil supplement.

Viscosity and classification descriptions  
The viscosity levels must be chosen pursuant to the range shown in the graphs. It is unnecessary to replace the engine oil if the temperature exceeds the provided range only in short time.

- A-multirange mobile oil
  - multirange mobile oil in high quality, with tag number API—SFI
- B-Improved lubricating mobile oil
  - Efficient engine oil,
- C-Single range mobile oil in high quality, with tag number APL—SFI

Engine oil additives  
Other items should not be added to mix

with the engine oil.  
The service range does not cover damages caused by mobile oil additives addition.

**Important descriptions:**  
It goes without saying that the exploration and update of engine oil is continuous, and the parameters illustrated in this specification are only fit for the publishing conditions.  
Our company guarantees that we are ready to inform the latest technical information to Chery Service Station at any time, therefore, the replacement of mobile oil proceeded by Chery Service Station will be best.



## **Specifications and technical data**

<these data are provided only for reference>



## Dimensions

Length (mm)	3550		
Width (mm)	1495	Approach angle	21°
Height (mm)	1485		
Axle distance (mm)	2340	Rear overhang angle	33°
Front overhang (mm)	700	Front wheel camber	1° ± 30'
Rear overhang (mm)	510	Caster angle	3° 15' ± 30'
Front wheel gauge	1295	Toe-in of front wheel	10 ± 10'
Rear wheel gauge	1260	Rear wheel camber	0° ± 20'
Minimum of ground clearance (sump)	125	Toe-in of rear wheel	10' ± 20'

Notice: Due to different types of wheel assembled, there might be some discrepancies in height data.

## Engine data

### Performance parameters

Model	SQR372	DA465Q---1A2/D	SQR472F	SQR472FB
Shape	Vertical, three cylinder, four cycle, water-cooling, straight type overhead camshaft, multi-spot electric control gasoline injection	Vertical, quadruple cylinder, four cycle, water-cooling, straight type overhead camshaft, multi-spot electric control gasoline injection	Vertical, four cylinder, four cycle, water-cooling, straight type overhead camshaft, multi-spot electric control gasoline injection	
mm Diameter of steam cylinder	72	65.5	72	72
mm Piston path	66.5	78	66.5	61
Displacement ml	812	<b>1051</b>	1083	993
Compression ratio	9.5:1	9.0:1	9.5:1	9.5:1
Rated power kw	38(6000r/min)	38.5(5200r/min)	50(6000r/min)	42(6000r/min)
Maximum torque N.m	70(3500-4000r/min)	83(3000-3500r/min)	90(3500-4000r/min)	84(3500-4000r/min)

## Wheel

Tire	Wheel rim
155/65 R13	5J*13

Notice: the above Tire---Wheel rim combination specifications is suitable for steel or aluminum alloy wheel rim, please ask Chery Service Station for advice whether other types of tire and wheel rim are fit for the vehicle.



## tire inflation pressure

kPa

item	front wheel	rear wheel	spare tire
	155/65 R13 <del>X</del> 73H	155/65 R13 <del>X</del> 73H	
half load	220	220	250
full load	240	240	250

### ! Notice:

The tire pressure should be inspected at least once every month, which is extremely important in high speed drive. Pressure value shown in the diagram is applicable to the tires in cold conditions, after being heated the pressure of tire slightly goes up, however, it is unnecessary to lower the air pressure.

When winter tires are equipped, the pressure value illustrated above should plus 20Kpa.

In order to more conveniently look for the specified value of air inflation pressure, undried glue labels have been stuck on the inner surface of the oil supply port cover plates, on which the specified tire inflation pressure value is signed.

## Unclassified technical characteristics

	SQR7080	SQR7110	SQR7111	SQR7101
Volume of drip box	35	35	35	35
Cooling system capacity including heating	3.8	4.5	4.5	4.5
Engine lubricating system (oil change amount)---(nearly) L The capacity between the MIN and MAX tags of dipstick-----L	2.9	3.0	3.5	3.5
(km/h)Max driving speed	130	130	130	130
(kg)Curb weight	880	910	890	890
(kg)Total weight	1255	1285	1265	1265

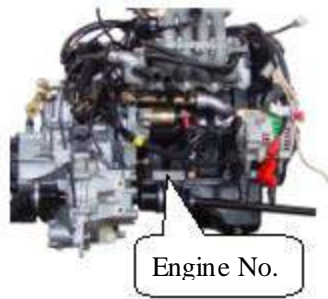
## Formal vehicle identification number

The vehicle identification number (VIN) has been printed on the cross beam under the front windshield.



## Engine No.

The engine number is printed in the middle of front part of the steam cylinder.

