

## ADVICE

*User's Manual* clarifies the agreement between Chery Automobile Co., Ltd. and the User on the product quality warranty responsibility and the establishment and termination of after-sales service rights and responsibilities. Please read this *User's Manual* carefully before using our products.

## User's Manual for Chery Karry series

Sincere congratulations on your own of one Chery Karry! Also, with great appreciation on your great favor on our company and our products.

The personnel of Chery authorized service station are trained with good professional trainings, who will sincerely provide you with the top quality services.

Chery Karry features advanced technology and prominent performances. Your choice of Chery Karry will prove that you have extra-high requirements on the vehicle performance and design.

Please read this manual carefully, since the information contained in this manual can let you understand how to operate and maintain your vehicle properly so as to achieve the driving pleasure to the maximum extent.

This user's manual applies to the Chery Karry.

Chery Automobile Co., Ltd.

This manual is established based on the detailed conditions of Karry vehicles manufactured by Chery Automobile Co., Ltd., which only applies to the Karry vehicles manufactured by Chery Automobile Co., Ltd. This manual included the latest information up to the date when this manual is printed. Chery Automobile Co., Ltd. will be wholly responsible for the modification and explanation of this manual and reserved the rights for product replacement after the print of this manual without any prior notice. Some pictures in this manual are illustrations for reference only. The real article should take precedence in case of any conflict between the pictures and the real articles.

This manual is the main evidence for vehicle quality warranty. Please keep this manual in your vehicle so that it's available whenever you need it. When you resell this vehicle, please hand over this manual and all the documentation attached with this vehicle to the new owner so that they are available whenever the new owner needs them.

## Special Statement

Please make sure to read this manual before using this product, especially "Quality warranty service" chapter, avoiding exempted from the right to enjoy quality warrantee service provided by our company due to violating operation manual.

Chery Automobile Co., Ltd. (hereafter referred as "Our Company" or "Chery Company") defined the technical maintenance regulations of the new vehicle run in and of maintenance at various stages for the products, of which including the first 5,000 km maintenance. Please make sure to abide by above regulations since above defined maintenances are vital to the safety operation and the maintaining of good running conditions of your vehicle.

Your claim right will be forfeited in case of the failure of your vehicle or vehicle parts that arising from the abuse, negligence, improper use, the maintenance not in accordance with the specified mileage/period, or the warranty evidence not signed or stamped in accordance with the requirements, or any unauthorized

refit/attachment. Therefore, any direct or indirect warranty application thereof will not be accepted by the Chery authorized service station.

Any problems of Our Company's products during use must be overhauled by the Chery authorized service station. During the overhaul process, Chery authorized service station is entitled to decide based on the conditions to perform the repair by means of repair or the replacement of equivalent parts.

If you encountered anything unclear during the careful reading of this manual, Chery Company and Chery authorized service station will give you the detailed explanation. Also, the precious advices of vast users are highly welcomed.

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**Wish you pleasant driving!**

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## **Chapter 1 Summary**

## Before reading this User's Manual, you should understand following things.

Thanks for your purchase of Chery vehicle. In order to operate your vehicle properly and guarantee your rights and benefits, please spend some time to read this manual carefully.

This manual provides the important instructions and hints on the daily driving and regular maintenance and care, with the purpose for your familiarity with the operation of your vehicle. Only the more understanding to your vehicle can guarantee the safety and economy of the vehicle driving as well as enjoy the pleasure thereof.

Any improper operation may damage your vehicle as well as may be deprived of your claim right.

The periodical maintenance to your vehicle will help maintain the driving performance and used value of your vehicle. The Chery authorized service stations all over the country boasted numerous repair experts to provide you with service anytime. The repair personnel of all authorized service stations, who passed the professional trainings, can

properly repair your vehicle and vehicle equipment. The spare parts in Chery authorized service station are of Chery genuine spare parts.

## Equipment Scope

This manual defined the maximum possible equipment scope installed in accordance with the series Karry model plan till the print date, namely for all the standard equipment and optional equipment in series Karry model, some equipment may be supplied in the future or may be only available in certain markets. Therefore, some items in this manual may not apply to your vehicle.

## Alarm Symbols within This Manual



During the vehicle operation, how do you reduce the damage to the vehicle and the vehicle equipment, and how do you avoid the person injury? In this manual, the answer for such question is included in the explanation for the alarm symbols with triangle. Please read carefully and abide by the contents thereof.



The equipment marked with asterisk (\*) is only used in lot

size on certain model structures, which is supplied as optional equipment for some models or is only available in certain markets.



When this symbol is present on the vehicle, make sure to read the related chapters of this manual before any operations.



We must contribute our responsibility and liability in the working of environmental protection. It's the important step to achieve such objective by operating your vehicle properly and disposing the used cleaning articles and lubricating materials in accordance with the laws and regulations. This manual displayed the information on this aspect by means of tree symbol.

## New Vehicle Inspection

Before deliver the vehicle to you, the dealer of Chery Company has already performed the vehicle inspection in accordance with the regulations of Chery Automobile Co., Ltd. The dealer of Chery Company should fill in the vehicle delivery date in the "Vehicle Delivery Inspection Certificate" column of this

manual and seal with the stamp of dealing agency.

The dealer should verify the entire vehicle performance and introduce the operation knowledge of the vehicle against the "Chery Vehicle Sale & Delivery Card" that to be dually signed by the salesman and the user.

## Run in of New Vehicle

Due to the manufacture and assembling deviations, the friction resistances between the moving components of the new vehicle at the initial stage of operation will be much greater than the ones of normal condition. The run in effects of the vehicle at the initial stage of operation will exert great influence on the use lifetime, working reliability and economy of the vehicle, therefore, the use of new vehicle must abide by the run in regulations strictly.

### Run in Regulation within 1,000 km

- Full speed driving is absolutely prohibited.
- Generally, do not drive the vehicle at the speed above 100 km/h.
- Avoid driving at the top speed at whichever gear.

### Run in Regulation from 1,000 km to 1,500 km

- Increase to the top speed gradually or drive at the allowable max engine speed.

### Notice during Run in Period

For the driving of vehicles with engine tachometer, the allowed short period top engine speed is 6,000 rpm. During the manual gearshift, make sure to shift to the next high gear when the engine tachometer indicator reached red indication area at the latest.



Avoid the running of engine at unnecessary high speed. The earliest shift to high gear will help save the fuel, reduce the working noise as well as diminish the environmental pollution.

The engine speed should not be excessive low during driving. Shift to proper gear at reasonable time.

When at cold condition, do not run the engine at top speed no matter at neutral gear or any other drive gear.

The new tires don't have best adhesion at the beginning of use; therefore, the tires also need run in. The vehicle speed should be relative low during first 100 km driving

and the driving should be extremely careful.

The new brake friction lining also needs run in, since the brake doesn't have ideal friction force during first 200 km driving. During this period the brake effects are a little poor, therefore the pressure on brake pedal may be reasonably increased. Such condition also applies to the each time when replaced with new friction lining.

When the new vehicle traveled for 800km, the wheel nuts must be re-tightened to the specified torque. Please refer to the chapter "Specification and Parameters" of this manual for correct torque values. Also, if the wheel has been replaced or the wheel nuts have been loosened, then the wheel nuts should be re-tightened in accordance with the specified torque after traveled for 800km.

### ■ "One-To-One" Service

In order to provide you with better service and vehicle use, the dealer of Chery Company will appoint one service counsel to serve you at the purchase of your vehicle. In case of any problems during your vehicle use, you may contact your service counsel, who will provide you with best services.

## Vehicle Delivery Inspection Evidence

This is to certify that this vehicle has completed the vehicle delivery inspection defined by Chery Automobile Co., Ltd. and its quality met with the technical specification of Chery Automobile Co., Ltd.

Vehicle Delivery Date: \_\_\_\_\_

**Dealer Stamp:**

Vehicle Owner Name (Unit)      Responsible Service Station Name

\_\_\_\_\_

\_\_\_\_\_

Address \_\_\_\_\_ Responsible \_\_\_\_\_

\_\_\_\_\_

Tel: \_\_\_\_\_ Tel: \_\_\_\_\_



## Vehicle information

## Vehicle delivery

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**Dealer stamp**

## Model

[illegible]

**Body VIN No:**

[illegible]**Engine No:**[illegible]**Transmission No:**[illegible]

## Chery Vehicle Sale & Delivery Sheet

Category	No.	Item	Whether inspected OK and clearly explained	
Entire Vehicle Performance	1	Engine.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	2	Engine oil, brake liquid, steering liquid, coolant, battery liquid, windscreen cleaning liquid.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	3	VIN number, engine serial number, nameplate and other identifications.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	4	Entire vehicle locks.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	5	Entire vehicle lamps including head lamp, turn lamp, fog lamp, combined lamp, compartment lamp, brake lamp, backup lamp, tail lamp, reading lamp, and instrument lamp.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	6	Windscreen glass and body paint.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	7	Speedometer, engine tachometer, odometer.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	8	Hub cap, spare tire, vehicle attached tools and entire vehicle operation manual.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	9	Safety belt, seat, cigarette lighter, A/C switch and vent, glove box and sun visor.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	10	Glass lifter, rear view mirror, wiper, washer, horn, radio.	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Operation Knowledge	1	93# gasoline fuel.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	2	Normal operation during run in.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	3	Operation of entire vehicle lamps.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	4	Meaning of alarm indicators.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	5	Correct maintenance period and mileage.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	6	Vehicle maintenance items in winter and summer.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	7	Correct understanding of cooling system/coolant usage.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	8	Correct operation of A/C.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	9	Notices for vehicle start.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	10	Correct operation of audio equipment.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<div> Salesman Signature: Date: User Signature: Date: </div>				

## “One-To-One” Counseling Service Card (Service Station)

User Name: \_\_\_\_\_ Vehicle Purchase Date: \_\_\_\_\_  
Sales Agency: \_\_\_\_\_ Model: \_\_\_\_\_  
Vehicle VIN Number: \_\_\_\_\_

### Following items should be validated by the user:

- I. Related items confirmation at vehicle delivery (“√” for Yes as “×” for No)
  - ☐ Basic vehicle operation method has been introduced and the onsite delivery inspection is certified OK.
  - ☐ Quality warranty policy has been introduced.
  - ☐ Vehicle driving notice has been introduced.
  - ☐ The importance of vehicle periodical maintenance and maintenance period/mileage has been introduced.
  - ☐ The importance of vehicle maintenance/repair at Chery authorized service station has been noted.
  - ☐ User's Manual has been handed over and the reading is reminded.
  - ☐ The function and operation method of service hotline of Chery Company has been noted.
- II. “One-To-One” counseling service mode introduction (“√” for Yes as “×” for No)
  - ☐ Contact the service counsel instead of anyone else in case of any problems or needs.
  - ☐ The service counsel appointed by the service station is the exclusive person to communicate and contact with the user.
  - ☐ One user is only served by one service counsel: “One-To-One”
  - ☐ User may choose other service counsel when dissatisfied with

current service counsel.

- III. Major job introduction of service counsel (“√” for Yes as “×” for No).
  - ☐ Repair maintenance service reception
  - ☐ Complaint acceptance
  - ☐ Periodical maintenance reminding visits
  - ☐ Repair/Maintenance counsel explanation
  - ☐ Periodical greeting visits
  - ☐ Repair/maintenance reservation acceptance
  - ☐ Service activity reminding visits
  - ☐ Annual authentication reminding/acceptance
  - ☐ Important festival greeting
  - ☐ Other activities of user's needs
- IV. Establishment of “One-To-One” counseling service relationship.

### Service Counsel Card

User Signature/Date: \_\_\_\_\_

Service Counsel Signature/Date \_\_\_\_\_

## “One-To-One” Counseling Service Card (Customer)

User Name: \_\_\_\_\_ Vehicle Purchase Date: \_\_\_\_\_  
 Sales Agency: \_\_\_\_\_ Model: \_\_\_\_\_  
 Vehicle VIN Number: \_\_\_\_\_

### Following items should be validated by the user:

V. Related items confirmation at vehicle delivery (“√” for Yes as “×” for No)

- ☐ Basic vehicle operation method has been introduced and the onsite delivery inspection is certified OK.
- ☐ Quality warranty policy has been introduced.
- ☐ Vehicle driving notice has been introduced.
- ☐ The importance of vehicle periodical maintenance and maintenance period/mileage has been introduced.
- ☐ The importance of vehicle maintenance/repair at Chery authorized service station has been noted.
- ☐ User's Manual has been handed over and the reading is reminded.
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VI. “One-To-One” counseling service mode introduction (“√” for Yes as “×” for No)

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current service counsel.

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- ☐ Repair maintenance service reception
- ☐ Complaint acceptance
- ☐ Periodical maintenance reminding visits
- ☐ Repair/Maintenance counsel explanation
- ☐ Periodical greeting visits
- ☐ Repair/maintenance reservation acceptance
- ☐ Service activity reminding visits
- ☐ Annual authentication reminding/acceptance
- ☐ Important festival greeting
- ☐ Other activities of user's needs

VIII. Establishment of “One-To-One” counseling service relationship.





### Service Counsel Card






User Signature/Date: \_\_\_\_\_






Service Counsel Signature/Date \_\_\_\_\_













## Common Vehicle Symbol Instruction






Symbol	Definition
	Engine self-examination trouble light
	Interior lamp switch indicator
	Rear fog light
	Front fog light
A/C	A/C system

Symbol	Definition
	Anti-lock brake system
	Safety warning
	Cigarette lighter
	Brake system trouble alarm lamp
	Fasten the safety belt

Symbol	Definition
	Position lamp
	Engine oil pressure alarm lamp
	Coolant temperature overheating alarm (red indicator)
	Windscreen cleaning
	Horn

Symbol	Definition
	Battery
	High beam lamp
	Low beam lamp
	Head lamp switch
	Parking brake indicator

Symbol	Definition
	Danger flash alarm lamp
	Power + pole
	Air bag trouble indicator
	Low fuel level alarm indicator
	Right turn indicator

Symbol	Definition
	Windscreen defrosting
	Air bag identification
	External air circulation
	Internal air circulation
	Left turn indicator



## **Chapter 2    Driving**

## Driving

### Start

#### Preparation before Start

The engine start is controlled by the engine electrical control system.

Do not step on the accelerator before start and during start when starting the electrical injection engine. The accelerator should be used only when having difficult start. Please refer to the section “Engine Start” for the details of vehicle start.



**The long period high speed idling running of the engine will result in the overheating of the engine and the exhaust system, which may result in the danger of fire or other damages. Therefore, do not park, idling run or driving on the ground covered with dry grass and other dry coverings. The exhaust system will increase the temperature of the engine compartment and the exhaust pipe that may cause fire.**



**Do not start the vehicle in the closed garage or other closed locations since the vehicle exhaust gas is poisonous. Make sure to open the garage gate before the engine start. Refer to the section “Caution of Vehicle Exhaust Fume” for details.**

#### Safety Notice

The idle speed of the engine is controlled by the electrical control system. The idle speed at engine start is quite high to help increase the engine temperature. The idle speed should reduce automatically when the engine temperature is increased. Please deliver your vehicle to the Chery authorized service station for overhaul if the idle speed can't reduce automatically. Do not run the engine at the speed higher than specified idle speed for more than 10 min.

#### Before Vehicle Start

1. Make sure all passengers are fastened with safety belt. Please refer to the chapter "Seat and Safety Protection" for the details of safety belt and its correct operation method.

2. Make sure the front head lamp and other electrical fittings are turned off.
3. Make sure to lift up the handbrake.
4. Make sure that the gear selector lever is at neutral gear or parking gear.
5. Switch the ignition switch to (2), but not to (3).

If the rotation of the key needs great effort, it may rotate the steering around, till the key can rotate freely. The occurrence of such condition may have following causes:

- Deflection of front wheel.
  - The front wheel touched with the road curb.
  - The steering wheel is rotated during get-on and get-off (self-lock of the steering wheel).
6. At the same time when the ignition key is turned on, make sure that the dashboard alarm lamp lights shortly. If not, then it needs to deliver your vehicle to the Chery authorized service station for overhaul.

**If the driver safety belt is fastened before turning on the ignition key, then the safety belt alarm lamp won't light.**

## Engine Start

1. Rotate the ignition switch to the 3 position but not step down the accelerator, release the key after the engine start and the key will return to the 2 position.
2. If the temperature is higher than -12 °C, then the engine should not be started within 5s during the first start. Instead, it should rotate the key to the OFF position and wait for 10s before retry.
3. If the temperature is lower than -12 °C, then the engine should not be started within 15s during the first start. Instead, it should rotate the key to the OFF position and wait for 10s before retry. If the two consecutive starts all fail, then step down the accelerator to the end and hold before rotating the key to the 3 position. After the engine start, release the key and release the accelerator pedal slowly following the increasing of the engine speed.
4. After the engine start, run at idle speed for several seconds, step down the clutch, shift to the drive gear,

release the handbrake and prepare the driving.

5. The normal environment temperature condition of the engine start is -25°C~40°C (it may present other abnormal conditions when the environment temperature is out of such scope).

## Caution of Vehicle Exhaust Fume

In despite of without colour or smell, the vehicle exhaust fume contains the carbon monoxide, of which the danger must be cautioned. The certain contents in the engine exhaust gas and the certain chemicals contained or emitted by certain vehicle components may result in the cancer, the defect of the new born or other damage of the genital system.



**If you smell the fume peculiar smell within the vehicle, please deliver your vehicle to the Chery authorized service station for overhaul immediately. Do not continue to drive. The exhaust fume is one poisonous substance that**

## may endanger the life.

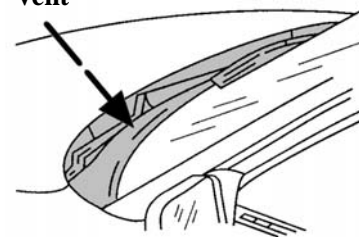
The exhaust system and the vehicle ventilation system should be checked under following conditions:

- When the vehicle is lifted for overhaul.
- When the sound of exhaust system is changed.
- When the vehicle is damaged due to the collision.

## Ventilation Notice

When the vehicle is parked in the open field for long period idle or when the persons rest in the vehicle, the window should be opened for at least 2.5cm. Or open the A/C system ventilation function to let the fresh air into the vehicle.

Vent





**Clean the snow, leaf fall or other foreign articles blocked in the air inlet so as to improve the vehicle ventilation capability.**

## Engine Control System Self-adaptive Function

If the battery cable is once removed from the battery before refit, then the vehicle may present some abnormal evidences during the initial period of the driving. This is the engine control system is re-learning to adapt to the engine, which belongs to normal condition.

## Vehicle Speed Limit

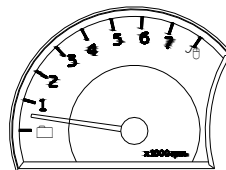
According to Karry vehicle working conditions, we offer a max. vehicle speed limit and we adding the following function for EFI:

When the vehicle speed reaches 135km/h, the fuel supply is cut off automatic to limit the speed. When the vehicle speed decreases to 120km/h, the engine resumes fuel supply.



**It's recommended that you reduce the accelerator actively when the speed is close to 135km/h lest the vehicle fuel supply is cut off and resumed again and again, causing higher exhaust temperature.**

## Engine stall



Release the accelerator pedal. Wait the engine to lower to idle speed and then turn off the ignition switch.



**Please do not step down the accelerator pedal before turning off the engine.**

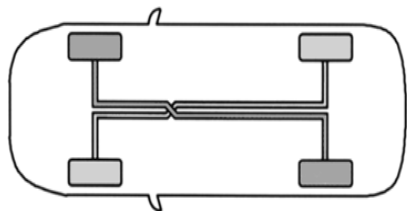
After long period high speed driving, do not turn off the engine immediately after parking. Run the engine at the speed

higher than idle speed for two more minutes so as to lower the engine temperature gradually.



**Turn off the ignition switch, the temperature will still be very high after the turn-off of the engine and the radiator electrical cooling fan will still keep running. Even the cooling fan stops running, it may run suddenly again due to excessive high temperature. Therefore, cautions should be taken when working near the engine so as to avoid the scalding.**

## Brake



### Dual-Circuit Brake System

Your vehicle is equipped with dual-corner dual-circuit brake system. The remaining circuit will still keep effective operation even if one circuit has fault.



**In case of the failure of one brake circuit, it will needs more force to step down the brake pedal and the stop distance will be lengthened. In case of the occurrence of such condition, please deliver your vehicle to the Chery authorized service station for overhaul before you continue your journey.**

### Brake Liquid

If the brake system alarm lamp doesn't

turn off upon the release of the handbrake, it indicates that the brake system has trouble or the brake liquid level is too low. The brake liquid level should be checked periodically in accordance with the requirements.



**Please refill with brake liquid immediately to maintain the liquid level at MAX marking and deliver your vehicle to the Chery authorized service station for the checking of the brake system.**

### Operation Instruction of Brake System

It's quite normal if the brake system issues noise occasionally. The long period grinding or screaming noise between the metal and the metal may indicate that the brake disc was severely worn out and should be replaced. At that time, please deliver your vehicle to the Chery authorized service station for overhaul. If there is consecutive shake or shock transmitted to the steering wheel during braking, please deliver your vehicle to Chery authorized service station for overhaul immediately.

The new brake lining can achieve best brake effects only after run in. The brake effects may be slightly lowered within the initial 200 km. Under such condition, the brake effects can be compensated by enhancing the proper force on the pedal. This essential point also applies to the new brake lining after replacement.

The worn-out status of the brake lining depends on the working condition and driving method to large extent. For the vehicles mainly for city transportation, the working condition of the brake lining is relatively poor due to the frequent start and stop. Therefore, make sure to deliver your vehicle to the Chery authorized service station for the checking of brake lining thickness or the replacement of brake lining in accordance with the maintenance mileage specified in the Maintenance.

For downward slope driving, it should shift to low gear at proper time so as to sufficiently take advantage of the brake effects of the engine and reduce the load of brake system. At that moment, the brake pedal should be stepped down all the time even the braking is required.

The moisture brake disc will reduce the

brake efficiency. After paddling, heavy rain or car wash, it should step down the brake pedal slightly to generate friction heat between the brake disc and the brake lining so as to evaporate the water and resume brake effects.

**If the vehicle is equipped with front spoiler, it should ensure the free airflow to the front brake; otherwise the brake system may overheats due to poor heat radiation to reduce the brake effects.**



## Brake Booster

If the brake booster can't function because the vehicle is trailed or it's due to its own fault, then it needs to enhance the stepping force to compensate the boosting effects of the booster.

Therefore, it's preferable not to place the foot cushion or other covering on the floor around the pedal. If really needed, then make sure that the placement of foot cushion won't obstruct the pedal movement without any sliding.



**All pedals should be stepped down to the end and should fully return with free**

**The brake booster is subject to the control of engine vacuum booster. This device will act only when the engine is running. Therefore, do not turn off the engine for sliding when driving on downward slopes.**



## Anti-lock Brake System (ABS)



The anti-lock brake system can avoid the lock of the wheels that can keep the steering performance of the vehicle even under emergent braking so as to escape the obstacles.

## Reaction of ABS



The anti-lock brake system will not effect under normal brake period and will effect only when the wheels are almost locked.

During braking, the pulse movement of the brake pedal together with the noise indicates that the ABS is under working. Such pulse movement and noise are normal. At such moment, do not release the pedal.

## Braking Taking Advantage of ABS

The consecutive stepping down of the brake pedal with full force under emergent condition will actuate the antilock brake system immediately to keep the control of steering. If with enough space, you still can escape the obstacles.

It's recommended that you should get familiar with this brake technology firstly; however, any unnecessary adventures should be avoided.



