

ADVICE

This *Operating Instruction Manual* specifies the agreements between Chery Automobile Co., Ltd. and its customers concerning setting and termination of guaranty liability of product quality and rights and obligations in connection with after service. Be sure to carefully read this *Operating Instruction Manual* before using any product of our company.

Operating Instruction Manual for Chery A1 Series

We cordially congratulate on your having a Chery A1 car! Meanwhile, we heartily thank you for your deep love and concern to our company and our products!

You will receive wholehearted quality services from the Chery Authorized Service Station, of which all the employees have been trained well and specially.

Chery A1 car has advanced technologies and superexcellent performance. Choosing Chery A1 car indicates that you have superior demands to performance and design of a car.

This manual aims at introducing technical characteristics, usage and relevant notices of Chery A1 car.

Please carefully read this manual so that you can get familiar with features of this vehicle as soon as possible, properly use and maintain your lovely vehicle, make the best of its superior characteristics, ensure traveling safety and maintain superior performance of your lovely vehicle, and obtain greatest driving enjoyment.

This manual applies to Chery A1 car.

Chery Automobile Co., LTD.

Jan. 08, 2008

This manual contains the latest information by the date this manual is printed. Chery Automobile Co., Ltd. is fully responsible for the revision and explanation of this manual and reserves the right of changing products without further notice. Some pictures in the manual are the schemes only for references, and in the case of unconformity between objects and pictures, the objects will dominate.

This manual should be placed in your vehicle so that it is available whenever it is needed. In the event that you want to sell your vehicle, please hand over the manual and complete set of documents together with the vehicle to the new owner for their use at necessary moment.

Important declaration

Before operating the products of our corporation, it is imperative for you to seriously read through this manual, for

fear that your rights enjoying services of warranty from our corporation are lost owing to the violation of the operational provisions.

Chery Automobile Co., Ltd. (hereinafter referred to as “The Company” or “Chery Company”) has set technical maintenance specifications for running-in and different stages of a new vehicle, including the first 5,000 kilometers maintenance. These set maintenances are vital to safe use and retention of good running status of your vehicle, so, be sure to follow them.

Any failure of your vehicle or its component and part due to abuse, negligence, improper use, failure to perform the maintenances in accordance with the specified kilometrages/intervals, failure to sign and stamp on maintenance certificate as required, or remolding/adding without authorization, will void your right to lodge a claim. Chery Authorized Service Station will not accept any warranty application directly or

indirectly resulting from such a failure.

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

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

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WISH YOU A HAPPY DRIVING!

此处加目录

CONTENT

CHAPTER ONE BRIEF INTRODUCTION

You should know the followings before reading this manual

Thank you for your purchasing of Chery automobile. To operate your automobile correctly and keep your rights, you should spend some time on reading through this manual seriously.

This manual contains important instructions and tips concerning the routine driving and regular maintenance, and can help you be familiar with the operation of your vehicle. The more you understand your vehicle, the more you can ensure the security and economy of your driving and enjoy your driving.

Any improper operation may damage your

vehicle, meanwhile, it may also void your vehicle's quality warranty right.

Scheduled maintenance to your vehicle will help maintain its performance and second-hand value. With Chery authorized service stations all over the whole country having many service experts, you can be provided with services at any time. Servicemen with each authorized service station, who have been trained specially, can properly maintain your vehicle and its equipment. All spare parts in Chery authorized service stations are also provided by the Chery original works.

Furnishment scope

This manual tells scope of the furnishment that is most possibly to be proposed to install on A1 Series car by the date this

manual is printed, i.e. all standard configurations and optional configurations of A1 Series car. Because part of the furnishment may be supplied in the future or only supplied in certain markets, so, some items in this manual may not apply to your vehicle.

Warning symbols in the manual



When using this vehicle, how to reduce damage to the vehicle and the equipment on it and avoid personal injury? In this manual, answers to this question are included in the comments marked with this triangle warning sign. Please seriously read and obey the descriptions in the notes.

 Equipment marked with asterisk symbol is only fitted on vehicles having certain construction and produced in batch, and is only optional for several vehicle types or vehicles supplied to certain markets.

 In the event that this symbol is seen in your vehicle, you must first of all read the related chapters in this manual before operating your vehicle.

 We must exercise our obligatory responsibility and duty in the environmental protection. To realize this objective, you should take important measures properly operating your vehicle and disposing of cleaning products and lubricating materials in line with laws. In this manual, the tree-shaped symbol is used to highlight this kind of information.

Inspection of new vehicle

Before delivering the vehicle to you, the dealer of Chery has performed inspections to the vehicle as required by Chery Automobile Co., Ltd. The dealer should fill in date of delivery in the column of “Inspection Proof at Delivery” in this manual and stamp its official seal.

The dealer will make clear the performance of the finished vehicle to you according the Vehicle Delivery Card of Chery Automobile and give you the general knowledge of vehicle operation, and the sales clerk and customer will sign.

Running in of new vehicle

Owing to the error of machining and assembling, at the initial period of operation the frictional resistance between each pair of moving parts in new vehicle is much bigger than that in normal condition. The result of running in of new vehicle will produce great influence on the service life and operating reliability and economical efficiency of vehicle, therefore the regulation of running in must be strictly kept in the operation of new vehicle.

Regulation of running in within 1,000 km:

- Driving at full speed is absolutely

prohibited.

- Driving at the speed in excess of 100 km/h is usually not allowed.
- Driving at the maximum speed for each gear should be avoided.

Regulation of running in within the range of 1,000-1,500 km:

- Driving speed can be gradually increased to the maximum, or engine operates at its allowable highest revolution.

Attentions should be paid after the period of running in:

In the case of driving the vehicle fitted with engine tachometer, the allowable

maximum revolution of engine is 6,000 r/min in a short time. While shifting gear manually, the vehicle must be shifted to the neighboring high gear at latest before the needle of tachometer is in the red indicative range.



Engine should be avoided to operate at unnecessary high speed. It should be shifted to the high gear as early as possible in favor of saving fuel and decreasing operational noise and helping to reduce environmental pollution. While in driving, the engine is also unfavorable with too low revolution. It should be shifted to the proper gear at proper time.

With cold engine, whether in NEUTRAL or running gears, do not let engine work at maximum revolution state.

A new tire has no optimal adhesive force

when first used. Therefore, a new tire requires running-in; when traveling in first 100 kilometers, drive slowly and take extra care and precaution.

New brake lining is also required to run in. In view of the fact that within the driving of first 200 km, brake cannot produce ideal friction with slightly bad braking effect, brake pedal can be depressed with moderately violent force. In this stage, if damping-effect is a little poor, increase pressure on pedal properly. Such case also applies to each replacement of brake lining afterwards.

Wheel nuts of new vehicle must be tightened to the specified torque over again after driving for 800 km. The torque value is specified in the chapter of "Parameters of Specification" of this manual. Likewise, in the event that wheel



has ever been replaced or wheel nuts have ever been loosened, they must be tightened to the specified torque once again after driving for 800 km.

Person-to-person service

In order to provide you with better service and vehicle, the dealer of Chery will designate a service consultant to serve you. If you have any problem during use of the vehicle, please contact your service consultant and he/she will provide you with top-quality service.

BRIEF INTRODUCTION

Inspection Proof at Delivery

This vehicle has passed the delivery inspections in accordance with the provisions of Chery Automobile Co., Ltd. This is to certify that the quality of the vehicle complies with the technical specifications of Chery Automobile Co., Ltd.

Date of delivery: _____

Seal of Dealer:

Name of owner of the vehicle (organization) Name of the service station in charge

Address _____ Person in charge _____

Documentation of the vehicle

Date of Delivery:

Seal of the dealer

Vehicle Type

VIN code on body

Engine No.

Transmission No.

BRIEF INTRODUCTION

Sales delivery card of Chery vehicle

Category	No	Item	Passed inspections and made clear?	
Performance of complete vehicle	1	Engine	Yes ☐	No ☐
	2	Engine oil, brake fluid, steering fluid, coolant, electrolyte, windshield washer fluid	Yes ☐	No ☐
	3	Identification of VIN Code, engine No., nameplate etc.	Yes ☐	No ☐
	4	Lockset, keys and remote controllers of the whole vehicle.	Yes ☐	No ☐
	5	Complete set of vehicle lights including headlamp, turn signal light, fog light, combination lamp, interior light, stop light, backup lamp, tail light, reading light, door light and instrument lamp.	Yes ☐	No ☐
	6	Glass and body paint surface of the whole vehicle.	Yes ☐	No ☐
	7	Speedometer, engine tachometer, odometer, water temperature gauge, and fuel gauge.	Yes ☐	No ☐
	8	Wheel cover, spare tire, driver tools and operating instruction manual of the complete vehicle.	Yes ☐	No ☐
	9	Seat belt, seat, cigarette lighter, A/C switch and ventilator, glove box and sun visor.	Yes ☐	No ☐
	10	Window regulator, rear view mirror, wiper, washer, horn, audio system, and antenna.	Yes ☐	No ☐

BRIEF INTRODUCTION

General knowledge of use	1	No.93 gasoline.	Yes ☐	No ☐
	2	Normal operation in run-in period.	Yes ☐	No ☐
	3	Operation of complete set of vehicle lights.	Yes ☐	No ☐
	4	Meanings of warning light.	Yes ☐	No ☐
	5	Correct maintenance time and mileage.	Yes ☐	No ☐
	6	Items of vehicle maintenance in winter/summer.	Yes ☐	No ☐
	7	Proper understanding of cooling system and use of coolant.	Yes ☐	No ☐
	8	Correct operation of A/C.	Yes ☐	No ☐
	9	Precautions while starting vehicle.	Yes ☐	No ☐
	10	Correct operation of audio.	Yes ☐	No ☐
Signature of the sales person: _____ Date: _____ Signature of the customer: _____ Date: _____				

“Person to Person” Consultant Service Card (Service Station)

Name of Customer: Date of Purchase:
Dealer of Sale Service: Model:
VIN No. of Vehicle:

Followings are to be confirmed by customers.

I. Confirmation of matters related to the delivery of vehicle (In the case of “Yes”, mark with “√”, otherwise with “×”).

- ☐ Basic usage of the vehicle has been introduced; on-site delivery inspections have been performed and the results are acceptable.
- ☐ Have introduced the policy of warranty.
- ☐ Have introduced the precautions of driving.
- ☐ Have introduced the importance of regular maintenance on vehicle and maintenance interval of time/mileage.
- ☐ Have informed the importance of maintaining and servicing vehicle at the Chery authorized service station.
- ☐ Have delivered the user’s manual and reminded the customer to

read it.

- ☐ Have informed the function and operational method of the hotline of Chery customer service.

II. Description of “Person-to-Person” advisory service mode (In the case of “Yes”, mark with “√”, otherwise with “×”).

- ☐ If the customer has problem and demand, just contacts the service advisor instead of other persons.
- ☐ The service advisor is the only person designated by the service station to communicate with customers.
- ☐ One customer just accepts services from one responsible service advisor: “Person-to-Person”.

In the event that the customer is not satisfied with the service advisor, he can choose another service advisor.

III. Description of main job of service advisor (In the case of “available”, mark with “√”, otherwise with “×”).

- ☐ Reception of maintenance service
- ☐ Acceptance of complaint
- ☐ Follow-up visit reminder of scheduled maintenance
- ☐ Solutions to consultations in service/maintenance

BRIEF INTRODUCTION

- ☐ Regular greeting follow-up visit
- ☐ Acceptance of reserve of service/maintenance
- ☐ Follow-up visit reminder of service activity
- ☐ Reminder/acceptance of yearly audit
- ☐ Greeting on important festival
- ☐ Other affairs the customer demands

IV. Relationship establishment of “Person-to-Person” advisory service

Business car of the service consultant

Signature of the customer/date:

Signature of the service consultant/date:

First document

For filing of the service station

“Person to Person” Consultant Service Card (Customer)

Name of Customer: Date of Purchase:
Dealer of Sale Service: Model:
VIN No. of Vehicle:

Followings are to be confirmed by customers.

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☐ Follow-up visit reminder of service activity ☐

Reminder/acceptance of yearly audit

☐ Greeting on important festival

☐ Other affairs the customer demands

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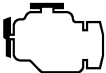
Business car of the service consultant

Signature of the customer/date:

Signature of the service consultant/date:

Second document For filing of the customer

Descriptions of common symbols on the vehicle

Code	Definition	Code	Definition	Code	Definition
	Engine failure warning light		ABS trouble warning light		Indicator light of position lamp
	Disabled button of window regulator switch		Transmission trouble warning light		Low oil pressure warning light
	Indicator light of rear fog lamp	EPC	Electronic throttle trouble warning light		Over-high coolant temperature warning light
	Indicator light of front fog lamp		Cigarette Lighter		Tire pressure warning light
A/C	A/C system switch		Brake system trouble warning light		Opening switch of luggage boot door

BRIEF INTRODUCTION

Code	Definition
	Battery charging indicator light
	Indicator light of high beam
	Indicator light of low beam
	Headlamp switch
	Parking brake indicator lamp
	Lock

Code	Definition
	Seat belt reminder warning light
	Hazard warning light
B+	Battery positive
	Air bag trouble warning light
	Low fuel level warning light
	Heating rear windshield

Code	Definition
	Windshield washing
	Mark of horn button
	Distance display of reversing radar
	Windshield defrost/demist
	Left turn signal light
	Outside air circulation

BRIEF INTRODUCTION

Code	Definition	Code	Definition	Code	Definition
	Unlock		Interior lamp switch		Inside air circulation
	Door closing reminder warning light		Air Bag		
	Vehicle maintenance warning light		Right turn indicator light		

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CHAPTER TWO INTRODUCTION OF DRIVING

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Start

PREPARATION BEFORE STARTING

The engine's starting is controlled by an electric control system.

When starting an electronic injection engine, do not push down the accelerator pedal before and during the starting. Use the accelerator pedal only when it is difficult to start the engine. For more information about the car's starting, see "Starting" in this chapter.

The engine's long high-speed racing could cause the engine and its exhaust system to overheat and has chance to cause fire and other damages. Therefore, do not park on the ground with hay or other dry

The tail gas exhausted from the vehicle is toxic, so, do not start a car long in an in-closed garage or other closed places. Be sure to open the door of the garage before starts the engine. See "Beware of the Car's Exhaust Fume" for more information.

SAFETY NOTICE

The engine's idle speed RPM is controlled by an electric control system. The engine starts with a higher idle speed RPM so as to raise its temperature. The idle speed RPM should automatically fall after the engine reaches a proper temperature. Deliver the car to Chery Authorized Service Station for repair if the idle speed RPM could not fall automatically. Do not let engine run for more than 10 minutes at a speed higher than specified idle speed.

MATTERS CONCERNED BEFORE STARTING YOUR VEHICLE

INTRODUCTION OF DRIVING

- Be sure that all passengers tie the seat belts properly. See the chapter “Seats and Safety Device” for more information about seat belt and its proper usage.
- Be sure that the headlight and other electrical accessories are OFF.
- Make sure handle of hand brake has been pulled up.
- Be sure that the selector lever is in NEUTRAL.
- Turn ignition switch to the “II” position other than the “III”.

If there exists resistance turning the key, turn the steering wheel left and right until the key could turn freely. This occurs probably due to the following reasons:

- The front wheel deflexion.
- The front wheel hits the curb.
- The steering wheel is turned when

getting into or out of the car. (the steering wheel self-locks).

- Be sure that the warning light on the dashboard shine short time while turning on the ignition key. If not, deliver the car to Chery Authorized Service Station for repair.

The warning light will not shine with the driver’s seat belt fastened before turning on the ignition key.

THE ENGINE’S STARTING

1. Turn the ignition switch to the “III” position without stepping on the accelerator pedal; release the key immediately after the engine starts, then the key will return to the “II” position.
2. If ambient temperature is above -12°C and the engine fails to start within 5 seconds for the first start, turn the key to the “B” position and wait 10 seconds before another try.
3. If the temperature is below -12°C and the engine fails to start within 15 seconds for the first start, turn the key to the “B” position and wait 10 seconds before another try. If the engine fails to start in successive two tries, push accelerator pedal to floor and hold, then turn the key to the “III” position. After the engine starts, release the key, and then release the accelerator pedal slowly as the engine's RPM rises.
4. Run in idle speed a few seconds after the engine starts, and then push

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down the clutch, shift to the running gear, release the hand brake to get ready to run.

5. The ambient temperature conditions applicable to normal start of the engine is -25°C - 40°C (when the ambient temperature is beyond this range, other abnormal situations may appear).

BEWARE OF THE CAR'S EXHAUST FUME

Though the vehicle's exhaust fume only has small toxicity, it contains carbon monoxide, the poison which you must beware of. Some compositions in the engine's exhaust gas and chemicals

contained in or generated by some automotive parts may be carcinogenic or cause neonate defects or other genital system damages.

If it smells peculiar like exhaust fume inside the car, ask the personnel from Chery Authorized Service Station to repair the car. Do not continue to drive because the exhaust fume contains poisonous content that may endanger life.

In the following cases, check exhaust system and body ventilation system of the vehicle.

- Lift the car to examine and repair it.
- The sounds of the exhaustion system

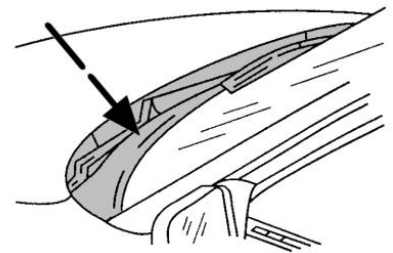
change.

- The car is damaged by collision.

NOTICE OF VENTILATION

Open the car's windows with a gap more than 2.5cm when parking long in idle speed in an open area. Or use the ventilation function of the car's air conditioning system to let fresh air into the car.

Air vent



INTRODUCTION OF DRIVING

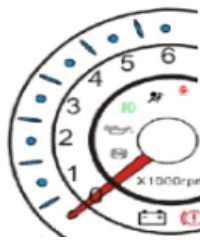
Clear away snow, fallen leaves and other foreign materials blocking at air inlet to ensure ventilation effect of the vehicle.