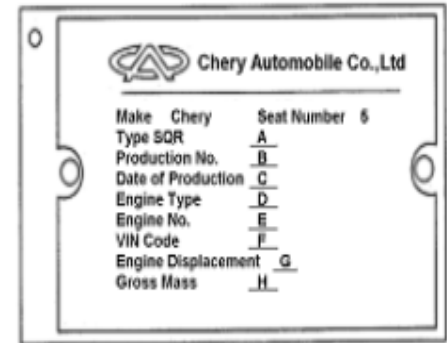


### ! Notice:

Every one should protect the environment, and do everything starting from himself, flotsams such as used engine oil, brake oil, geared system, antifreeze liquid, accumulator and tire have to be cleared with the locally particular waste treatment system. They are forbidden to be put into dump bin or drainpipe. While washing the vehicle, the fuel oil, solid oil and oil residue should be flushed away, therefore car washing should be done in divisions supplied with oil separator or in Chery Service Station.

## Data label of vehicle

Data label of vehicle is on the cross beam of engine room.

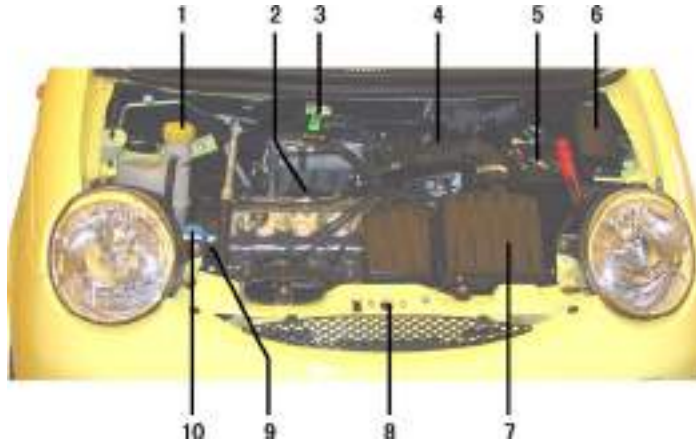


;

## **Service and Maintenance**



## Engine Compartment



- 11. Expansion Tank
- 12. Oil Filter Door
- 13. Ignition Coil
- 14. Brake Fluid Tank

- 15. Battery
- 16. Fuse Relay Block
- 17. Air Filter
- 18. Engine Compartment Lock

- 19. Oil Dipstick
- 20. Washing Fluid Reservoir

## Service Precautions

Take care when check or repair vehicle to prevent person injury or damage.

Read and comply following general precautions when service vehicle:

Turn off engine and let engine cool down when engine is hot.

Use car stand when work under vehicle.

Do work under vehicle when a jack supports vehicle.

Fireworks, flame and electricity spark should be far away from battery, all parts related with fluid to avoid sudden

accident.

Do not reverse battery poles when connecting.

Take care to avoid short on vehicle battery, ignition wiring or high load current or voltage.

Keep good ventilation when work in closed condition as auto repairing workshop (especially when engine is running).

Avoid children touching used oil, coolant and other fluid.

Use specified disposal unit when dispose used oil, fluid and container.

Stop vehicle on level surface, shift selector to neutral position and apply

manual brake when work under engine hood while engine is running, otherwise an sudden accident may be caused.

To avoid accident, turn off engine and remove ignition key before working under engine hood, unless engine ON is required. If work under engine hood must be performed while engine is running, keep any possible matter (such as cope and fabric) away from engine or cooling fan because they may be engulfed and cause person injury and vehicle damage. And remove watch, bracelet and ring when working.

## Safety Precautions

Cooling fan may operate at any time; take care when checking to avoid possible person injury. Cooling fan is controlled by ECU and may operate suddenly.

When engine is at ON position, touching operational component is dangerous because electronic controlled ignition system has more power than tradition ignition system.

### ! Notice

Operating engine may cause hurt, burn and electricity shot. When ignition switch is on, DO NOT touch electrical component and hot components such as exhaust system.

## Driver Checking Items

Perform safety service and liable vehicle operation checking. Following checks are recommended:

### External Checking

- Check tire pressure and wearing;
- Check if wheel nut loosen;
- Check if vehicle operates normally;
- Check if oil, water, fuel and fluid leaks;
- Check wheel flexibility while steering;
- Check manual brake rod travel;
- Check if horn, wiper and turning indicator operate normally;
- Check if instrument and warning indicator operates normally;
- Check fuel gauge and fuel tank level;

- Check rear mirror position;
- Check door-locking operation;
- Check clutch pedal free travel and operation;
- Check brake pedal free travel and operation;
- Check if driver seat belt can be well worn;

### Engine Compartment

- Check oil level;
- Check engine coolant in expansion tank;
- Check battery condition;
- Check windscreen wiper fluid level;
- Check brake fluid level;
- Check power steering fluid level;
- Check automatic clutch fluid level;



## Service and Maintenance

Engine oil checking procedures

Ensure engine oil at specified level and right lubrication. Inspect oil level because oil will consume when engine runs. Vehicle must be stopped at level surface when checking. Wait several minutes when checking oil level ensuring oil return oil pan. If engine is cold, it will take a long time for oil returning.

Checking Oil Level: remove oil dipstick and clean with discottony cloth, then insert dipstick to full. Remove dipstick and inspect if oil is between MIN and MAX scale.



Check if dipstick is dirty.

If oil level is under MIN scale, add oil to ensure oil level reaches MAX scale. Oil should not surpass MAX scale, otherwise oil consumption will increase which will foul spark park and cause carbon deposit.