**Though ABS can ensure the best brake effects,, the stop distance will have great difference depending on the road conditions. The ABS can't always make sure to reduce the braking distance, such as on sand or snow ground, the braking distance of the vehicle with ABS may be much longer than the one of the vehicle without ABS. Also, taking**

advantage of ABS can't eliminate the dangers arising from the excessive short distance with foregoing vehicle, paddling, excessive fast turn or poor road as well as avoid the accidents arising from the careless and incorrect driving. Please drive carefully and decelerate the driving at turns.

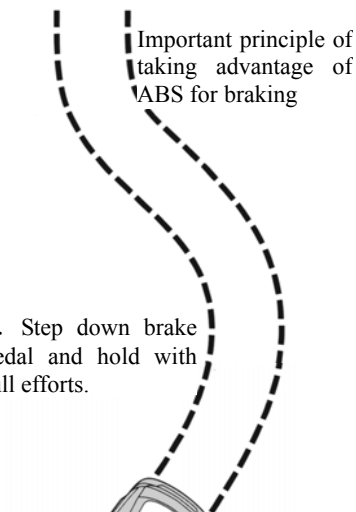
## ABS Self-Examination

The ABS will conduct the self-examination after the vehicle start. The mechanical noise can be heard during this period, which is quite normal.



The lighting of ABS alarm lamp during driving indicates the fault in the ABS system, at that moment the mechanical system can function the normal brake effects, which should be noticed during driving. Please contact with Chery authorized service station timely to repair the ABS system.

Figure of ABS braking



1. Step down brake pedal and hold with full efforts.

2. Rotate the steering wheel to round the obstacle. You can maintain the turn control capability no matter how violent the braking is.

## Handbrake



Pull up the handbrake handle after parking so as to avoid the humping due to temporary carelessness.

The parking brake lamp will light when applied with handbrake under the condition that the ignition switch is turned on.

Pull up the handbrake lever when using handbrake.

When releasing the handbrake, pull up the handbrake lever slightly, push down the release button at the end of the handle and push downward.

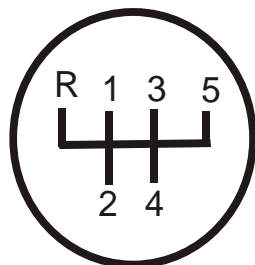
The handbrake is applied on the rear wheels. It can step down the brake pedal at the same time the handbrake is pulled up so that it can pull up the handbrake much easier.



**Make sure to pull up the handbrake handle before leaving the vehicle.**

## Operation of Manual Transmission

Karry manual transmission has five driving positions and one reverse position. Please see the following figure:



Use/Operation Method and Notices:

- During gearshift, fully step down the clutch pedal and move shift lever to the chosen position, and shift it to the position by little force. If it doesn't shift successfully, shift to the position by stepping down the clutch pedal again. Release the driver from the engine torque and then operate the gearshift lever for gearshift rapidly.
- The low speed gear should be used for downward slopes and turns. The

slide with disengaged clutch is not allowed.

- When shifting the transmission from low gear to high gear, do not conduct gear skip operation; otherwise the service life of the synchronizer will be affected.
- The forced gearshift by means of synchronizer to start the engine under neutral gear and engine stall status is strictly prohibited; otherwise the service life of the synchronizer will be affected.
- The flap method (namely the operation method of one pulling and one releasing) is strictly prohibited during gearshift. Please always hold the transmission lever with hand so as to greatly reduce the slide and friction time and the worn-out of the synchronizer lock ring.
- After shifting, do not leave your hand on the gear selector lever during driving; otherwise it will result in the early worn-out of the gearshift fork.
- In case of the detection of any abnormal evidences such as abnormal noise of the transmission

or the obvious heavier operation during use, please stop the vehicle for inspection immediately and continue the driving once the trouble is resolved.

- During normal driving, don't put feet on the clutch pedal to avoid unnecessary clutch wear.



**Shifting gear in reverse direction is prohibited while driving, or else the transmission will be damage. Chery Automobile Co., Ltd. will not be liable for any damages arising from improper operation.**

## Steering

In order to avoid the damage of power steering system, please read the following items carefully:

- The time when rotating the steering wheel to the end (to left dead point and right dead point) should not exceed 10 s during engine running.
- When the power steering liquid in the power steering liquid reservoir is lower than MIN mark, please refill



with power steering liquid immediately. Do not drive the vehicle before refill.

In case of trouble of power steering system or the turn-off of the engine, the vehicle will lose the steering boosting. You still can rotate the steering wheel, provided with great strength.

In case of vehicle deflection or tremble during the driving, please check the following items:

- Whether the tire pressure is insufficient.
- Whether the tire is worn evenly.
- Whether the suspension components is loosened or worn out.
- Whether the steering components is loosened or worn out.
- Whether the wheel alignment is correct.

## Paddling

If it's must to paddle during journey, make sure to drive slowly and carefully, especially when having no knowledge of the water conditions. Do not drive forward further if the water can submerge the wheel hub.

During paddling, the traction force and the

brake performance of the vehicle will be lowered and the vehicle will have the danger of stall.

In case of the water ingress into the intake pipe of the engine, it will cause the serious damage of the engine. The deeper paddling will result in the water ingress into the transmission through the transmission air vent, which will result in the damage of the transmission.

After paddling, make sure to drive slowly and step down the brake pedal slightly for several times to remove the water from the brake. The water on the brake will lower the brake performance.

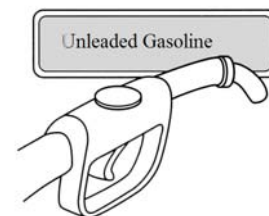
## Three-Way Catalytic Converter

The catalytic converter will help reduce the pollution of exhaust gas.



**Make sure to use unleaded fuel. The leaded fuel will result in the permanent damage of the catalytic converter and the oxygen sensor. Chery Automobile Co., Ltd. will not be liable for any damages arising from the use of leaded fuel. Such damages**

**are excluded from the warranty scope. If you refill with leaded fuel accidentally, please contact with the nearest Chery authorized service station.**



The vehicles with gasoline engine are equipped with narrow refill opening that only accommodates the unleaded gasoline pump refuelling gun nozzle.



**During the running of the gasoline engine, it's absolutely not allowable to pull out the high voltage line of the ignition coil. Check if the engine functions normally by means of cylinder stall method or observe the jump spark condition of the spark plug; otherwise the three-way catalytic converter will be damaged.**

## Notice:

The three-way catalytic converter will be getting very hot if the engine is under continuous running, therefore, notice to wear the protective glove during repair so as to avoid the scalding.

## Drive the Vehicle Equipped with a Catalytic Converter



**In case of the evidence of poor engine ignition or the lowered performance during driving, please drive at low speed to the nearest Chery authorized service station. Do not drive at large accelerator.**

Please avoid the condition that will result in the ingress of the un-combusted or partial un-combusted fuels into the catalytic converter, especially when the engine is at high temperature.

## The following conditions should be avoided:

- Run out of fuel.
- Unnecessary long period start of the engine.
- Run the engine under the condition

that one spark plug cable terminal is removed.

- Start the vehicle with the engine still at working temperature by means of pulling or hauling.
- Turn off the ignition switch during driving.

## Parking

Do not park, idle or drive the vehicle on the dry leaves or grass. Even the engine is turned off, the exhaust within short period will continue the radiation of equivalent heat, and therefore, it still has potential fire danger.

Make sure to turn off the ignition switch before leaving the vehicle. Do not run the engine when no one is in the vehicle. The negligence of this point may result in the accident movement of the vehicle, which will result in the body injury or property damage.

## Chassis Protection

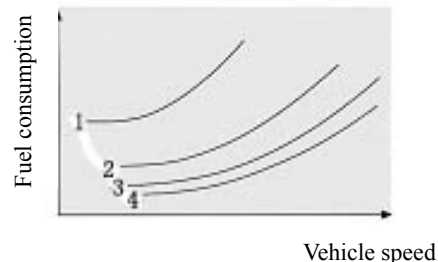
Your vehicle is equipped with heat insulation plate. Do not apply the paint on the body of heat insulation plate, exhaust pipe or catalytic converter or the surrounding areas. Do not disassemble the

heat insulation plate.

## Fuel Consumption

**The fuel consumption is influenced by the following factors:**

**Selection of Vehicle Speed or Gear**



**The above figure illustrates how the fuel consumption is influenced by the selection of vehicle speed and gear. Maintaining at low gear to improve the acceleration performance will result in the obvious higher fuel consumption.**

## Stroke Distance/Engine

### Temperature

The frequent cold vehicle start and the short distance journeys will result in the obvious increasing of the fuel consumption.

### Traffic and Road Condition

The crowded traffic, upward slopes, multi curved routines and rough roads will cause detrimental influence on the fuel consumption.

### Good Driving Habits

The prediction of danger and keeping safe driving distance with foregoing vehicle will not only reduce the fuel consumption but also reduce the wearing and noise of the brake.



**It's recommended to turn off the engine during traffic jam or long period waiting such as red light**

The 3min engine idle is equivalent to driving for 1km.

### Vehicle Load Status

The increasing of vehicle load will result in the higher fuel consumption.

## Vehicle Technical Status

The low tire pressure or improper engine and vehicle maintenance also will result in higher fuel consumption.

### Essentials for Fuel- Saving Driving and Environmental Protection:

- Fuel-saving driving, and use supplementary electrical loads only when needed.
- Start without the heating of the vehicle.
- Use the accelerator smoothly.
- Shift to next higher gear as soon as possible so as to achieve lower engine speed.
- Prediction of traffic condition.
- Turn off A/C and rear windscreen heating immediately whenever unnecessary.
- Check/adjust the tire pressure periodically.
- Conduct vehicle maintenance periodically, preferable conducted by Chery authorized service station.

## Radiator Fan

The radiator fan is an electrical fan with

the working condition controlled by the engine ECU. This switch will automatically turn on the fan circuit when the coolant or the engine compartment reached certain temperature.



**After stopping the vehicle and the engine, the radiator fan will continue running for certain period since the engine is still under hot condition and will stop running when the engine is cooled to certain temperature. Even though, the fan may still start suddenly in case of the sudden temperature increasing of the engine compartment due to the influence of the ambient environmental temperature (sunshine exposure or high temperature region). Therefore, cautions should be taken when operating in the engine compartment so as to avoid the accident.**

### Instruction:

If the fan isn't running when the coolant temperature reached the fan start temperature, then check the fan fuse for burn-out. Replace the fuse if necessary.

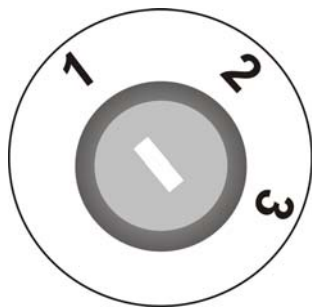
The fan speed is independent of the engine speed and the gearshift to low gear will not promote the cooling effects of the fan. Therefore, it's unnecessary to shift to low gear provided that the engine runs smoothly and the vehicle speed has no obvious reduction on upward slopes.

## Chapter 3

**Introduction of Vehicle Functions  
& Instruction of Designation**

# I. Introduction of Vehicle Functions

## Steering wheel lock/ignition switch



Explanation for lock-hole positions of steering wheel:

Position 1- Turn off the ignition switch and lock the steering wheel. Please turn the steering wheel until a click of steering wheel locked is heard after pulling off the key in order to lock the wheel. Radio and horn shall not work in the position.



**DO NOT** pull out the key before the vehicle parking completely to avoid locking the steering wheel unconsciously.

Position 2- Switch on the ignition circuit

If the key cannot be or difficult turned to the position, it may slightly turn the steering wheel and then the locking mechanism of steering wheel will be unlocked.

Position 3 – start the engine

When the lock hole is at the position, the headlamps and electrical equipment that consume more power will be switched off fully.


There is an anti-restart device in the ignition switch. Once the engine starts, the device may prevent the engine mis-start, so that it can avoid the damage from engine and flywheel of engine. If the startup is not successful, the ignition key must be turned to Position 1 and then Position 2 before restart



The key must be loosened once the engine is started. **DO NOT** remain the key at Position 3 for a long time.

## Horn



Press down the button  on the steering wheel to operate the horn. The horn can be operated only under the case of ignition switch on.

## Windscreen wiper and cleaning system



It must check the wiper blade whether frozen on the windscreen before use in cold season. The wiper blade must be unfrozen if it is frozen on the windscreen. Otherwise, the wiper motor will be damaged.

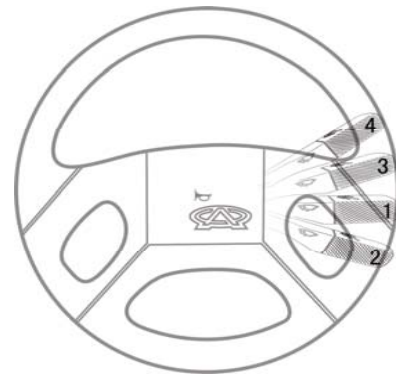
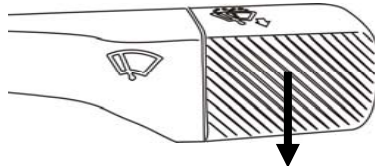
Operating the wiper with obstacles such as snow may result the wiper motor damaged as well.

Obstacles shall be removed before operating the wiper.

**DO NOT** operate the wiper on a dry windscreen, otherwise it may scratch the glass and make permanent damage on the wiper blade.

The wiper is only available with the ignition switch on. There are four positions and Position 1 for no use.

### Intermittent wiping

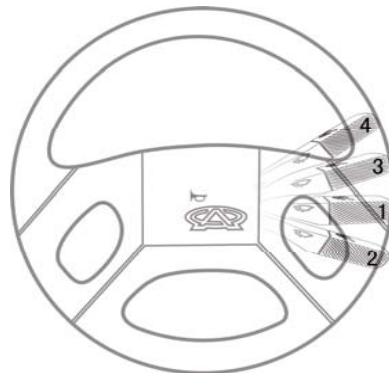
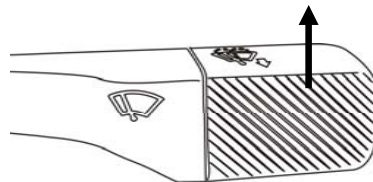


Move the control lever one position downward to Position 2 from Position 1.

The wiper controller will automatically act

once every a certain time.

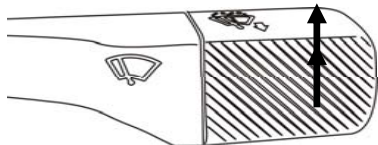
### Normal wiping



Move the control lever one position upward to Position 3 from Position 1.

The wiper controller will act continuously with even speed.

## High speed wiping

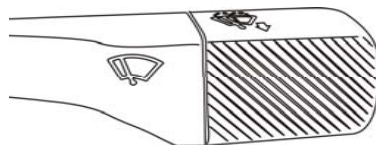


Move the control lever two positions

upward to Position 4 from Position 1.

The wiper controller will act continuously with the highest speed.

## Water spray switch

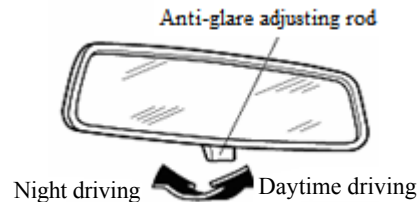


Pull the switch handle toward to the steering wheel and hold in the position, the cleaning fluid will spray out from the injection nozzle in front of the windscreen and the wiper is acting synchronously. Water spray will stop after releasing the handle, but the wiper still acts several times.



**Water spray time shall not exceed 10s once. DO NOT operate the switch in case of no cleaning fluid in the reservoir. Otherwise it may result the spray motor damaged.**

## Interior rearview mirror



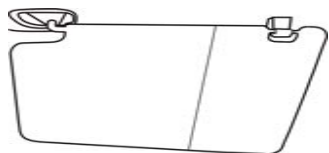
To reduce the glare during night driving, it may push the adjusting rod backward to adjust the angle of rearview mirror.

## Sun visor

The sun visor may be turned to side window by unfastening the fasteners.

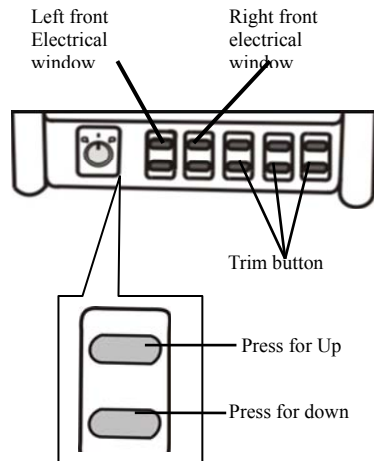
Articles such as driving license and gate toll tickets, etc. may be kept in the back of the sun visor.



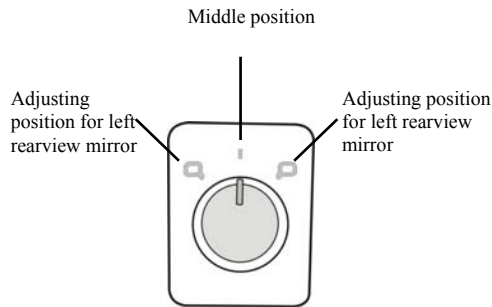


## Electrical window control switch (\*)

The electrical window control button of the vehicle is in the lower part of the A/C system panel of the instrument panel.



## Electrical exterior rearview mirror

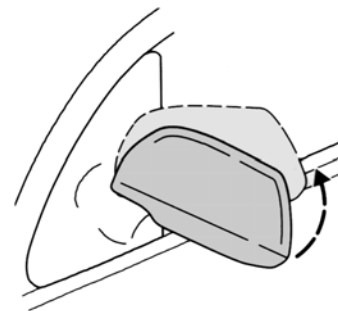


The electrical rearview mirror may be adjusted by the adjusting switch on the lower part of A/C panel of instrument panel. The adjusting switch only works when the ignition switch is on at Position 2.

Turn the adjusting switch counterclockwise in place to adjust the left exterior rearview mirror; Turn the adjusting switch clockwise in place to adjust the right exterior rearview mirror.

When the adjusting switch turns left or right properly, push the switch leaning to front, rear, left and right four directions for adjusting the up, down, left and right

positions of the mirror respectively. Then turn the switch to the middle position after the mirror is adjusted well.



The exterior rearview mirror may be folded inward if necessary such as in narrow space. The mirror may be opened until blocked in proper position for returning to the original position.



**The object in the convex rearview mirror looks like smaller and further than the practical one. DO NOT over estimate the practical distance of the object.**

## Ashtray, cigarette lighter



Front ashtray Cigarette lighter

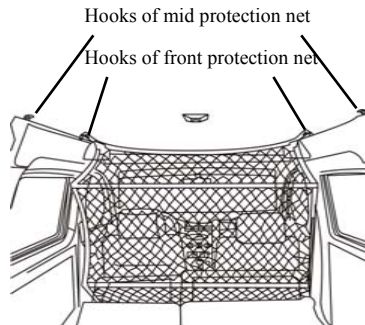
The ashtray is located in front of the gear handle. Push inward the cover and loosen the ashtray, it will automatically pop out. Take out the insert and empty it.

The cigarette lighter is in the right side of ashtray. Press it inward and wait for popping out for use. The cigarette lighter is available even if the ignition switch is off.



**The cigarette lighter shall not remain in inserted state for a long time to avoid danger. It shall be taken away if a child stays in the vehicle alone.**

## Use of protection net



In order to ensure the safety of passengers and requirements for loading different goods, two places are set inside the vehicle for hanging protection nets.

When loading less goods and the mid seat is not used, the protection net shall be hung on the hooks of mid protection net, and the hooks under the net shall be fixed well, so that it may ensure the safety of passengers who are in front seats maximally and prevent the danger of rear goods flying forward due to sudden brake.

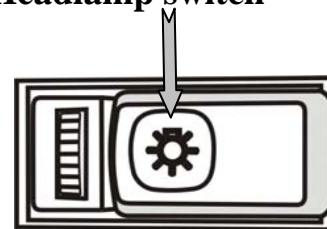
When loading more goods and the mid

seat is used, the protection net shall be hung on the hooks of front protection net, and the hooks under the net shall be fixed well, so that it may ensure the safety of passengers who are in front seats maximally and prevent the danger of rear goods flying forward due to sudden brake.

## Light Control

Please follow related traffic rules while using the illumination equipment as below:

### Headlamp switch

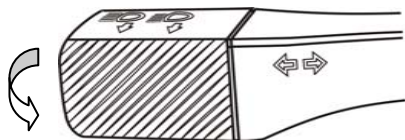



The headlamp switch is not subject to the control of ignition key. It can still work in

case of the ignition switch off. Press the left side of headlamp switch button once, parking lamp/ position lamp, light for instrument and switches, license lamp and dipped headlight will be on.

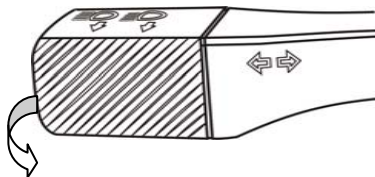
Press the left side of headlamp switch button twice, the headlamp switch is at Position 2, and the high beam will be on.

## Conversion of high beam/ dipped headlight



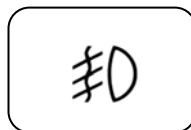
Pull the handle toward to the direction of steering wheel when the headlamp switch is at Position 2, through the forced point and it will convert to high beam. When turn on the high beam, the indicator lamp for high beam on the instrument panel  will also be on. Pull the handle toward to the director of steering wheel once more and return to original position, it resumes to the dipped headlight.

## Flicker of headlamp

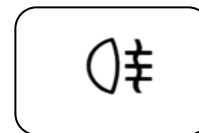


If you need to flicker the headlamp during driving, the handle shall be pulled toward to the direction of steering wheel at the forced point, then release the handle and it will automatically return. Repeat the action and the headlamp will flicker continuously.

## Front fog lamp switch




## Rear fog lamp switch




Front and rear fog lamp switches are at the left side of instrument panel, beside the A/C air outlet.

When the headlamp is on at Position1, press the front fog lamp for turning the front fog lamp on, but the rear fog lamp won't be turned on. It shall turn on the front fog lamp first and then the rear one.

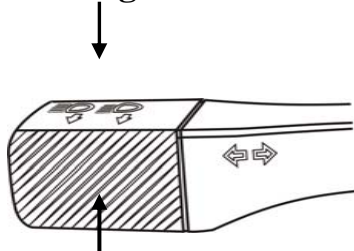
When the front fog lamp is on, the indicator lamp in the instrument panel  will light.

The front fog lamp can only be used in case of visibility is seriously limited such as fog, snot or rain, etc.

When the rear fog lamp is on, the indicator lamp in the instrument panel  will light.

The rear fog lamp has stronger glare, so it is only allowed to use in very low visibility.

## Turning indicator



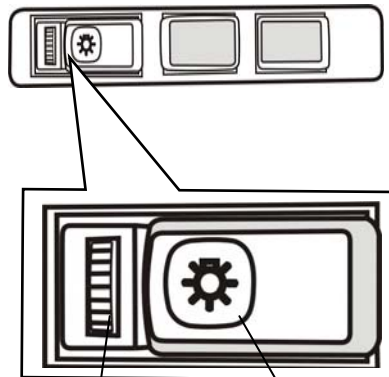
The turning indicator can work only after the ignition switch is started.

Left turning indicator—pull the handle downward

Right turning indicator—pull the handle upward

When the turning indicator is on, the turning indicator lamp on the instrument panel will flicker.