SELF-ADAPTING ABILITY OF THE ENGINE'S CONTROL SYSTEM.

If the battery cable has been removed from the accumulator, the car may present itself some abnormal phenomena in the initial stage of running after the cable be reconnected. This is normal in that the engine's control system is re-studying to adapt the engine.

CONFINING THE ENGINE'S RPM

To protect the engine, its RPM is confined by an electronic unit (ECU).



ENGINE STALL

Release the accelerator pedal. Wait until the engine's RPM falls to idle speed, and then turn off the ignition switch.

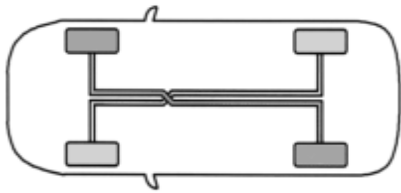
Do not push down the accelerator pedal before turning off

Do not turn off the engine immediately when parking after a long time high-speed running, and leave the engine continue to run two minutes at a RPM higher than the idle speed RPM so that the engine's temperature can fall gradually.

The engine's temperature will remain high after you turn off the ignition switch and the engine stalls, so let the electronic cooling fan of the radiator continue to run about 10 minutes. Even if the cooling fan stops, it may run again suddenly because of high temperature. Therefore, when working beside the engine, extra care must be taken.

INTRODUCTION OF DRIVING

BRAKING



DUAL CIRCUIT BRAKING SYSTEM

You vehicle is equipped with an X-shape dual-circuit brake system. In case one of the two circuits fails, the other circuit can still maintain effective operation.

When one braking circuit fails to work, you need to apply larger force on the brake pedal when braking and the stopping distance will also be longer. Deliver the car to Chery Authorized Service Station for repair when this occurs before your journey.

LOW BRAKE FLUID LEVEL ALARM

If the “” trouble light on dashboard constantly lights when ignition switch is set to the “II” position, it indicates a failure in mechanical part of brake system or low brake fluid level.

Check the liquid level of the brake fluid at regular intervals as required.

If brake fluid level is found too low, immediately add brake fluid to maintain its level between MAX and MIN and send your vehicle to Chery Authorized Service Station for inspection of brake system.

INTRODUCTION OF DRIVING

OPERATION DESCRIPTION FOR THE BRAKING SYSTEM

It is normal for the braking system to generate some noises occasionally. But, if it make sounds like grinding between metals or screams, the brake discs may have been heavily worn and need to be replaced. Now, deliver the car to Chery Authorized Service Station for repair.

Deliver the car to Chery Authorized Service Station for repair if there are consecutive chattering or vibrations being transferred to the steering wheel when braking.

A new brake lining must go through a running-in before reaching its optimal braking effect. The braking-effect will fall

a little in the initial 200 kilometer. In this case, apply larger force on the pedal properly to compensate the braking-effect. This point also applies to the new brake lining replaced.

Wear status of brake lining depends greatly on operating mode and driving method. For a vehicle mainly used in urban traffic, the working conditions of its brake linings is very hard; therefore, be sure to send your vehicle to a Chery Authorized Service Station to check the thickness of the brake linings or replace them at the specified maintenance kilometrage.

When running downgrade, shift to a lower gear timely to make full use of the engine's braking action for reducing the load of the braking system. At this time, do not keep pushing down the brake pedal

even braking is needed.

Damping brake disc may reduce the braking efficiency. After driving through water, rainstorm or car washing, push brake pedal gently to make brake disc and brake lining rub to generate heat, which will evaporate the water and restore the braking effect.

Be sure to make air flow to the front brake unblocked if the front spoiler is mounted on the body, otherwise, the braking system may overheat or reduce its braking efficiency due to bad abstraction of heat.

BRAKE BOOSTER:

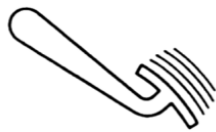
The brake booster is controlled by the engine vacuum, and the unit works only when the engine is working. Therefore, be sure not

INTRODUCTION OF DRIVING

ANTILOCK BRAKE SYSTEM ABS()

ABS can avoid the wheel sticking*. It can even make the car hold turning ability during emergency braking, which allows you to avoid the obstructions.

ACTIONS OF ABS



ABS only functions during service braking. When braking, the brake pedal's pulsating accompanying with noises indicates that ABS is working, and the pulsating and noises are normal. At this time, do not release the brake pedal.

UTILIZING ABS TO BRAKE

Keep pushing down the brake pedal in full force in emergency may start ABS immediately, which allow you to control the turning and avoid the obstructions where enough space is available.

We recommend you firstly getting familiar with this brake technique, but avoid taking any unnecessary risk.

In case the brake booster is unable to work because of the vehicle's being towed or self failure, apply a larger force on the pedal to compensate the booster's effect.

Each pedal could be pushed down to the floor and could restore fully and move freely.

Therefore, do not lay foot pad or other coverings on the floor around the pedal. If indeed necessary, be sure that the foot pad laid will not hinder the movement of the pedal and will not slide itself.

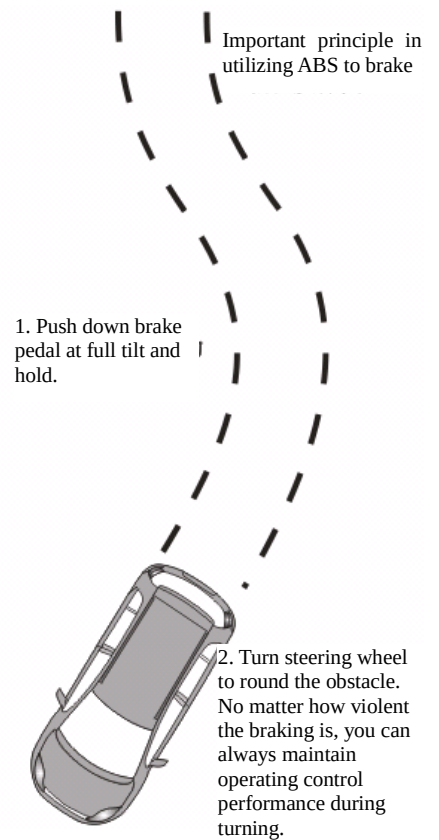
Though ABS can ensure the optimal damping-effect, the stopping distances may vary greatly with traffic surfaces. ABS can not always ensure to reduce the stopping distances on all road surfaces. For example on sands or snow the

INTRODUCTION OF DRIVING

SELF-CHECKING OF ABS

ABS will perform self-checking after the vehicle starts. It is normal that you can hear some mechanical noises during this course.

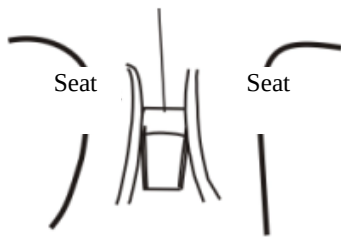
During traveling, if ABS warning lamp is found to light, it indicates a failure in circuit part of



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HAND BRAKE

Handle of hand brake



After parking, strain the hand brake upwards to prevent car sliding due to neglect.

Pull up the handle of hand brake before leaving the car.

When pulling up hand brake with ignition switch turned on, the parking brake indicator light will light. To apply hand brake, pull its handle up.

To release hand brake, slightly pull its handle, press down the release button under the handle and just push the button down.

The hand brake applies action on the rear wheel. Push down the brake pedal while pulling up the hand brake, which will facilitate the hand brake's pulling up.

OPERATIONS OF MANUAL TRANSMISSION

Methods and notices for use/operation:

- When shifting gear, fully apply clutch pedal and then control shift lever to shift gear after separating transmission input shaft from engine power.
- When the vehicle runs downhill or makes a turn, please shift into some

low gear and it is not allowed that the vehicle coasts under the condition that the clutch is released.

- When transmission shifts from lower gear to higher gear, do not perform gear-jumping, otherwise life of synchronizer will be shortened.
- No flap (i.e. rapid push and release) is allowed for gear shifting and you shall hold the shift lever all the time during the procedure so as to considerably reduce the sliding friction time of synchronizer locking ring as well as their wear and tear.
- During the driving, you shall not put your hand onto the gearshift lever; otherwise it will cause the shift forks to be rapidly worn.
- If the transmission sends out any abnormal sound, it is obviously

INTRODUCTION OF DRIVING

difficult to control the shift lever, etc. during its use, you shall immediately stop and check the vehicle. You can drive again only after the troubleshooting.

TURNING

To avoid damages to power steering system:

- Do not stick the steering wheel (turn to the left or right dead point) more than 10 seconds when the engine is running.
- Fill up the power steering fluid once its liquid level is under MIN mark in its reservoir. Do not drive the car before filling up.

The car will lose the turning booster force when the power steering system breaks

down or the engine stalls. You can still turn the steering wheel, but larger force is required.

Check the following if the car wanders or swings:

- If pressures of the front two tires are identical
- If the wearing status of the tires is uniform
- If some suspension components are loose or wearing
- If some turning parts are loose or wearing
- If the tires are positioned properly

It is not allowed to disconnect the high voltage lead from the coil to check the working status of the engine or observe the spark jump status of the spark plug by the method of fuesingle cylinder, otherwise, it may spoil the three way catalytic converter.

DRIVING THROUGH WATER

If the car needs to drive through water, drive carefully and slowly especially when you do not know the water situation. Do not go on driving if the water may submerge the wheel hubs.

When driving through water, both the

INTRODUCTION OF DRIVING

car's traction and braking performance will fall and the car also may flameout.

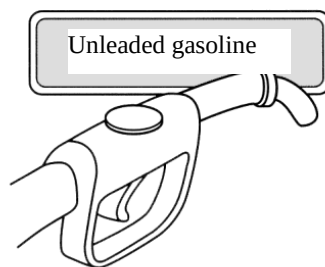
If the water enters the intake pipe of the engine, it will cause great damages to the engine. In case of deeply driving through water, the water may enter the transmission gear from the vent hole and spoil the transmission.

Be sure to drive slowly and slightly push down the brake pedal several times to remove the water on the brake after driving through water. The water on a brake will make braking performance of the brake fall.

THREE WAY CATALYTIC CONVERTER

The three-way catalytic converter helps reduce exhaust gas pollution.

The gasoline engine car is equipped with narrow-necked filler, which can only accommodate the compressor gun of lead-free gasoline.



If the engine keep running, the three way catalytic converter will become very hot, therefore, wear on a protective glove during maintenance to avoid scald.

DRIVING A CAR EQUIPPED WITH A THREE WAY CATALYTIC CONVERTER

INTRODUCTION OF DRIVING

Drive the car at a lower speed to the nearest Chery Authorized Service Station if the engine mis-ignites or its performance falls when running. Be sure not to drive at a high speed.

Avoid any cases that may cause unburned or partly unburned fuel enters the three way catalytic converter, especially when the engine is overheating.

AVOID THE FOLLOWING CASES:

- Run out of fuel.
- Unnecessarily start the engine long.
- When engine is working, let it run with one or more spark plugs

removed.

- Start the car whose engine is still in the working temperature by pushing or towing.
- Turn off the ignition switch when running.

PARKING

Do not park your vehicle on dry tree leaves or hay. There exists chance of fire even the engine is turned off because the exhaust gas will still emit relatively large heat in a short time.

Be sure to turn off the ignition switch before leaving the car. Do not let the engine run with nobody inside the car. Your car may move by chance to cause personnel injury or property damage if you neglect this point.

PROTECTING THE CHASSIS

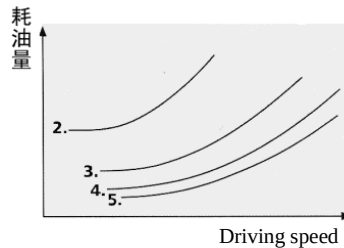
Your car is equipped with a heat shield. Do not apply any painting dressing on the body of the heat shield, exhaust pipe or three-way catalytic converter or its vicinity area. Do not remove the heat shield.

INTRODUCTION OF DRIVING

FUEL CONSUMPTION

FUEL CONSUMPTION DEPENDS ON THE FOLLOWING FACTORS:

SPEED AND THE GEAR SELECTED



The above chart indicates how the fuel consumption is affected by speed and the gear selected. keeping in lower gear to improve the acceleration quality may obviously cause rise of fuel consumption.

DISTANCE OF RUN/TEMPERATURE OF THE ENGINE

Frequently cold starting and short distance driving may obviously make the fuel consumption rise.

TRAFFIC AND ROAD STATUS

Traffic jam, upgrade, many bends and rough surface will all throw adverse impact on the fuel consumption.

GOOD DRIVING HABIT

Forecast the dangers and keep a safe driving distance with the vehicle in front. This will not only reduce the fuel consumption but also the wearing of the brake and its noises.

LOAD CONDITION OF THE CAR

Increasing the load of the car may cause rise of fuel consumption.

INTRODUCTION OF DRIVING

TECHNICAL CONDITION OF THE CAR

Under the pressure of tire or the poor maintenance of the engine, the car will also cause the fuel consumption.

KEY POINTS FOR FUEL-SAVING DRIVING AND ENVIRONMENTAL PROTECTING:

- Drive with fuel-saving and use additional electric load only when necessary.
- Start without pre-warming the car.
- Push down the accelerator pedal smoothly.

- Shift to the next higher gear as soon as possible to obtain a higher engine revolution.
- Forecast the traffic status.
- Close the air conditioner and the heating unit for rear windshield immediately when unnecessary.
- Regularly check or adjust tire pressure.
- Perform scheduled maintenance and preferably ask the professionals from Chery Authorized Service Station do it for you.

RADIATOR FAN

The radiator fan is an electrodynamic one and its working status is controlled by ECU of the engine. The switch will automatically turn on the fan circuit when

the coolant or engine compartment reaches a certain temperature.

After parking and turning off the engine, the radiator fan will continue to run a period of time (about 10 minutes) because the engine is still in a superheating status and it will stop running until the engine cools to a certain temperature. Even so, the fan may start suddenly due to temperature rise of the engine compartment caused by temperature of outside surroundings (under isolation or in high temperature region). Therefore, be careful when working in the engine compartment to avoid any accidents!

INTRODUCTION OF DRIVING

Explanation:

If the fan fails to run after the temperature of the coolant reaches the starting temperature of the fan, check the fuse of the fan for blowing out, and replace the

fuse if necessary. If this does not work, find out other causes.

The RPM of the fan is independent to that of the engine and shifting to a lower gear will not increase the cooling effect of the fan. Therefore, need not to shift to a lower

gear when the engine runs smoothly and its speed does not fall obviously when climbing.

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

CHAPTER THREE INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

I. INTRODUCTION OF FUNCTIONS OF THE VEHICLE

STEERING WHEEL LOCK & IGNITION SWITCH



The operational positions of key for the combined type steering wheel lock/ignition switch are detailed in the

following:

“B”-ignition switch is turned off and steering wheel is locked.

When pulling key out of ignition switch, lock steering wheel.

To lock the steering wheel, turn it once after pulling out the key until a click indicating lockup of the steering wheel is heard.

“I”-unlock position steering system. The circuits of electrical accessories are turned on and the small electrical appliances inside the vehicle such as radio, power windows and headlamps can be operated, but ignition system and other main electrical circuits are power off.

In the event that the key cannot be turned from LOCK position to this position or can be done with much efforts, the

steering wheel can be slightly turned back and forth, thus the steering wheel locking mechanism can be unlocked.

“II”-ignition circuit is turned on and all electrical circuits can work. The alarm lamp and the indicator light will light. This position is normal for driving and indispensable to trailing.

“III”-position for starting and ignition. Starting circuit and ignition circuit are turned on to start the engine.

With the key at this position, the headlamps and electrical equipment with heavy load are all in the condition of open circuit.

Ignition switch has a built-in anti-restarting device. Once the engine starts, this device can prevent starter from starting by error, thus avoid damage to the starter and flywheel of the engine.

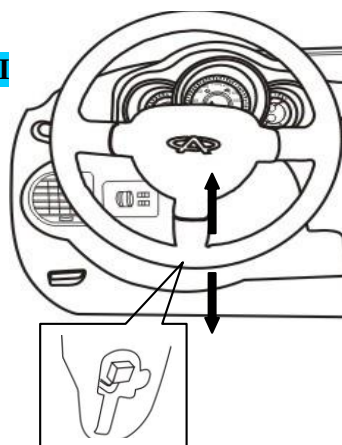
INTRODUCTION OF FUNCTION

If fail to start, the ignition key must be turned to position “B” before restart, and then turn it to this position. After the engine starts, release your hand and the key will spring back to the “II” position.



Once the engine starts, be sure to release the key immediately. Do not stay at the “III” position too long.

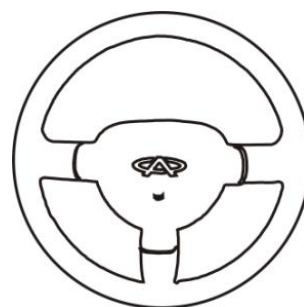
ADJUST STEERING WHEEL



To drive your car safely and comfortably, sometimes the height of steering wheel needs to be adjusted. At this time, pull the adjusting handle under steering column cover down to release it, and then the steering wheel can move up and down. After the steering wheel has been adjusted in place, pull the adjusting handle up to locking position to lock position of the steering wheel.

FUNCTION OF INDICATIONS OF THE VEHICLE

Horn



Push the push-pad marked with “” on the steering wheel down and the horn will flute immediately. While the ignition switch is off, the horn can still be operated.

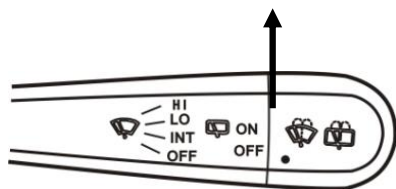
WINDSHIELD WIPER & WASHING SYSTEM



INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

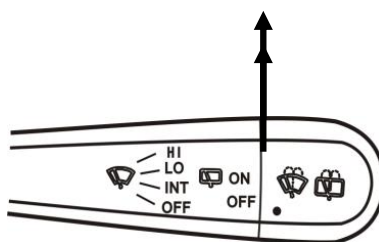
Only by placing the ignition switch at ON position can the wiper motor operate. The front wiper has four positions; when not in use, it stops at OFF position.