When add oil, use same brand and grade oil with previous.

### ! Notice

Avoid frequent touch with engine oil; otherwise skin illness will be caused. Clean thoroughly after touching oil. Used oil should be kept away from children. Inadequate and over oil will cause engine damage. Inspect engine oil timely and frequently. Add oil as necessary. DO NOT over add engine oil.

## SPECIAL CAUTION:

For engine damage caused by inadequate oil, manufacturer does not effect warranty.

Replacing engine oil and oil filter

Replace engine oil upon time and mileage interval because oil may also deteriorate with time besides engine running.

Under special conditions as frequent cold starting and on-off switching in municipal road surface, engine oil and oil filter replacing interval shall shorten accordingly (comparing with recommended service schedule)

Replace oil filter when replace oil.



Service Interval	Capacity
5,000km or 6 months (2,500 km or 3 months under poor conditions)	SQR372: 2.9L (including oil filter) DA465: 3.0L (including oil filter) SQR472: 3.5L(including oil filter)

### Bad Conditions:

Most driving distance less than 3,000km.  
Ambient temperature always under zero centigrade degree, and most driving distances less than 3,000 km.

Frequent long-time idle running and/or driving at low speed (such as frequent ON-OFF switching)  
Driving under dusty area.

### ! Notice

Used oil and container is harmful to health and environment. DO NOT dispose used oil as normal waste. Dispose should be accordant to Chery Sedan Special Service Station (CSSS) or local safety disposal unit.

## Coolant Level

Cooling system shall be filled with glycol coolant. Under normal concentration, coolant supplies good antiseptis and antifreeze protection, therefore common water cannot be used to replace coolant even in summer season.

Under cold weather, use anti-freezing mixture of 40% water and 60% glycol.



When engine is cold, coolant shall be within MAX and MIN scale on expansion tank. Level rises with engine temperature increasing and falls with engine cooling. If coolant level is under MIN scale, add anti-freezing mixture of 50% water and 50% glycol to improve anti-freezing and antiseptis performance.

Coolant Concentration

	Coolant Concentration	
	Antifreeze	Water
General Area	50%	50%
Cold Area	60%	40%

## Replacing Coolant

Service Interval	Capacity
40,000 km or every 2 years	SQR372: 3.8L DA465: 4.5L SQR472: 4.5L

### ! Notice

Boiling coolant and vapor may eject under pressure, which may cause serious injury. Do not open coolant expansion tank lid when engine and water is hot. Antifreeze in engine coolant may hurt skin and eyes. Therefore necessary measures must be taken for avoiding antifreeze touch with eyes and skin. If coolant touches skin or eyes, wash with

adequate water. If pain does not disappear, see a doctor in time. Antifreeze content in coolant is not over than 60% and not less than 50%. Do not use alcohol or methanol or mix them with specified coolant. In coolant mixture, do use soft water, do not mix over coolant. If needs frequent adding, contact nearest CSSS. Check cooling system. USE antifreeze and coolant specified by Chery Sedan Company.

## Engine Overheating

If engine water temperature gauge indicates high readings or other reasons is doubted for causing engine overheating, stop vehicle and check.

Turn off A/C, let engine idle for several minutes. Check if cooling fan operates.

If cooling fan does not operate, turn off ignition switch, and ask for help from CSSS.

If cooling fan operates, but no hot vapor

occurs, open engine hood, let engine idle till cooling down.

If cooling fan operates but temperature keeps high, turn off engine and let engine cool down, then check coolant level. If coolant level falls, check if water tank hose, connecting hose, water tank and pump leak.

If any leakage is detected, do not run engine. Contact and declare to the nearest CSSS.

### ! Notice

Vapor from overheated engine may hurt skin. Keep anybody away from such high temperature vapor. Turn off engine and let engine cool down. After vapor disappear, open engine hood.

**SPECIAL NOTICE:**

**DO NOT** open coolant expansion tank before cooling system cooling down to avoid person hurt.

## Brake Fluid

Brake fluid has high desiccation character. If over humidity is sopped up, hydraulic brake system performance may be affected. Therefore brake fluid must be replaced as specified schedule in this manual.

Fluid level in container should under MAX and over MIN scale.

Low fluid level indicates brake system leakage or consumption. It must be checked and repaired at nearest CSSS in time.



Service Schedule	Capacity
Replace brake fluid every 50,000km or 24 months. Under bad conditions, it should be replaced every 25,000 km or 12 months.	0.45L

Clean before refilling brake fluid, then open reservoir cap. And refill brake fluid to MAX scale. Tighten brake fluid reservoir cap.

### ! Notice

Brake fluid may hurts skin and eyes. Do not let brake fluid splash on skin or eyes. If brake fluid touches skin or eyes, wash with water thoroughly. If pain does not disappear, see a doctor immediately. For circumstance protecting purpose, store removed fluid in specified container. Brake fluid replacing must be completed at CSSS. If braking system is fouled,

braking system will deteriorate. Clean brake fluid reservoir surrounding area before removing reservoir cap. Use specified brake fluid authorized by Chery company.