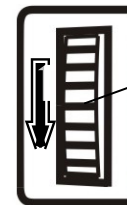
## Lower left button on the instrument panel



Adjusting button of instrument illumination

Headlamp switch

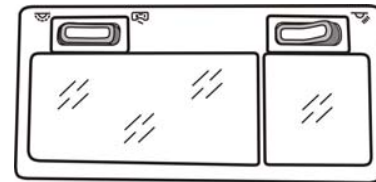
## Adjusting button of instrument illumination



Turn the button downward to lighten the instrument up


It may adjust the illumination strength when the headlamp is at Position 1. The adjusting button is beside the headlamp switch in the lower left part of instrument panel.

## Front interior ceiling lamp

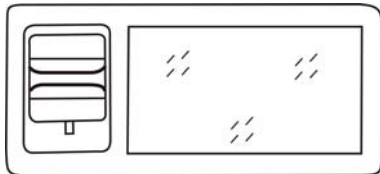


Press the left switch: left light continues on. The light is off with right press. Press once more, the light is on with the door open and off with the door close.

Press the right switch: right light continues on. The light is off with right press.

When the left switch is at  position, open the door and the compartment lamp will be on. The lamp will be on continuously for 15 seconds after the door is closed for the convenience of passengers seating. If the key is at ON position, the compartment lamp will be on when the door open and off immediately with the door closed without delay function.

## Rear interior ceiling lamp



Sliding switch at OFF position: the light is off.

Sliding switch at ON position: the light is on continuously.

Sliding switch at door control position: open the door and the compartment lamp will be on. The lamp will continue on for 15 seconds then off after the door is closed for the convenience of passengers seating.

## Danger flash alarm lamp switch



The switch is on the panel of combination switch between the instrument panel and steering wheel.

It is only used in emergency case for warning the following vehicles that the vehicle has faults or danger. Press the switch to connect/ disconnect the system. The lamp can still be used with the ignition switch off.

After the alarm lamp is connected, the indicator lamp on the switch will flash. Left and right turning indicators on the

combination switch will flash at the same time.

## Braking lamp

When step on the brake pedal, the braking lamp will be on. It will be off with the brake pedal release.

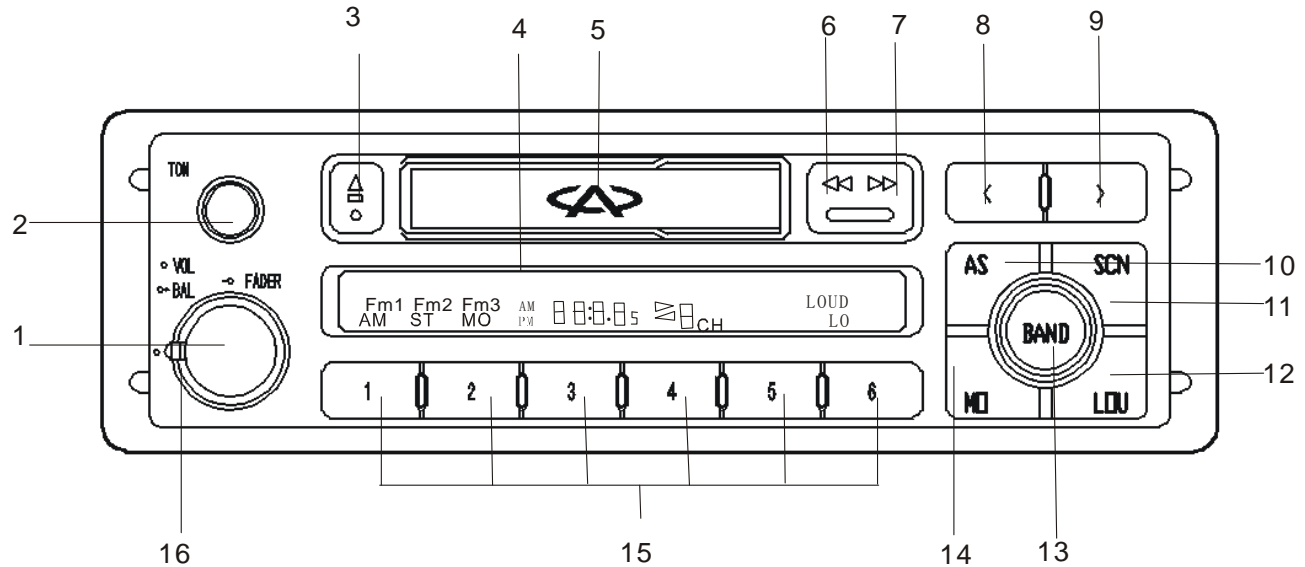
## Reversing lamp

When turn on the ignition switch and the vehicle is at reverse position, the reversing lamp will be on. The reversing lamp will be off when the ignition switch is turned off or changed to other position.

## Sound system

Note: If the vehicle is not equipped with the following sound system, please read the Instruction Manual for Sound System supplied with the vehicle carefully.

## Panel (\*)



## Instruction of Panel

1. Power supply/ volume/ left, right control button (pull out)
2. Volume adjustment
3. Out key
4. LCD
5. Cover (tape compartment)
6. Backward key
7. Forward key
8. Manual, downward auto-search key

9. Manual, upward auto-search key
10. Auto-save/ saving channel scan key
11. Auto-scan key
12. Loudness control key
13. Frequency modulation/ amplitude modulation wave band selection key
14. Mono/ stereo control key
15. Presetting key (1-6)
16. Front/rear control key

## Operation Method

### Basic operation

#### Tape play

1. Turn the button 1 to the right and connect with power supply, and increase the volume properly.
2. Let the tape open side face to the right and push in the tape compartment 5 to locking position, the machine is under play state. Meanwhile, the display 4 shows "TAPE" characters and tape direction indication "▲" "▼".
3. Adjust the volume button 1 and tone button 2 to make the volume moderate and the tone clear and sweet.
4. The tape can turn over automatically when it runs to the end. You may press forward and backward keys 6 and 7 simultaneously for manual turn.
5. In order to select the songs you want to listen fast, you may press forward key 7 or backward key 6 for rapid

advance or reverse, then slightly press another backward key or forward key once, the machine will be under play state.

6. The directions "▶" or "◀" shown in the display are the running direction of tape. Right means clockwise and left means counterclockwise.
7. If you want to stop play or need to change the tape, press "out" key 3 and the tape will pop out the compartment.

#### Listen to the radio

1. Power switch, volume control and volume adjustment are the same as "Tape Play".
2. Press the "Frequency modulation/amplitude modulation selection key" 13, the wave band to be received will show on the display 4. You may select one from FM1, FM2, FM3 and AM depending on your demand.
3. Automatic, automatic tune (channel selection):
  - (1) Instantaneously press Key 8 or Key

9 to fulfill manual tune, repeatedly press the key till the wanted channel is received.

- (2) Constantly press Key 8 or Key 9 over 0.5 second, the machine shall complete auto-tune. The tuning is ended after a channel received. Repeat (1) or (2), you may receive the program you wanted.

#### 4. Automatic scan tune:

Instantaneously press SCN Key 11 to realize auto-scan function, the machine will automatically scan channels from the frequency up to down. It will suspend scanning when a channel is caught. The channel frequency will flash for 5 seconds and play the program of the channel. Then, it will continue to scan the higher frequency and automatically return when it reaches the highest frequency. Then it scans from the lowest frequency to the highest again.

When you want to listen to a certain channel, you only need to press SCN key once as the channel frequency flashing. The scan will stop at the channel position immediately. It will resume the auto-scan



if you press SCN key again.

5. The display 4 shows stereo symbol “ST” when you are receiving stereo signal. When you want to receive mono signal program, you only need to press “MO” key 14. Then the “ST” on the display is off and the “MO” symbol is on.

## **Channel frequency memory**

You may use 1-6 memory key of Presetting Key 15 to pre-save  $4 \times 6$  channel frequencies under FM1, FM2, FM3 and AM states respectively.

### **1. Manual memory**

When you have searched a channel by auto-search, then press one of  $1 \times 6$  memory keys for at least 3 seconds. When the channel broadcast is from strong to weak and then strong, the channel frequency has been saved in the memory you pressed.

### **2. Automatic memory**

Constantly press AS Key 10 at least 3 seconds at some wave band and the machine enters in preset auto-selection and save program; the display 4 shows

“ATP” character, the machine searches channels from low frequency to high automatically. It may automatically save 6 channels with stronger frequency from the initial frequency. The machine may show every channel frequency in circle after saving and flash the memory code of current channel for 5 seconds with the broadcast of the channel. If you press AS key 10 once more, the machine will show the codes in circle. For wave bands FM1, FM2, FM3 and AM, it can fulfill the foresaid auto-save function.

## **Scan of saved channels**

In a wave band, instantaneously press AS key 10 once, the display 4 will show already saved 6 channel frequencies in turn. For every channel frequency, its corresponding memory code of channel address may flash for 5 seconds with the broadcast of the channel. If you want to listen to the program of a channel, you may press the digital key (1-6 key) corresponding to the memory code of the channel address, the scan will stop at the channel position. For wave bands FM1, FM2, FM3 and AM, it can fulfill the foreside scan of saved channels.

## **Other Functions**

### **Loudness control**

Press “LOU” key 12 at small volume for high or low frequency tone compensation. In the time, the display 4 appears “LOUD” character. Press the key once more, the loudness does not act and the “LOUD” character is off.

### **Front/ rear, left/right control**

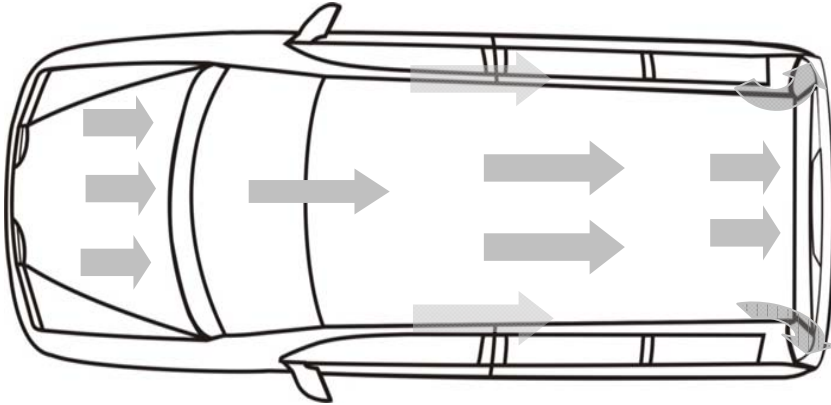
1. Outer turn button 16 is used for control the volume of front and rear speakers.
  - A. The outer turn button is set at balanced position as the machine ex-factory. The volume for front and rear speakers is the same while operating the machine.
  - B. According to your demand, please turn the outer turn button clockwise to the maximum position if you want to turn off the rear speaker.
  - C. Please turn the outer turn button counterclockwise to the maximum position if you want to turn off the front speaker.

2. Pull out the button 1 for controlling the volume of left/ right speaker.
  - A. The inner turn button is set at balanced position as the machine ex-factory. The volume for left and right speakers is the same while operating the machine.
  - B. According to your demand, please turn the inner turn button clockwise to the maximum position if you want to turn off the left speaker.
  - C. Please turn the inner turn button counterclockwise to the maximum position if you want to turn off the right speaker.
  - D. The turn button shall be pushed to original position in time after the volume control of left/right speaker is adjusted.
3. The button 16 shall be pushed to original position and then turned it while controlling the power switch.
  - after using one month for ensuring the sound quality. Once the sound appears stifling or distortion, the tape head shall be cleaned in time.
  2. Please gently push or take the tape, do not pull or push it with strong force.
  3. The machine is precision appliance, careful use and maintenance is required.

## General Maintenance

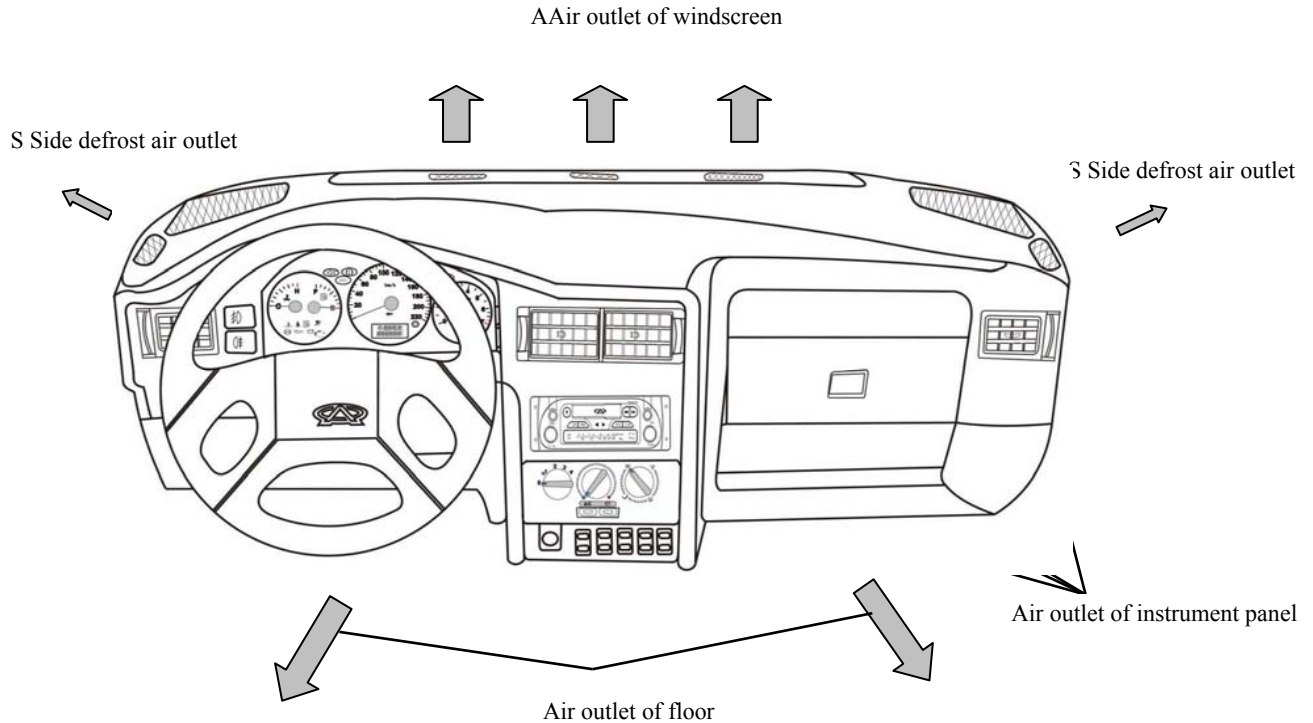
1. Tape head shall be cleaned by head cleaning tape or tampon with ethanol

## A/C System



## Ventilation

Outside air enters in the vehicle through the air inlet in front of the windscreen. It shall keep the air inlet clean without snow and leaves for ensuring normal heating, ventilation and efficient work.



## Central vent hole

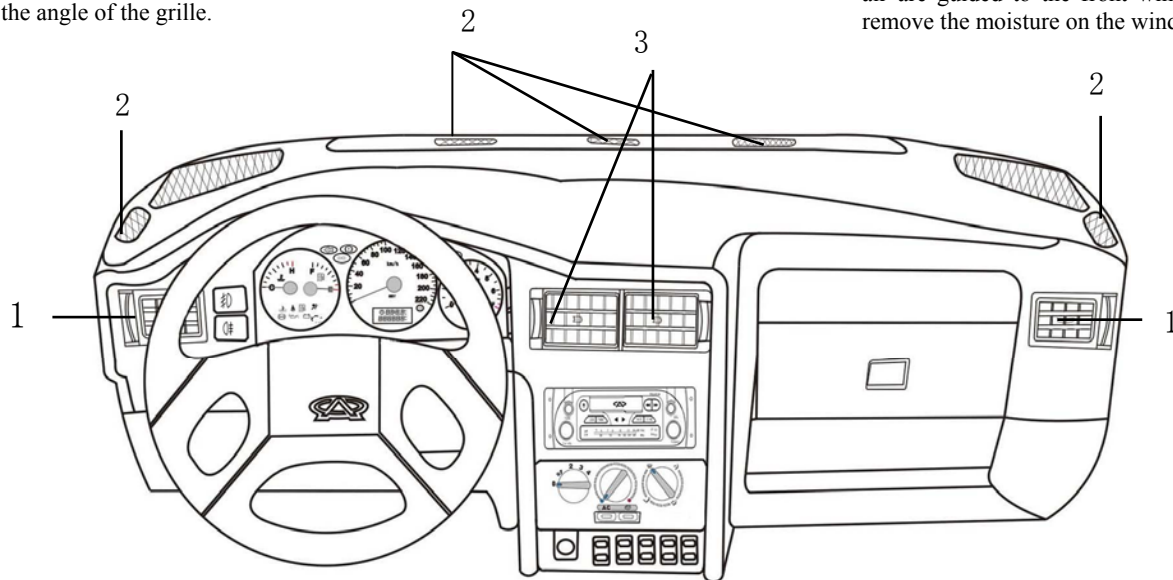
The adjusted air flows in the vehicle through two central vent holes. The air flow direction may be changed through altering the angle of the grille.

## Side vent hole

The adjusted air flows in the vehicle through two side vent holes.

## Defrost/ defog vent hole of front windscreen

Through the vent hole, cold air and warm air are guided to the front windscreen to remove the moisture on the windscreen.

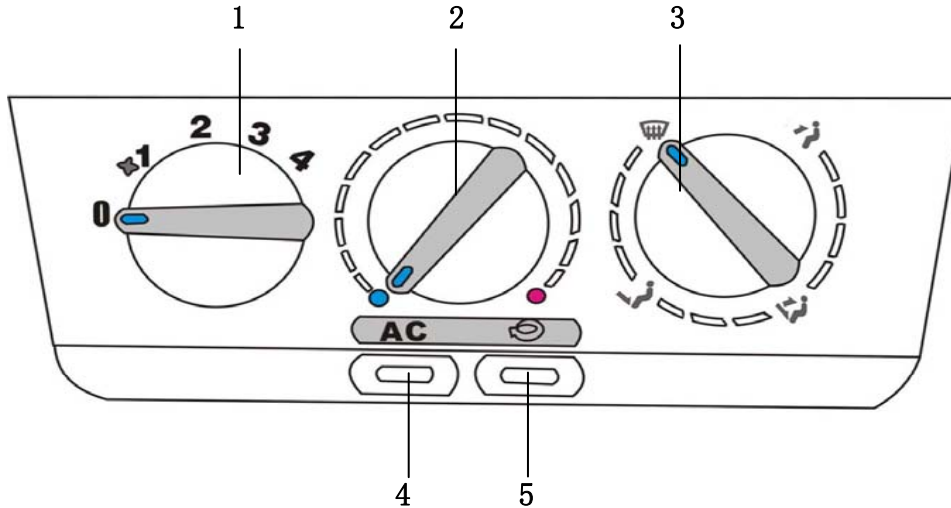


1. Side vent holes

2. Defrost/defog vent holes of front windscreen

3. Central vent holes

## Control panel



- 1. Blower switch
- 2. Temperature control switch
- 3. Airflow distribution switch
- 4. A/C switch
- 5. Internal circulation switch

## Ventilation and warm air

A/C system adjusts the temperature by mixing cold and warm air, the temperature may be constant under any speed.

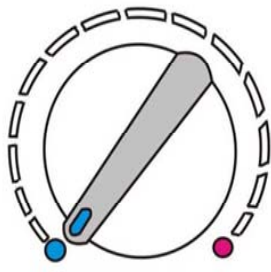
The airflow speed is subject to the blower, which may be started during driving if necessary.

## Temperature control switch

The temperature control switch can steplessly adjust the temperature of air passing through the vent hole. When the A/C system works, it may turn the switch leftward to increase the refrigeration volume or rightward to decrease the volume.

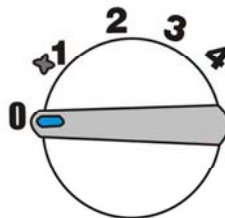
Turn right – temperature up

Turn left – temperature down

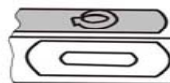


## Blower switch

The switch is used for controlling the speed of blower (total 4 positions), turn the button to Position “0”, and the blower is stopped. The airflow speed is adjusted by the blower. Starting the blower during driving in order to increase the comfort.



## Internal/ external circulation switch



The switch is used for selecting fresh air outside or circulating the air inside the vehicle. It defaults as external circulation mode without the switch pressed down.

### External circulation mode

Outside air enters in the vehicle.

Used for normal ventilation, warm air and cooling.

### Internal circulation mode

Air inside vehicle circulates within the vehicle. The mode is used in case of dusty environment, or preventing outside exhaust gas entering in the vehicle, rapidly cooling or heating the air inside the vehicle with the switch is pressed down (the indicator lamp is on).



**Using the internal circulation mode continuously may result foggy inside the vehicle and window misty, so the mode can be used in short time only.**

## Airflow distribution switch

The switch is used for selecting the direction of airflow.

There are 4 positions for the switch:

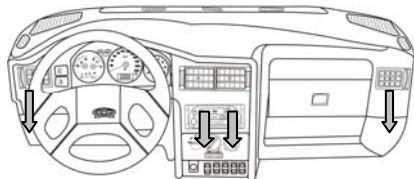


# Introduction of Vehicle Functions & Instruction of Designation

Head position  
Head and foot position  
Foot position  
Defrost

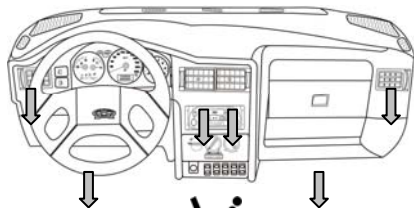
## “Head” position (👤)

The air flows out from central vent holes and side vent holes.



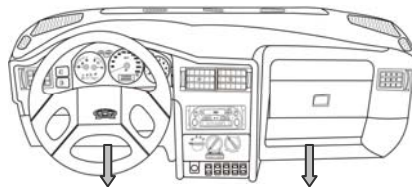
## “Head & foot” position (👤)

The air flows out from central vent holes and vent holes in the bottom of front seats.



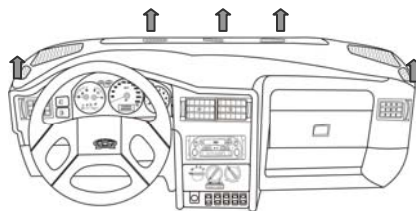
## “Foot” position (👤)

The air mainly flows out from the vent holes in the bottom of front seats.

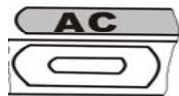


## “Defrost” position (👤)

The air flows out from the defrost vent holes of windscreen and front window.



## A/C switch



The switch is used for starting and

stopping A/C compressor.

Start the engine and turn the blower switch to proper air speed, switch on the A/C switch for starting the air conditioner. The indicator lamp is on with the A/C running. Press the A/C switch button once more, the A/C system stops.

When the blower switch is at “OFF” position, the A/C compressor does not work.



**The A/C system may lead to the engine overheated with it working while the vehicle is climbing a long slope or at traffic jam. Observe the water temperature gauge and shut down the A/C if the engine is overheated.**

## A/C system

Ventilation, warm air and refrigeration components consist of a control system, which may provide the highest comfort under any weather condition.

The refrigeration unit of A/C system cools the air down and removes moisture and dust such as pollen, etc.