INTERMITTENT WIPE



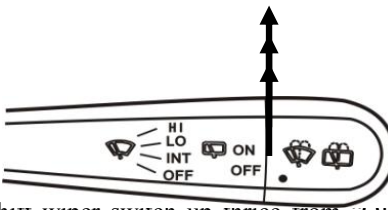
Shift wiper switch up once from “OFF” position to “INT” position.
At intervals, the wiper will scrape on the windshield for several times.

REGULAR WIPE



Shift wiper switch up twice from “OFF” position to “LO” position.

HIGH-SPEED WIPE



Shift wiper switch up thrice from “OFF” position to “HI” position.



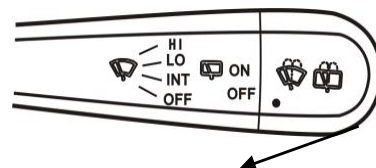
In cold season, be sure to check if wiper blade is frozen to windshield before using wiper. If so, be sure to thaw it first before using, otherwise wiper motor may be damaged.

Operating wiper with such obstacles as snow etc. on windshield may also damage wiper motor.

Before operating wiper, please clear obstacles away first.

Do not operate wiper on dry windshield, otherwise glass may be scratched and permanent damage may be made to wiper blade.

WATER-JET SWITCH



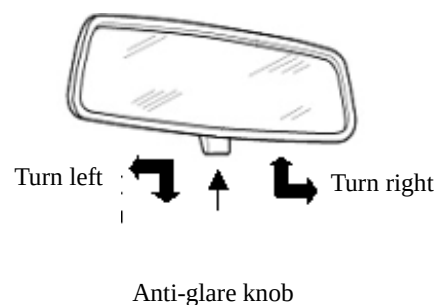
INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

Pull switch lever towards the steering wheel and let it stay there; washer fluid will eject from the ejection nozzle in front of the windshield, meanwhile, the wiper will act; after the switch lever is released, water jet will stop right away but the wiper will still act for several times.

Operation of the wiper on rear windshield: turn the white dot on water jet switch to the "ON" position and the rear wiper will start to work but will not spray water; then push the wiper switch forward to its extreme position and hold, rear ejection nozzles will spray water at the same time. In case the white dot on water jet switch is not at the "ON" position, push the wiper switch forward to its extreme position and

then the rear wiper ejection nozzles will also spray water and the wiper will act consecutively; at this time, let go of the wiper switch, the ejection nozzles will stop spraying water and the wiper will stop after several scrapes.

INTERIOR REARVIEW MIRROR



When driving at night, if you want to reduce glare, turn the adjusting knob leftwards or rightwards to adjust angle of rear view mirror. When turning the knob leftwards, the rear view mirror will turn a certain angle down; when turning it rightwards, the rear view mirror will turn a

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

certain angle up.

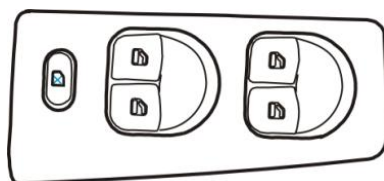
Sun visor



The sun visor can be unfastened by loosening the retaining clip and be turned to the side window.

The left sun visor can be opened to store such articles as traveling certificate and invoices of bridge toll and road toll. After opened, the right sun visor has a mirror for your use.

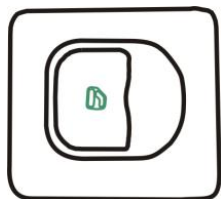
CONTROL SWITCH ON DOOR



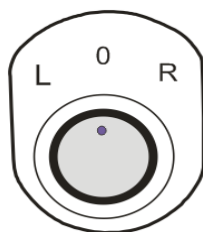
The window control switches on left front door are respectively the switches for left front, right front, left rear and right rear power windows and the safety switch for rear window

INTRODUCTION OF FUNCTION

REAR SEAT POWER WINDOW SWITCH



ADJUSTING SWITCH OF EXTERIOR REAR VIEW MIRROR



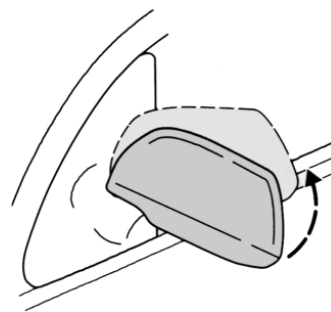
The exterior rear view mirror can be regulated through the adjusting switch at driver side. The adjusting switch can only work after ignition switch has been turned to the "II" position.

The exterior rear view mirror at left side can be regulated by turning the adjusting switch counter-clockwise to the "L" position; the exterior rear view mirror at right side can be regulated by turning the adjusting switch clockwise to the "R" position.

When the control switch is turned left or right to the proper position, pushing the switch foreword, backward, leftward and rightward can respectively adjust the position of mirror surface upward, downward, leftward and rightward. The

OPTION OF INDICATIONS OF THE VEHICLE

switch should be turned to the mid position once more after the proper adjustment.



If necessary, for example, in a narrow space, you can pull the exterior rear view mirror by hand and fold it back for about 90°. To restore it to original position, directly pull the exterior rear view mirror outwards for a certain angle and it will automatically return.

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

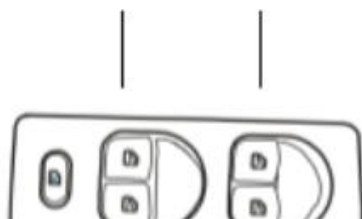


The object image in exterior rear view mirror looks a little smaller and farther than that of the actual object. Take care not to overestimate actual distance of the object.

POWER WINDOW

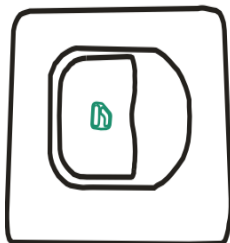
Left Front Door

Left rear window switch Left front window switch



BACK DOOR

Rear power window switch



The power window can operate only when

the ignition switch is at ON position.

All windows can be operated through the window regulator control switches on their respective door interior trim panels.

The window can be opened or closed by depressing or raising its control switch. During the ascending or descending of window glass, if the switch is released, the window glass will stay at the current position.

The window lift control switch has delay function, namely, it can still operate within 60 seconds after pulling out the key.

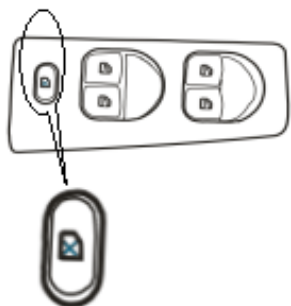
The glass switch of each door has touching function when the door window is falling, i.e. the glass can automatically fall to bottom after you touch the falling switch for 300ms and then let go of it.

The control switches of other three windows are available on the door trim

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

panel at the driver's side besides the control switch of the window at the driver's side.

REAR WINDOW SAFETY SWITCH



There is also a safety switch button on the lifting control switch for left front door window glass. Pressing down this button can disable the power window switches on right front door and the two rear doors.

Now, only the switch at the driver's side can control the opening and closing of its corresponding window.



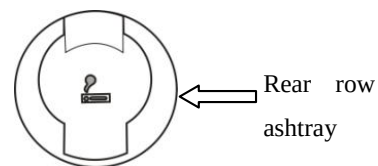
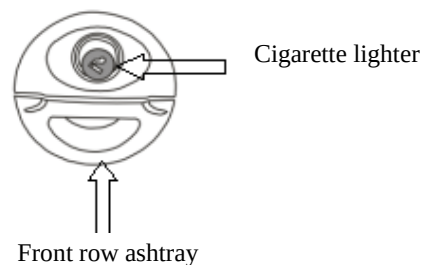
When the window is being closed, take care! Attention should be paid to the observation in case accidents of injury occur.

ASHTRAY AND CIGARETTE LIGHTER

The front ashtray is located in front of the shift lever on central console; put the ashtray outwards to use it; to empty the ashtray, take it out and then dump the offal into a garbage can. The rear ashtray is located behind handle of hand brake on

auxiliary instrument desk.

The cigarette lighter is located exactly above the ashtray; to use the cigarette lighter, press it in and wait for it to automatically eject.



INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

The rear row ashtray can be directly taken out upwards at full tilt; after the ashtray is taken out, its saddle bore can serve as a cup holder.

CUP HOLDER



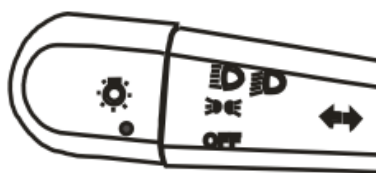
The cup holder is located between A/C control panel and cigarette lighter.

To open the cup holder, press it down and then release; to hide the cup holder in the central console, press it down to bottom and then release.

LIGHTING CONTROL

While operating the following lighting equipment, please abide by relevant traffic regulations.

Headlamp switch



OFF - exterior lamps are turned off

Side Light:

When headlamp switch on combination switch is turned to the "I" position, i.e. the "Small Light" position, front and rear position lamps and the license plate lamp will be turned on at the same time.

Noctiluence adjustment:

After small light is turned on, the noctilucence illumination for instruments, audio, A/C and switches will light; by operating the backlight adjusting switch "

", brightness of interior backlight can be adjusted.

Low beam light:

When headlamp switch on combination switch is turned to the "II" position, i.e. the "Low Beam Light" position, the low beam light will light.

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

Switch between High Beam/Low Beam of Headlamp



When headlamp switch is at the “Low Beam Light” position, i.e. the low beam light is turned on, pull the handle forward to get over the stress point and shift in high beam. When high beam is turned on, the high beam indicator light in the instrument will also light. Moving the handle towards the steering wheel to its original position can return to the low beam lamp.

FLASHING OF HEADLAMP



During driving, if it is necessary to flash the headlamp, just moving the handle towards the steering wheel to the resistant point, and then release the handle to make it auto return. Repeating this operation can flash the headlamp continuously.

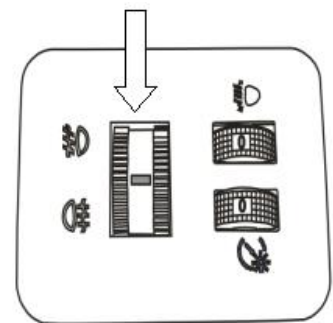
Low Beam Electric Control Switch (*)



It locates at right side of fog lamp switch;

through the adjusting knob, height of light beam of low beam light can be controlled. There are four figures-“0, 1, 2, 3” on the knob; while dialing from 0 to 3 in turn, light beam of the low beam light will become lower and lower. Note that you should dial one figure at intervals of 1 minute or so when using. If you dial too quickly, the electric control switch may not work.

Front and Rear Fog Lamp Switches



INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

headlamp switch first (at the “I” position or the “II” position). Front fog lamp must be turned on first before turning on rear fog lamp.

When front fog lamp lights, the indicator light “” in the instrument will also light.

Front fog lamp switch and rear fog lamp switch locate on the instrument desk at lower left of the dashboard; when headlamp switch is at the “I” position or “II” position, push the knob down for one grid, the front fog lamp will be turned on first and it will light, meanwhile, the icon of front fog lamp will also light. Push the knob further down for one grid, the rear fog lamp will be turned on, meanwhile, the front fog lamp will also light.

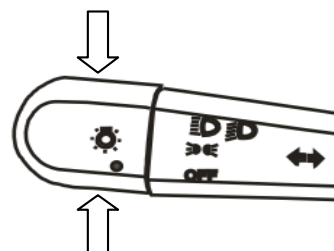
What should be reminded of is: to turn on the front fog lamp, be sure to turn on

Generally, the front fog lamp is used only in such cases when visibility is badly affected, for example, in foggy, snowy or rainy days.

When rear fog lamp is turned on, the indicator lights “” and “” in the instrument will light at the same time.

Considering the rear fog light dazzles strongly, operating this light is allowed only under the condition of much low visibility.

Turning Signal Lamp



Only with the ignition switch on can the turn signal light works.

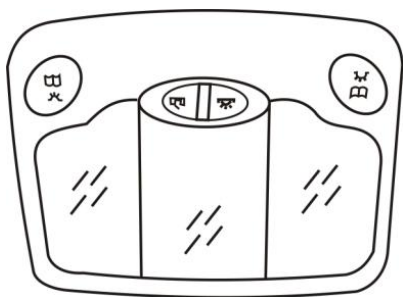
Left turn signal light-pull the handle down

Right turn signal light-pull the handle up

When the turn signal light is on, its turn signal indicator light in the instrument will flash together with it.

Interior Front Ceiling Lamp

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE



The interior front ceiling lamp is located on the middlemost roof of cabin.

Press the button “” down and the left reading lamp will light.

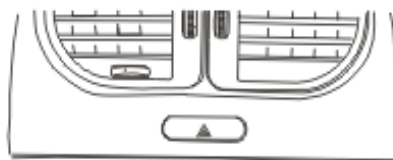
Press the button “” down and the right reading lamp will light. When the switch “” is turned from neutral position to the right, the interior lamp at right will light. If it is turned to the left, when one vehicle door is opened, this lamp will light; when the door is closed,

the lamp has delay function and it will go out after 8 seconds. When any of doors of the vehicle is opened, this lamp will constantly light. When the door is properly closed, the lamp will go out after 8 seconds. When using a remote controller to lock and unlock at this position, this function is also available.

TRUNK LAMP

Uncovering the trunk will turn on this light which is not under control of the ignition switch. After parking, please notice to cover the trunk properly.

Hazard Warning Light Switch



The triangle in the figure represents the hazard warning light switch.

This switch locates on central console of instrument between DVD screen and A/C vent.

The hazard-warning switch is only for use under emergence; it can warn the following vehicles of a failure or a dangerous condition. Pressing this switch down can turn on or turn off the hazard warning light. The hazard warning light can still function even if ignition switch is turned off.

After the warning light is turned on, the indicator light on the switch (yellow zone) will flash. At the same time, left and right

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

direction indicator lamps on the combination instrument will also light.

Braking Lamp

When brake pedal is pushed down, brake lamp will immediately light. Release the brake pedal and the brake lamp will go out.

REVERSE LAMPS

With the ignition switch on, the backup lamp is on when the vehicle is in the reverse gear. The light goes out when the ignition switch is off or the vehicle is changed to other gears.

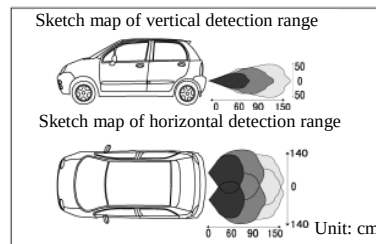
Reversing Radar Set

(*) The vertical detection distance of this reversing radar is within a range of 1m while its right-and-left horizontal detection distance is within a range of 2.8m.

The rearward detection distance of probe is within a range of 1.5m from it.

As shown in the figure:

Detection sketch map

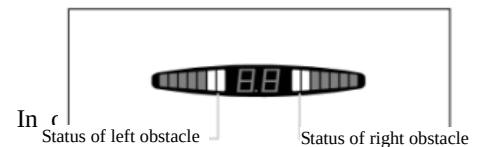


This apparatus includes a combination of a display and a buzzer, which locates inside the vehicle behind the high position brake

lamp.

When shifting in reverse gear, the reversing radar will automatically start up to detect obstacles. At this time, the figures "88" will be seen to light on the display through inside rear view mirror, meanwhile, a chirping will be heard.

Display



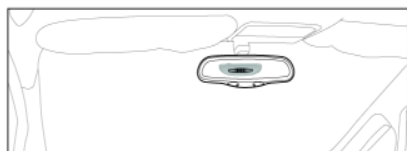
In the detection range, when it is only 1.5m from the probe, the figure "1.5" will be seen to appear on the display through the rear view mirror, which indicates that the obstacle is only 1.5m from the vehicle tail; when further backing up the vehicle, the figures "1.4, 1.3, 1.2, 1.1, 1.0, 0.9, 0.8, 0.7, 0.6, 0.5, 0.4" will appear on the display. When the distance is between 1.5m and

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

0.9m, the continuous alarm sound similar to a whistle will be heard. When the distance is between 0.8 and 0.6m, a pressing alarm sound will be heard; when the distance is between 0.6 and 0.4m, the alarm sound will be more pressing than ever. If further backing up the vehicle, the English letter “P” will be seen to appear through the rear view mirror and the alarm sound will become more and more pressing, which reminds the driver that there is an obstacle behind only less than 0.4m from the vehicle tail and he/she should stop safely.

Tip: the button on the buzzer of the reversing radar can be used to adjust volume of the buzzer.

Note: when backing up, it is safe to maintain driving speed under 5km/h.



Sound alarm

Method of alarm	Range of alarm	Alarm sound
First stage	1.49m~0.9m	Buzzer sounds for 40ms and then stops for 500ms.
Second stage	0.89m~0.6m	Buzzer sounds for 80ms and then stops for 300ms.
Third stage	0.59m~0.3m	Buzzer sounds for 380ms and then stops for 120ms.
Fourth stage	<0.3m	Buzzer constantly sounds.

The object that the probe of the reversing radar senses is the one most close to it.
Note that the bumper on a vehicle that has high body may not be sensed.

Due to modifications in specifications, the content in this manual may disagree with actual vehicles, in which case, we thank for your understanding.

Use a cloth to wipe or use water (low pressure water) to wash off the snow or mud adhered to surface of probe of the reversing radar.

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The high pressure water flow from a hydraulic giant or similar or larger external force may result in failure.

The surface of radar probe must never be pressed, squeezed or impacted.

If the above points are not available, please drive the car to the authorized CHERY service station for check and repair.



The probe of the radar may not work below -30°C or above 80°C.