**SPECIAL NOTICE:** Brake fluid is harmful to painting. If brake fluid splashes on vehicle painting, clean with water immediately.

## Transmission Fluid

Transmission fluid level can only be checked when engine is off, vehicle is stopped on level surface and transmission is cool enough to touch with hand.

Open fluid return cap. Check

transmission fluid level. Fluid level

should reach bottom of filler lid.

If the level is too low, then fill till overflow from filler. Tighten fluid filler lid plug.



Use transmission fluid specified lubrication table. After installing filler lid, inspect if leakage or damage exists.

Service Interval	Capacity
Every 30000km or 12 months	2.1L
Service Interval	Capacity
Check and refill as necessary	1.0L

## ! Notice

Fluid temperature is high after driving. Wait till fluid and filler lid cool down. For circumstance protecting purpose, store used fluid or container in specified unit.

## Air Filter

If vehicle is driven under dusty condition, clean or replace air filter frequently (comparing with interval recommended).



## ! Notice

If air filter is not replaced for a long time, it will deteriorate engine performance and engine component and further damage engine.

### Service Interval

Every 15,000 km half year: replace.  
Every 5,000 km or 3 months: clean.

## Spark Plug

Check spark plug as specified schedule. If heavy carbon deposit exists on spark plug, strong spark cannot generate which will cause inadequate engine power.

Clean carbon deposit on spark plug. Use brush to clean electrode, then raze carbon on insulation with small fill. Then blow using compressed air. Upper insulation must be cleaned. Adjust spark plug clearance (standard clearance is 0.7 mm-0.9 mm).

Service Interval
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Every 3,000 km or 18 months, replace.
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## Replacing Spark Plug

-Clean dust on spark plug seat.

-Remove high tension wire, then remove spark plug using spark plug wrench.

-Install new or cleaned spark plug using hand force, rotate spark plug clockwise for several turns. If spark plug cannot be smoothly rotated, remove it and try again. Ensure proper engage between plug thread and cylinder head thread.

-Tighten spark plug to specified torque using plug wrench (standard torque: 25 N.m).

Connect high-tension wire using right sequence.

## ! Notice

If engine spark plugs are installed improperly or plugs of wrong brand are installed, stumble engine operating may be caused, and even engine components may be damaged. To prevent engine or other components damaging, follow below items:

8. Spark plug must be tightened to specified torque. Spark plug cannot be over tightened, otherwise cylinder body threads may be damaged;
9. Align plug with hole when removing or tightening.
10. When install spark plug, tighten using hand force first.
11. Pull the sleeve when install spark wiring, do not pull spark plug.
12. Do not use spark plug of other brand.
13. Do not foul spark plug hole.
14. Use cares to avoid accidental burning when remove spark plug while engine is at high temperature.

## ! Notice

DO NOT run engine when checking belt, otherwise moving parts will be pressed,

## Drive Belt



Install belt properly and ensure appropriate belt tension, otherwise generator, A/C and other system operating may be affected. If drive belt is worn, cracked or swelled, replace it. Check belt tension: apply appropriate thumb pressure at the middle and measure if belt displacement is about 10mm. If belt is too loose, adjust and repair at nearest CSSS.

broken and twisted.

## Windscreen Washer Fluid

Use specified windscreen washer fluid.

### ! Notice

It is dangerous if washer does not operate properly when driving. Check washer fluid level before driving. Antifreeze do harm to painting, therefore 1. do not mix antifreeze in washer fluid; 2. do not mix water with washer fluid because water may ice which will damage washer reservoir and other components of windscreen washing system. 3. Use washer fluid of specified brand because other brand fluid may also damage washer system.

## Windscreen Wiper

Normal wiper operating can widen driver view field and improve safe driving.

Check wiper blades frequently. If necessary, replace non-smooth or fouled wiper blades.

No matter can be used for eliminating silicon sign on the glass, therefore do not apply polishing agent on windscreen.

Polishing agent may generate striation. Fouls on window windscreen may affect driver view, clean frequently as necessary.

If wiper does not operate normally, clean window or wiper blade with good washer or eradicator. And wash with water thoroughly. Replace wiper blade if necessary.

Replacing wiper blade: press blade and pull out of blade seat, and push new wiper blade into blade seat.

### ! Notice

Solvent, fuel and painting compound may damage wiper blade. Keep wiper blade free of them.



## Battery Service

Different battery is equipped on vehicle of different configuration. A free-service battery may be used on your vehicle. But for service-needed battery vehicle, check and service battery frequently.

## Built-in Densimeter

Check if battery terminals eroded (white or red powder). For eliminating the erosion, apply soda and water solution on terminal, then solution will bubble and turns orange. After this change, purge solution with clean water and wipe off with cloth or house paper. Apply Vaseline on terminals to prevent possible erosion. Follow below precautions for better servicing battery:  
Install battery firmly;  
Keep battery top clean and dry.  
Keep terminal and connection clean and firm. Apply terminal and connection with Vaseline and grease.  
If electrolyte leaks, clean with solution of

water and soda immediately.  
If vehicle is not driven for a long time, remove battery terminals to prevent discharge. Charge battery every 6 weeks.