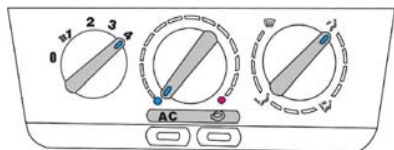


# Introduction of Vehicle Functions & Instruction of Designation

## Max. refrigeration

It shall open the windows for short time to discharge the inside hot air rapidly when the vehicle exposes in sunshine for a long time in hot weather. It shall follow the steps as below:

1. A/C switch: ON
2. Internal circulation switch: ON (↻)
3. Airflow distribution switch: (↺)
4. Temperature control switch: turn to the bottom counterclockwise (blue)
5. Blower switch: at Position 4

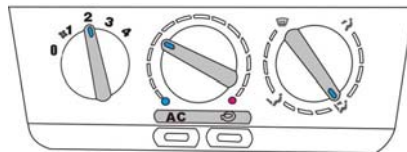


## Normal refrigeration

Normal refrigeration for long distance journey and high speed driving shall follow the steps as below:

1. A/C switch: ON

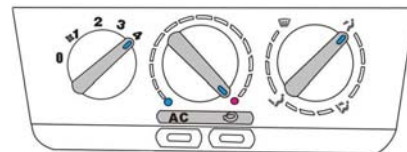
2. Airflow distribution switch: (↺) or (↻)
3. Temperature control switch: turn the switch to the required position.
4. Blower switch: any position (Position 1-4)



## Max. heating

Follow the steps as below:

1. A/C switch: ON
2. Internal circulation switch: ON (↻)
3. Airflow distribution switch: (↺)
4. Temperature control switch: turn to the bottom clockwise (red)
5. Blower switch: at Position 4



**DO NOT** use “force heating” for a long time to prevent inside air grimy and window misty. The internal circulation switch shall be turned off if the windows are misty or wet. “Force heating” is only used for rapid heating up, and it shall return to “normal heating” as soon as possible.

## Ventilation

Outside air flows in the vehicle through central vent holes and side vent holes.

A/C switch: OFF

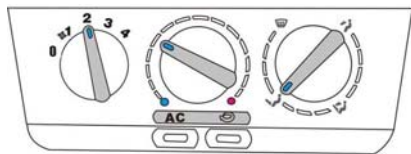
Internal/ external circulation switch:  
external circulation mode

Airflow distribution switch: (↺) or (↻)

Temperature control switch: blue





# Introduction of Vehicle Functions & Instruction of Designation

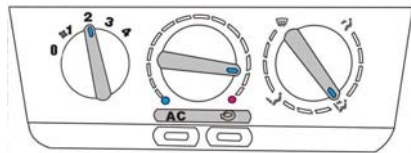
Blower switch: any position (Position 1-4)



## Normal heating


Follow the steps as below:

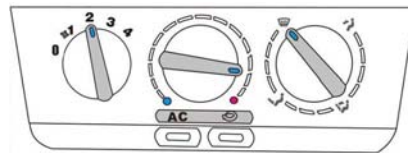
1. A/C switch: OFF
2. Airflow distribution switch: (  ) or (  ), if there is moisture on the windscreen, it shall adjust button between (  ) or (  ).
3. Temperature control switch: turn the switch to the required heating position.
4. Blower switch: any position (Position 1-4)



## Defrost

Follow the steps as below:

1. A/C switch: ON
2. Airflow distribution switch: (  )  
Temperature control switch: turn to heating position if necessary
3. Blower switch: at Position 2 or Position 3



Switching on A/C may increase defrost efficiency. DO NOT use




or



as

refrigeration if the weather is very wet, which may result temperature difference between outer air and windscreen, raise mist on the internal surface of windscreen and affect view.

## Defog

1. A/C switch: ON (press down), working indicator lamp is on
2. Internal/ external circulation switch: external circulation mode
3. Airflow distribution switch: (  )
4. Temperature control switch: red
5. Blower switch: proper position



Using detergent to clean internal surface of window is an efficient method for preventing mist. Using absorbent cotton or soft cloth dipping with the detergent to wipe the inside of front and rear windscreens 9 including window glass at rearview mirror), then clear up the remaining fiber on the windscreens with soft dry cloth after airing.

## Operation instruction for cooling system

If the vehicle is directly under sunshine, the windows shall be opened before starting A/C.

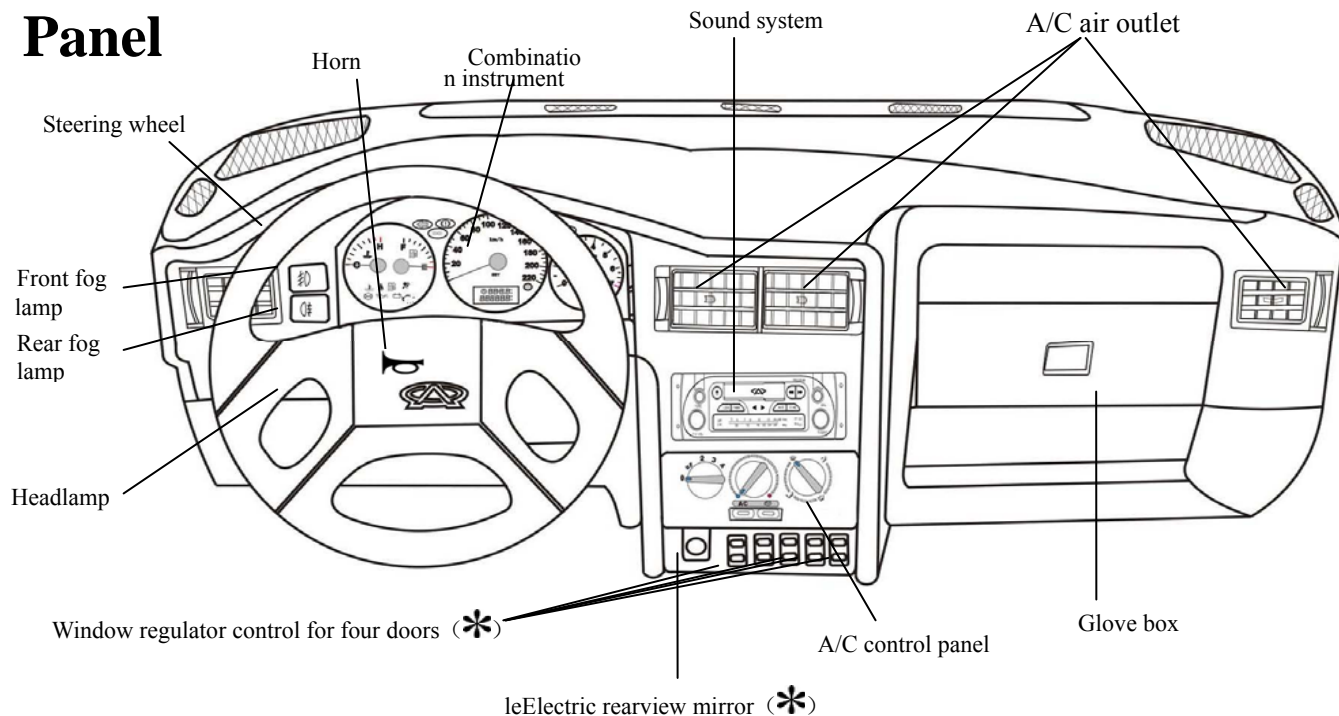
Windows shall be cleaned in rainy days. It may reduce the temperature inside vehicle by starting A/C, which is efficient in rainy days and hot days.

The cooling system may not cool fully due to frequent parking and slowly driving in a traffic jam area.

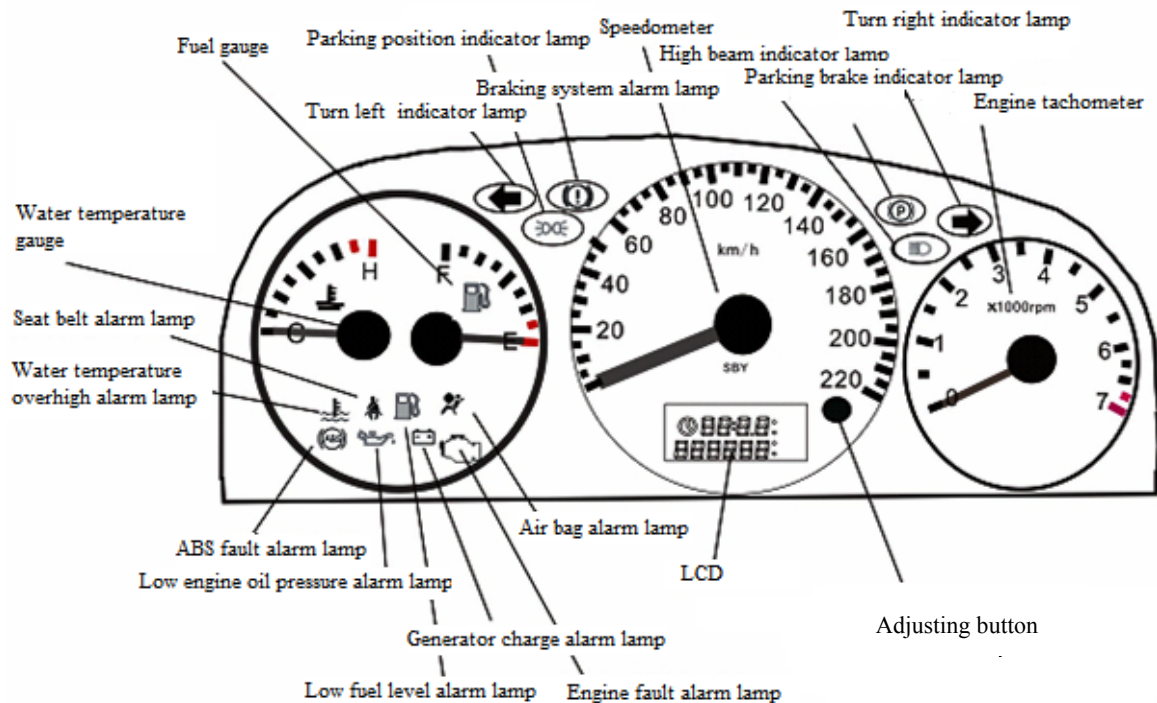
If the A/C system does not work for at least one month, the system must be started under engine idling, even if in winter, at least once each month and running for several minutes, in order to keep proper lubrication and airtightness of compressor and extend the service life of the system.

The A/C compressor does not work with the blower switch off.

## Instrument Panel



## Instrument (\*)



## Warning device

Warning device is used for indicating the running state of vehicle and the vehicle whether has problems that may lead to serious damage or injury to the driver. If any system of the vehicle appears functional fault, the corresponding alarm lamp shall be on or flash.

Most alarm lamps shall be on for short time for systemic self-inspection when the ignition switch turns on. If an alarm lamp does not light, or an alarm lamp still lights or flashes after the engine started, please get to the Chery's special service station to have related system checked and repaired immediately.

## Low fuel level alarm lamp



When the fuel in the fuel tank is less than 10L, the lamp lights for warning and the

fuel gauge hand will point to red warning line.

Please refill fuel as soon as possible when the alarm lamp is on.

## ABS alarm lamp ( ✱ )



The lamp shall light for short time when the ignition switch turns on and the ABS system will carry on self-inspection to ensure the system whether can work normally. If the lamp is constantly on or flashes after the ignition switch turned on or during driving, it means ABS system having faults, but the vehicle still has general braking function (without ABS), unless the braking system alarm lamp lights as well. Here, you shall go to the Chery's special service station for check and repair as soon as possible. You have to drive carefully to avoid high speed driving. Important notes related to the use of ABS system, please refer to the chapter of "Braking".

## Parking brake alarm lamp



The lamp only functions with the ignition switch turned on.

The lamp keeps lighting as the hand brake working.

## Braking system alarm lamp



The lamp only functions with the ignition switch turned on. The lamp will be on when the braking system fails or braking fluid level is low.

Check the braking fluid level whether too low when the lamp is on. The braking fluid shall be refilled immediately between MIN mark and MAX mark if the level is too low. Please get to the Chery's special service station to have it checked in the case.



If the braking system alarm lamp lights during driving, it means one of

double braking loops failed. In the case, you should drive carefully and get to the nearest Chery's special service station immediately to have it checked and repaired by professional technicians. In consideration of braking performance decreasing seriously and braking distance increasing, you shall keep longer distance with the front vehicle during driving and increase pedal pressure properly as braking.

If the ABS alarm lamp and braking system alarm lamp light synchronously and constantly, the vehicle shall be stopped immediately under the case of ensuring safety. Please get to the Chery's special service station to have the braking system checked before your journey.

## Parking/ position indicator



**lamp**



The indicator lamp lights when the position lamp is switched on.

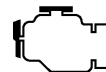
## Seat safety belt alarm lamp



It has no warning if the safety belt has been fastened before the ignition switch is turned on. The alarm lamp lights and the buzzer buzzes for 3 seconds if the safety belt has not been fastened as ignition for reminding the driver to fasten the belt. If the safety belt is not fastened after 3 seconds, the alarm lamp will continuously light till the safety belt is fastened. If the

safety belt is fastened in 3 seconds, the alarm lamp will be off, but the buzzer will keep buzzing for 3 seconds.

## Engine fault alarm lamp



When the ignition switch turns on, the alarm lamp lights and the electrical control system of engine is under self-inspection state. The lamp will be off in 6 seconds if the system has no fault. The engine must be checked if the lamp lights constantly.

If the lamp lights during driving, it means the electrical system of engine failed. Please get to the Chery's special service station to have it checked and repaired as soon as possible.

## High beam indicator lamp



The lamp lights when using high beam or the headlamp flashing.

## Turning signal indicator lamp



It includes turn left indicator lamp and turn right indicator lamp. Switch on the turn left indicator lamp or turn right indicator lamp; the corresponding turning signal indicator lamp will flash with (slower). When the danger alarm lamp is lighting, left and right turning indicator lamps and turning signal indicator lamps will flash synchronously.

If the flashing frequency of turning signal indicator lamp doubles, it means the corresponding turning indicator lamp failed.

## Air bag alarm lamp (\*)



The fault alarm lamp lights 3-4 seconds and off when the ignition switch turns on, which means the air bag working normally. If the lamp lights constantly, which means

there are faults.

If the lamp lights during driving, which means there are faults. You have to get to the Chery's special service station to have the system checked.

## Low engine oil pressure alarm lamp



The lamp shall be on when the ignition switch turns on and off 3 seconds later.

If the lamp is not off 3 seconds later or lights in driving, please stop the vehicle immediately and check the engine oil level with the engine stopped.

The lamp flashes for warning when the oil pressure is lower than 0.3Bar and the engine rotation is lower than 300rpm.

The lamp flashes for warning when the oil pressure is lower than 0.3Bar and the engine rotation is more than 300rpm.

It shall refill in engine oil if the oil level is too low.



**fast.**

**Please get to the Chery's special service station to have it checked if the engine oil consumes too**

## Generator alarm lamp



The lamp shall be on when the ignition switch turns on and off after the engine started up.

The vehicle shall be stopped immediately if the lamp is not off or lights in driving. Stop the engine and check the generator belt.

If the generator belt is normal, you shall drive to the nearest Chery's special service station to have the vehicle checked immediately. The battery will discharge continuously in driving, so you have to shut down all unnecessary electrical appliances including A/C system.

If the generator belt has damaged, you shall stop driving the vehicle and ask



professional personnel to repair.

## Coolant temperature overhigh alarm lamp



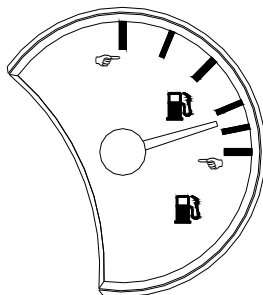
The lamp shall lights for 3 seconds after the ignition switch turns on and then off. If the lamp is not off 3 seconds later or the lamp keeps on due to the coolant temperature too high or the level too low, you have to stop the vehicle and engine immediately to check the coolant level and refill the coolant as required.



### Beware of scalding!

**When the engine is at hot state, the cooling system is under high temperature and pressure state. Therefore, DO NOT open the radiator cover until the engine cools down. DO NOT contact with the radiator fan!**

## Fuel gauge



Standard capacity of fuel tank: 65L

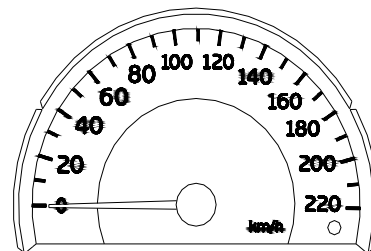
When the hand points to Position “E” (empty), there is about 10 L of fuel remaining in the fuel tank.

The hand can move from Position “F” (Full) after refilling the fuel tank and driving some distance.

The available filling amount is lower than marked capacity when refilling due to remaining oil.

If the low fuel level alarm lamp lights, please refill fuel as soon as possible. Refer to “low fuel level alarm lamp”.

## Speedometer

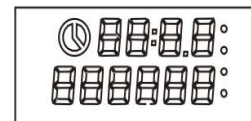


It indicates the current running speed of vehicle.

### Note:

The speedometer is subject to the dimension of tires the vehicle used. Please use Chery's genuine tire with former dimension. Otherwise the speedometer will not show the proper speed.

## Mileage, digital clock display



The upper part may convert to display digital clock and subtotal mileage.

The lower part shows the total mileage (in 6 digits, from 0-999999Km, shown as 999999 after exceeding the range.

The subtotal mileage displays in 4 digits from 0-999.9 Km, starting again from 0.0Km after exceeding the range.

## Adjusting method for clock as below:

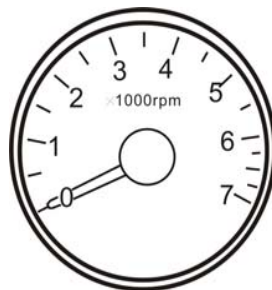
Under the clock display state, it may adjust the clock by long time (pressing > 2 seconds) the adjusting button on the speedometer, click the button (pressing < 2 seconds) when the hour-position flickering. Wait for at least 5 seconds after hour-adjustment, the minute-position may flash, adjust it by clicking the clock button (pressing < 2 seconds), then wait for at least 5 seconds and quit the clock adjustment state.

## Conversion method for digital clock and subtotal mileage as follows:

When the ignition switch is at ON state, click the adjusting button (pressing < 2

seconds) to convert the display between digital clock and subtotal mileage. Under the state of subtotal mileage display, press the adjusting button (pressing >2 seconds) to clear the subtotal mileage.

## Engine tachometer



It shows the rotation speed of engine (r.p.m). The red area in the right side of dial means the maximum allowable rotation speed range in short time for run-in engine under working temperature.

However, it suggests that the transmission lever shall be pushed to higher gear position at latest when the hand reaches to the area, or remove you foot from the accelerator pedal.

## Note:

Changing to higher gear position earlier is good for saving fuel and reducing driving noise.

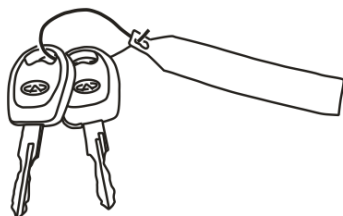
Once the engine operates unstable, please change to the adjacent lower gear position immediately.



**DO NOT let the engine running with high speed in running-in period.**

## **Chapter 4    Safety**

## Key



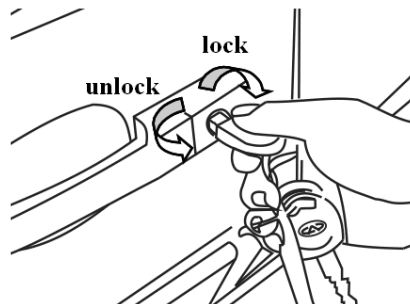
The complete vehicle is supplied with 2 keys (one of them is as a spare key, please carefully keep for emergency use). The key code plate is adhered on the number cover. DO NOT keep the key code plate in the vehicle for the safety of the vehicle, it shall be kept in a safe place. In addition, you should remember the key code and do not keep it in the vehicle to prevent others getting the code and copying the key.



**Please take with the key and DO NOT leave it in the vehicle. Please lock all doors when you leave the vehicle.**

## Door lock

Using the key supplied with the vehicle may unlock the door from outside or lock the front door. Counterclockwise turning the key may open the door and clockwise turning the key may lock the door.



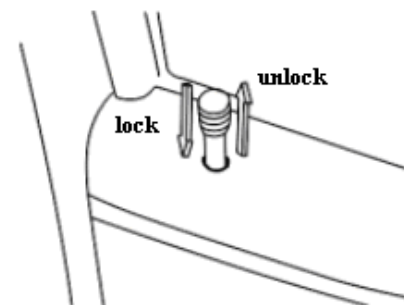
**Please lock all doors when you leave the vehicle.**

The doors may be locked or opened internally via the safety handles located beside the windows.

All doors can be locked externally by pressing the safety handle and closing the door with the exception of front left door (driver side door).

The front left door (driver side door) is at unlocked state when the safety handle is unlocked. DO NOT press the switch to prevent partial damage of the systemic components in the time.

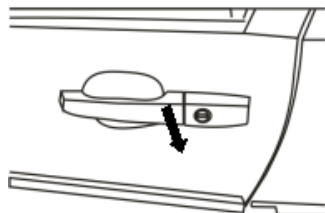
Using the key to lock the front left door from outside only when you leave the vehicle.



When you open the door from inside, just draw back the internal handle.



When you open the door from outside, just draw back the external handle.



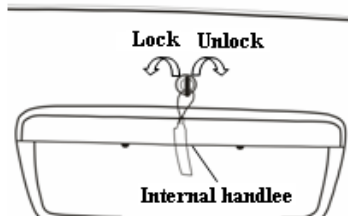
**DO NOT leave children or animal in the vehicle when you leave the vehicle, to prevent the suffocation due to torrid weather or accident movement of the vehicle.**

## Rear side door

Only right rear side has a rear side door. Under the case of front left door (driver side door) lock (if the central door lock available) and internal safety handle is unlocked, the rear side door can be opened via drawing back the internal handle or external handle. If you want to lock the rear side door, close the rear side door with a little force first (eyeballing the door gap and conform the door whether closed well), then lock the door via pressing safety handle or locking the front left door

and check the door whether is locked well simultaneously.

## Back door



After the front left door (driver side door) is unlocked, insert the key in the rear door lock hole and turn 30° clockwise (the key may automatically reposition after turning), the back door may be opened. When you lock the back door, close the door with a little force and then turn the key 30° counterclockwise. For the vehicle with central lock system, it may be locked via the front left door (driver side door) lock after the back door is closed well. Please check the door whether locked well synchronously.

After unlocking the door with key, it may use the internal handle to open the back door by hand in the position shown in the

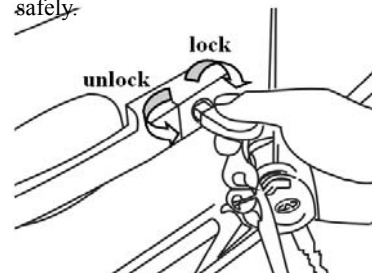
figure.

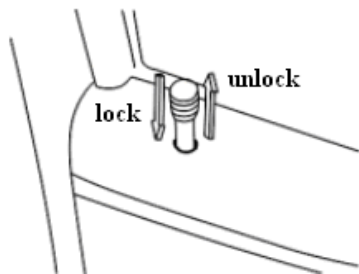


**For the vehicles without central lock system, all doors shall be locked via internal handles or the key respectively. Please check all doors whether locked safely before your leave.**

## Central lock system (\*)

The central lock system is controlled by the front left door (driver side door). When you use the key or lock button to lock or unlock the front left door (driver side door), all doors and back doors may be locked or unlocked at the same time. Please close all doors well and then use the key to lock the front left door (driver side door) when you leave the vehicle, so that the complete vehicle can be locked safely.