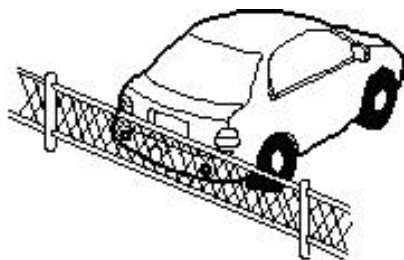
In the event that the alarm sound is not given off even if the probe approaches the obstacle, the following points should be checked:

- Whether snow or mud adheres to the surface of radar probe or not?
- Whether the surface of radar probe is frozen or not?
- Whether the car is not operated for a long period during hot or cold season or not?

In the case of the following instances, the alarm sound is not given off even if the radar probe approaches the obstacle, attention should be paid to them:

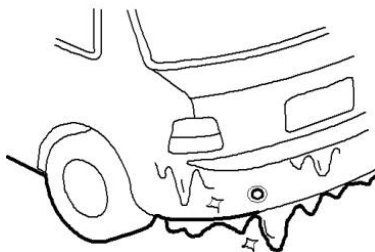
INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

- Thin objects like steel wire, rope, fence and etc.



- Low and short objects such as rocks etc.

- Frozen water drops existed on the surface of radar probe.



- Soft objects easy to absorb ultrasonic like snow, cotton, sponge etc.

- Snow or mud is adhered onto probe of the reversing radar and the probe

is covered.



In the case of the following instances, alarm sound may be given off owing to the wrong sense.

- Horn sound of other cars, sound of

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

motorcycle engine, brake air sound
etc. adjacent to the radar probe.

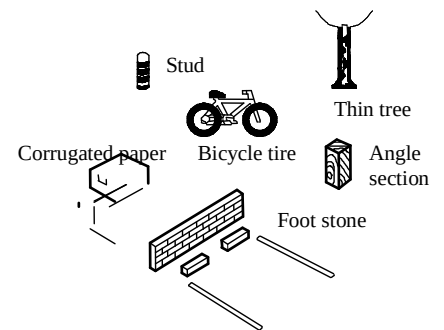
- Driving in the jelly-shaped snow or rain



Not give off alarm sound to objects without the sensing range.

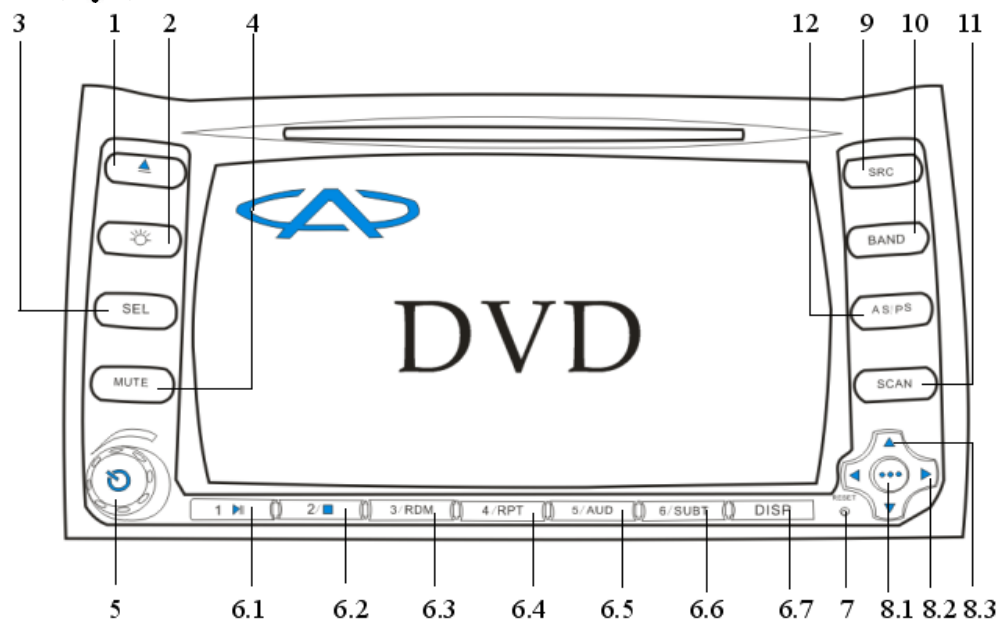
When there are several obstacles, the probe of the reversing radar only reports the closest one. When the vehicle is moving, note that the probe of the reversing radar at the other side may approach to other obstacles.

- In consideration of the form of obstacle, the radar may not give off alarm sound to the objects difficult to reflect the ultrasonic, shown in the following figure.



INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

● Audio Panel (*)



Note: if the audio system equipped on this vehicle is none of the following ones, please carefully read the operating instruction manual for the audio system that comes with the vehicle.

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

Description of Panel

1. In-and-out cartridge key
2. Brightness shortcut key
3. Selecting/initializing settings key
4. Mute key
5. Power supply switch button + volume adjusting knob
- 6.1 Play/pause/preset station 1
- 6.2 Stop/preset station 2
- 6.3 Random play/preset station 3
- 6.4 Repeated play/preset station 4
- 6.5 Voice switch/preset station 5
- 6.6 Caption switch/preset station 6
- 6.7 Clock display key
7. Reset function
- 8.1 Confirmation function
- 8.2 Left and right direction keys
- 8.3 Up and down direction keys

9. DVD/radio system switch
10. AM/FM band switch
11. Searching stations and automatic save/pre-play key
12. Searching stations and manual save/CD pre-play key

Method of Operation



Please read this chapter referring to “Audio Panel” and “Description of Panel”.

1. : Open/Close
This key is the in-and-out cartridge key for DVD disc.
2. : Shortcut key for brightness
This key is the shortcut key for brightness;

pressing it briefly enables normal brightness/shutting off screen switch function.

3. SEL: Selecting/initializing settings key
Pressing briefly enables selecting settings function and the settings will recurrently switch among Sound Effects, Bass, Treble, Left-and-Right Balance, Front-and-Rear Balance, Brightness, Chroma, Contrast, Screen Mode and Logic; the settings can be adjusted through volume knob.

Pressing and holding for 0.7 second enables initializing settings function. Setting value of system clock can be adjusted through volume knob.

4. MUTE: Mute key
Mute key for mute of radio or DVD.
5. : Power supply switch button + volume adjusting knob

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Turn it counter-clockwise to decrease volume and clockwise to increase volume. Press the button down to turn on or turn off power supply of audio system.

6.1 (1 /): Play/pause/preset station 1

Under radio state, pressing it briefly enables the function of jumping to the first preset station; under radio state, pressing it and holding for 0.7 second enables the function of saving current station to the first preset station.

Under DVD state, pressing it briefly enables the function of play/pause.

6.2 (2/): Stop/preset station 2

Under radio state, pressing it briefly enables the function of jumping to the second preset station; under radio state, pressing it and holding for 0.7 second enables the function of saving current

station to the first preset station.

Under DVD state, pressing it briefly enables the function of stop.

6.3 (3/RDM): Random play/preset station 3

Under radio state, pressing it briefly enables the function of jumping to the third preset station; under radio state, pressing it and holding for 0.7 second enables the function of saving current station to the first preset station.

Under DVD state, pressing it briefly enables the function of random play.

6.4 (4/RPT): Repeated play/preset station 4

Under radio state, pressing it briefly enables the function of jumping to the fourth preset station; under radio state, pressing it and holding for 0.7 second enables the function of saving current

station to the first preset station.

Under DVD state, pressing it briefly enables the function of repeated play.

6.5 (5/AUD): Voice switch/preset station 5

Under radio state, pressing it briefly enables the function of jumping to the fifth preset station; under radio state, pressing it and holding for 0.7 second enables the function of saving current station to the first preset station.

Under DVD state, pressing it briefly enables the function of voice switch.

6.6 (6/SUBT): Caption switch/preset station 6

Under radio state, pressing it briefly enables the function of jumping to the sixth preset station; under radio state, pressing it and holding for 0.7 second enables the function of saving current station to the first preset station..

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Under DVD state, pressing it briefly enables the function of caption switch.

6.7 DISP: Clock display key

Press the DISP key down to display system clock.

7. RESET: Reset function

Under any state, when you want to restore the machine to its initial state, just press RESET key down using an object with thin tip.

8.1  (ENTER): Confirmation key

The key for confirmation.

8.2  : Left and right direction keys

Under radio state, pressing it briefly enables the function of rearward/forward manual station search. Under radio state, pressing it and holding for 0.7 second enables the function of rearward/forward automatic station search.

Under DVD Play state, pressing it briefly

enables the function of fast reverse/fast forward; under other states, this enables the function of left/right direction key.

Under DVD Play state, pressing it and holding for 0.7 second enables the function of previous/next track; under other states, this enables the function of left/right direction key.

8.3  : Up and down direction keys

Up direction key and down direction key.

9. SRC: DVD/radio system switch

This is a function select key; when SRC key is pressed down, if the system is under AM or FM state, it will switch to DVD state.

If the system is just under DVD state, it will switch to radio state.

10. BAND: AM/FM band switch

This is a function select key; under radio state, press it to switch in the order of

FM1→FM2→FM3→AM1→AM2.

11. AS/PS: Searching stations and automatic save/pre-play key

Under radio state, pressing it briefly enables AS function; the system will search the whole FM/AM band forward and then save 6 stations of the strongest signal to save list of FM3/AM3. After finish of the search, you can browse the stations in play list. Under radio state, pressing it and holding for 0.7 second enables PS function. The system will play each saved station in current band in turn for 5 seconds for customers to select and tune in.

12. SCAN: Searching stations and manual save/CD pre-play key

Under radio state, press it to search the whole FM/AM band forward; when meeting with a station, the system will

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

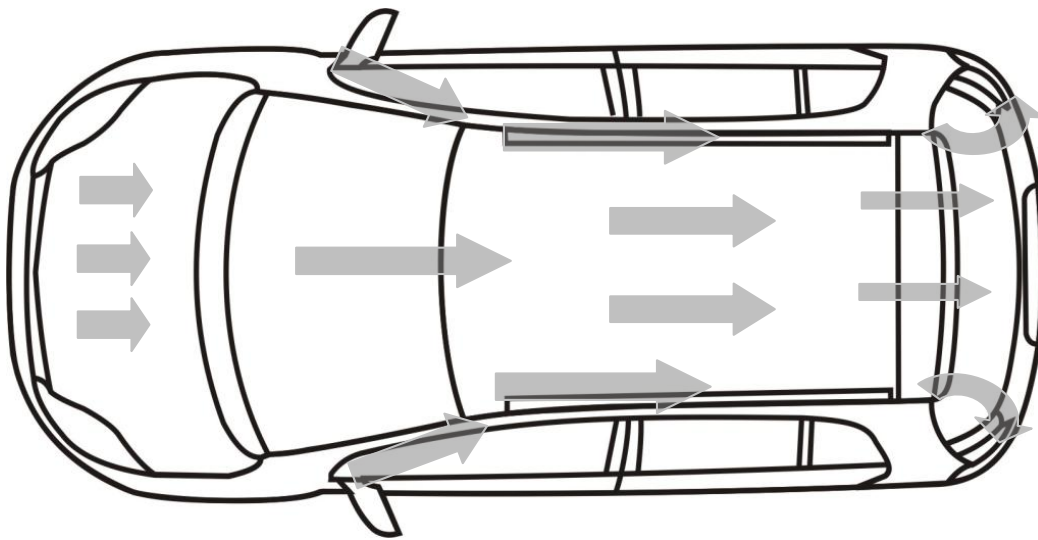
play for 5 seconds and then continue to search for other stations. The customers who are using play function can select to save the station to corresponding position in save list; after the station has been saved, scanning will stop. Under CD Play state, this key enables the function of disc browse; the system will play each track in the CD disc in turn for 10 seconds for customers to select and listen in.



When using this equipment long without starting the engine, beware that the vehicle will be unable to start after its battery is exhausted and that life of the battery may also be cut. Pressing power supply switch key can turn on or turn off the machine.

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

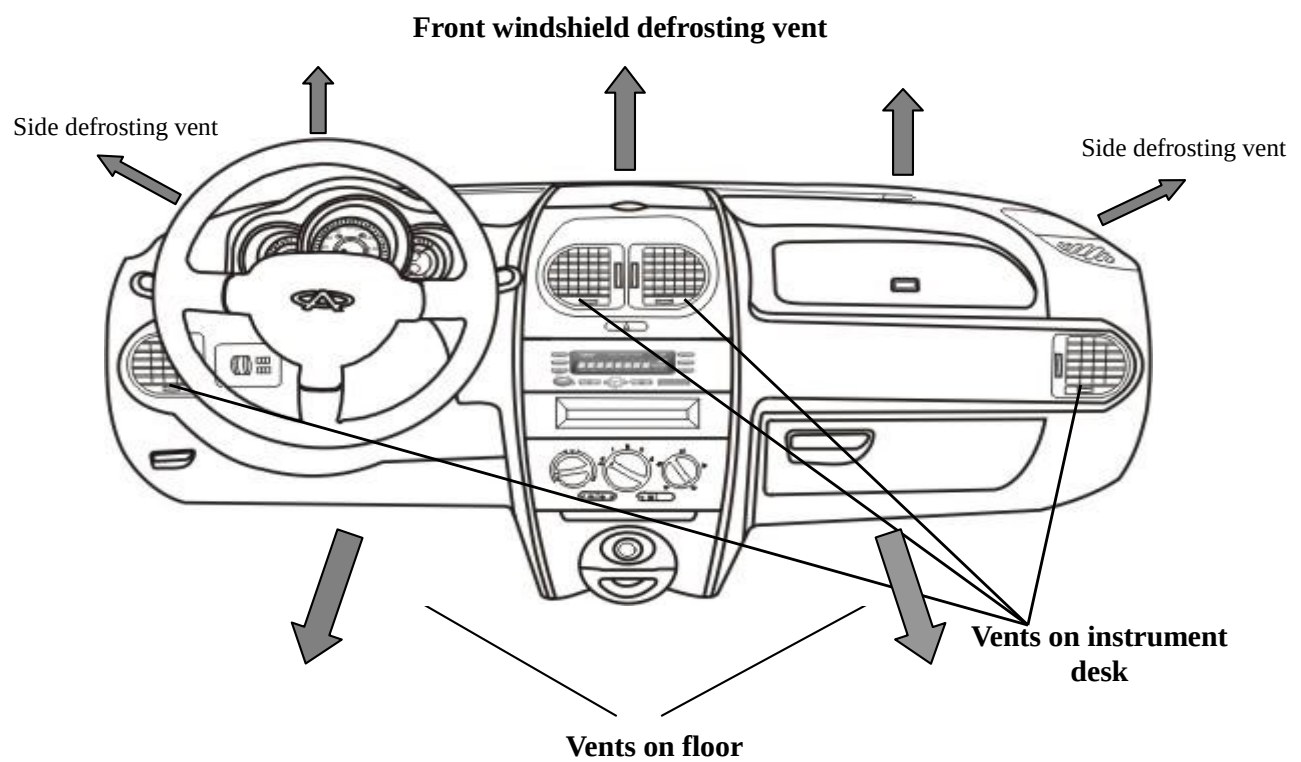
Air Conditioner System



VENTILATION

The outside air enters inside of the vehicle via the air inlet at lower right of front windshield. Please keep the air inlet at lower right of front windshield clear of snow deposit and leaves so as to ensure normal and effective working of heating system and ventilation system.

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE



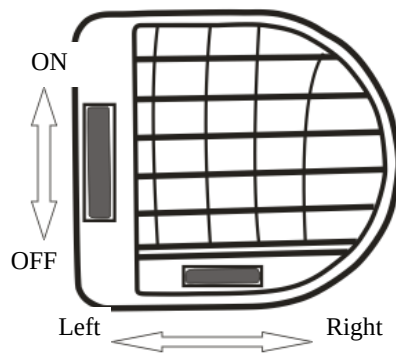
INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

AIRFLOW DISTRIBUTION

The air flow and direction can be adjusted by means of the button on the air conditioner control panel and the control device of side ventilator and central ventilator.

When adjusting the vent (adjust as required), note that the blockage in tunnel and vent will weaken air output.

CENTRAL VENTILATOR AND SIDE VENTILATOR



Central vents and side vents are bilaterally symmetrical.

The switch knob has the function of opening and closing vent and adjusting

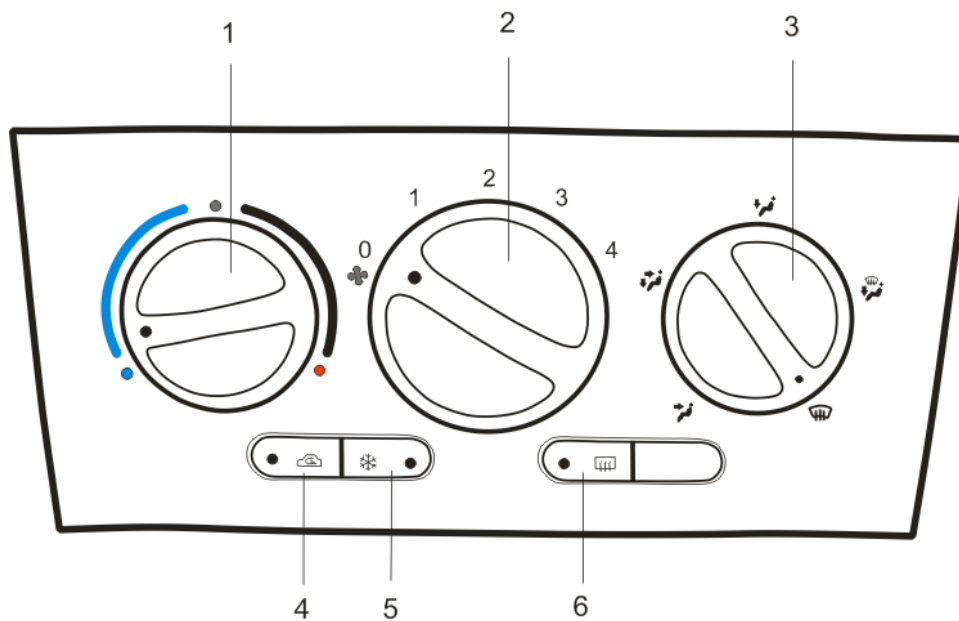
wind direction together; customers can adjust opening and wind direction at each vent as required.