### ! Notice

Battery acid has strong causticity and flammable, follow below items:1.Keep battery away from flame, spark and fireworks.2.Keep battery acid away from any part of vehicle body, costume or painting surface.3.For circumstance protecting purpose, store used battery in specified site or disposed by CSSS.

Battery polarity can not be reversed, otherwise accident will occur.

## Brake Pedal

### Brake pedal free travel

Turn off engine. Pump pedal several times to release vacuum in brake system. Press pedal slightly with hand until slight resistance is felt. Measure pedal distance. If distance is not as specified, adjust it at nearest CSSS in time.

Brake pedal free travel	6—10mm
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## Clutch Pedal

Over or no clutch pedal travel occurs, check and repair it at CSSS.

## Manual Brake

Apply manual brake from release to full engage position. Count clicks to check manual brake engage. When vehicle climbs on steep, apply manual brake firmly. If clicks are not within specification, adjust manual brake at CSSS.

Travel	5~7 clicks at 20kg force
--------	--------------------------

## Catalytic converter

Do not use leaded gasoline because it do harms to catalytic converter and electronic controlled injection system. For vehicle equipped with catalytic converter, fuel filler is too small to insert leaded gasoline gun.



### ! Notice

DO NOT use leaded gasoline to avoid damaging catalytic converter.

Follow below items; otherwise catalytic converter may be damaged.

-When no starting, abnormal engine running after cold-start, poor engine power or other abnormality indicating engine problems occurs, drive at low vehicle and engine speed for short time. Therefore following items must be prevented:

-Frequent cold-start

-Over starting time when restart engine (injection time prolong at start-up )

-Empty fuel tank (abnormal fuel supply may cause overheating)

All service and maintenance must be competed at CSSS. Normal operating of all components in electronic controlled injection system, injection system and ignition system can decrease emission pollution and prolong catalytic converter service life.

## Wheel and tire

The tires fitted by the manufacturer match the chassis and achieve optimum running comfort and security. Before exchanging other diverse type tires or wheels, consult the server guested by Chery Automobile to obtain technical support. The using of improper tires or wheel may cause an accident.

### ! Notice

The wrong tire size will give rise to contradiction between tires and body .If you replace 145 / 65 RB tires with 155 / 65 RB ones; you need to alter steering device components. Whenever replace original type tires with other type ones, you should consult chery automobile guest service station.

## Tire inflation

Measure tire pressure with the precise tire gauge under low temperature..The

specified tire pressure is necessary for driving comfort, traveling security and tire life lengthening. Check the pressure of tires (including wheel spare wheel) every other 14 days or before long-distance travel.

Tire pressure kpa (PSI )

Condition	Front	Rear
1-3 passengers	207(30)	207(30)
4-5 passengers	207(30)	234(34)

The air pressure may drop below the specified minimum value and the pressure will not descend when tires heat. After air pressure examination, tighten up the valve cap.

If the tire pressure do not comply with the provisions, tire abrasion will be accelerated and influence security, automobile operability, comfort and fuel

oil fuel oil efficiency. Too low air pressure will give rise to tire radiation and internal loss and result in tire crack and tire flat during high-speed driving. Undiscovered damage on the tire cannot be eliminated by inflation pressure adjustment.

**Tire condition**The tire shall not press on the uneven side at parking. Driving on sharp edge could bring about tire hidden defect, which probably bring about the danger of deflation. Drive on the rough road with the appropriate angle slowly if possible. Termly search tire damage which can give rise to tire burst, such as foreign impuritie, deflation, laceration, fissures and crossrange salient. And search hud damage. If there occurs damage or inordinate wear, seek help from Chery automobile guest service station

Inordinate wear is usually caused by the following causes including tire pressure in nonconformity with the provisions, no periodic tire alternation, incorrect wheel alignment, tire unbalance, emergent braking or bad driving habit.

## Tread wear indicator

Termly inspect tread pattern depth in order to assist you in judging when to replace the tire. There is built-in tire tread wear indicator on the tire. When the tire tread is 1.6 mm thick or less thicker, the indicator will occur between the tread patterns, and the position of the wear indicator is displayed by longitudinal indicator on the tire. Due to security consideration, replace the tire if its tread abrasion depth is 2~3 mm. Replace tires in couple, Select the correct fixing sequence. Guarantee identical tire sizes, identical type and identical technology of the two tires on the same axle shaft and the identical tread patterns.



### ! Notice

Tire mixed using or inferior brand using can make vehicle out of control and the using of various sizes will harm automobiles. Guarantee the same sizes and type of the entire wheel. Use specified tire by original factory. It is extremely risky to use wear tire, junk tire or damaged tire, even going to the length of an accident. If the following circumstances occur, including tire tread

abrasion indicator exposure or tire damage, please replace the tire. The used tire is harmful to health and environments and should not be disposed as house garbage. It should be cleaned up with locally specified security cleaning mechanism. The wicked road environments such as water, snow, ice and grit will reduce towing force, make vehicle out of control, so under such circumstances, driving should be slow.