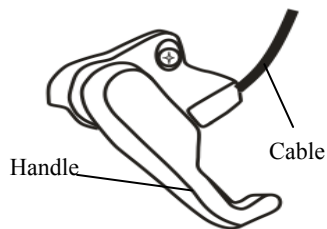




## Engine bonnet

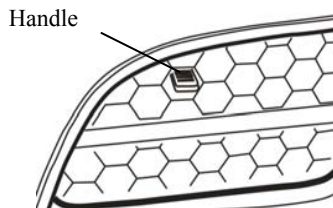
### Open

1. Pull back the engine bonnet handle that is positioned at the front left part of the driver's seat, the bonnet will pop out a distance upward.

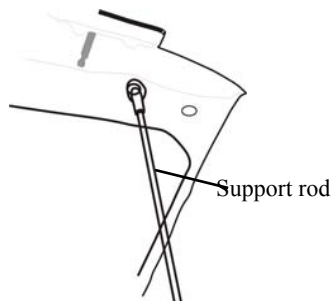


2. There is a small handle in the right side of the net in the front of engine bonnet, pull the small handle forward in front of the vehicle and lift the

engine bonnet up, the bonnet can be opened.



3. Lift the engine bonnet and use the support rod in the front of engine compartment to support the bonnet.



### Close

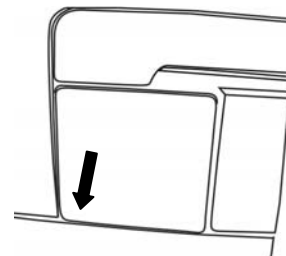
1. Put down the support rod in the front of engine compartment and place it in the slot for fixing the rod.

2. Fall the engine bonnet down to the place 20-30cm away from the bonnet lock first when putting down the engine bonnet, and then let it freely drop to the lock claw for close.
3. Lifting the bonnet is required after the engine bonnet is closed to conform it whether matched completely.



**Ensure the engine bonnet is closed firmly during driving. The vehicle must be stopped immediately if you find the engine bonnet is not closed well. Re-driving is not allowed before the bonnet is well closed.**

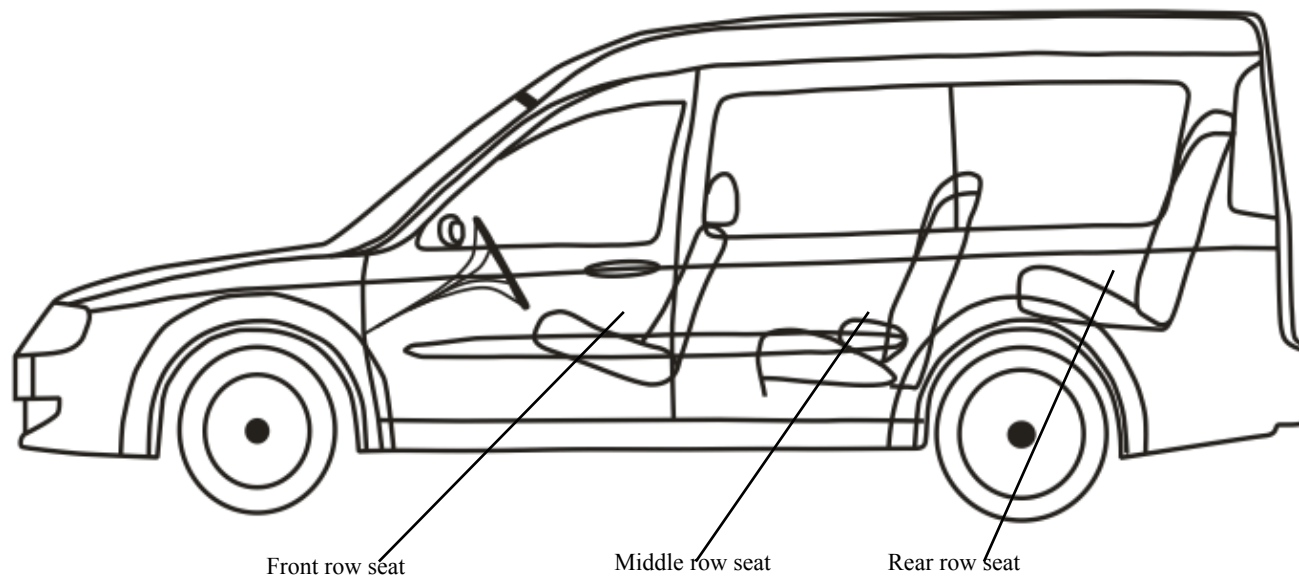
## Fuel filler cap and fuel tank cover





Fuel filler cap and fuel tank cover are positioned at the rear right part of the vehicle, handle control is not available inside the vehicle. When refueling, use hand to open the fuel filler cap directly outward and then insert the key turning 180° counterclockwise, then turn the fuel tank cover counterclockwise and take it out. After refueling, turn the fuel tank cover clockwise first (till a click is heard), then insert the key and clockwise turn 180°, and then screw the fuel filler cap.

## Seats & Safety Protection





## Seat & safety protection

### Seat



### Correct sitting posture

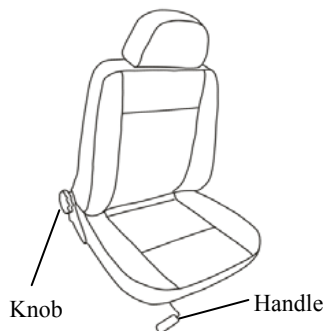
Seat, headrest, safety belt and air bag assist to protect the passengers and provide you with multi-protection if utilized sufficiently. Therefore, please abide by following items:

- Adopt vertical sitting posture; the lower end of back should lean backward as far as possible with the seatback inclination no more than 25°.
- Adjust the headrest properly to level

the top end of headrest to the head top.

- DO NOT make the front seat close to the dashboard too much. Grasp the steering wheel with slightly bended arm during driving. The foot should also be slightly bended so that it is capable of stepping down the pedal to the bottom.
- The seat shoulder safety belt should cline and pass aslant through the chest after passing through the middle of external shoulder. DO NOT pass the safety belt through the neck; the waist safety belt should cline transversely through the hip instead of the stomach.

### Driver side seat adjustment



There is a adjustment knob inside the driver side seat cushion with a adjustment handle in the front lower part. The detailed functions are as below:

Knob: Used for adjusting the angle of seat backrest.

- Turn the knob clockwise with hand and the angle of seat backrest reduces; turn the knob counterclockwise and the angle increases.

Handle: Used for adjusting the distance between the seat and steering wheel.

- Pull the handle upward to slide the seat forward or backward, adjust the distance between the seat and steering wheel.

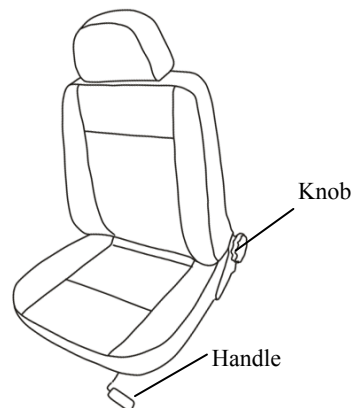


**Adjusting the seat during driving may lead to the vehicle out of control that may result accident. Therefore, DO NOT adjust the seat during driving.**

## Adjustment of front passenger seat

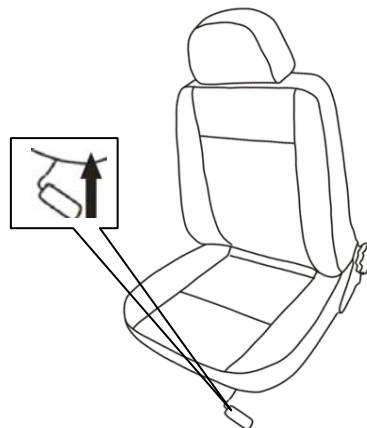
### Adjustment of seatback inclination angle of front seat

First lean on the seatback with your body, then turn the knob in the left lower part of the seat to the required angle through changing your body inclination angle (the driver seatback adjustment handle is in the right lower part).



### Seat fore-and-after slide adjustment

As shown in the figure, pull the adjustment handle located in the front lower part of the seat upward to move the seat fore-and after. Release the handle after the seat is adjusted in place and shake the seat to confirm the seat whether is locked in the slide track.

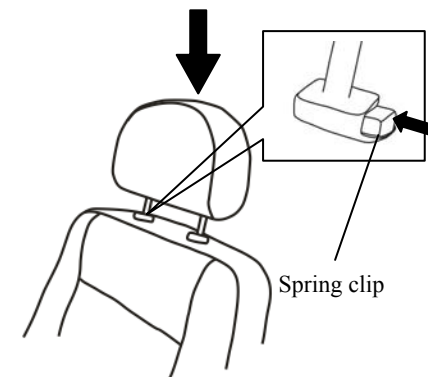


### Headrest

The headrest can confine the movement of

the head so as to protect the cervical vertebra in case of rear-end collision by following vehicle during driving. However, it functions only with the headrest is adjusted to the proper position.

### Front headrest



The top of front seatback is supplied with height adjustable headrest. The passenger may adjust the headrest to the proper height according to his body height so as to achieve effective protection.

## Adjusting method of headrest:

Pull upward or push down the headrest to the proper position after pressing and holding the spring clip; The best headrest height is that its top end is level with the head top.

## Headrest removing and assembling method:

Push down and hold the spring clip at the external side of the headrest guiding element and pull out the headrest from the guiding element as removing the headrest. In the assembly of the headrest, distinguish the front/ rear seat headrests first and then push the headrest pin into the guiding element, till the spring clip on the guiding element engages with the pin correctly.

## Middle row headrest

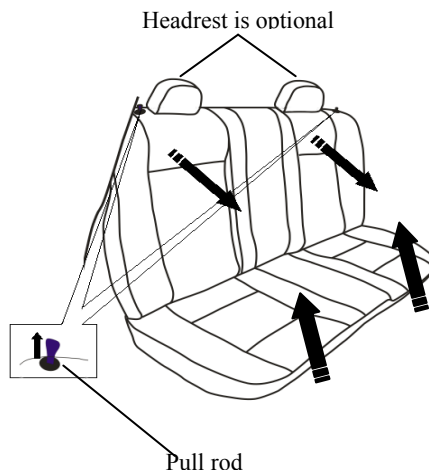
The adjustment method for middle row headrest is the same as the front one.



**Note: DO NOT remove the headrest or adjust it to the excessive low position so as to avoid the neck damage due to lack of support to the head in the collision. The headrest shall be adjusted to the proper position.**

## Middle row seat

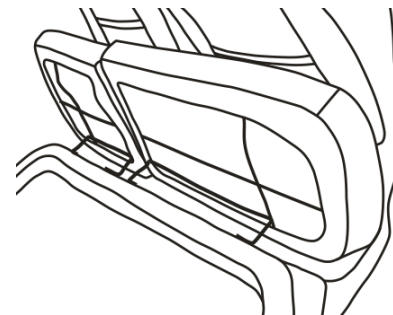
### Folding of middle row seat



Firstly, lift up the middle row seat cushion, and then pull it forward; pull the “pull rod” as shown in the figure above upward and fold the seat backrest to the arrow direction shown in the figure.

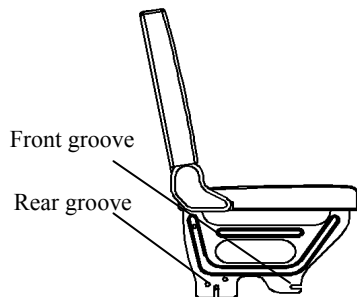
## Seat cushion state as folding the middle row seat

It requires folding the middle row seat cushion first when folding the middle row seat. The method for folding the middle row seat cushion: lift up the middle row seat cushion first, pull it forward, and then put it down vertically. The state of folded middle row seat cushion is shown in the figure below.



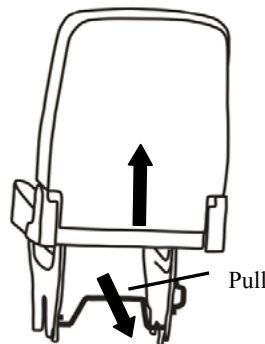
## Rear row seats

There are two rear row seats, which are symmetrically left to right as shown in the figure below.



## Removing and assembling method for rear row seats

**Removal:** Pull the pull rod in the figure below and push it forward with hand, draw the rear row seats with another hand upward, and then pull the seat backward to remove it.



**DO NOT** exceed the height of front row seat when stacking articles such as luggage.

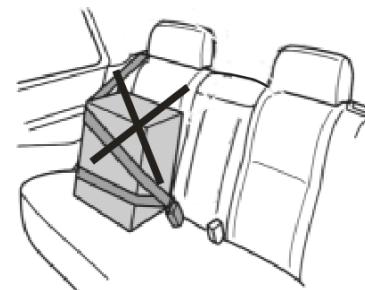
**DO NOT** let passengers sit on the folded seatback during driving, because unbonded luggage on the folded seatback and passengers without protection device may collide inside the vehicle or may be thrown out of the vehicle in sudden brake or accident, which may result severe injury or death.

**Assembly:** Align two grooves in the front of the seat with two corresponding rings in the vehicle, put down the seat with slight force to make the two grooves clipping in

place. In addition, shake the seat to check whether it fixed firmly.

## Luggage conveyance

The rear part of vehicle may have enough space to accommodate luggage by folding the middle row seat.



Luggage and other loaded articles shall be placed as forward as possible in the luggage boot. It is extremely dangerous to drive the vehicle with opened tailgate. Excessive exhaust gas may be inhaled in the vehicle through the opened luggage boot door.



**Please fix the articles securely from movement if they must be placed inside the vehicle.**

## Seat safety belt

Do use the seat safety belt/ child safety seat all the time. The seat safety belt shall not be shared by multi-persons. Ensure the safety belt fastened well without loose, distortion and failure.



**The driver and passenger at the front row are required to fasten the safety belt securely during driving. DO NOT wear the clothes that are too wide and thick clothes. In order to achieve best protection, the seat safety belt should cling to the body.**

## Seat safety belt alarm lamp



The lamp lights when the ignition switch

is turned on to remind the driver fastening the safety belt. The lamp will turn off when the driver side safety belt is fastened.

## Fastening seat safety belt

Smoothly pull out the safety belt. The belt may be locked if excessive force is applied or the vehicle is on a slope. The seat safety belt shall be place on the middle of the external shoulder. The waist belt portion shall cling to the hip instead of the stomach.



**Insert the lock bolt into the buckle till a click is heard. Otherwise, the safety belt is not correctly fastened.**

When releasing the safety belt, push down the red button on the buckle and let the safety belt to retract smoothly. Make sure that each safety belt uses correct buckle.



**If the safety belt cannot be pulled out, please pull it once with force before release. Then the safety belt can be pulled out smoothly.**

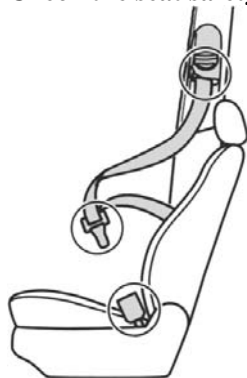
## Middle 2-point safety belt for middle row seat



The safety belt cannot adjust the length automatically. Insert the lock bolt into the buckle till a click is heard in use, and then manual adjust its length to cling the safety belt to the hip.

## Maintenance of seat safety belt

### Check the seat safety belt



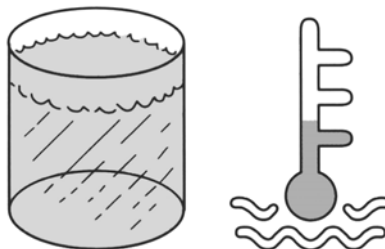
The safety belt shall be checked regularly for damage or worn-out.

The safety belt after stretching (such as after the accident) shall be replaced immediately in the Chery's special service station and related components shall be checked.



**DO NOT** try to repair or lubricate the safety belt retractor or the buckle mechanism and **DO NOT** change the safety belt with any means, otherwise Chery Automobile Co., Ltd. will not be liable for the problems arisen.

### Clean the seat safety belt



Clean with interior cleaner or clean warm water and dry naturally. **DO NOT** use the man-made heating method.



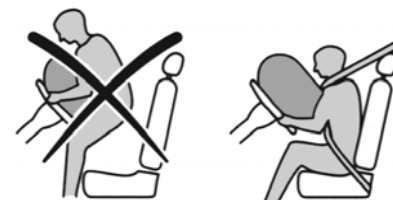
**DO NOT** use chemical cleaner, boiled water, bleaching powder or dye. **DO NOT** let the water infiltrating in the seat safety belt retractor mechanism.

## Air bag (\*)

The combination of air bag and safety belt can help reduce the danger of severe injury in case of severe collision accident.

**Note:**

The inflation of air bag will emit loud noise. In addition, it will have residue of harmless powder similar as smoke as well. All of these are normal phenomenon.



The front row passenger can obtain the effective protection only when at the sitting posture as vertical as possible.

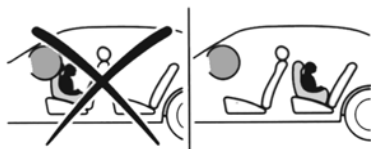


**Fasten the safety belt and keep proper distance with the steering wheel at any time. Only the use of safety belt can guarantee that the body is at such position that the air bag can exert the best effect.**

## Front air bag

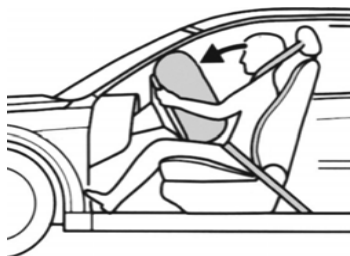


**Extremely danger! DO NOT use the reverse direction child seat on the seat equipped with front air bag!**



The seat and seatback must be correctly positioned to coordinate in such manner that the safety belt can achieve best protection effects. Adopt vertical sitting posture with the lower end of back

clinging to the seatback as tight as possible and the rearward inclination angle of the seatback no more than 25°. DO NOT make the front seat close to the instrument panel too much. Grasp the steering wheel with slightly bended arm during driving, which is the ideal driving status that can reduce injury from the driver when the air bag is expanding.



Serious frontal collision (frontal or within 30° leftward and rightward) will actuate the front air bag. Within the one thousand second of the collision, the air bag will inflate to swell and then will deflate when contacted with the passenger body so as to buffer the forward movement of the passenger. The air bag will not be actuated during the slight collision and rear or side collision.



**Keep the net space of the front area of the air bag at any time. DO NOT place anything in such area or at the top of such area.**



**Only the technicians trained in the Chery's special service station can repair the steering wheel, steering column and air bag system. The accident actuation of the air bag may result injury.**

## Air bag alarm lamp



When the ignition switch is turned to ON position, the indicator lamp on the instrument panel will light about 7 seconds before turn-off to indicate the system is operational.

If the indicator lamp does not light, or the lamp keeps intermittent lighting or consecutive lighting during driving, it indicates the occurrence of trouble. In

consideration with your safety, please deliver the vehicle to the Chery's special service station for checking.

The manufacturer of the air bag equipped in the vehicle recommends renewing the air bag after 10-year's use. At the time, the efficiency of the inflating agent and the effectiveness of the air bag are deteriorated.

If you have any doubts against the service life of your vehicle/air bag, Chery's special service station is willing to query the related data for you.

**The air bag system can only be dealt with by the Chery's special service station.**

## Child safety seat

Please read carefully the instructions of the manufacturer during the installation of child safety seat.



**DO NOT hold the child on the knees during driving.**



**Extremely danger! DO NOT use the reverse direction child seat on the seat equipped with front air bag!**

Children younger than 12 years old or shorter than 150cm must be securely fixed with special child safety seat (such as baby seat, child safety seat or heightened cushion).

The child safety seat must be suitable and obtain the approval of the governmental authority.

Such safety seat combined with the seat safety belt will help provide the maximum safety to children.

- Babies lighter than 10kg or younger than 1 year old shall be placed in the baby bed at the middle row seat and constrained or fixed with horizontally lying on the bed. The best protection method for the baby and child is to use the reverse direction baby safety seat.



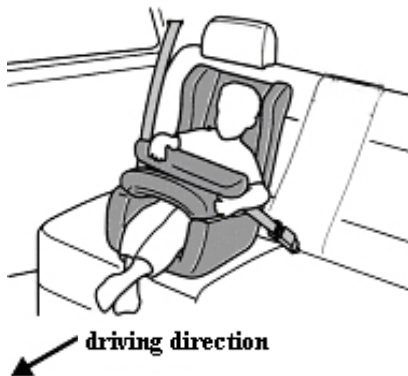
**driving direction**



**driving direction**

The child younger than 4 years old or weight between 10-18kg shall sit in the child safety seat on the middle row seat.





- Children between 4 years and 12 years or weight between 18-36kg shall sit on the rear seat with heightened cushion. The adjustable assistant safety belt fixed on the heightened cushion can ensure the diagonal safety belt crossing the shoulder properly. The heightened sitting position can ensure the adult seat safety belt guiding through the shoulder middle correctly instead of the neck and the waist safety belt clinging to the hip instead of the stomach.



**Each safety seat can be ridden by a child only.**

**According to road traffic laws, children are not allowed sitting on the front seat and shall use applicable safety seat.**

## Chapter 5    Emergency Procedures

## Emergency Procedures

### Hazard warning flasher lamp



The lamp is used only in case of emergency event so as to alarm the vehicles in the opposite and back. If your vehicle breaks down or approaches the hazard, press the switch to turn on or off the flasher lamp. The lamp can still operate when the ignition switch turns off.

### Partial operation

The engine control system of the vehicle has the partial operation function, which may keep working when the system fails, but the performance of the engine may decrease.



**Please send your vehicle to the Chery's special service station to have it checked immediately.**

### Duly refuel



**If the fuel gauge points to the low fuel area or the low fuel indicator lamp lights, please refuel immediately.**

When the fuel level is extremely low, the engine will operate unsteadily within a period of time after the low fuel indicator lamp lights, which is served as an additional alarm. In the case, please drive your vehicle to the nearest gas station to refuel.



**Failure to duly refuel will result the engine automatically stopping and lead to difficult start of the engine as well as require the emergency assistance from the Chery's special service station. In addition it may damage the engine.**

### Please use the filling gun properly when refueling.

- Fully insert the filling gun into the fuel tank. DO NOT lean it on the edge of fuel filler opening.
- If the automatic filling gun is available, the automatic shutdown of the gun during refueling means that the tank is fully refilled. In the case, DO NOT try to refuel again, otherwise there is no swelling space in the tank, and the fuel will overflow from the tank if the temperature increases.
- Please tighten the tank cap after refueling.
- Please follow the local regulations and rules concerned when the canned spare fuel is carried.
- For safety, it is recommended not to carry the canned spare fuel in order to avoid that the fuel overflows from the fuel can and thus a fire disaster occurs when an accident is met.

## Replace the bulb

Unless the event is very emergent, the owner is not allowed to replace the bulbs of headlamp unit individually, because the light beam needs to be adjusted with some professional knowledge. If the replacement is necessary, please turn off these lamps and disconnect the ignition switch before replacing any bulb.

DO NOT directly hold the glass of bulb by hand, otherwise the fingerprints remained on the glass will be heated and volatilized after the lamp lighting, and then deposit on the surface of mirror to blacken the reflector.

The same model of bulb must be used when it is replaced. Please check the specification of the bulb before installation.

### Headlamp bulb:

12V 55W

### Turn signal, reversing, rear fog lamps bulb:

12V 21W

### License plate, position, turn indicator and high-mount stop lamps bulb:

12V 5W

### Stop/ position lamp bulb:

12V 21W/ 5W

### Front fog lamp bulb:

12V 55W



**After the headlamp bulb is replaced every time, calibrate the headlamp. The**

**Chery's special service station can offer you the service.**

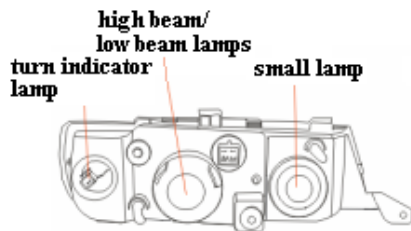
### Headlamp unit (including high beam/ low beam/ position/ turn indicator lamps)

Replace the corresponding bulb according to the following steps if the headlamp does not work due to damage.