MAXIMUM AIRFLOW

Adjusting A/C mode knob to Blow Foot or Defrosting allows maximum airflow to flow towards foot pedal area or windshield.

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

A/C System Control Panel



1. Cold air/warm air adjusting switch; 2. Blower switch; 3. Airflow distributing switch;
4. Internal/external circulation switch; 5. A/C switch; 6. Rear windshield defroster switch.

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

Cold air/warm air adjusting switch

It is used to control temperature of the air flowing out of vent.

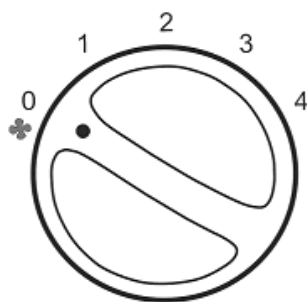
Blue position: cold air

Red position: heating



Blower switch

The blower switch is used to control speed of the blower (4 positions in total). Wind speed is adjusted using the blower. In order to improve comfortability, please turn on the blower when traveling.



Internal/external

Recirculation Switch

It is used to select the fresh air outside the vehicle or the recycling air inside the vehicle.

External recirculation mode ( working indicator light goes out)

The air outside the vehicle will enter inside of the vehicle.

It used for normal ventilation, warm wind and cooling.

Internal recirculation mode ()



Continuously working under internal recirculation mode will make inside of the vehicle sultry and make window glass generate fog; therefore, only use this mode in short-term.

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working indicator light lights)

The air inside the vehicle will recycle inside. This mode is used in dusty environment or when you want to avoid outside exhaust gas entering inside of your vehicle, or quick cooling or heating interior air is required.

Airflow distributing switch



This switch is used to select direction of airflow.

It has following 5 positions:

Blow Face;

Blow Face and Blow Foot;

Blow Foot;

Blow Foot and Defrost;

Blow Face;

Position of “Blow Face” (Icon: car with arrows pointing up)

Air will flow out of central air vents and side vents.

Position of “Blow Face and Blow Foot” (Icon: car with arrows pointing up and down)

Air will flow out of central air vents and the air outlets at bottom of front seat.

Position of “Blow Foot” (Icon: car with arrows pointing down)

Air will mainly flow out of the air outlets at bottom of front seat.

Position of “Blow Foot and Defrost” (Icon: car with arrows pointing down and windshield with wavy lines)



Air will flow out of the air outlets at bottom of front seat, windshield defrosting air vents, and front window defrosting air vents.

Position of “Defrost” (Icon: windshield with wavy lines)

Air will flow out of windshield defrosting air vents and front window defrosting air vents.

Operations of A/C system

Ventilation, warm wind and refrigeration components form a control system which can provide best comfortability in any climate.

The refrigerating unit of A/C system cools air and removes moisture and dust such as

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

pollen etc. in it.

A/C switch



This switch is used to turn on and turn off A/C compressor.

To turn on air conditioner, start engine, turn blower switch to an appropriate wind speed, and then turn on A/C switch. After air conditioner is turned on, the indicator light will light. To turn off the air conditioner, press A/C switch button once again. When blower switch is at the "OFF" (turned off) position, A/C compressor will not work.



When the vehicle is climbing a long slope or in traffic jam, turning on A/C may make engine overheat. Observe water temperature gauge, if the engine overheats, please turn off A/C to reduce load of the engine.

Strongest refrigeration

In torrid weather, when the vehicle is exposed under sun for long, open windows for a short time to let hot air inside the vehicle rapidly flow out.

A/C switch: ON

Internal/external recirculation switch:
internal recirculation ( working indicator light lights)

Airflow distributing switch: ()

Cold air/warm air adjusting switch: turn it counter-clockwise to bottom (blue).

Blower switch: maximum revolution

Normal refrigeration

Normal refrigeration during long-distance traveling and quick traveling.

A/C Switch: ON

Internal/external recirculation switch:
external recirculation ( working indicator light goes out)

Airflow distributing switch: () or ()

Temperature control switch: blue

Blower switch: random

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

Head and foot

This mode is used in transition stage when outside temperature is low and sunlight is absent. When adjusting the temperature control switch between Cold (blue) and Hot (red), warm airflow will enter bottom area of the vehicle while cold air and normal temperature airflow will enter top space.

A/C switch: ON or OFF

Internal/external recirculation switch:
external recirculation ( working indicator light goes out)

Airflow distributing switch: ()

Cold air/warm air adjusting switch:

Between blue (Cold) and red (Hot).

Blower switch: random

Ventilation

The air outside the vehicle will flow in through central air vents and side air vents.

A/C switch: OFF

Internal/external recirculation switch:
external recirculation ( working indicator light goes out)

Airflow distributing switch: () or ()

Cold air/warm air adjusting switch: blue

Blower switch: random

Forced heating

A/C switch: OFF

Internal/external recirculation switch:
internal recirculation ( working

indicator light lights)

Airflow distributing switch: ()

Cold air/warm air adjusting switch: turn it clockwise to bottom.

Blower switch: maximum revolution



Do not use "Forced Heating" long so as to avoid inside air becoming foul and generation of fog on windows. In case fog is generated on any window or the window becomes wet, turn off the internal recirculation switch. "Forced Heating" only applies to quick heating, and then it should be dialed back to "Normal Heating" as soon as possible.

Normal heating

A/C switch: OFF

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

Internal/external recirculation switch:
external recirculation ( working
indicator light goes out)

Airflow distributing switch: () or
()

Temperature control switch: red

Blower switch: random

Defrosting

A/C switch: OFF or ON

Internal/external recirculation switch:
internal recirculation ( working
indicator light lights)

Airflow distributing switch: () or
()

Cold air/warm air adjusting switch: red

Blower switch: random

Note:

With air conditioner turned on, defrosting efficiency can be improved. When refrigerating, if it is very humid, do not use () or () position; otherwise, temperature difference between outside air and windshield may occur, which will generate fog on inner surface of the windshield to affect vision. Defrost rear windshield by pressing down “Rear Windshield Defroster Switch”.

Defogging

A/C switch: ON (pressed on) and working
indicator light lights

Internal/external recirculation switch:
external recirculation ( working
indicator light goes out)

Airflow distributing knob: ()

Cold air/warm air adjusting switch: in red
zone

Blower switch: at an appropriate position



1. Using detergent to wash inner surface of glass is an effective method to prevent generation of fog. Use absorbent cotton or soft cloth to dip it and smear at inside of front and rear windshields (including the window glass at rear view mirror); after air dry, use soft dry cloth to wipe away the residual fiber left on the windshield when smearing.

2. During forced refrigeration, if it is very humid, do not use () or () position; otherwise, temperature difference between outside air and

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

Tips on operations of cooling system

If the vehicle is under direction irradiation of sunlight, open windows before turning on air conditioner.

To rinse windows in rainy days, turn on air conditioner to reduce inside temperature, which is effective in both rainy days and hot weather.

When traveling in an area of heavy traffic, the cooling system may cool inadequately

due to frequent stop and crawling.

If the A/C system is out of use for one month or longer, even if it is in winter, be sure to let engine run at idle speed with A/C turned on for several minutes at least once per month, so as to maintain proper lubrication and leakproofness of compressor and extend operating life of the system.

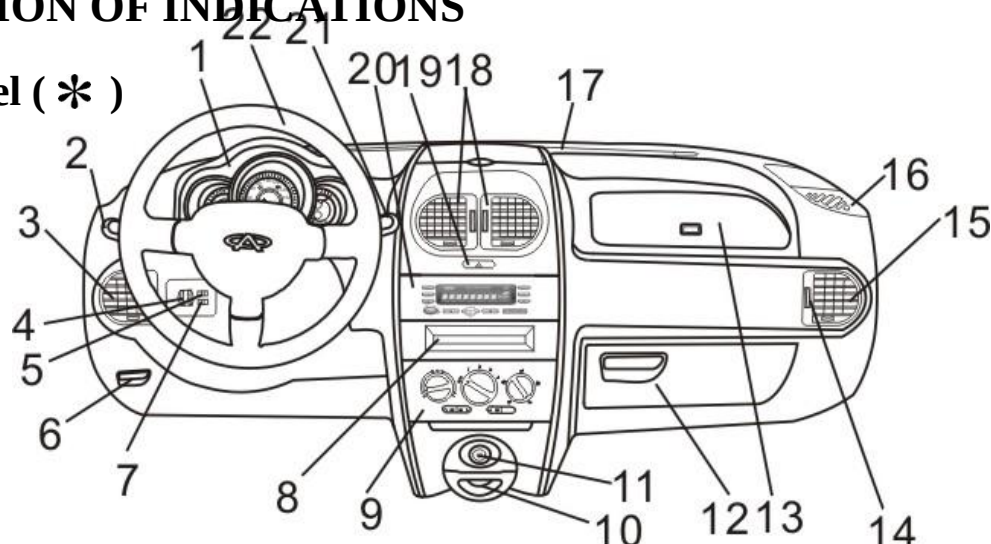
After the blower switch is turned off, A/C compressor will not work.

In order to ensure good refrigeration effect, you should regularly check the condenser for blockage by foreign body; if any blockage exists, please flush the condenser to ensure good refrigeration effect.

INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

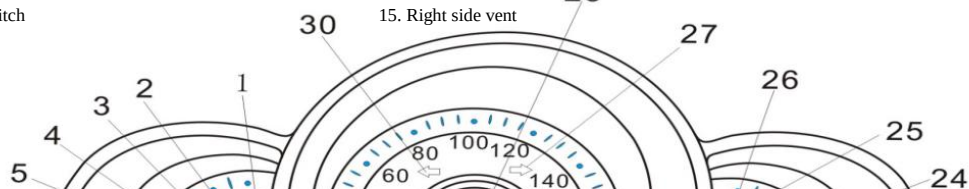
II. DESCRIPTION OF INDICATIONS

Instrument panel (*)



- | | | | | |
|---|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1. Combination instrument panel | 6. Hood opening handle | 11. Cigarette lighter | 16. Vent | 21. Front and rear wiper switches |
| 2. Switches of turn light and position lamp | 7. Noctilucence adjusting switch | 12. Sundries box | 17. Defogging and defrosting vent | 22. Steering wheel |
| 3. Left side vent | 8. Sundries box | 13. Air bag | 18. Central vent | |
| 4. Front and rear fog lamp switches | 9. A/C control panel assembly | 14. Wind direction adjusting knob | 19. Hazard warning light switch | |
| 5. Electric control switch | 10. Cigarette lighter | 15. Right side vent | 20. Sound system | |

Combination Instrument (*)



INTRODUCTION OF FUNCTIONS AND DESCRIPTION OF INDICATIONS OF THE VEHICLE

- | | | | | |
|--|--|--------------------------------------|--|-----------------------------------|
| 1. Door closing reminder warning light | 7. Battery charging indicator light | 13. Speedometer | 19. Over-high water temperature warning light (red indication) | 25. Fuel gauge mark |
| 2. Air bag warning light | 8. Throttle trouble indicator light | 14. Mode and adjusting button | 20. Indicator light of position lamp | 26. Fuel gauge |
| 3. Indicator light of front fog lamp | 9. Tire pressure warning light (*) | 15. Water temperature gauge | 21. Indicator light of high beam | 27. Right turning indicator light |
| 4. Low engine oil pressure warning light | 10. Brake system trouble warning light | 16. Coolant thermometer mark | 22. Indicator light of parking brake | 28. LCD display screen |
| 5. Tachometer | 11. Indicator light of rear fog lamp | 17. High temperature limit zone | 23. Indicator light of engine oil pressure | 29. Low fuel level warning light |
| 6. ABS trouble warning light | 12. Vehicle maintenance warning light | 24. Seat belt reminder warning light | | |

The caution devices are used to prompt the driver state and running status of the vehicle and if any problem that is enough to cause bad damage or harm has occur on the vehicle. If function failure appears in certain system of vehicle, its corresponding warning light will be on or flicker.

With the ignition switch on, most warning lights will light for a short time to perform the system self-checking. If certain warning light is not on, or it still lights or flickers incessantly after the engine has been started, please drive your vehicle to the Chery authorized service station for overhauling the relevant system.

LOW FUEL LEVEL WARNING LIGHT



When fuel in the tank is short of 10 liters, this light is lightened instantly to give an alarm, meanwhile the needle of the fuel gauge will move to the red alarm line.

When the warning light is on, you should fill the tank with fuel as soon as possible.

ABS trouble warning light



With the ignition switch on, this light will be lightened for a short time and at the same time the ABS system will perform self-checking for determining whether the system functions well. If it continues to light or flicker when the ignition switches on or during the driving, it indicates failure in the ABS system. In such a case, the vehicle still has the capability of ordinary brake without the function of ABS, unless the brake system warning light is lightened. At this time, please drive your vehicle to the Chery authorized service station for overhauling as

soon as possible, but you should drive carefully avoiding high-speed driving. As for the important precautions concerning the performance of ABS system, please refer to the section of “Brake”.

Parking brake indicator lamp



Only with the ignition switch on, can this light operate.

Pull up hand brake and this light will keep constantly lighting.

Brake system trouble warning light



Only with the ignition switch on, can this light operate. When a brake system failure occurs or brake fluid level is below its lowest position (MIN position), this light will light.

When this light constantly lights, check if brake fluid level is too low.

If the brake fluid level is too low, you should fill the brake fluid instantly with the level between mark MIN and MAX, and this system should be inspected by the Chery Authorized Service Station.



During driving, if the brake system warning light is on, it indicates that one of the dual circuit brake is in trouble. In this case, you should drive carefully to the nearest Chery Authorized Service Station for professionals, overhauling. Considering that the braking performance degrades badly and the braking distance is increased, you should keep your vehicle more away from the front vehicle during driving and apply more pedal force correspondingly when braking.

In case ABS trouble warning light and brake system warning light constantly light at the same time, immediately stop the vehicle if safety can be ensured. Before continuing your trip, please drive to a Chery Authorized Service Station to have brake system checked.

PARKING/POSITION INDICATOR LIGHT



When position lamp is turned on, this indicator light constantly lights.

Seat belt reminder warning light



With the ignition switch on, and if the driver doesn't wear the seat belt, the warning light will be turned on to remind the driver of fastening the seat belt.

Engine failure warning light



When ignition switch is turned on, this warning light will light and electronic control unit of engine (and EOBD system) will be under self-check state. If no failure exists in this system, this warning light will go out after engine starts; if it always lights, be sure to check the engine.

During driving, if this warning light is on, it indicates that the engine electronic control system is failure. Please drive your vehicle to the Chery authorized service station for overhauling as soon as possible.

Application scope

The models equipped with SQR473F engine plus EOBD system (“National III” standard compliant).

Indicator light of high beam



When the high beam light is on or the headlight flickers, this light will be turned on.

Indicator light of front fog lamp



When front fog lamp switch is turned on, this light will light; when the switch is turned off, it will go out.

Indicator light of rear fog lamp



After rear fog lamp switch is turned on, this light will light; when the switch is turned off, it will go out.

TURN SIGNAL INDICATOR LIGHT



There are one left turn signal indicator light and one right turn signal indicator light. When the left/right turn light is turned on, the corresponding turn signal indicator light also flickers slowly along with it. When the hazard flashing warning light is switched on, the left/right turn light and the left/right turn signal indicator light will flicker simultaneously.

If the turn signal indicator light flickers at the double frequency of its normal level, it indicates that the corresponding turn light is failure.

AIR BAG WARNING LIGHT()



Safety



If the engine oil is consumed too much, please drive your vehicle to the Chery Authorized Service Station for inspection.

With the ignition switch on, and this warning light flickers, it indicates that the air bag system operates normally; if the failure warning light keeps lighting, it indicates that the air bag system has a fault. In case this light lights during traveling, it indicates that the air bag system has a fault. Authorized Service Station check this system.

LOW ENGINE OIL PRESSURE WARNING LIGHT



With the ignition switch on, the indicator light flickers. After the engine is started, the light should be gone out. If the light doesn't go out after starting or it flickers during driving, please stop the vehicle immediately, make the engine flameout and inspect the engine oil level.

In the event that the engine oil pressure is lower than 0.3 Bar and the rev of engine is less than 300 rpm, the indicator light flickers for alarm.

In the event that the engine oil pressure is lower than 0.3 Bar and the rev of engine is more than 300 rpm, the indicator light flickers for alarm and the buzzer sounds an alarm at the same time.

If the engine oil level is too much low, the engine should be filled immediately.



Please go to Chery Authorized Service Station for checking in case the engine oil consume fast.

Battery charging indicator light



It will light when turning on ignition switch. After the engine is started, the light should be gone out.

If this light always lights, it indicates that the battery requires charging.

If this light lights during traveling, immediately stop, shut off engine, and then check generator belt

If the generator belt is in normal condition, please drive your vehicle to the nearest Chery authorized service station immediately for overhauling. But in consideration of the fact that the battery will discharge continuously during driving, all the unnecessary electrical equipment should be turned off, including A/C system.

If the generator belt has been damaged, you should not drive further, and the vehicle must be overhauled by professionals.

Coolant temperature/level warning light



With the ignition switch on, this warning light is lighted for a few seconds and then goes out. If it doesn't go out in a few seconds, or it keeps flickering and the buzzer sounds an alarm due to the extreme high temperature and low level of coolant, you should stop the vehicle immediately and shut down the engine to inspect the level of coolant as well as fill the coolant according to relative regulation.



Beware of being scalded!

When engine is under hot state, the cooling system will be under high temperature and high pressure state; therefore, be sure not to open radiator cap before the engine cools down.

Never touch the radiator fan!

Door closing reminder warning light



This warning light is at the center of the central clock display screen. With the ignition switch on, if the door or the trunk lid is not properly closed, this light will indicate the condition of four doors and trunk lid.