### Tire alternation

The service conditions of front and rear wheel are different, so the abrasion status is different too. It depends mainly on running road surface, driving habit and so on. For the front wheels abrade more rapidly than the back wheels, in order to avoid tire wear irregularity and lengthen tire life, replace the tires, adjust tire air pressure and inspect wheel nut tightness every other 5000 Km is necessary.



## Cold enduring tire

If using cold enduring tire, 4 tires must be assembled at the same time. Driving speed should not exceed the specified highest speed of a vehicle by tire manufacturer. Using cold enduring tire must conform to tire pressure specified by the tire manufacturer.

**! Notice** Using cold enduring tire can cause adverse impact on the security and automotive dirigibility. Use standard tires with the same sizes and the same type.

Don't use cold enduring tire so long as road conditions permit.

## Snow chain

According to the road location or mode, alter tire chain regulation and inspect the chain before installation. When install chain on the tires, please necessarily carefully observe the provisions by the chain manufacturer. Before chain installation, please take away wheel housing in case that the chain scratches the wheel housing. Firmly fix the chain on the front tires. It is advisable that it not be used on the rear wheel. After running of 0.5~1.0km, fasten the chain once again.

**! Notice** Using snow chain could bring about adverse effect on automobile manipulation, accordingly the speed of a vehicle should not exceed 50 Km/h (30mph) or in compliance with the specified velocity limit (less than 50 Km/h) by the manufacturer. If you heard the

chain striking vehicle body or chassis, immediately stop the vehicle and fasten the chain. When using snow chain, avoid sharp turn, impact blow, hurdling pit, wheel lockup and braking, or follow the provisions by chain manufacturer. The incorrect using of Snow chain could give rise to interference between snow chain and vehicle body.

## Ignition system

The electronic ignition system has larger energy than conventional Ignition system, accordingly don't contact ignition components with highly fatalness.

## Fuse



Dismount fuse box cover and take out blowing fuse when replacing fuse. View the face of the fuse to judge whether the fuse is damaged. Only the fuses with the same specification can be used with the specification on them.

### ! Notice

Using the fuse whose specification varies from the original one can lead to the damage of electric system, or even fire. Only the fuses with the same specification can be used

### Fuse box

There are two fuse boxes in the car, One is set below the steering wheel on the left

side of the instrument panel, the other is close to the accumulator in the engine room.

## Importance

Headlight correcting is a security item, accordingly should be accomplished by the guest service station of Chery with specialized equipment and technology.

### ! Notice

There is compressed gas in the halogen bulb, so the bulb fallen or scratched may burst. Replacing and conditioning halogen bulb need particular attention. : 1.Replace halogen bulb wearing cover glasses.2 avoid bulb abrasion and scoring .3 After electricity switching on, keep bulb away from liquid and take notice of ventilation. illuminate bulb after it has been fixed on the lamp holder; don't touch bulb in illuminating.5 if fissure or damage appears , replace the

bulb.6 keep children away from the bulb.7carefully handle with used bulb 8 moisture on hands will reduce bulb life .

## Headlight driving beam and passing lamp

- Discover engine coating and erect supporting bar.
- Cut the bunch plugging components behind the bulb.
- Detach the back cover.
- Unfasten bulb location stanching spring and detach the bulb.
- Fix new bulb.
- Install the bulb in reversed sequence. •When fixing bulb, ensure bulb salient part correctly in the recess of crust.
- Fix back cover.
- Insert bunch plugging components.



## ! Notice

Oil stain on the finger will contaminate bulb and result in dim lamplight. Don't touch halogen bulb with hand. Wash the bulb with clean lint-free cloth with alcohol or painter's naphtha on it.

## Traveling Lamp

- Discover engine coating and erect supporting bar.
- Cut the bunch plugging components behind the bulb.
- Detach the back cover.
- Detach the bulb fixing holder of the headlight.
- Directly detach the bulb from the fixing holder.
- Fix new bulb.

- Fix new bulb.
- Install the bulb in reversed sequence.

## Front turn signal lamp

- Take down the two fixing bolts.
- Cut the bunch plugging components behind the bulb.
- Contra-rotate the bulb fixing holder and detach it.
- Pull the lamp out from the fixed base.
- Fix new bulb.
- Install the bulb in reversed sequence.



## Lateral turn signal lamp

- Draw backwards and detach the components of Lateral turn signal lamp.
- Install the bulb in reversed sequence.

- Contra-rotate the bulb fixing holder and detach it from bulb crust.
- Directly pull the bulb out of the fixing holder.
- Fix new bulb.
- Install the bulb in reversed sequence.

## Rear light, braking light, rear turn signal lamp, backing-up lamp and rear fog light.

- Discover the trunk cover.
- Take down the two fixing bolts.
- Detach the fixing bolt in the rear machine room and take down rear assembly.
- Contra-rotate the bulb fixing holder and detach it from bulb crust.



## High-level brake light

- Discover the trunk cover.
- Take down the two fixing bolts and cover.
- Contra-rotate the bulb fixing holder and detach it from fixing holder.
- Fix new bulb.
- Install the bulb in reversed sequence.