1. Open the engine compartment bonnet.
2. Unscrew three nuts of headlamp

with a wrench, move the headlamp forward about 5cm, and then pull out the wiring harness connector in the back of lamp holder (pulling the connector requires skills, press the spring on it and pull out). The flexible device shall be pressed if the connector has no spring, and then press the location slot and pull it out.

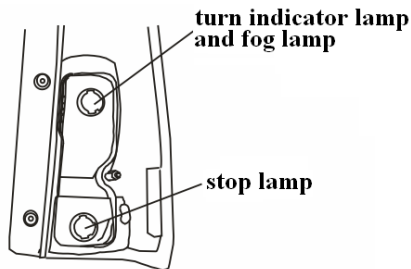
3. Take out the headlamp and place it on a table upside down (it is better to place a cloth under it to prevent damage from the bulb surface). The turn indicator lamp shall be unscrewed with counterclockwise turning. For other lamps, it needs to press the clip of bulb holder and then take it out.
4. The surface of new bulb shall not be touched by hand to prevent effect on bulb brightness. The lighting system is a safety component, please ensure every detail of replacement proper. Get to the Chery's special service station to have it repaired if necessary.



## Front fog lamp bulb

Please get to the Chery's special service station to replace the front fog lamp bulb.

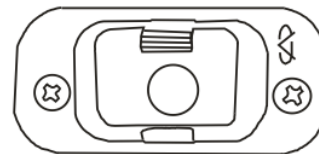
## Tail lamp bulb



Replace the corresponding bulb according to the following steps if the tail lamp does not work due to damage.

1. Open the back door and remove the cover plate of rear compartment, counterclockwise unscrew a nut that fixes the tail lamp and then counterclockwise unscrew three bolts on the tail lamp surface, hold the lamp and remove them, take out the tail lamp about 8cm.
2. Remove the bulb holder counterclockwise according to the position as shown in the diagram, put down the tail lamp and replace the bulb.
3. Note: The surface of new bulb shall not be touched by hand to prevent effect on bulb brightness. The lighting system is a safety component, please ensure every detail of replacement proper. Get to the Chery's special service station to have it repaired if necessary.

## License plate lamp bulb



Installation position: on the top of rear license plate.

1. Unscrew the self-tapping screws that fix the license plate and take them out.
2. Draw out the bulb holder and take the damaged bulb out.
3. Install a new bulb in the holder and then install the holder.
4. Fix it with self-tapping screws.

## Interior front ceiling lamp bulb

1. Turn off the interior lights.
2. Insert the screwdriver in the gap between the lamp housing and lampshade, take out the lampshade

carefully.

3. Replace the bulb and install the reflector.
4. Reinstall the lampshade in the mounting hole on the lamp housing.

## Rear door lamp bulb

Installation position: middle and lower part of both sides of rear doors

1. Insert the screwdriver in the gap between the lamp housing and lampshade, take out the lampshade carefully.
2. Replace the bulb.
3. Reinstall the lampshade in the mounting hole on the lamp housing.

## Regulate the beam of headlamp

The adjustment of headlamp beam whether proper has the direct relation with the safety of travel. Therefore, only special instrument is allowed to use for regulating the beam. Please follow the law and rules concerned during adjustment.

## Fuse and relay



**Shut down the ignition switch and all electrical equipment before the fuse and relay are replaced.**

Use the new fuse with the same rated value to replace the fault one. The position of fuse box containing the main fuse and relay is shown in the figure below.

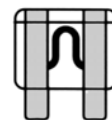
Professional knowledge is required to replace the relay.

Carrying several spare fuses with the vehicle is suggested in order to prevent unexpected events.

Fuses with various specifications are available in the Chery's special service station.

The fuse burnt can be identified by using the fuse disconnection method. All fuses are push-on type.

## Fuse



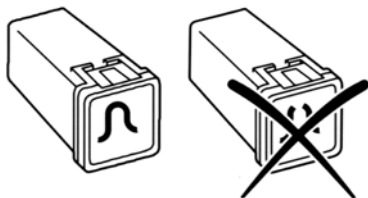
### Fuse color code

Color	Ampere
Green	30
Pink	40
Yellow	60

## Replace the fuse

Your vehicle is supplied with a fuse puller. You may find it in the engine compartment fuse box.

## Cartridge fuse



Any unauthorized alteration of the vehicle's electrical or fuel system may influence the vehicle performance and lead to fire or safety hazard. Therefore, it suggests that any work related to removing fuel or electrical system or replacing relay shall be conducted by the Chery's special service station.

### Cartridge fuse color code

Color	Ampere
Tan	5
Brown	7.5
Red	10
Blue	15
Yellow	20

## Central fuse box

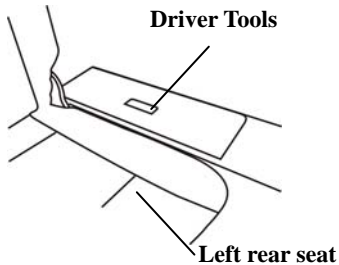
The box is located at the left lower part of instrument panel. When the fuse is checked or replaced, the cover plate of left lower instrument panel may be removed, and then remove the cover plate of fuse box ("B+" is the main power supply of fuse box).





## Driver Tool

When you need to replace other parts, you may use the driver tool which is placed beside the left rear seat.



## Replace the wheel



**Please follow the precautions as bellow before lifting the vehicle up.**

Stop your vehicle at a proper position and make sure it neither affect the traffic, nor endanger your safety during the replacement of tire.

Please ensure that the vehicle is placed on

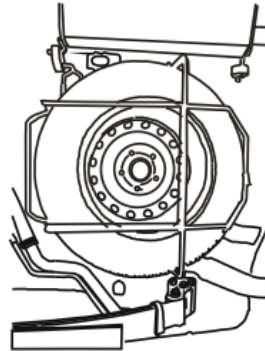
a stable, level ground. A proper wedge is required to block the wheel for further securing your vehicle if necessary.

Please make sure the front wheels facing to the right ahead.

If the vehicle is equipped with AT, please select the P gear position.

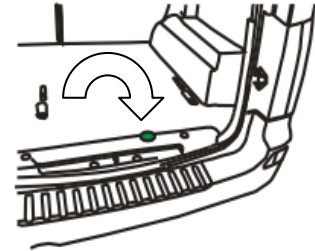
## Spare wheel

The spare wheel is placed on the back of fuel tank, the right side of exhaust pipe end.

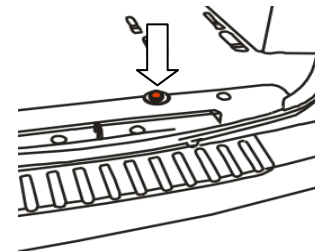


## Steps of replacing spare wheel

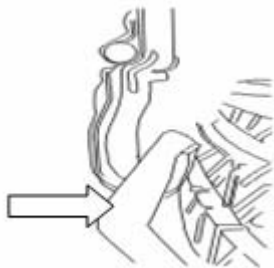
1. Open the back door and unclench the clocking piece at its opening with flat screwdriver.



2. Take out the blocking piece and unscrew the spare wheel towing hook nuts with socket wrench in counterclockwise direction.



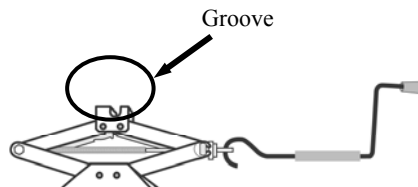
3. When the towing hook bolt is unscrewed, lift the wheel bracket upward to make the wheel out of the hook, then the spare wheel can be taken out (Reinstall the spare wheel in the reverse order)



## Jack



Using a jack to lift up a vehicle is suitable for the replacement of wheel only. **DO NOT** operate under the vehicle in the case.



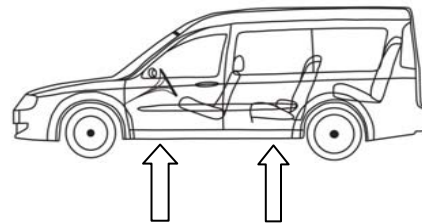
**The maximum working load of jack is 1,000kg.**

The jack is placed in the glove box over the left rear wheel.

## Jack lift point

The jack can push against only the special position of bottom of the vehicle as shown in the figure below. The groove of jack pushes against the convex part.

The position shall be close to the wheel to be repaired as much as possible.

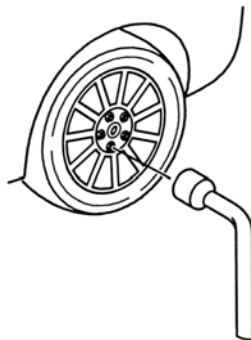


Front/ rear wheel jack lift point (the area blackened in the figure)



### Remove the wheel

1. Make sure the vehicle is placed on a stable, level ground and front wheels facing to the right ahead.
2. Turn off the ignition switch.
3. Please select the P position for the transmission.
4. Tell passengers to leave the vehicle.
5. Use proper wheel stopper to secure the vehicle in order to avoid rolling or sliding if necessary.
6. Insert the flat screwdriver in the gap between the steel ring and hub cap, then carefully turn it and remove the hub cap.
7. Use special tool to unscrew the wheel nuts as shown in the figure below.



8. Place the jack and ensure the whole seat located on a solid ground.
9. The jack must vertically lift up to the jack lift point.
10. Lift up the vehicle until the wheel departs from the ground.
11. Remove the wheel nuts and then take out the wheel.

2. Lower the vehicle and remove the jack.
3. Use the diagonal tightening method to fully tighten wheel nut in two or three times (Tightening torque:  $110 \pm 10 \text{ N}\cdot\text{M}$ ).
4. Steadily press the hub cap by both hands.
5. Collect the jack and fault wheel in reverse order and fasten them.
6. Do best to send them to the Chery's special service station to check the tightening torque of wheel nuts and tire pressure.
7. Because the spare wheel may not be used for a long time, please charge the tire with pressure slightly higher than the normal tire pressure in order to keep standard tire pressure of the spare tire.

### Install the wheel

1. Push the wheel to the rim bolt, tighten the wheel nut clockwise and make sure the wheel nut tip facing to the wheel.

## Battery

### Safety recommendations



The following countermeasures must be taken when the battery is delivered.



- The battery acid is corrosive. Put on gloves and safety goggles. DO NOT let the acid or lead touch your skin or clothes. DO NOT tilt the battery, otherwise the acid may flow out from the vent. If the acid splashes in your eyes, use clean water to wash

your eyes for several minutes and take medical treatment at once. If the acid splashes on your skin or clothes, use alkaline water (soapy water) to neutralize it and then use clean water to rinse it. If you unfortunately eat the acid, to see a doctor immediately.



- Keep children away from the battery acid.



- The battery may emit highly-explosive gas when it is charged.



- Open flames, sparks and smoking are strictly prohibited. Please avoid sparks when the wiring and electrical operation conduct. DO NOT connect the electrical terminals. Any short circuit caused may create spark and give rise to injury.



- There is high voltage in the electronic ignition system. Please DO NOT touch these components when the engine is operating or the ignition switch turns on.

### Removal and Installation

The following countermeasures must be taken when the battery is removed or installed.

- Your vehicle is equipped with 12V 60A·h maintenance-free lead acid battery.
- Replace the battery with the lead-acid one, and DO NOT use

other kinds of batteries. The current and capacity of new battery must be the same as that of old battery or conform to the Chery's specifications. For the proper battery specifications, please contact the Chery's special service station.

- After the ignition switch and all electrical equipment turn off, please remove the negative (-) cables first.
- Carefully operate in order to avoid that the metal tool touches the both electrical terminals of batter at the same time or contacts the positive terminal and vehicle body by accident.
- When the battery is reconnected, connect the positive (+) cable, and then the negative (-) cable.
- After the battery is removed and reconnected, the performance of the vehicle may be somewhat abnormal at the early stage. This is the engine control system is readapting the engine. It can't be considered.



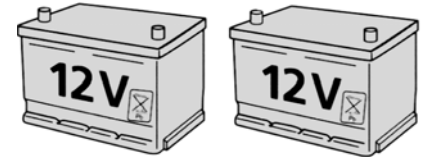
**The used battery contains the sulphuric acid and lead. DO NOT dispose them as the common household waste. Please send them to the local qualified waste disposal station.**



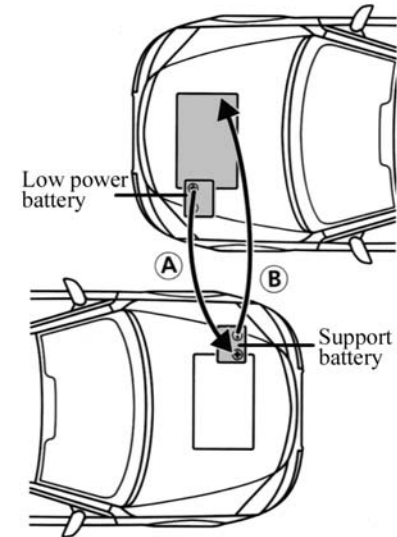
## Engine battery-assisted start method

If there is no power in the vehicle's battery, introduce the power of other vehicle into the vehicle and help the engine to start.

Connect the battery of the same nominal voltage (12V) only. Please use the jumper wire with the insulating clip, and the cable with proper dimension. Please **DO NOT** remove the low power battery from the electrical system of the vehicle.



### Connect the down-lead



1. Properly stop the vehicles in order to avoid them touching each other.
2. Stop the engine and shut down all unnecessary electrical equipment.
3. Connect the positive (+) terminal of the low power battery to the positive (+) terminal of the support battery via the wire A.
4. Connect one terminal of wire B to the negative (-) terminal of the support battery, the other terminal to the metal part of the engine to be started. Position the jumper wire in order to avoid it contacts the motion parts in the engine compartment.



**DO NOT connect to the negative (-) terminal of the low power battery.**

5. Make sure that the jumper cable can't interfere with the motion parts of engine.

## Start the engine

1. The engine of vehicle equipped with the support battery operates at the

proper high speed.

2. Start the engine of vehicle with the low power battery. Start the vehicle with the low power battery within one minute as soon as possible.



**To reduce the voltage surge during removal, please turn on the blower and electric heating type rear windscreen of the vehicle with low power battery. Please DO NOT turn on the headlamp to substitute the electric heating type rear windscreen; otherwise the surge voltage may burn out the bulb.**

3. Engines of two vehicles shall operate for three minutes before the down-lead is removed.

## Remove the down-lead

- Remove the down-lead B (-) first and then down-lead A (+).

## Tow truck

There are trunk rings equipped at the front and rear of the vehicle in order to install the tow cable.

During towing, slowly and smoothly travel to avoid the tow truck bounces. The big tow force may damage the vehicle.



**During towing, the ignition switch of the vehicle to be towed shall be placed on the "ON" position to make the steering wheel, turn signal lamp and stop lamp work. Since the engine extinguishes, there is no brake boost and steering boost. The required operating force need to be increased. So, the power of brake and steering shall correspondingly increase.**

## **Chapter 6 Repair & Maintenance**

It is essential to take the regular maintenance on your vehicle during the course of use. Please implement the maintenance strictly according to the maintenance schedule provided in the Instruction Manual in order to ensure that your vehicle is kept the best performance and better running state and effectively extend the vehicle service life. In addition, it also lets you find and remove the potential hazard in time to avoid the occurrence of the fault. In the following paragraphs, we will describe in detail the routine maintenance, examination and care method. Please read it carefully.

### Care & Maintenance

The care and maintenance can be divided into two categories. One is the routine care and maintenance which can be implemented by the owner himself/herself, and the other is the regular care and maintenance, examination and repair, which shall be carried out by the Chery's special service station.

Please strictly use the oil, gasoline, brake fluid and anti-freeze fluid, which are recommended in the Instruction Manual.

Otherwise, it may damage your vehicle.

### The Chery's special service station offers you the best services

Only the genuine spare parts and materials can ensure the service life of your vehicle, and, here, please pay more attention: the Chery Automobile Co., Ltd. offers the Chery's special service station nationwide the genuine spare parts only. So, you get the genuine spare parts from the Chery's special service station only.

The Chery's special service station is the unique professional service station authorized by the Chery Automobile Co., Ltd. The staffs have taken the strict professional training organized by the Chery Automobile Co., Ltd. They will do their best to offer you the best high-quality after-sale service. If you dissatisfy the work of the Chery's special service station, please feel free to email it to: [helpdesk@mychery.com](mailto:helpdesk@mychery.com), we will response to your questions very quickly. When emailing, please do not forget to explicitly note the model, chassis number, engine number, road mileage, and delivery date in

your email.

### Items you must follow

Regularly check the level of fluids and refill the fluids concerned. Check whether or not the tire pressure, lamps and braking function are normal. Check the warning lights. (See the Regular Maintenance Schedule below for your reference).

The reservoirs for the brake fluid, coolant and power steering fluid are the semi-transparent containers which are convenient to quickly, visually check these fluids.



**There is the high voltage in the electronic ignition system. Please DO NOT touch these parts when the engine is operating or the ignition switch turns on.**





**Turn off the ignition switch before working in the engine compartment. Even if the ignition switch turns off, the cooling fan also operates automatically. So, please take care of your clothes (tie) not to be caught by the fan or driving belt.**

## General maintenance for a vehicle



**The washing area where the ecological drainage system cannot be damaged is available only.**



**The used engine oil, brake fluid, anti-freeze fluid, battery and tire are disposed by the qualified waste disposal mechanism only or you consult the related manufacturers about the disposal method. DO NOT dispose them as the household waste or drain them into the public drainage system.**

Everyone shall concern about the environmental protection and do our best to protect environment.

## Maintenance Schedule

### Daily check:

Check the working condition of all exterior and interior lamps and lights. Replace the damaged or dim bulbs, and make sure that all mirrors are clean.

### Please check the following items while refueling:

- Engine oil level
- Brake fluid level
- Windscreen cleaning fluid level
- Tire pressure and status (for cold state only)

### Monthly Check:

- Coolant level (for engine cold state )

- Whether or not there is leakage in the assembly, pipelines, hoses and oil reservoirs
- Brake fluid level
- Power steering fluid level
- Whether or not the air conditioner works well\*
- Whether or not the hand brake works well
- Whether or not the horn works well
- Check all pipelines of crankcase ventilation system whether worn or folded.

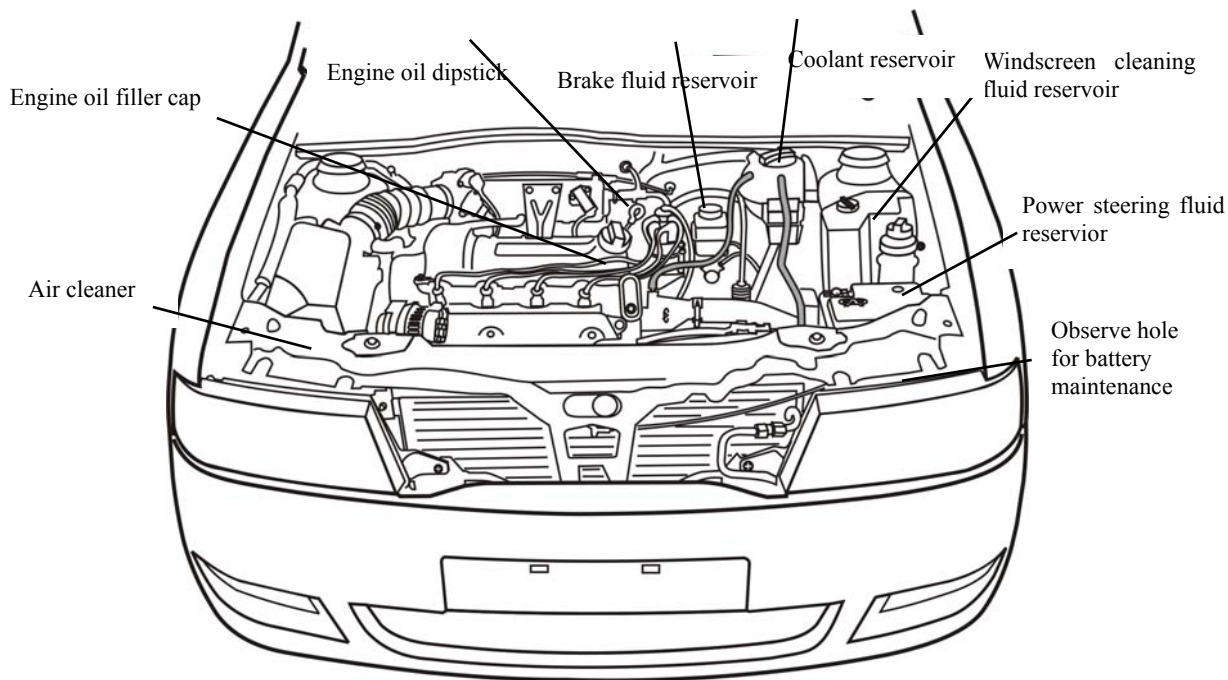
## CAUTION:

The air conditioner shall operate for at least 30 minutes each month.

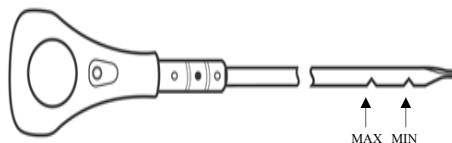


**Keep the engine oil, grease lubricant and fluids out of the reach of children. Abide by the safety instructions on the containers to avoid your skin contacting the used oil.**

## Engine Compartment Maintenance Items



## Engine oil dipstick



The engine oil is affected by many factors. A new engine reaches the normal operating specification only after traveling approx. 5,000 Km. More engine oil might be consumed when the engine operates with high load.

Regularly check the engine oil, e.g. when refueling or before a long-distance journey.

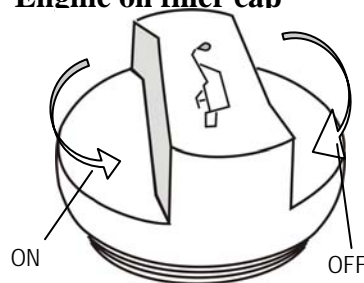
Stop the vehicle on a level ground before the engine oil is checked. Turn off the ignition switch and wait for several minutes in order to let the engine oil flow into the oil sump (It may need more time when the outside temperature is low or the normal working temperature of the engine is still unavailable). Before the engine oil is checked, DO NOT start the engine at the cold state. Draw out the oil dipstick

and clean it with the flannelette-free cloth. Carefully insert it and draw it out again.

If the level of oil is between the MIN and MAX marks on the lower of dipstick, DO NOT refill the oil. The hot oil may exceed the MAX mark several millimeters due to the thermal expansion.

If the level of oil is located at the lower MIN mark or below, refill the engine oil, which conforms to the Chery's specifications, to the position between the MIN and MAX marks only. For the details, see the chapter "Capacity and Specifications".

## Engine oil filler cap



Turn the filler cap counterclockwise and

pull out it to open the filler cap. Please DO NOT open the filler cap when the engine is operating.

Turn the filler cap clockwise until a click is heard. It means the filler cap closed.