Electronic throttle trouble warning light

EPC

This warning light has two functional states, which will be respectively described hereunder:

1. Warning an electronic throttle failure

When ignition switch is turned on, this warning light will light and electronic throttle will perform self-check; if no failure exists in this system, this warning light will go out after the engine starts; if the warning light always lights, be sure to check the electronic throttle. If this warning light lights during traveling, it indicates a failure in the electronic throttle, please drive to a Chery Authorized Service Station for service as soon as possible.

Application scope

The models equipped with SQR473F engine plus EOBD system ("National III" standard compliant).

2. Warning an engine electric control system failure

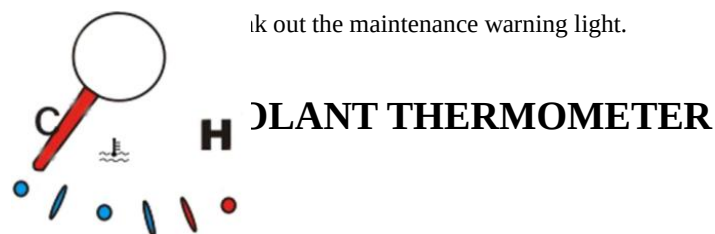
When ignition switch is turned on, this warning light will light and engine electric control system will be under self-checking state; if no failure exists in this system, this warning light will go out after the engine starts; if the warning light always lights, be sure to check the engine. If this warning light lights during traveling, it indicates a failure in the engine electric control system, please drive to a Chery Authorized Service Station for service as soon as possible.

Application scope

The models equipped with SQR473 engine ("National II" standard compliant).

Maintenance warning light

When accumulated kilometers on odometer reach the preset kilometrage (5,000km), this maintenance warning light will light to remind the customer to have a service station perform complete vehicle maintenance for him/her. After the maintenance is finished, the technician at the service station will turn out the maintenance warning light.



It displays temperature of coolant when engine is working.

C-low temperature zone

During starting and warming up of engine, the engine will operate in this zone for a short time. In this temperature zone, the engine should be avoided to operate at high speed and meanwhile the working load of engine shouldn't be too heavy.

If the needle of thermometer stays in this zone for a long time, please drive your vehicle to the Chery authorized service station for overhauling.

BETWEEN C AND H-NORMAL TEMPERATURE ZONE

During normal driving, the needle of thermometer should be in this zone.

When the environmental temperature is extreme high and the load of engine is too heavy, the needle of thermometer maybe goes beyond this zone. As long as coolant warning light does not flash, the vehicle can still normally run; if the coolant warning light flashes to alarm, be sure to immediately shut off the engine to check cooling system.

H-overheat zone

If the needle of thermometer goes into this red zone, that is to say, the engine is overheating. Please stop your vehicle safely in an instant and shut down the ignition switch and determine the reason after the cooling of engine, meanwhile, call a Chery Authorized Service Station for assistance and wait for instructions from it.



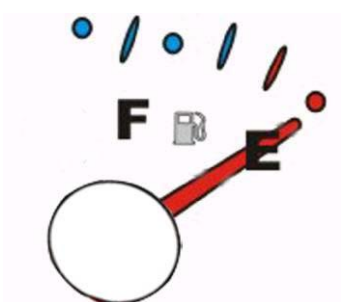
Never remove the radiator cap in case you are scalded when the engine is still hot. Can the engine be started once again only after the trouble-shooting.

Explanation:

If the environmental temperature is too high and the load of engine is heavy, the engine is most prone to overheating!

The front spoiler also plays the role of guiding the cooling air. If it is damaged or even broken owing to collision, this maybe results in the overheating of engine. Please drive your vehicle to the Chery authorized service station in time for repairing the front spoiler.

FUEL GAUGE



Capacity of Fuel Tank: 43 Liters

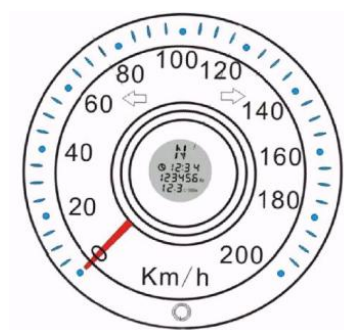
When the needle of fuel gauge moves to the position of “E” (the position which the arrow points at in the figure.), which means that the fuel tank is empty, there are still about 5 liters of fuel left in the fuel tank.

After the vehicle is driven for a stretch with the full fuel tank, the needle of fuel gauge can just leave the position of “F”, which means that the fuel tank is full.

When the fuel tank is refilled, the quantity of fuel, which can fill up the tank, is less than the capacity of tank owing to the availability of fuel left in the tank.

If the low fuel level warning light is on, please fill up the fuel tank as soon as possible. Refer to the “Low Fuel Level Warning Light”.

SPEEDOMETER



It is used to display the driving speed of vehicle at present.



The speedometer will be affected by the size of the tire used on the vehicle. Please use the tire of original size of Chery; otherwise, the speedometer will not display correct driving speed.

LCD display screen* ()



The first row of figures on LCD display screen are indications of gear positions which displays current gear of a vehicle with automatic transmission; the gear positions displayed are P, R, N, D, 1, 2, 3, 4. For a vehicle with manual transmission, this function is unavailable.

The second row of figures on LCD display screen is used to display symbols of time and clock and subtotal of kilometrage. The positions of time and subtotal of kilometrage can swap each other. Time is displayed in 24 hour system.

The third row of figures on LCD display screen is used to display accumulated kilometrage.

The fourth row of figures on LCD display screen is used to display fuel consumption per 100km. Indicating range: 0.1L/100km~99.9L/100km; the value displayed will be updated once every 10s. When the engine does not run (the instrument does not receive fuel consumption signal), no figure will be displayed; when the engine is running but the vehicle does not travel, “-L/100km” will be displayed.

Display switch method among subtotal of kilometrage/instantaneous fuel consumption/average fuel consumption/clock

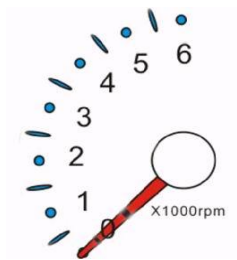
By inching (<0.3s) the clock mode lever on instrument of the vehicle, you can switch display among subtotal of kilometrage/instantaneous fuel consumption/average fuel consumption/clock; under the state of subtotal of kilometrage, pressing the lever and hold long (>2s) can clear the subtotal of kilometrage.

Clock adjusting method

By inching (<0.3s) the clock adjusting lever on instrument of the vehicle, you can adjust right part on LCD display screen to clock display state; at this time, press clock adjusting button long and hold for about 5s and the hour bit of the digital display clock will frequently flash; by inching the clock adjusting lever, hour bit of clock can be adjusted; for each press, the digital display will increase 1 hour and it will automatically increase when the lever is pressed and held long. After hour bit has been properly adjusted, wait for about 5s and the minute bit of the digital display clock will automatically flash; at this time, by inching the clock adjusting button, minute bit of the clock can be adjusted; for each press, the digital display will increase 1 minute and it will automatically increase when the button is pressed and held long.

After time of the clock has been properly adjusted, wait for several seconds and the digital display will not flash any longer, which indicates that the time has been properly adjusted.

ENGINE TACHOMETER



This meter is used to display the engine rev (RPM).

The red zone on the right of the dial indicates the range of allowable maximum rev within a short time under the operational temperature for the engine which has running-in.

However it is suggested that you should push the gear-shift lever to the next higher gear or remove your foot from the accelerator pedal at latest before the needle goes into this zone.

REGULATION OF RUNNING IN WITHIN 1,000 KM:

- Driving at full speed is absolutely prohibited.
- Driving at the speed in excess of 100 km/h is usually not allowed.

- Driving at the maximum speed for each gear should be avoided.

REGULATION OF RUNNING IN WITHIN THE RANGE OF 1,000-1,500 KM:

- Driving speed can be gradually increased to the maximum, or engine operates at its allowable highest revolution.

Attentions should be paid after the period of running in:

The permissible maximum speed for short time running of the engine is 6000r/m. When shifting gear manually, when pointer of the tachometer reaches the red indication zone, be sure to shift to a next higher gear.



Shifting to the high gear early is in favor of saving fuel and reducing the driving noise. Once the engine is found to run unsteadily, please shift the gear to the neighboring low gear immediately. During running-in, never operate the engine at high speed!

Safety

CHAPTER FOUR SAFETY

I. Door Lock and Theft-Proof Key

The two keys provided with this vehicle apply to all lock holes on the vehicle; one of the two keys serves as standby key. Code plate of the key is pasted on number cover. For safety of your vehicle, do not put code plate of key in the vehicle; instead, put it at a safe place and write down the code of the key. Please do not put record of the code in the vehicle so as to prevent the people without authorization from obtaining the code to copy the key.



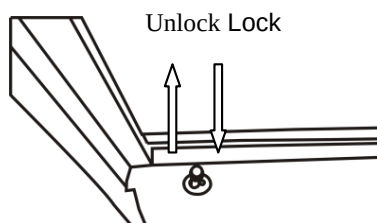
Do not leave the key on the vehicle and you should take it with

Door Lock

Left front door and back door can be unlocked or locked from outside using the keys provided with the vehicle. To open the doors, turn the key counter-clockwise; to close the doors, turn the key clockwise.



Before leaving your vehicle, if no one will take care of it, lock all doors and rear compartment cover.



The doors can be locked or unlocked from inside through the button on the safety handle located on edge of window.

Except left front door, any of other doors can be locked from outside by means of pressing down the button on the safety handle and then closing the door.

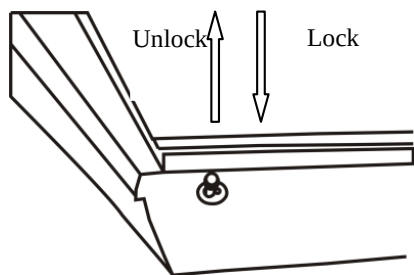
When you leaves the vehicle, left front door can only be locked from outside using the key.

Left front door can be locked and unlocked from outside using the key. Inside the vehicle, the door safety handle can be used to unlock.

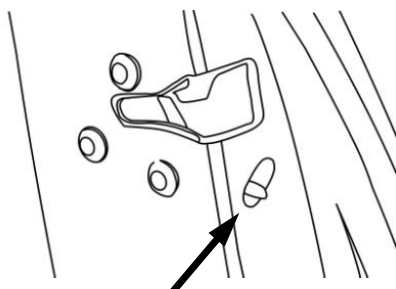
To lock rear door, press down the safety handle and then close the door before leaving your vehicle. In consideration of security, you had better lock doors by using remote controller.

Central Control Lock System (*)

The central control lock is controlled by the driver side door (left front door). When using the key or the door lock button to lock or unlock the driver side door (left front door), all doors can be locked or unlocked at the same time.



Child Safety Lock



Child safety lock

A child safety lock is equipped on each leaf of rear door of the vehicle; this lock can keep rear row passengers, especially children, from accidentally opening rear door from inside through door opening-in

handle.

Press down the lock tongue below door lock of each leaf of rear door and the door will then can not be opened from inside and the door opening-in handle will also be fixed at locked position, i.e. the door can not be opened through the door opening-in handle after the child safety lock is locked.

Pulling up the child safety lock switch on rear door can disable the function of the child safety lock. At the same time, the back doors can be just opened outside the car. Pulling down the child safety lock switch can enable the function of the child safety lock.

The figure shows the enabling device of the child safety lock. Pulling shifter lever of the child safety lock down can lock the child safety lock. The child safety lock is

only available on the two rear doors.



Before leaving your vehicle, if no one will take care of it, lock left front door.

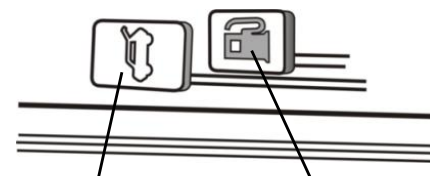


In dog days, the inside temperature will rise rapidly after engine stops. If any people or animal stays inside the vehicle, though for a little time, he/she/it may be injured by the high temperature inside the vehicle even killed. For babies and infants or elders, it is particularly dangerous. Therefore, check inside of the vehicle before locking the doors and do not leave any baby or infant or elder inside the vehicle.

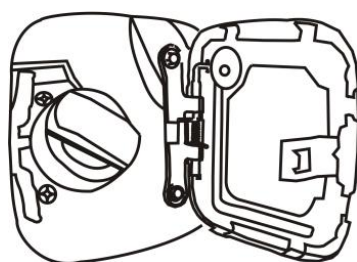
Opening Luggage Boot Lid

To open luggage boot lid, insert the key into the key hole on luggage boot and then turn it clockwise. Let down and push luggage boot lid at full tilt to firmly close and lock it.

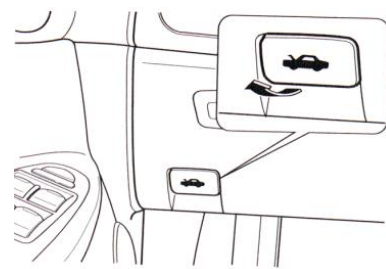
Pulling up the opening handle of luggage boot lid at left side of driver seat can also open the luggage boot lid. (as shown in the figure below)



OPENING OF ENGINE HOOD



As shown in the figure, the tank cap screwed off can be put on the fuel filler cap.



1. The pull handle of engine hood, which is on the left bottom of the dashboard, is pulled backward to make the engine hood kick up a little.
2. Move to the front of the car and put one hand under the front end of the engine hood to feel the pull bar of the engine hood, and push the pull bar upward and at the same time lift



Exhaust gas is harmful; after luggage boot lid is opened, please shut off the engine to avoid exhaust gas entering the cabin.

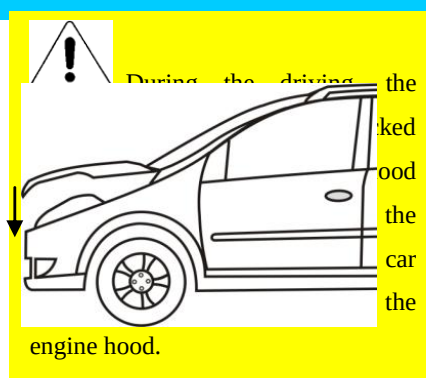
Release Handle of Filler Cap

Pulling up the release handle at left side of driver seat can open filler cap of fuel tank. (as shown in the figure above)

Safety

the engine hood. Pull up the release handle and unlock the engine hood lock.

3. Put up the engine hood, and well support it with the support bar.
4. While closing the engine hood, first of all, lower it to a position 20-30 cm away from the engine hood lock, and then make it fall into the latch.
5. The above process completes the closing the engine hood. After closing the engine hood, it must be done to lift the engine hood for determining whether the engine hood lock is fully engaged.



the doors, trunk lid and engine hood.

The remote controller functions well within the range of 6 m. If the distance between the car and the remote controller is beyond this range, the remote controller cannot operate properly.

REMOTE KEYLESS ENTRY SYSTEM WITH ANTI-THEFT FUNCTION()

This system has the function of preventing unauthorized personnel from unlocking



If the frequency of your remote controller is disturbed, you cannot unlock the locks, and then you can lock/unlock them by directly using key. Other short-range radio transmitter may also use the frequency of your remote controller, such as amateur radio station, medical equipment, radio earphone, remote controller, alarm system etc.

light.

Safety

LOCK & UNLOCK OF DOOR

Press down the locking button  on remote controller once, all doors will be locked; meanwhile, the turn signal will flash once and the anti-theft function will be activated at once.

Press down the unlocking button on remote controller  once, all doors will be unlocked; meanwhile, the turn signal will flash twice in succession and the function of anti-theft system will be deactivated at once.



The theft-proof system can only be activated when all doors, hood and luggage boot have been completely closed after vehicle body

Warning

If any people without authorization attempts to forcibly open door, engine hood, left and right turn signals will continuously flash for 28 seconds and guard horn will also alarm for 28 seconds.

REPLACE CELL OF REMOTE CONTROLLER

In case the operating distance of the remote controller gradually reduces, you should replace its cell (type of the cell: 3V CR 2032).

The replacing procedures are as follows:

1. Open the remote unit from the side fastener by using the flat head tools.
2. Carefully pry out the cell. Fit new

cell between two contacts with (+) facing up.

3. Reassemble the parted two halves.



You cannot dispose of the used lithium cell in the way as handling ordinary domestic waste. Please observe the provisions on environmental protection to discard the used cells.

ELECTRONIC ANTI-THEFT SYSTEM

The car electronic theft prevention is

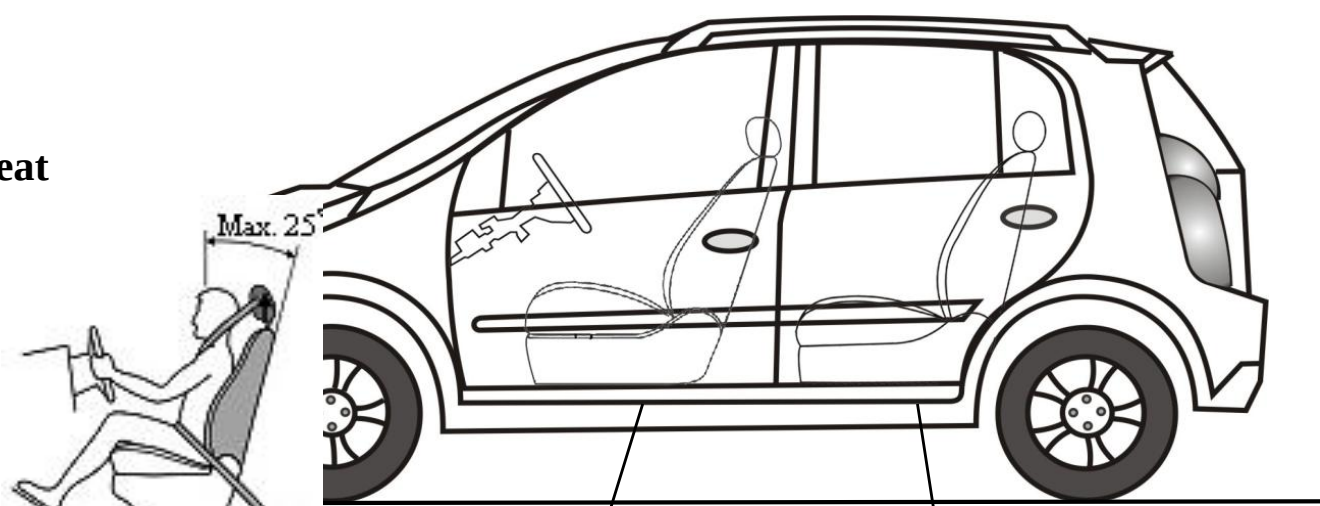
directly engine-oriented, greatly enhancing the entire safety of car theft prevention.