## License light



- Take down the two fixing bolts.
- Detach the bulb from bulb crust
- Directly pull the bulb out of the fixing holder.
- Push the new bulb into the fixing holder.
- Install the fixing holder into the bulb crust.



- Fix the two fixing bolts.

## Room light

- Pry the bulb out of the room light with screwdriver.
- Push spring clip and detach the broken bulb.
- Fix new bulb.



- Install the bulb in reversed sequence

### Scheduled Maintenance Rules

Complete Regulate Maintenance at Chery Authorized Service Station



## Service and Maintenance

Item	Mileage ( Km )		
	5000	15000	30000
Light, warning flasher, horn: check performance		★	★
Wiper and washing system: check performance, add washer fluid if necessary		★	★
Check clutch free pedal travel, adjust it if necessary		★	★
Cooling system: check antifreeze level, replace if necessary	★	★	★
Oil: Replace	★	★	★
Oil filter: Replace	★	★	★
Engine: check leakages (oil, antifreeze, fuel, A/C system)	★	★	★
Engine: adjust valve clearance (only applied on SQR 7160 sedan)	★	★	★
Battery: check electrolyte solution level, refill distilled water if necessary		★	★
Timing belt: check belt tension and wear, adjust or replace if necessary.	★	★	★
Engine hood hinge and lock: lubricate	★	★	★
Door hinge and door stopper: lubricate	★	★	★
Spark plug: check and replace if necessary		★	★

## Service and Maintenance

Item	Mileage ( Km)		
	5000	15000	30000
Air filter: clean shell, clean filter element and replace it if necessary.	★	★	★
Ignition timing: check	★	★	★
Fuel filter: replace			★
Exhaust system: check if leak and damage		★	★
Wedge belt: check tension, adjust or replace as necessary		★	★
Driver: check if leak or damage		★	★
Constant velocity joint dust boot: check if damaged	★	★	★
Steering tie rod joint: check clearance and if dust boot damaged	★	★	★
Steering universal joint assembly boot: check if misplaced or damaged	★		★
Power steering system: check if power steering oil level, steering gear & rack clearance improper		★	★
Brake system: visually check if leak or damage and brake fluid level		★	★
Hand brake: check the travel, adjust if necessary		★	★
Brake lining: check its thickness	★	★	★

## Service and Maintenance

Item	Mileage ( Km )		
	5000	15000	30000
Under-body protective cover: check if damaged			★
Seat belt: check if damaged		★	★
Toe-in value and camber angle: measure, adjust if necessary		★	★
Ball pin: check the clearance		★	★
Engine oil sump bolt: check if loose, tighten if necessary			★
Control arm rubber boot: check if damaged		★	★
Braking hose: check if aged or damaged		★	★
Braking pipe: check if damaged, eroded or leaky connection		★	★
Fuel system connections: check if aged, damaged, abnormal loosening or rubbing			★
Tire (including spare tire): check tires veins depth, adjust tire pressure, check wheel bolt tightening torque.		★	★
Tires exchange		★	★
Chassis and body connecting bolts: check if loose, tighten if necessary	★	★	★
Wheel: check if loose	★	★	★

## Service and Maintenance

Item	Mileage ( Km)		
	5000	15000	30000
Rear wheel hub bearing: check clearance and lubricating condition		★	★
CO content at idle: measure and adjust if necessary	★	★	★
Road test: check if all mechanism operates normally.	★	★	★
Note: For manual transmission, replace gear oil in transmission case every year or 30,000 km. Replace brake fluid every 2 years or 50,000 km.			

## Maintenance Card At First 5,000 km

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Use Nature: \_\_\_\_\_

Vehicle ID Number: \_\_\_\_\_

Service Station Seal

Owner Signature: \_\_\_\_\_



CHERY



Service Station Seal

### Vehicle Information

Chassis number

Vehicle Model

Vehicle model Explanation



Engine/Transmission Number

Paint number/ Interior Equipment

Optional Parts





Vehicle Owner: \_\_\_\_\_

Company (Name): \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Purchasing Date: \_\_\_\_\_

Use Nature: \_\_\_\_\_

Vehicle ID Number: \_\_\_\_\_

## Maintenance Card At First 5,000 km

Date: \_\_\_\_\_ Mileage: \_\_\_\_\_

Checking Items	Yes	No
1. Check if lubricating system, cooling system and fuel system leak	( )	( )
2. Replace engine oil and oil filter.	( )	( )
3. Check coolant level, add if necessary or adjust coolant concentration.	( )	( )
4. Check if driver leaks.	( )	( )
5. Check if steering tie rod dust boot damaged.	( )	( )
6. Check if constant velocity joint dust boot of drive axle damaged.	( )	( )
7. Check if brake fluid leaks and brake pipe/hose damaged.	( )	( )
8. Check if brake pump operates properly.	( )	( )
9. Check if tire pressure within specification.	( )	( )

Checking Items	Yes	No
10. Check generator and A/C belt tension, adjust if necessary.	( )	( )
11. Check engine hood hinge and lock reed.	( )	( )
12. Check if A/C system leaks.	( )	( )
13. Check if power steering pipeline leak. Add power steering oil as necessary.	( )	( )
14. Check if steering universal joint dust boot installed properly or damaged.	( )	( )
15. Check if smooth shifting exists among gears on manual transmission.	( )	( )
16. Check if chassis-body connecting bolts loosen.	( )	( )