**Please DO NOT use the oil additives or engine treating compound. It is not only unnecessary, but also may damage the engine in certain cases, without the warranty.**



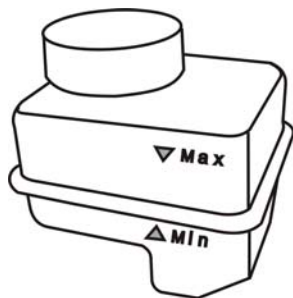
**The empty oil container must not be thrown into the household waste. Please use local qualified waste disposal facilities to dispose these items.**

## Brake Fluid Reservoir



**Please DO NOT let such fluid contact your skin or eyes. Use plenty of clean water to wash the position affected and immediately see a doctor if the case is happened.**

The fluid reservoir is located in the rear part of engine compartment. The fluid level shall be between the MIN and MAX marks at the reservoir side. If the oil level drops down to the MIN mark, the brake fluid warning light will be on.



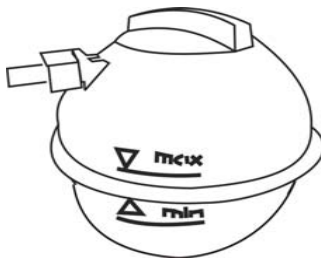
The brake fluid which conforms to the Chery's specification is available only. See the chapter "Capacity and Specification". Send it to the Chery's special service station as soon as possible to check the leakage of the system.

Ensure that the brake fluid refilled is absolutely clean.



**If the fluid contacts a surface painted, please use a wet sponge to remove it or use enough water to wash the surface painted.**

### Engine coolant reservoir



**DO NOT open the reservoir cover when the temperature of engine is extremely high. Otherwise the coolant may spray out from the system and lead to scalding or corrode the other parts and components.**

The level of coolant can be seen through the semi-transparent reservoir. When the engine is in the cold state, the level of

coolant shall be between the MIN and MAX marks. When the engine is in the hot state, the level of coolant may exceed the MAX mark due to the thermal expansion.

Refill the coolant only when the engine is in the cold state. If you have to refill it while the engine is in the hot state, wait for 10 minutes to cool the engine. Turn the reservoir cap a quarter turn to relieve the accumulated pressure. Then, fully open the cap after a period of time. Refill the coolant suitable for the specification of the vehicle.



**The coolant is a kind of noxious fluid. DO NOT use it to wash your hand or clothes.**

**Carefully refill the coolant in order to avoid it splashing on any position of engine. If the fluid contacts your skin or eyes by accident, please use enough clean water to wash the positions affected and immediately see a doctor.**

The coolant with proper concentration not



**Please DO NOT use coolants with different colors and specifications.**

only prevents the engine from being frozen in winter, but also provides the anti-corrosion protection year around. The modern engines operate at the extremely high temperature, and the coolant with poor quality cannot provide proper protection to an engine.

Therefore, please use the coolant that meets with the Chery's specifications. DO NOT use tap water to substitute the coolant.

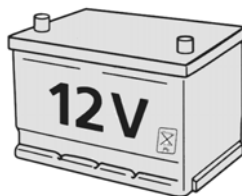
Refer to the chapter "Capacity and Specification" for the capacity.

### Refill the coolant

1. Unscrew the reservoir cap, refill the coolant up to the MAX mark, and operate the engine to make the temperature of water approx. 90°C. DO NOT unscrew the reservoir cap, because there are some gases draining from the water passage. In this case, the level of fluid in the reservoir will drop down;

2. Turn off the engine, refill the coolant into the reservoir and repeat the process above until the level of reservoir doesn't drop down any more, and then screw on the reservoir cap.

### Battery



Battery only requires little maintenance. The level of fluid will be checked during the routine maintenance and examination.

Your vehicle is equipped with a maintenance-free battery. Using other model of batteries is not recommended. The current and capacity of a new battery must be the same as that of used battery and conform to the Chery's specification. Please contact and consult the Chery's special service station for proper battery specifications.

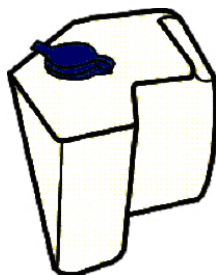
### Power steering fluid reservoir



When the engine is in the cold state, the level of fluid shall reach the MAX mark.

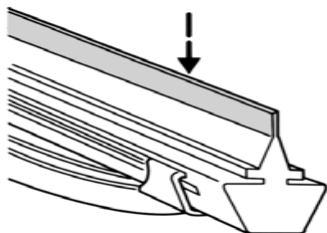
Power steering fluid that meets with the Chery's specification shall be refilled if the fluid level is below the MIN mark.

### Windscreen cleaning fluid reservoir



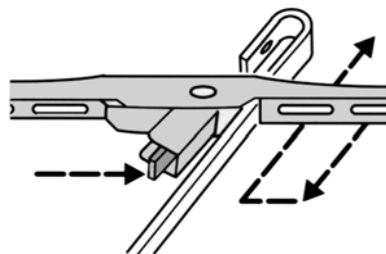
The cleaning fluid for front windscreen is supplied by the reservoir. Mix clean water and windscreen cleaning fluid with the concentration of 1:20 if necessary. There is no MAX and MIN marks for the reservoir. Fluid shall be refilled in time when the cleaning fluid is nearly finished. Reservoir cap shall be covered well after refilling.

### Check wiper blade



Slide your fingertip on the edge of the wiper blade to check its coarseness. The butter, silicone resin and fuel may result the wiper blade failure to work. It is recommended to use the windscreen cleaning fluid to clean the wiper blade.

### Replace wiper blade



Raise the wiper arm until it is perpendicular to the wiper blade. To remove the wiper blade, press down the retaining clip in the arrow direction, release the wiper blade and then pull away the wiper arm in the reverse direction.

### Tire

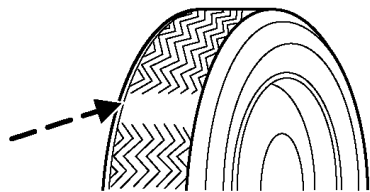
For the sake of safety, when refueling, please check the pressure of tires (incl. spare tire) after these tires cool down. For

the details, refer to the tire pressure recommended in the chapter “Capacity and Specification”.

Comply with the correct tire pressure in particular when the vehicle travels at heavy load and high speed. The tire pressure insufficient may reduce the stability of the vehicle, increase the rolling resistance and quicken the wear of tire, and also result the damage which may cause the traffic accident.

If you have to drive your vehicle on the edge of road, you slowly drive it only. If possible, the wheel shall vertically approach the roadside. Avoid the upstanding obstacles with sharp edge. Take care not to scratch the lateral wall of tire when the vehicle stops.

Regularly check whether there are the flesh cut, foreign material and uneven wear on the surface of tire. The uneven wear of tire tread indicates that the wheel alignment may be wrong.



The depth of the tire tread wear is illegally limited. After the wear reaches the limit value of 3mm, there is a wear strip occurring on the tire tread, which indicates that the performance and safety of the tire reduce considerably and the tire must be replaced.

Dispose the worn tire according to local regulations on environmental protection. Change the winter tire to summer tire as soon as road condition permits, which can reduce fuel consumption and lower the noise

### Replace the tire

The tire available for your vehicle is properly selected to provide the best operation, comfort and safety. The above specifications on the tire-wheel rim combination are suitable for the steel or

aluminum alloy wheel rim. To understand whether the other kinds of tires and wheel rims are used in this vehicle, please contact the Chery's special service station.



**If you want to install a nonstandard tire or wheel rim, (e.g., light alloy wheel rim or wheel with winter tire), comply with the related instructions or contact the Chery's special service station.**

It is strongly recommended to use the genuine tire when the tire is installed or to refer to the recommendation from the Chery's special service station.



**The improper tire and wheel rim may result the traffic accident, without the warranty.**

### Caution:

The pedometer is affected by the dimension of tire applicable for the vehicle. If the tire dimension (diameter) is different from that of the genuine tire, the exact

speed can't be displayed.

### Driving belt

The driving belt is one of the parts subject to the most severe stress. Therefore, the belt must be of high quality and reliable to meet with operational needs.

When the driving belt is replaced, it cannot meet the requirement if the belt with the same dimension is selected only. For the sake of safety, please use the Chery genuine belts only. The genuine driving belts are available in the Chery's special service station.

### Caution:

The driving belt may somewhat extend after it is in service for a certain time, and the belt will be loose when the extension reaches the limit, which may result the fault and damage the vehicle. So, the tension of generator belt shall be checked after the vehicle travels 1,000 Km.

### Check the tension of driving belt

1. Turn off the ignition switch and take out the key.

2. Press the intermediate position of the belt with your thumb (approx. 100N), and check the flexibility of the belt.

Max. allowable flexibility: 10mm.

3. If the flexibility exceeds the allowable value, please immediately get to the Chery's special service station to have it regulated.

## Wash vehicle

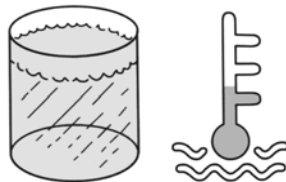
DO NOT throw the cleaning material into the household waste. Please use the qualified local waste disposal facilities.



The washing area where the ecological drainage system can't be damaged is available only.

The most important factor to protect the painted surface of the vehicle is to use the clean water.

**Use cold or slightly-warmed water to wash the vehicle only.**



## Automatic vehicle washer

The best method to wash a vehicle is to employ the brushless facilities in a good vehicle-washing workshop. The powerful water flow may be sprayed into the vehicle if the vehicle-washing system with high-pressure water is available.



**Please turn off the heating blower first before the automatic vehicle washer is available.**

## Wash the vehicle manually

If the vehicle cleaning fluid is used, please

use a lot of water to wash the vehicle, and clean the vehicle with a dry cloth.

The water from high pressure spray gun may enter in the intake pipe of engine or even inside the engine through the air intake grid of engine cover while washing the vehicle, which harms the engine greatly. Therefore, DO NOT aim at the air intake grid with the high pressure spray gun while washing the vehicle.



**After the vehicle is cleaned, step on the brake pedal several times to remove the moisture from the brake disc during the journey.**

## Clean the headlamp

To avoid the damage of the plastic mirror of headlamp, DO NOT use the corrosive abrasives or chemical solvents. DO NOT wipe the lamps when the mirror is dry, or use a keen-edged object to clean the lens.

## Clean the rear windscreen

When cleaning the rear windscreen, use soft cloth to wipe it only in order to avoid the damage of the heating components or



radio antenna. DO NOT use the solvents or keen-edged objects to clean the windscreen.

### Chassis anti-corrosion

The vehicle's chassis has already conducted the anti-corrosion treatment. Regularly check the chassis anti-corrosion protection, and, if necessary, get to the Chery's special service station to have it repaired.

### Clean wheel

On the basis of the road mileage, clean the wheel once every week in order to avoid the dust accumulates on the brake. Employ the wheel cleaning agent or warm water and soft sponge to clean the wheel. DO NOT use the abrasive materials to clean it in order to avoid they damage the special machined surface.

### Cleaning products

To get the best effect, please properly use the vehicle care products.

### Paint removing treatment

For the paintwork damage or slight scratch

created due to the ballast on the road, please get to the Chery's special service station to have it treated.



**When the vehicle is polished, take care not to let the polishing compound to contact the plastic surface. Otherwise, it is difficult to remove it. In addition, DO NOT polish the vehicle under strong sunshine.**

### Paintwork protection

Wax your vehicle once or twice every year to keep the paintwork smooth, better.



**To ensure the permanent the paintwork of the vehicle, remove in time the substances harmful to the paintwork, such as: bird droppings, resin, insect residuals, tar spots, road snow-removing salt, industrial waste and etc.**

### Leather fabric care

Use the wet cotton cloth and towel to wipe

the leather surface, and dry it with a clean soft cloth. Use such the neutral cleaning agents as soap foaming agent to clean the extremely dirty surface. During the normal service period, it is recommended to use the special curing agent for leather to care the leather once every six months.

DO NOT let the leather over-wet, especially pay more attention not to make the water enter into the gaps.



**The proper leather cleaning materials and cleaning agents are available only.**

### Clean radiator

After the vehicle travels for a period of time, the windward side of the condenser and radiator may be jammed by some insects, tree leaves, and other foreign materials. In this case, it will make an influence on the performance of the air conditioner and cooling system, which results the air conditioner failure to operate normally, cooling system over-heat and etc. So, it is necessary to clean the radiator and condenser.

It is advisable that the front surface of radiator is cleaned once every year. Use the compressed air or water to clean the fins of radiator, blow by the small insects, bugs, tree leaves and etc.

Through the radiator, blow the gas from the rear to the front of the radiator to clean the condenser. When the engine is in the cold state, use the water to wash the radiator.

The pressure of air and water shall not exceed 150 KPa. If the pressure exceeds 150 KPa, it may damage the fins of radiator.



**The fins of radiator are essential to conduct the better heat conduction. DO**

**NOT brush these fins. Otherwise, it may damage the fins and reduce the heat conduction.**

**DO NOT spray the water on the hot radiator because the hot gas generated will make people injured.**

**Use the water to wash the radiator only when the engine stops operating and cools down.**

## Regulations on the regular maintenance

Please get to the Chery's special service station to have your vehicle maintained according to the specified mileage.

Maintenance Item	Mileage (Km)		
	5000	15000	30000
Lighting, warning flasher devices, horn: check the performance		★	★
Wiper and cleaning equipment: check the performance, and add the cleaning fluid if necessary		★	★
Check the free travel of clutch and the clutch fluid level and regulate it if necessary		★	★
Engine oil: replace	★	★	★
Oil cleaner: replace	★	★	★
Transmission oil: check the oil level, color and quality of oil and refill it if necessary	★	★	★
Engine: check the leakage (engine oil, anti-freeze fluid, fuel, A/C system, etc.)	★	★	★
Battery: check the level of electrolyte and refill distilled water if necessary (equipped with non-maintenance-free battery)		★	★
Timing belt: check the wear and tension, regulate or replace it if necessary			★
Engine compartment bonnet hinge and lock: lubricate them	★	★	★

Maintenance Item	Mileage (Km)		
	5000	15000	30000
Door hinge and limiter: lubricate them	★	★	★
Spark plug: check and replace it if necessary		★	★
Air cleaner: clean the housing, clear up the cleaner element and replace it if necessary	★	★	★
A/C cleaner: check the cleanness and replace it if necessary		★	★
Ignition timing: check it	★	★	★
Furl cleaner: replace it			★
Wedge-shaped belt: check the tension and regulate or replace it if necessary		★	★
Transmission: check the leakage or damage		★	★
Dust cap of constant velocity universal joint: check whether it is damaged.	★	★	★
Steering tie rod end: check the clearance and whether the dust cap is damaged	★	★	★
Protective sleeve of steering universal joint assy.: Check the malposition or damage		★	★
Hand brake : Check its travel, and regulate it if necessary		★	★

Maintenance Item	Mileage (Km)		
	5000	15000	30000
Brake lining /brake shoe: Check its thickness, and replace it if necessary	★	★	★
Brake disc/brake drum: Check if it works normally or is damaged, and replace it if necessary		★	★
Body bottom protector: visually check whether it is damaged			★
Safety belt: check whether damaged		★	★
Toe-in value, wheel camber angle: check and regulate if necessary		★	★
Ball pin: check the clearance		★	★
Rear shaft rubber hinge: check whether damaged		★	★
Universal joint/ front wheel bearing: check the connection whether loose & has abnormal sound			★
Engine oil sump bolt: check whether loose and tighten it if necessary			★
Control arm rubber sleeve: check whether damaged		★	★
Brake hose: check whether aged or damaged		★	★
Brake pipe: check whether damaged or corroded, and the leakage of all joints		★	★

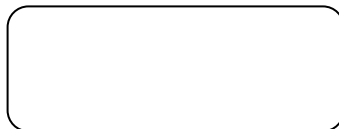
Maintenance Item	Mileage (Km)		
	5000	15000	30000
Suspension components: Check whether they are abnormally loosen or damaged due to friction, and whether they normally work	★	★	★
Joints for fuel system: Check the aging, damage, abnormal loose or friction			★
Exhaust system: Check the leakage and damage, and regulate or replace it if necessary		★	★
Steering system: Check the level of power steering fluid, whether the clearance of gear rack of steering wheel is proper, the connection status of all adapting parts, whether the system works normally, and repair or replace it if necessary		★	★
Cooling system: Check the level of anti-freeze fluid, check the status of all connection pipes, leakage, and replace it if necessary	★	★	★
Braking system: Check the level of brake fluid, check the status of all connection pipes, the leakage and damage, the working condition of the system, and repair or replace it if necessary	★	★	★
A/C system: Check whether its pressure is normal, check the leakage, abnormal sound, abnormal odor, and whether the system works normally	★	★	★
Tire (incl. spare tire) : Check the depth of tread, regulate the pressure of tire, and check the tightening torque of wheel bolt	★	★	★
Tire: Change the position of tire		★	★

Maintenance Item	Mileage (Km)		
	5000	15000	30000
Chassis and body connecting bolt: Check whether it is loose, and tighten it, if necessary	★	★	★
Wheel: Check whether or not it is loose	★	★	★
Engine idle speed check: Check the working state of engine at the idle speed, the parameters of electronic fuel injection system and the exhaust are whether normal, and regulate it if necessary	★	★	★
Trial driving: check whether the function of any mechanism is normal, and regulate it if necessary	★	★	★
Note: For manual transmission, replace the transmission gear oil once every one (1) year or 30,000Km road mileage, and replace the brake fluid once every two (2) year or 50,000Km road mileage.			

## First 5000km Maintenance Card



CHERY



Service Station  
(Seal)

### Vehicle data

Vehicle chassis Number

Model

Vehicle description

Engine number/ Transmission number

Paint grade/Inner parts

Optional parts





Owner: \_\_\_\_\_

Company (name): \_

Address: \_\_\_\_\_

Tel: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

Purchase date: \_\_\_\_\_

Purpose: \_\_\_\_\_

License plate number: \_\_\_\_\_

Date: \_\_\_\_\_

Mileage: \_

Purpose: \_

License plate number: \_

Service Station (seal): \_

Signature of owner: \_\_\_\_\_



## First 5000km Maintenance Card

Date: \_\_\_\_\_ Mileage: \_\_\_\_\_

Checking item: Yes No

1. Check the leakage of lubricating system, cooling system and fuel system. ( ) ( )

2. Replace engine oil and oil filter. ( ) ( )

3. Check coolant level, and add coolant or adjust its density if necessary. ( ) ( )

4. Check the leakage of transmission ( ) ( )

5. Check the damage of the dust cap for steering tie rod. ( ) ( )

6. Check the damage of dust cap for constant velocity universal joint. ( ) ( )

7. Check the leakage of brake fluid, and check the damage of brake line. ( ) ( )

8. Check the function of brake pumps. ( ) ( )

9. Check the tire inflation pressure to ensure it conforms to the specification. ( ) ( )

Checking item: Yes No

10. Check the tension of generator and air conditioner belt, then adjust if necessary. ( ) ( )

11. Check the hinge and latch of engine hood. ( ) ( )

12. Check the leakage of air conditioning system. ( ) ( )

13. Check the leakage of power steering line, then add power steering oil if necessary. ( ) ( )

14. Check the assembly and damage of the dust cap for steering universal joint. ( ) ( )

15. Check the positions of manual transmission shaft crank to ensure smooth operation of each shift. ( ) ( )

16. Check the joint bolts for fastening chassis and vehicle body to see whether they are loose or not. ( ) ( )

## ✂ First 5000km Maintenance Card

Date: \_\_\_\_\_

Mileage: \_\_\_\_

Purpose: \_

License plate number: \_

Service Station (seal): \_\_\_\_

Owner (signature): \_\_\_\_

# Maintenance Record

## Regular Maintenance

For 10,000Km of road mileage or within six (6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

## Regular Maintenance

For 15,000Km of road mileage or within six (6) months after the last service, the 15,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

## Regular Maintenance

For 20,000Km of road mileage or within six (6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Regular maintenance is made according to the specified items in the regular technical maintenance of Karry (Mileage and time above are subject to the requirement, whichever is first)

### Regular Maintenance

For 25,000Km of road mileage or within six (6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Regular Maintenance

For 30,000Km of road mileage or within six (6) months after the last service, the 30,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Regular Maintenance

For 35,000Km of road mileage or within six (6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Regular maintenance is made according to the specified items in the regular technical maintenance of Karry (Mileage and time above are subject to the requirement, whichever is first)

## Regular Maintenance

For 40,000Km of road mileage or within six (6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

## Regular Maintenance

For 45,000Km of road mileage or within six (6) months after the last service, the 15,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

## Regular Maintenance

For 50,000Km of road mileage or within six (6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Regular maintenance is made according to the specified items in the regular technical maintenance of Karry (Mileage and time above are subject to the requirement, whichever is first)

### Regular Maintenance

For 55,000Km of road mileage or within six (6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Regular Maintenance

For 60,000Km of road mileage or within six (6) months after the last service, the 30,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

### Regular Maintenance

For 65,000Km of road mileage or within six (6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Regular maintenance is made according to the specified items in the regular technical maintenance of Karry (Mileage and time above are subject to the requirement, whichever is first)

## Regular Maintenance

For 70,000Km of road mileage or within six (6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

## Regular Maintenance

For 75,000Km of road mileage or within six (6) months after the last service, the 15,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

## Regular Maintenance

For 80,000Km of road mileage or within six (6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Regular maintenance is made according to the specified items in the regular technical maintenance of Karry (Mileage and time above are subject to the requirement, whichever is first)

## Regular Maintenance

For 85,000Km of road mileage or within six (6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

## Regular Maintenance

For 90,000Km of road mileage or within six (6) months after the last service, the 15,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

## Regular Maintenance

For 95,000Km of road mileage or within six (6) months after the last service, the 5,000Km maintenance items are available

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Service Station (Stamp)

Owner's Signature

Date or mileage for next service

Date: \_\_\_\_\_

Mileage: \_\_\_\_\_

Regular maintenance is made according to the specified items in the regular technical maintenance of Karry (Mileage and time above are subject to the requirement, whichever is first)

## Safety Protection System

If your vehicle is equipped with the air bag system, you must replace the complete air bag system every ten (10) years as of the purchase date, and it must be replaced by the Chery's special service station.

To ensure the normal operation of the air bag system, please get to the Chery's special service station to have the air bag system replaced within the specified time.

If the air bag system is replaced before the specified time (e.g., after the occurrence of an accident), please carefully fill out the replacement record for future reference.

### Air Bag System Replacement Record

- ☐ Driver air bag
- ☐ Passenger air bag
- ☐ left-side air bag
- ☐ Right-side air bag
- ☐ Air bag control module
- ☐ Air bag harness
- ☐ Pretensioner seat belt
- ☐ Other parts
  - 1, -----
  - 2, -----
  - 3, -----
  - 4, -----
  - 5, -----
  - 6, -----
- Date: -----

Special Service Station Stamp:

### Air Bag System Replacement Record

- ☐ Driver air bag
- ☐ Passenger air bag
- ☐ left-side air bag
- ☐ Right-side air bag
- ☐ Air bag control module
- ☐ Air bag harness
- ☐ Pretensioner seat belt
- ☐ Other parts
  - 1, -----
  - 2, -----
  - 3, -----
  - 4, -----
  - 5, -----
  - 6, -----
- Date: -----

Special Service Station Stamp:



## Air Bag System Replacement Record

- ☐ Driver air bag
- ☐ Passenger air bag
- ☐ left-side air bag
- ☐ Right-side air bag
- ☐ Air bag control module
- ☐ Air bag harness
- ☐ Pretensioner seat belt
- ☐ Other parts

1, -----  
2, -----  
3, -----  
4, -----  
5, -----  
6, -----

Date: -----

Special Service Station Stamp:

## Air Bag System Replacement Record

- ☐ Driver air bag
- ☐ Passenger air bag
- ☐ left-side air bag
- ☐ Right-side air bag
- ☐ Air bag control module
- ☐ Air bag harness
- ☐ Pretensioner seat belt
- ☐ Other parts

1, -----  
2, -----  
3, -----  
4, -----  
5, -----  
6, -----

Date: -----

Special Service Station Stamp:

## Air Bag System Replacement Record

- ☐ Driver air bag
- ☐ Passenger air bag
- ☐ left-side air bag
- ☐ Right-side air bag
- ☐ Air bag control module
- ☐ Air bag harness
- ☐ Pretensioner seat belt
- ☐ Other parts

1, -----  
2, -----  
3, -----  
4, -----  
5, -----  
6, -----

Date: -----

Special Service Station Stamp:

## **Chapter 7 Quality Warranty Service**

## Warranty for a complete vehicle

Every Karry vehicle sold by an authorized sales service center can enjoy the conditional quality warranty. Within the warranty, if the quality fault of the vehicle occurs in case of the normal operation and maintenance, it is covered by the warranty, and the owner does not pay for the maintenance and repair. However, the vehicle must be repaired by the Chery's special service station.