Each key has a built-in chip, which unites key, electronic anti-theft device and engine computer to form a functional anti-theft system. If someone matches a same key without the chip without permission of the owner, he/she can not start the vehicle of the owner. Therefore, the likelihood of the vehicle being stolen will be reduced.

In the event that you have lost your car key by accident, you should go to the authorized Chery service station to make new key matchable with your car as early as possible. The service station can make new key for your car with its special electronic equipment and invalidate your lost key.

II. Seats and Safety Protection Devices

Seat



Correct Seated Position

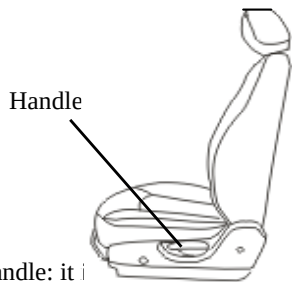
Seat, head rest, seat belt and air bag can help protect you. Therefore, please observe the following points:

Front row seat taking the most of Rear row seat provide you with more protections.

Service and Maintenance

- Use upright seated position; lower end of your back should lean back as far as possible and inclination of seat back should not exceed 25°.
- Properly adjust head rest to make its top flush with upper end of your head.
- Do not let front seat be too close to instrument desk. When driving, hold the steering wheel with arms slightly bending. Your foot should also slightly bends so that you can push the pedal to floor.
- The shoulder belt should go through center of outer shoulder and be snug on and across chest and do not let it go through your neck; the lap belt should be snug and across your hip other than stomach.

Adjusting Driver Side Seat



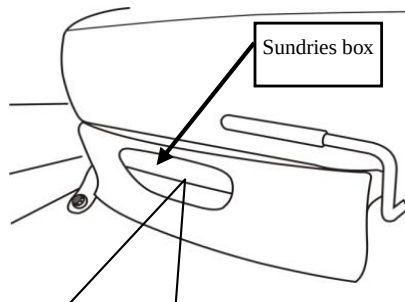
Handle: it is used to adjust the inclination of seat back.

- Pull the handle up, then you can use the force of your body to change inclination of the seat back. Adjust the seat back to the angle you desire, put the handle down, and then the seat back will be fixed.

Service and Maintenance



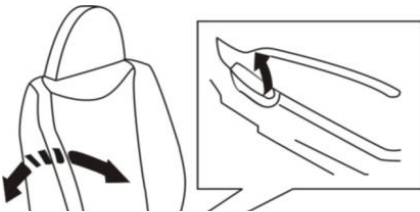
Adjusting the seat during traveling may cause the vehicle to be out of control and lead to traffic accident, so, for your safety, please adjust the seat when the vehicle stops.



A sundries box is installed below driver side seat; to draw the sundries box out, pull it forward forcibly.

Adjusting Front Row Passenger Seat

Adjustment of Inclination of Front Seat Back



Service and Maintenance

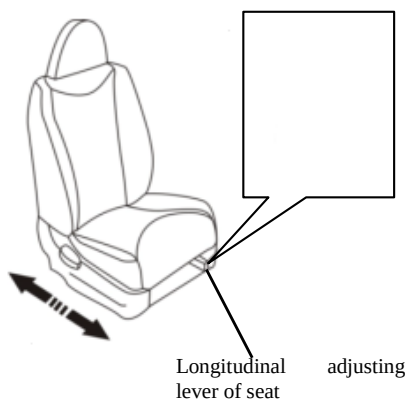


First lean your body upon the seat back, then pull the seat back adjusting handle at right side of the seat to adjust the seat back to the angle you desire by changing inclination of your body. (the seat back adjusting handle for driver seat is at left side)

Service and Maintenance

Sliding Seat backward and forward to Adjust

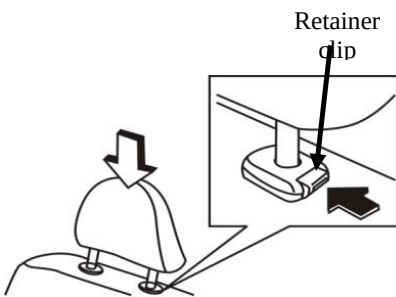
As shown in the figure, pull up the adjusting lever at outer front edge of the seat to move it backward and forward. After the seat is adjusted in place, release the adjusting lever, and then rock the seat backward and forward to make sure it has been locked on its slide rail.



Headrest

In case of a tail collision by the vehicle behind during traveling, the headrest can restrain movement of head to protect neck vertebrae. However, the headrest can play the role of protection only when it is adjusted to correct position.

Front Headrest



A height adjustable headrest is equipped on each front row seat. The passenger can adjust the seat headrest to an appropriate height according to his/her own stature, so that the headrest can play the role of effective protection.

Adjusting Method of Headrest

1. Press and hold the retainer clip, and then pull up or press down the headrest to an appropriate position.
2. The headrest will reach its optimal height when its upper end flushes with upper end of your head.

Disassembling and Installation Method of Headrest

When disassembling the headrest, press and hold the retainer clip at outside of guiding piece of the headrest by hand, meanwhile, pull the headrest out of the guiding piece; when installing the headrest, differentiate front/rear seat headrest first (front seat headrest is a little larger

while rear seat headrest is a little smaller), and piece until the retainer clip on the guiding

Rear Headrest

The adjusting method for rear headrest is the



During traveling, do not take off the headrest or adjust it to a too low position so as to avoid injury to neck during a collision due to lack of support on head. Adjust the headrest to an appropriate position.

Service and Maintenance

then push pin of the headrest into the guiding piece correctly engages with the pin.

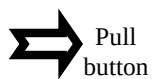
same as that for front headrest.

Rear Row Seat

Folding Rear Row Seat

Pull up the pull button shown in the figure to simply fold the seat back in the direction of the arrow shown in the figure.

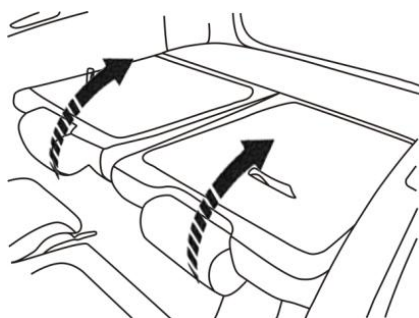
Service and Maintenance



Service and Maintenance

Restoring Rear Row Seat

Simply raise the seat back in the direction shown in the figure; when raising it, do not apply too large force so as to avoid damage to angle modulator of the seat back.

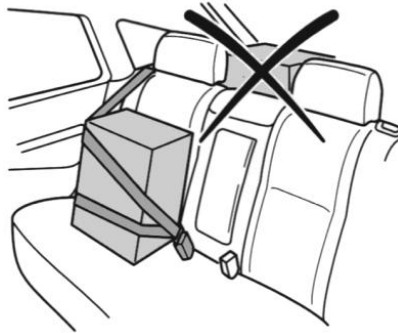


Carrying Luggage

By folding rear row seat, the rear of the vehicle will have enough space to place luggage.



In the luggage boot, luggage and other loaded articles should be placed in it as forward as possible. Driving the vehicle with tail gate open is extremely dangerous; excessive exhaust gas may be sucked into the vehicle from the opened luggage boot door.



Service and Maintenance

Service and Maintenance



When stacking such objects as luggage etc., do not let its height exceed the height of front row seat.

During traveling, do not let any passenger sit on the folded seat back.

Because, in case of a sudden stop or an accident, the luggage on the folded seat back that has not been bound and the passenger without protective devices may bump around in the vehicle or may be thrown out of the vehicle. This may result in serious injury or death.

Service and Maintenance



During traveling, both driver and passenger at front seat should properly fasten seat belt. Avoid wearing too wide and thick clothes. For optimal protection effect, the seat belt should be snug on your body.

Seat Belt

Be sure to use seat belt or child safety seat at any moment. One seat belt can not be shared by more than one people. Make sure the seat belt has been properly fastened without slackness, twist and obstacle.

SEAT BELT WARNING LIGHT



This light should light when ignition switch is turned on, and then it should keep lighting to remind passengers to fasten seat belts. After driver seat belt has been properly fastened, this light should go out.

Fastening Seat Belt

Smoothly draw out the seat belt. If you apply too large force or the vehicle is on a slope, the seat belt may lock up. The seat belt should be placed at center of outer shoulder. The lap belt should be snug on hip other than stomach.

To loosen the seat belt, press down the red button on the buckle and let the seat belt smoothly retract.

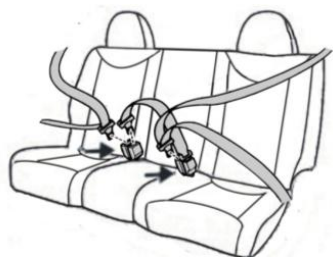
Make sure every seat belt uses correct buckle.

Service and Maintenance



If the seat belt can not be drawn out, pull it once at full tilt and let go of it, and then the seat belt can be smoothly drawn out.

The Two Point Type Seat Belt at Center of Rear Row Seat

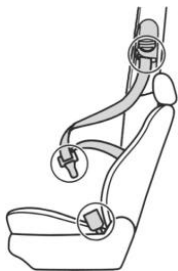


Service and Maintenance

Length of this seat belt can not be automatically adjusted. When using, insert the tongue plate into the clip until a clatter is heard, and then manually adjust its length to make the seat belt snug on your hip.

Maintenance of Seat Belt

Checking Seat Belt



Service and Maintenance

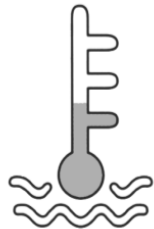
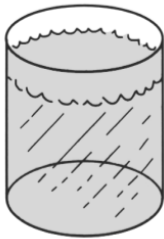
Regularly check seat belt for damage or wear.

Please have the seat belt that has been stretched ever (for example, after a traffic accident) immediately replaced and relevant components checked by a Chery Authorized Service Station.

Cleaning Seat belt



Buckle up at any moment and keep appropriate distance between seat belt and steering wheel. Only using seat belt can ensure that your body locates at the position where air bag can exert optimal effect.



Use the cleanser for inside of vehicle or clean lukewarm water to clean the seat belt and then air-dry it;

do not use the method of manual heating.



Do not attempt to repair or lubricate seat belt retractor or buckle mechanism and do not modify the seat belt by any means; otherwise, Chery Automobile Co., Ltd. will not be responsible for any problem resulting from such case.

Service and Maintenance



Do not use chemical cleanser, boiling water, bleaching powder or dye. Do not let moisture seep into the seat belt retractor mechanism.

Air Bag (*)

Using air bag together with seat belt can help reduce the risk of incurring serious injury during a bad crash accident.



Air bag will sound loudly when inflating; in addition, the harmless powder similar to smog will also be left behind, which are normal.

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The front row passenger should take the seated position shown at right side of above figure to get best protection.

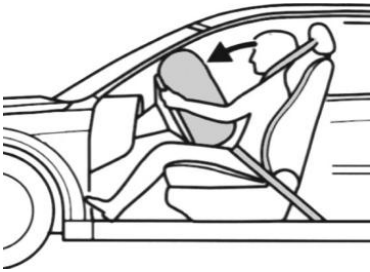
Front Air Bag



Seat and seat back must be properly located to cooperate with the air bag for optimal protection effect. Use an upright seated position and lower end of your back should fit the seat back as snug as possible with camber angle of the seat back not exceeding 25°. Please do not let front seat be too close to instrument desk. When driving, hold the steering wheel with arms slightly bending. This is a perfect driving pose,

Service and Maintenance

which helps reduce the risk of driver's being damaged when air bag opens.



Serious frontal collision (façade or within 30 °at left and right) will detonate front air bag. Within 1ms after the collision occurs, the air bag will inflate and swell; when touching body of the passenger, the air bag will immediately deflate to damp his/her forward movement. In case of side collision, the air bag will not be detonated.



Keep the clearance at front area of air bag at any moment and do not place anything in or above this area.

Air bag trouble warning light



When ignition switch is turned to the “II” position, the indicator light on dashboard will light and then go out after about 3~4 seconds, which indicates that no failure exists in air bag system.

If the indicator light does not light or it keeps intermittently or continuously lighting during driving, this indicates a failure. For your safety, please send your vehicle to a Chery Authorized Service Station for inspection.

The manufacturer of the air bag on this vehicle suggests that you should replace the air bag with a new one after ten year’s use, because then efficiency of aerating agent and performance of the air bag have been deteriorated.

If you do not know service life of the air bag on your vehicle well, Chery Authorized Service Stations are ready to inquire about relevant information for you.



Steering wheel, steering column and air bag system can only be repaired by trained technicians from Chery Authorized Service Station. Unexpectedly detonating air bag may cause injury.

Child Safety Seat

When installing the child safety seat, be sure to carefully read this operating instruction manual and observe the instructions of the manufacturer.



When the vehicle is running, do not hold child on our lap.



We suggest that children with age under 12 years old or stature under 150cm should use special child safety seat (such as baby seat, child safety seat or heightened seat cushion etc.) for riding.

The child safety seat must be applicable and approved by government. This type of safety seat should cooperate with seat belt to help provide best safety to children.

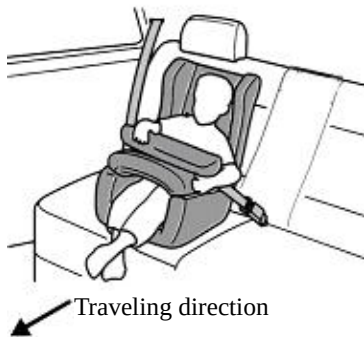
Service and Maintenance

- A baby with body weight less than 10kg or age under 1 years old should be placed in the lying bed for baby at rear seat to make him/her lie flat on the bed for restraint and fixation. The best protection method for babies and infants is to use rear-facing baby safety seat on rear seat.



Service and Maintenance

- A infant with age under 4 years old or body weight between 10-18kg should sit in the child safety seat at rear seat of the vehicle.



- A child with age between 4 and 12 years old or body weight between 18 and 36kg should sit in the rear seat with heightened seat cushion. Make sure that the adjustable auxiliary seat belt fixed at the heightened seat cushion properly goes across the shoulder diagonally. The heightened riding position can ensure that the seat belt for adult will be correctly guided to go through center of

Service and Maintenance

shoulder other than neck while the lap belt will be snug on hip other than stomach.



Each safety seat is only for one infant. According to the provisions in Road Traffic Safety Law, child is prohibited to sit in front seat and should use appropriate safety seat.

Service and Maintenance

CHAPTER SIX SERVICE AND MAINTENANCE

Service and Maintenance

During your use, it is indispensable to regularly perform maintenance to your vehicle. Please strictly follow the maintenance schedules in this manual to perform maintenances so as to ensure optimal performance and favorable running status of your vehicle and effectively prolong its service life. Regularly performing maintenance to your vehicle also enables you to duly find and clear hidden trouble and prevent occurrence of failure. This chapter will describe conventional methods for maintenance, inspection and service. Please carefully read it.

Maintenance and service falls into two categories: one is conventional maintenance, which can be done by the owner himself/herself; the other is scheduled maintenance, inspection and

service, which should be performed by Chery Authorized Service Station.

Please use special oil for Chery; otherwise, your vehicle may be damaged.

Please Ask Chery Service Station to Provide Service for You

Only original spare parts and material can ensure normal service life of your lovely vehicle. Here, please especially note that: Chery Automobile Co., Ltd. only provides original spare parts to Chery Authorized Service Stations, so, these service stations are the only places at which you can get the original spare parts.

Chery Authorized Service Stations are the exclusive professional maintenance points authorized by Chery Automobile Co., Ltd. They have the personnel who have gone through strict professional training held by Chery Automobile Co., Ltd. and will wholeheartedly provide you with top-quality after service. If you are not satisfied with the job of a Chery Authorized Service Station, please directly write to: helpdesk@mychery.com, and we will relieve your worry as soon as possible. When writing, please remember to include vehicle model, chassis number, engine number, kilometrage and date of delivery in your letter.

The Items You Must Perform

Regularly check liquid level and add oil and fluid. Check if tire pressure, lamps

Service and Maintenance

and braking action are normal. Check warning lights. (See the Scheduled Maintenance Schedule hereunder for your reference).

The reservoirs of brake fluid, coolant and power steering fluid are translucent container, which facilitates visual and quick inspection.

Before the operation in engine compartment, be sure to turn off ignition switch. Even if ignition switch has been turned off, cooling fan may automatically run. Therefore, take care to avoid clothes (tie) being entangled into fan or drive belt.

General Vehicle Maintenance



Only use the car wash that does not

destroy ecosystem and sewerage.



The used engine oil, brake fluid, antifreeze, batteries and tires can only be disposed by the qualified waste disposal facilities or you can consult the supporting manufacturers. Do not dump them together with domestic waste or discharge them into public sewerage.

Everyone should concern environmental protection and do his/her bit.

Maintenance Schedule

Daily Inspection:

Working status of all exterior and interior lamps. Replace burned or dim bulb and make sure all lens are clean.