## Maintenance Card At First 5,000 km

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Use Nature: \_\_\_\_\_

Vehicle ID Number: \_\_\_\_\_

Service Station Seal

Owner Signature: \_\_\_\_\_

## Maintenance Certification

### Scheduled Maintenance

When driving mileage reaches 10,000 km or driving for 6 months after last service, perform 5,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Scheduled Maintenance

When driving mileage reaches 15,000 km or 6 months after last service, perform 15,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Scheduled Maintenance

When driving mileage reaches 20,000 km or 6 months after last service, perform 5,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Complete scheduled maintenance as Cheery QQ sedan scheduled maintenance rules.

## Maintenance Certification

### Scheduled Maintenance

When driving mileage reaches 25,000 km or 6 months after last service, perform 5,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Scheduled Maintenance

When driving mileage reaches 30,000 km or 6 months after last service, perform 15,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Scheduled Maintenance

When driving mileage reaches 35,000 km or 6 months after last service, perform 5,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Complete scheduled maintenance as Cheery QQ sedan scheduled maintenance rules.



## Maintenance Certification

### Scheduled Maintenance

When driving mileage reaches 40,000 km or 6 months after last service, perform 5,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Scheduled Maintenance

When driving mileage reaches 45,000 km or 6 months after last service, perform 15,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Scheduled Maintenance

When driving mileage reaches 50,000 km or 6 months after last service, perform 5,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Complete scheduled maintenance as Cheery QQ sedan scheduled maintenance rules.

## Maintenance Certification

### Scheduled Maintenance

When driving mileage reaches 55,000 km or 6 months after last service, perform 5,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Scheduled Maintenance

When driving mileage reaches 60,000 km or 6 months after last service, perform 15,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Scheduled Maintenance

When driving mileage reaches 65,000 km or 6 months after last service, perform 5,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Complete scheduled maintenance as Chery QQ sedan scheduled maintenance rules.

## Maintenance Certification

### Scheduled Maintenance

When driving mileage reaches 70,000 km or 6 months after last service, perform 5,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Scheduled Maintenance

When driving mileage reaches 75,000 km or 6 months after last service, perform 15,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Scheduled Maintenance

When driving mileage reaches 80,000 km or 6 months after last service, perform 5,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Complete scheduled maintenance as Chery QQ sedan scheduled maintenance rules.

## Maintenance Certification

### Scheduled Maintenance

When driving mileage reaches 85,000 km or 6 months after last service, perform 5,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Scheduled Maintenance

When driving mileage reaches 90,000 km or 6 months after last service, perform 15,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Scheduled Maintenance

When driving mileage reaches 95,000 km or 6 months after last service, perform 5,000 km maintenance item.

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station Seal Here

Next Maintenance time or mileage

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Complete scheduled maintenance as Chery QQ sedan scheduled maintenance rules.

# Service and Maintenance

## CHERY SPECIFIED OILS AND THEIR SUBSTITUTES

### ENGINE OIL

If unauthorized oil is used, engine excessive wear or more serious fault may be caused. Therefore please do use specified oil.

### FUEL

As specified, homemade premium unleaded #93 or higher-grade gasoline must be used on Chery QQ sedan. If lower-grade or inferior gasoline is used, engine service life may be reduced. Problems caused by such case are not within manufacturer quality warranty.

### TRANSMISSION GEAR OIL

GL-4 brand, SAE 75W-90 or Furs 75V transmission gear oil is used on manual transmission sedan. Different brand oils cannot be blended to use.

## COOLANT

As recommended, do use coolant according to Chery company specifications. Neither soft nor hard water can be used as coolant.

## RECOMMENDED BRAND OF OTHER OIL, FLUID AND GREASE

	Replacing Mileage (km)
Power Steering Oil	2 years /50,000km
Gear Shifting Mechanism Grease	2 years/50,000km
Brake Fluid	2 years/50,000km
Manual Transmission Gear Oil	1 year/30,000km

## Service and Maintenance

### SAFE PROTECTION SYSTEM

Complete air bag system must be replaced at CASS after 10 years from use date. Replacement must be carried out at CASS.

Replace air bag system at CASS as specified schedule to ensure normal operation.

If air bag system was replaced before schedule (e.g. after traffic accident), fill out replacing note for later reference.

## Service and Maintenance

### AIR BAG REPLACING NOTE

- ( ) DRIVER AIR BAG
- ( ) PASSENGER AIR BAG
- ( ) LEFT SIDE AIR BAG
- ( ) RIGHT SIDE AIR BAG
- ( ) AIR BAG CONTROL MODULE
- ( ) AIR BAG WIRING HARNESS
- ( ) PRETENSION SEAT BLET
- ( ) OTHER PARTS

1、-----

2、-----

3、-----

4、-----

5、-----

6、-----

DATE: -----

CASS SEAL HEAR



## ce and Maintenance