The quality warranty period for the non-operational Karry vehicle is **twenty-four (24) months** or **60,000Km** accumulated road mileage while the warranty period for the operational vehicle is **twelve (12) months** or **100,000Km** accumulated road mileage, whichever comes first (i.e. one of the both conditions comes, the vehicle is not subject to the quality warranty), and the warranty period is calculated starting from the earliest among the date that the owner receives the vehicle, the owner information upload date,

the invoice date of purchasing, and license receiving date. If the purpose of vehicle changes within the warranty period, the warranty duration and mileage concerned does not alter.

Within the warranty period, if the vehicle is subject to regular maintenance specified by the Chery Automobile Co., Ltd. while the complete vehicle or some parts have fault(s) and they are covered by the quality warranty, please get to the Chery's special service station to have your vehicle examined and repaired.

## Quality warranty period for special parts (limited to the original quality problems only)

- **Horn**  
**6 months/ 30000Km**
- **Battery**  
**6 months/ 50000Km**
- **Generator belt, control arm ball pin, tie rod ball**  
**12 months/ 60000Km**

- **Oil-air separator**  
**12 months/ /20000Km**
- **Plastic parts, rubber parts, switches and lamps**  
**6 months/ 20000Km**
- **Oxygen sensor, injection nozzle, clutch plate**  
**12 months/ 40000Km**
- **Damper, damper rubber sleeve, dust cap, supporting block, engine timing belt**  
**12 months/ 40000Km**

**Quality warranty period of the wearing parts (limited to the original quality problems only) is 3 months or 5000Km.**

**Wearing parts including:** Bulb, glass products, air cleaner element, fuel cleaner, oil cleaner, wiper blade, tire, clutch lining/ brake shoe, spark plug, high-voltage cable and antenna.

**Note: For the warranty period of the wearing parts and special parts, it is calculated on the duration and mileage, whichever comes first. The warranty period of other parts is the same as that of the complete vehicle.**

## Normal consumption parts are non-warranty parts

**Normal consumption parts include:** fuse, lubricating oil (grease), brake fluid, low power battery, engine coolant, power steering fluid, oil coolant and refrigeration oil, etc.

## Coverage of warranty

Comply with the regulations specified in this instruction manual to use, repair and maintain your vehicle. And bring this manual that can prove your vehicle has been regularly examined and repaired.

The quality defects and damages caused by product design, manufacturing, assembly, raw material defect and other factors

If an owner reclaims the quality warranty, he/she shall protect the original status of the damaged parts in order to clarify what truly happened.

The replacement and repair for parts within warranty period will not extend the warranty period for complete vehicle or parts.

The removed parts within warranty period are subject to the Chery Automobile Co., Ltd.

## Items not covered by the warranty

### 1. The following faults are not covered by the quality warranty:

- 1) Faults occurred in the vehicle which is repaired or maintained by the owner himself/herself or by the service station other than Chery's special service stations.
- 2) The Chery Company will not be responsible for any direct or indirect damage caused due to the installed parts and components not produced or provided by the Chery Automobile Co., Ltd.

Hint: To ensure the proper operating condition of this vehicle, the owner shall use the parts and components (genuine spare parts) provided by the Chery Automobile Co., Ltd. and the Chery's special service station will offer you the genuine spare parts purchasing service.

- 3) The Chery Company will not be

responsible for any direct or indirect damage caused due to the refitting or additional installation of various equipment by the owner himself/herself, especially the refitting or additional installation of such system involving the product safety as electrical, braking, steering and other systems.

- 4) Faults caused due to no routine examination or regular maintenance conducted as required, or the examination, repaired and maintenance conducted by the service station other than the Chery's special service station.

Hint: To ensure the proper operating condition of this vehicle, the owner has the responsibility to conduct the necessary examination, repair and maintenance. For example, the engine oil has the crucial functions such as lubricating; cooling the engine, rust prevention and so on. The engine oil in service will be gradually contaminated, corroded or degenerated. So if you still continue to use such engine oil for a long time, it may burn out the engine. And for this kind of fault caused due to the

shortage of proper examination and maintenance, the Chery Company will not be liable for the warranty service.

This instruction manual specifies the necessary maintenance items. After such items are executed, please record the results in this instruction manual, and keep it carefully. When accepting warranty service, you must bring forth this instruction manual.

- 5) Severe failures result from the problems that owner should have discovered and handled, but ignored.

**Hint:** For example, during the routine inspection, it has been found that engine oil warning light gives an alarm, or the driver feels something abnormal (noise, vibration) while the vehicle has not been overhauled in time and continues in service till severe failure occurs.

- 6) Faults caused due to the use of products other than the genuine spare parts and specified grease (including engine oil, brake fluid, transmission oil, and fuel).

**Hint:** The prerequisite for this warranty is

to properly use the genuine spare parts and specified grease so as to ensure the normal operating of the vehicle. So, if the non-genuine spare parts are used, or they are genuine spare parts but not applicable to this vehicle, or the grease not specified in the instruction manual is employed, all of these may make an influence on the vehicle's original performance and decrease its durability.

For example, the oil cleaner not specified by Chery Company is utilized and then it result the cleaner jammed and the bearing burnt.

- 7) Faults caused due to the malfunction of the vehicle and improper use of the Instruction Manual or due to the overuse of the vehicle that exceeds the vehicle's capabilities specified in the specification (the vehicle travels as a racing vehicle with the overload, the engine overload, excessive loading capacity, passenger overload, excessive driving speed, etc).

**Hint:** The malfunction of the vehicle and improper use of the Instruction Manual or due to the overuse of the vehicle that exceeds the vehicle's capabilities specified

in the specification are mainly as follows:

For example:

- ◆ Faults caused due to driving at harsh area or racing.
- ◆ Overloading or excessively pressing chassis spring.
- ◆ Engine failure caused due to the operation with overload, and the excess of the transmission limit specified in the Instruction Manual when the vehicle travels at high speed.

## 2. The following symptoms cannot be deemed as faults, without the warranty.

- 1) The symptoms caused due to the wear or the long period of service time. (Natural fading or degeneration of painted surface, plating surface, resin parts, etc.)

**Hint:** Among the parts consisting of an automobile, some of them (e.g. clutch disc) are subject to be continuously worn with the driving and repeated operating.

In addition, the brake lining and other parts which implement its function by

wearing itself, those consumptive parts for daily running and the grease such as engine oil or cooling water which plays the role of lubricating and cooling function, will be substantially consumed and degenerated with the traveling of vehicle. The paint surface of exterior plate and the interior instrument panel surface would gradually tarnish and slowly fade.

The consumption generated due to daily running and operating as well as the fading symptom will not be covered by the Warranty.

- 2) In general, those perceived occurrences that will not affect the vehicle quality and functions (Operation feel, noise, etc.)

**Hint:** Noise and vibration sometimes are caused by abnormal vehicle's condition while it is possible that normal operation also causes noise and vibration occasionally. In this case, the vehicle's quality and function have no problem. For instance, the noise caused when the brake pedal is stepped on mostly comes from friction (usually called the braking noise) while it is not the functional problem.

### **3. The following faults caused due to the exterior reasons are not the material and manufacturing problems, without the warranty.**

- 1) Faults caused due to the exterior reasons such as coal smoke, medicine, bird droppings, oil, acid rain, gravel, scrap iron, ash falls and salt and so on.

**Hint:** Faults caused due to the exterior reasons such as glass broken by splashing grovels during traveling, compartment scratched, paintwork fading resulted due to the bird dropping or acid rain attaching.

- 2) Faults caused due to the natural disaster such as earthquake, strong wind, flood and fire or other accidents.

### **4. The Chery Company will not be liable for the expenditures in case of the following conditions.**

- 1) Some parts of the vehicle are the wearing parts, such as: friction lining, wiper blade, spark plug, cleaner, tire, bulb, lubricating oil (grease), brake fluid, low power battery, engine coolant, power steering fluid, oil. The

costs generated due to the normal consumption of these parts and the expenditures caused by the replacement and supplement of grease or oil.

**Hint:** Wearing parts and grease will be consumed and degenerated along with daily driving. Owners themselves pay for the cost for such kind of products' replacement and supplement.

- 2) Expenditure for the overhaul and regular replacement of parts and components specified by the Chery Company.

(Except for the items which its first inspection cost is for free)

**Hint:** The consumption and degeneration will be inevitable during the course of the use of the vehicle. So, the proper overhaul and daily/regular inspection must be done on schedule according to the service condition.

- 3) Expenditure for your vehicle repaired in the other service station other than the Chery's special service station.

The Chery Company will not pay for

repair in the other service station other than the Chery's special service station.

- 4) The expenditure generated by normal inspection and adjustment (fuel consumption, CO content, lighting, inspection and adjustment of four-wheel calibrating mechanism, dynamic balance of tires, etc.).

## 5. Additional expenditure

The economic loss or additional expenditure caused due to the vehicle failure to be employed is not covered by the quality warranty. For instance, it includes:

- The economic loss and time loss caused due to the vehicle failure to be used
- The expenditure for the storage of the vehicle
- The expenditure for the rent or lease of the vehicle
- The expenditure for the accommodation, food or other items
- Other related loss

## Spare parts warranty

For spare parts that are bought and installed in the Chery's special service station and supplied by the Chery Automobile Co., Ltd., the warranty period is 6 months or 20,000 accumulated road mileage, calculated from the date of purchasing and installation. Among them, the warranty period for wearing parts (bulb, glass products, air cleaner element, fuel cleaner, oil cleaner, wiper blade, tire, clutch lining/ brake shoe, spark plug and high-voltage cable) is 3 months or 5,000km accumulated road mileage. All warranty period listed above is subject to the one whichever comes first.

Warranty coverage and items not covered by the warranty refers to the regulations of warranty for a complete vehicle.

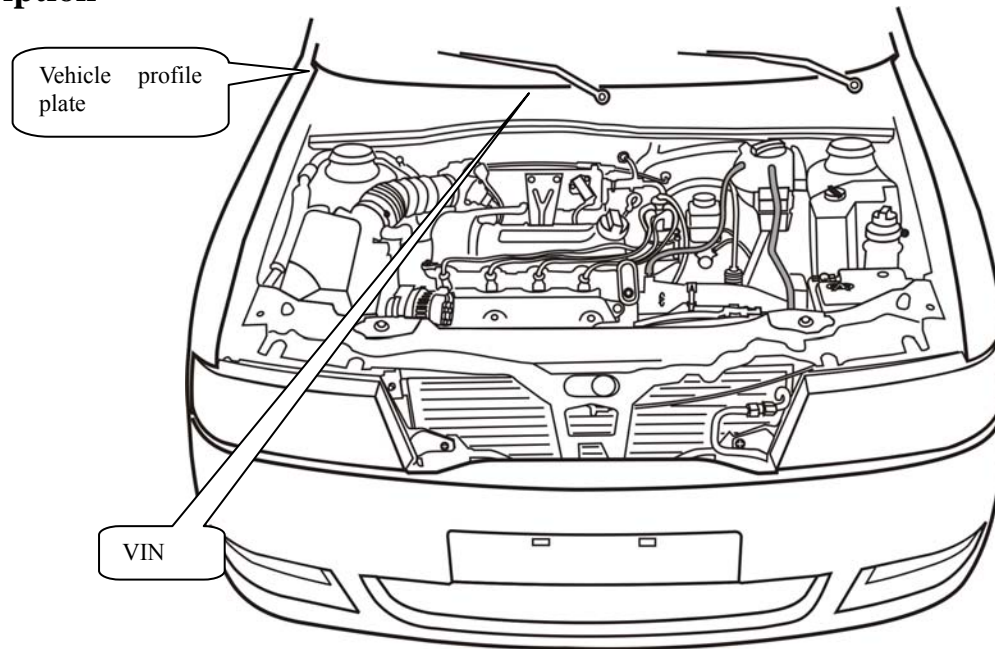
Within the quality warranty period for a complete vehicle, parts are replaced and installed by the Chery's special service station for free. The quality warranty period for replaced parts is the remained time of warranty for the complete vehicle, which will be ended with the end of the warranty for the complete vehicle.

**You may consult the local Chery's service station if you have any query to the above regulations.**

## **Chapter 8      Capacity & Specification Parameters**



## Vehicle Identification Description



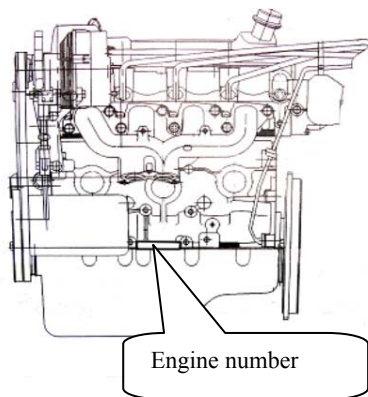
# Capacity & Specification Parameters

## VIN

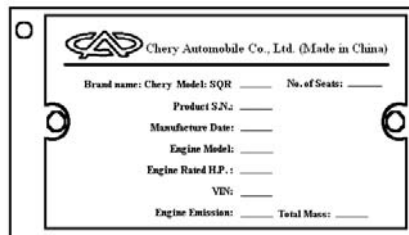
The VIN of Chery Karry is printed on the lower part of roof drip of front wall (as shown in the figure above).

## Engine number

The engine number of SQR480ED series is located on the lower edge of front side of cylinder body (as shown in the figure below).



## Vehicle profile plate



The vehicle profile plate is fixed on the crossbeam of water tank as ex-factory.

## Fuel

### Fuel tank capacity

Gasoline engine: **65L**

The high quality fuel with the fuel grade below, detergent and other additives is available only. The fuel with low grade may damage the engine.

If it is difficult to buy the high quality fuel with additives or when the engine has such faults as start difficult, unstable idle speed, power down and etc., the proper additives shall be added in case of refueling. The fuel additives can prevent the engine from

corrosion and encrustation and clean the fuel system.

The Chery's special service station has the fuel additives authorized by the Chery Company, and the operators in the station are familiar with the use of the additives and the engine encrustation treatment method, and offer you the best service with all our heart.

It is a normal phenomenon that the fizzle sound can be heard when the filler cap opens.

### **93# or above unleaded gasoline (octane value: 93 or above)**

The unleaded gasoline of below 93# grade is unavailable to be used. Otherwise, it may damage the engine, without the warranty.

The vehicle equipped with the catalytic converter uses the unleaded gasoline only.

To prevent the event that the improper grade of gasoline is refueled, the fuel tank adopts the constriction type filler opening design. Only the fuel gun for the unleaded gasoline can insert into the filler opening.

# Capacity & Specification Parameters



If you refuel the leaded gasoline into the fuel tank by accident. **DO NOT** start the engine (even if only a few of leaded gasoline is refueled). Otherwise, the lead contained in the fuel will cause the permanent damage of the catalytic converter. It suggests contacting the nearest Chery's special service station immediately.

## Engine oil

### Replace the engine oil

Please use the Chery's engine oil with the filling amount of 3.9L. To obtain the best performance, please follow the regulation to use.

(Note: the filling amount for new vehicle of new engine is 3.9L in first time, and 3.5L for later maintenance.)



Please **DO NOT** use the additives or engine treating compound unauthorized by the Chery Company. These additives are not only unnecessary, but also may damage the engine in certain cases, without the warranty.

### Refill the engine oil

The Chery's special service station will keep the records for oil-change date and use recommended engine oil. The refilled oil shall be lower than the MAX mark on the dipstick.

For the detailed recommendations or information are required, the Chery's special service station will be pleased to help you.



Please **DO NOT** use the engine oil that does not conform to the specifications and requirements above. The improper engine oil may damage the engine without the warranty.

## Vehicle fluids

Please replace the fluids according to the time interval specified in the Maintenance Manual.

### Transmission oil

Please use Chery's transmission oil only with the filling amount of 2L.

### Power steering oil

Please use the hydraulic oil conforming to the Chery's specification. The Chery's original fluids are available in the Chery's special service station.

### Brake fluid and clutch oil

The Dot 4 brake fluid is available. Refill to the MAX mark as required. The brake fluid without paraffin is available only.

# Capacity & Specification Parameters



In case of heavy load (e.g. it tows a trailer or travels on the mountain road for a long time) replace the brake lining and brake fluid at the same time. Ensure the brake fluid absolutely clean when the fluid is refilled. The entrance of any foreign material into the brake system may result the deprivation of braking performance.

## Coolant

Please use the coolant conforming to the Chery's specifications. Chery's original fluids are available in the Chery's special service station. The coolant capacity is 8 L and anti-frozen capability is -35°C.

## Windscreen cleaning fluid

Fill up the reservoir with the concentrated windscreen cleaning fluid and water (1:20) specified by Chery Company. If the exterior temperature is low, use the windscreen cleaning fluid for winter.

For the proper concentration, please refer to the instructions on the container.



**DO NOT** dispose the empty/waste oil container and cleaner as the household waste. Please use the local authorized water disposal facilities.

## Weight



Please follow the load specified in the Manual (if applicable). **DO NOT** exceed the allowable gross weight, Otherwise it may result the change of braking and manipulating performance, and accidents.

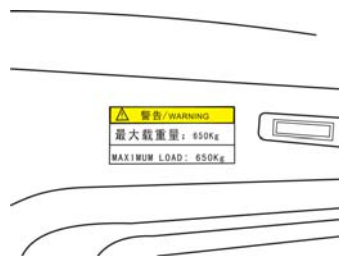
The kerb weight means the weight of vehicle for travel, including coolant, and lubrication oil, fuel tank up to 90%, tools, spare wheel and the driver's weight (75Kg).

The payload is the subtraction of the kerb weight from the allowable gross weight.

The optional fittings and subsequent

additional equipment will reduce the payload.

The maximum load for Karry is up to 650Kg. The warning plate for load limit is at the place over the left rear seat.



### Capacity

Capacity (L)	
Engine oil (New oil cleaner)	SQR480ED: 3.9L
MT	2L
Power steering	MAX mark
Cooling system	8L
Windscreen cleaning system	MAX mark
Fuel tank	65L
Braking fluid/ Clutch oil reservoir	MAX mark

# Capacity & Specification Parameters

## Mass Parameters

Item		Parameter
Model		SQR6460A18/SQR6468A1
Complete vehicle kerb mass (kg)		1,300
Complete vehicle kerb axle-load mass	Front axle (kg)	672
	Rear axle (kg)	628
Max. manufacturer's laden mass (Passengers inclusive) (kg)		650
Max. manufacturer's total mass (kg)		1,950
Axle-load mass at Max. manufacturer's total mass	Front axle (kg)	750
	Rear axle (kg)	1,200
Max. allowable manufacturer's axle-load mass	Front axle (kg)	800
	Rear axle (kg)	1,300
Number of passengers (Driver inclusive) person		7

## Wheel and Tire

### Tire pressure

Check the tire pressure (cold state) before your journey (DO NOT forget to check the pressure of spare tire).

### Tire pressure (cold state) (kPa)

Item	185/70R14-92H	Spare tire
Front Wheel	250 (no-load)	300
	270 (full-load)	
Rear wheel	270 (no-load)	
	300 (full-load)	

### Precautions on tire pressure

- Check the tire pressure at least once each month, especially when the vehicle travels at high speed.
- The pressure value listed in the table is suitable for cold-state

tires. The pressure will increase somewhat after it is heated, but it is unnecessary to be reduced.

- The pressure value in the table shall be increased by 20KPa if the winter tires are used.
- To offer your convenience to find the specified value of inflation pressure, there is a self-adhesive label attached to the inner side of fuel filler cover, which indicates the specified pressure values.

### Tightening torque of wheel bolt

Tightening torque of wheel bolt:  $110 \pm 10 \text{ N} \cdot \text{m}$

### Wheel

Tire	Wheel Rim
185/70R14-92H	6Jx14

## Capacity & Specification Parameters

<b>Engine Data</b>	
Model	SQR480ED
Type	Vertical, Water cooling, Four-stroke, Overhead camshaft, Multipoint electrical control gasoline injection
Displacement ml	1.596
Rated power (Net power) kW	65
Rated RPM r/min	5,500
Max. torque Nm	132
Max. speed r/min	3,000-3,500
Injection method	Multipoint electrical control gasoline injection
Number of spark plug for every cylinder	Single spark plug
Valve number of every cylinder	2
Cylinder diameter mm	79.96
Piston travel mm	79.52
Working volume L	1.596

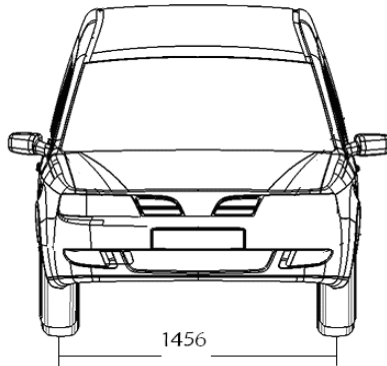
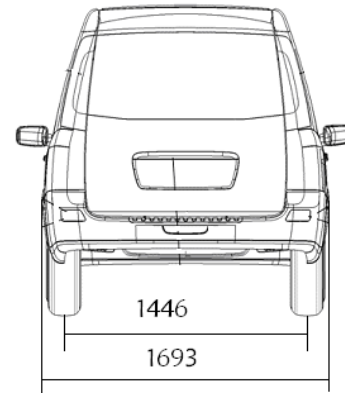
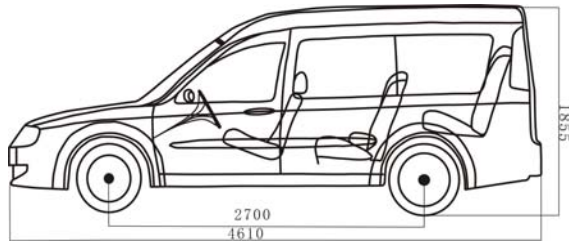


## Capacity & Specification Parameters

Compression ratio		9.75 : 1
Type of combustion chamber		Hemispherical
Ignition sequence		1-3-4-2
Fuel quality (No less than)		RON 93 unleaded gasoline
Engine oil capacity L		3.9 (New oil cleaner)
Engine oil quality		Summer: SAE 10W/30 (SL) ; Winter: SAE 5W/30 (SL)
Start method		Electricity
Cooling method		Forced circulation coolant system
Lubrication method		Compound (pressure, splash) lubrication
Net mass kg		114
Normal working angle of engine	Pitch angle(°)	≤20
	Yaw angle(°)	≤15

The adjustment or check shall begin only at least 5 minutes after the engine stops running.

## Vehicle dimension



## Capacity & Specification Parameters

Item		Dimension (mm)
A= Length (max.)		4,610
B= Full width		1,693
C= Height (Kerb weight)		1,855
D= Wheel base		2,700
E= Wheel tread	Front	1,456
	Rear	1,446
Min. ground clearance		$\geq 135$