When adding fuel, please check:

- Engine oil level
- Brake fluid level
- Windshield washer fluid level
- Pressure and status of tires (only under cold state)
- Check all pipelines of ventilation

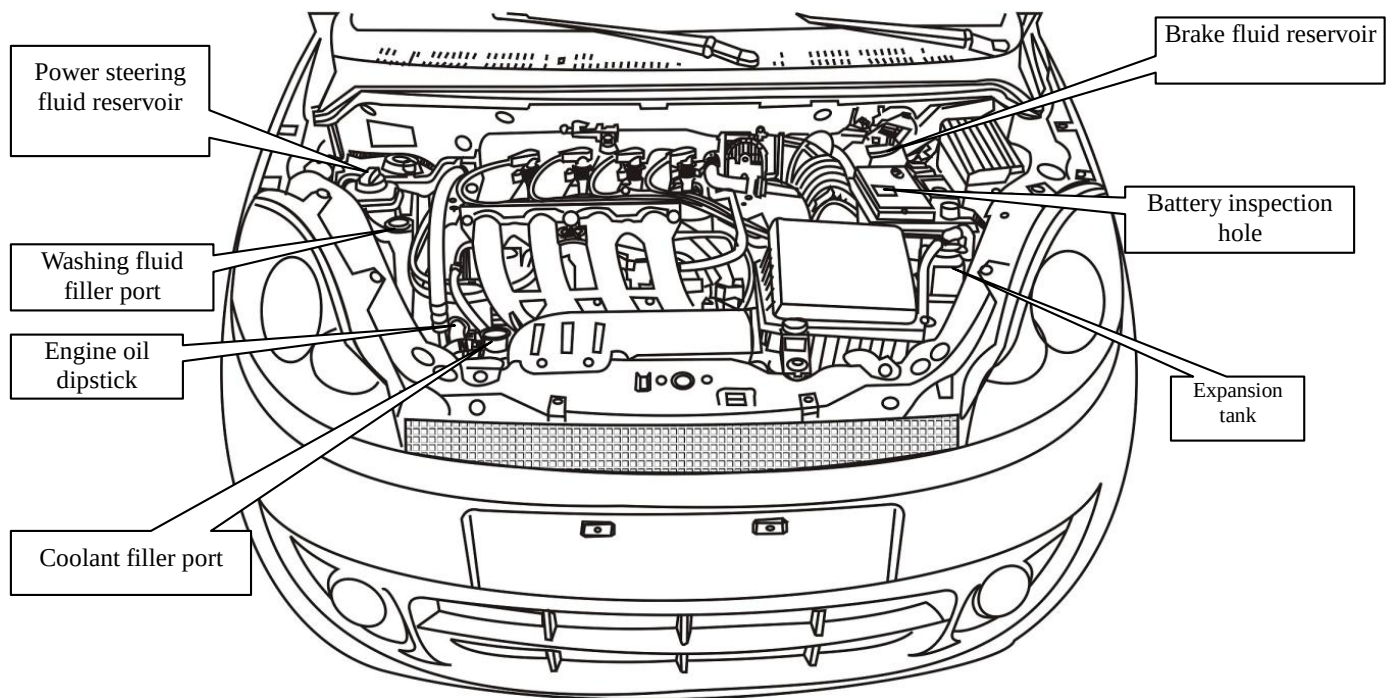
Service and Maintenance

system of crankcase for wear and folding.

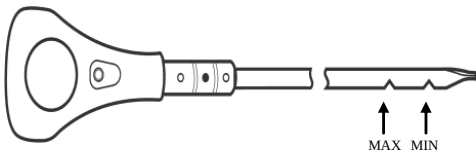
Monthly Inspection:

- Coolant level (under cold state of engine)
- If any assembly, pipeline, hose or oil tank leaks.
- Brake fluid level
- Power steering oil level
- If A/C works well
- If hand brake works well
- If horn works well
- If any tightening part gets loose
- If pressure of spare tire is favorable

Maintenance Items in Engine Compartment



Engine Oil Dipstick



Engine oil consumption is affected by many factors. For a new engine, after about 5,000km, it will reach the normal consumption value. When an engine is running under heavy load, it consumes more engine oil.

Please regularly check engine oil, for example, when adding fuel or before a long journey.

When checking engine oil, please park your vehicle on level ground. Turn off ignition switch and wait for several minutes to let engine oil flow into oil pan (when outside temperature is too low or

engine does not reach its operating temperature yet, this requires more time).

Before check engine oil, please do not start engine under cold state. Pull out oil dipstick, use a downless cloth to wipe it up, fully reinsert it and then pull it out again.

If oil level is between MIN and MAX marks at lower end of the dipstick, you need not add engine oil. Level of hot engine oil may exceed the upper gap mark for several millimeters due to thermal expansion.

If oil level is at or below the lower MIN mark, only add the engine oil in compliance with specifications of Chery to between MIN and MAX marks. See the chapter “Capacities and Specifications” for details.

Engine Oil Filler Cap



To open the filler cap, turn it counter-clockwise and then pull it out. Please do not open the filler cap when engine is running.

Turn the filler cap clockwise until a click is heard, this indicates that it has been closed.

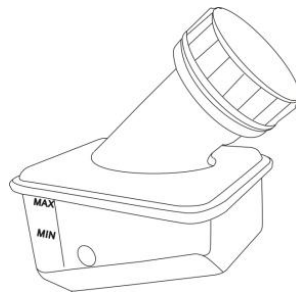
Service and Maintenance

Never use engine oil additive or engine treating compound. They not only are needless but also may damage the engine under certain cases. This kind of damage is not covered by the warranty coverage.

Empty used oil container should not be mixed with domestic waste to be discarded. When discarding these articles, please ask qualified local waste disposal facilities to dispose them.

Brake Fluid

Do not let this liquid contact skin or eye. If such case occurs, flush the affected part with abundant



The brake fluid reservoir locates at rear right of engine compartment. The oil level must be between MIN and MAX marks at side of the reservoir. If oil level falls to the MIN mark, the brake system warning light on instrument panel will light.

Only add the brake fluid in compliance

with specifications of Chery. See the chapter “Capacities and Specifications”. Please send it to a Chery Authorized Service Station as soon as possible for inspection of system leak.

When adding brake fluid, be sure to ensure it is absolutely clean.

If oil and fluid contact paint finish, please use a wet sponge to wipe off or use abundant clear water to flush the paint finish.

Service and Maintenance

Engine Coolant Reservoir

A1 is equipped with a main water tank and a auxiliary water tank. When adding coolant, observe the following method.

Filling method at filler cap: when engine is under cold state and still, turn the filler cap clockwise and force down to open it to fill. Add until coolant can be seen from the filler port and then stop filling. Screw the filler cap down, start engine and leave it run at idle speed for about 1 minute, and then shut the engine off. Open the filler cap to continue to add coolant until coolant can be seen from the filler hole.

When engine water temperature is high or at each maintenance, remember to duly add coolant from the coolant filler cap.



The method for filling coolant into auxiliary water tank: when engine is under cold state and still, draw filler cap on auxiliary water tank upward to open it; the filling volume of coolant must exceed the minimum scale MIN and be below MAN line.

Frequently observe coolant volume in auxiliary water tank; when coolant level is below the scale MIN, duly add.

Do not mix the coolant of different colors and specifications.



Service and Maintenance

Please do not open the filler cap when engine is running or it is hot; otherwise, coolant may be sprayed out of the system to result in scalding or corrosion to other parts and components.

Coolant level can be seen through the translucent auxiliary water tank reservoir. When engine is under cold state, the coolant level should be between MIN and MAX marks.

If you have to add coolant when engine is hot, wait for 10 minutes first to let engine cool down. First unscrew the filler cap for 1/4 turn to release the pressure inside. Wait for a period of time and then

completely open it. Add the coolant in compliance with the specifications of this vehicle.

The coolant is a kind of toxic liquid and it can not be used to wash hand or clothing. When adding coolant, be extremely careful to avoid it spilling onto any part of engine. If you let the liquid contacts skin or eye inadvertently, please flush the affected part with abundant clear water and immediately see a doctor.

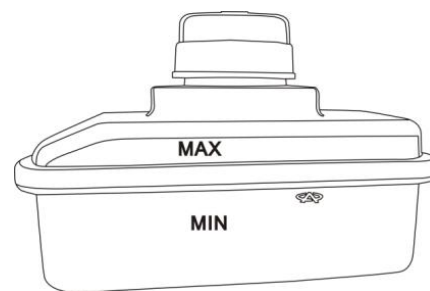
Using the coolant of correct concentration can not only protect engine from freezing in winter but also provide anticorrosion protection throughout the year. Modern

engines run under extremely high temperature and inferior coolant can not provide cooling system with proper anticorrosion protection.

Therefore, please use the coolant in compliance with specifications of Chery.

See the chapter “Capacities and Specifications” for its capacity.

Checking power steering fluid level



When engine is under cold state, the fluid

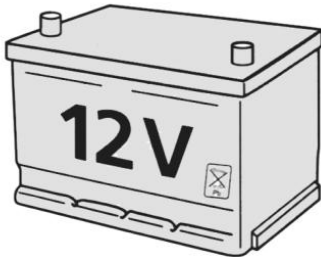
Service and Maintenance

level should reach the MAX mark.

If the level is below the MIN mark, be sure to add the specified oil and fluid.

Please select the power steering fluid in compliance with the specifications of Chery.

Battery



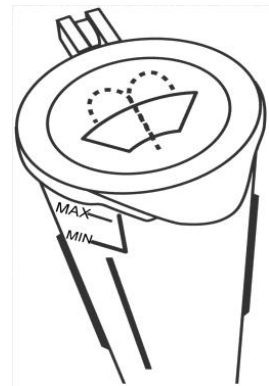
An inspection hole for display of status of battery is set on the battery; please charge or replace the battery according to the prompt in the inspection hole. The prompt in the inspection hole is only for reference;

please consult a Chery Authorized Service Station for details.

Your vehicle is equipped with a maintenance-free battery. We do not recommend using batteries of other types. The current and capacity of the new battery must accord with the old one or with the Chery specification. For correct specification of the battery, please consult a Chery Authorized Service Station.

Windshield System

Washer

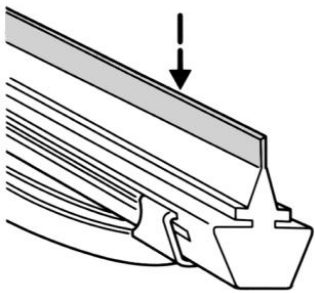


Water in the washer system is supplied by the reservoir. When necessary, add clear water and windshield washer fluid in a concentration of (1:20).

After adding, properly cover cap of the reservoir.

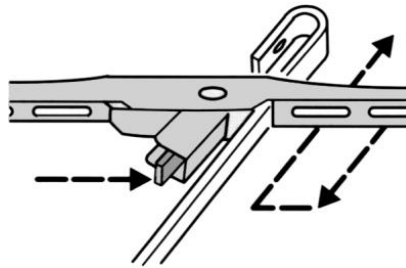
Service and Maintenance

Checking wiper blade



Slide your finger tip along edge of wiper blade to check roughness of the wiper blade. Grease, silicone resin and fuel may make the wiper blade unable to work normally. We suggest you use glass washer fluid to clean the wiper blade.

Replacing Wiper Blade



Lift wiper arm and make it form a right angle with wiper blade. To disassemble the wiper blade, press down the retaining clip as shown by the arrow, loosen the wiper blade, and then pull the wiper arm apart in adverse direction.

Tire

For your safety, please check tire pressure after the tire has cooled down (including

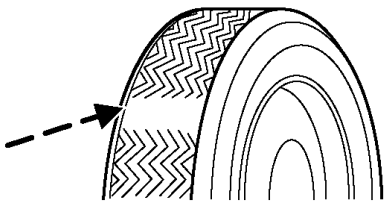
spare wheel). See the chapter “Capacities and Specifications” for details on recommended tire pressure.

Under heavy load and during joy ride, you should especially observe the correct tire pressure. Under-pressure of tire will reduce stability, increase rolling resistance and quicken wear of tire, which will cause the damage that may result in traffic accident.

If you have to drive onto curb, be sure to slowly do it; if possible, make wheels form right angle to approach. Avoid the obstacles that are upright or have sharp edge. When parking, take care not to scratch side wall of tire.

Regularly check surface of tire for nick, foreign material and uneven wear. Uneven wear of tire thread indicates possible incorrect wheel alignment.

Service and Maintenance



In relevant laws and regulations, wear depth of tread has been restricted. Note that when the wear depth reaches the limit of 3mm, a wear band will appear on the thread, which indicates that the performance and safety of the tire has been badly reduced at the time and it must be replaced.



Please observe local provisions on environmental protection to dispose the worn tires. Once road status permits, immediately replace the tires for

winter with the ones for summer. This can reduce fuel consumption and noise.

Replacing Tire

The tires used on your vehicle have been properly selected to provide optimal operating control performance, comfort and safety of vehicle. Above combination of tire-rim is specified to apply to steel or aluminum alloy rim; to know if the tires and rims of other types apply to this vehicle, please consult a Chery Authorized Service Station.

We suggest in earnest that you use original tire or refer to the advices of a Chery Authorized Service Station when installing a tire.

The speedometer will be affected by the size of the tire used on the vehicle. If the

tire size (diameter) is different from that of an original one, driving speed can not be displayed correctly.

Improper tire and rim may result in the accident which is not covered by the warranty coverage.

To install nonstandard tire or rim (for example, light alloy rim or the wheel using the tire for winter), be sure to observe relevant instructions or consult a Chery Authorized Service Station.

Service and Maintenance

Snow Antiskid Chain

The snow antiskid chain can be used with the tires for summer and the ones for winter, but it can only be used on driving wheels (front wheels).

When using snow antiskid chain, driving performance of a vehicle equipped with antiskid control system may be abnormal. This phenomenon will be removed when the system is shut off.

In order to avoid the full diameter wheel cap being damaged, remove it before installing the antiskid chain.

After the antiskid chain is removed, immediately reinstall the wheel cap.

1. When using snow antiskid chain, the driving speed should not

Wheel Train Belt

Drive belt is one of the parts on the vehicle that are under most inclement stress status, so, quality of the belt must be superior and reliable so as to meet working demands.

When replacing the drive belt, only selecting one belt of the same size can not meet the requirements. For the sake of safety, be sure to use the original belt of

our company. The original drive belts are available at our authorized service stations.

Note:

After being used for a period of time, the drive belt will extend a little. When amount of extension reaches a certain degree, the belt will become too loose, which will result in failure and damage the vehicle. Therefore, check tightness of generator belt once every 1,000km.

Checking Tightness of Drive Belt

Turn off ignition switch and then take off the key.

Use thumb to press middle part of the belt

Service and Maintenance

(with a force about 100N) to check deflection of the belt:

Maximum permissible deflection: 10mm.

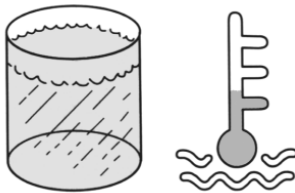
If the deflection exceeds the permissible value, please drive to a Chery Authorized Service Station for adjustment.

Washing the Car



Please use the car wash that does not destroy ecosystem and sewerage. The most important factor for protection of paint coat of vehicle is to use clear water.

Only Cold Water or Lukewarm Water Can be Used to Wash Vehicle



Automatic Car Washer

The best method for washing car is the brushless car washing in good car washes. In the car washes where use high pressure water to operate, the strong water flow may be sprayed into inside of the vehicle.

Manual Flushing

If using car washing distillate, please use abundant clear water to flush, and then use a dry cloth to dry the vehicle up.

When washing car, the water from water torch may enter intake pipe of engine through the intake grille on hood or enter inside of engine, which will badly damage the engine. Therefore, when washing your vehicle, do not direct the water torch to the intake grille.

Before entering an automatic car washer, please turn off warm air

Service and Maintenance

After a car washing, slightly apply brake for several times during traveling to remove the moisture on brake disc.

Cleaning Headlamp

In order to damage the plastic lens of headlamp, do not use invasive abrasive or chemical dissolvent. Never wipe headlamp when its mirror surface is dry or use sharp article to clean the lens.

Cleaning Rear Windshield

When cleaning rear windshield, in order to avoid damage to heating module and radio

antenna, only use soft cloth to wipe. Never use dissolvent or sharp article to clean the glass.

Anticorrosion of Chassis

Anticorrosion treatment has been applied on chassis of the vehicle. Regularly check anticorrosion protection of chassis; if necessary, have it repaired by a Chery Authorized Service Station.

Washing Wheels

Depending on kilometrage and distance, clean the wheels weekly to avoid dust residue caused by braking. Use wheel detergent or lukewarm water and soft sponge. Do not use friction material so as to avoid damage to special finished

surface.

Cleaning Articles

To obtain optimal effect, please properly use the maintenance articles for vehicle.

Paint Stripping Treatment

Please drive to a Chery Authorized Service Station to have the damage or slight scratch on paint finish caused by broken stones on road surface treated.

Protection of Vehicle Paint

Waxing paint finish of your vehicle yearly or semiyearly will help protect slickness of the paint finish.

Service and Maintenance

When polishing the vehicle, take care not to let polishing compound contact with plastic surface; otherwise, it is difficult to clear it. In addition, do not polish the vehicle under strong sunlight.

In order to ensure durability of paint finish of the vehicle, duly clear anything that may do harm to the paint finish, such as bird dropping, resin, residue of insect and tar stain etc.

Maintenance of Leather Facing

Use a wet cotton cloth and a towel to wipe surface of leather and then dry the surface up with a clean soft cloth. For an extremely dirty surface, use neutral cleanser such as soap foaming agent to clean. During the period of normal use, we suggest you perform leather maintenance once every 6 months using special maintenance agent for leather.

Do not dampen the leather excessively; especially take care not to let water enter the gap.

Use appropriate leather cleaning material and cleanser only.

Cleaning Radiator

After having traveled for a period of time, the windward faces of condenser and radiator of the complete vehicle may be blocked by some insects, tree leaves and other foreign bodies. Then, performance of air conditioner and cooling system will be affected, which may result in the air conditioner's failure to work normally and overheat of cooling system etc. At the time, radiator and condenser require cleaning.

It is preferable to clean façade of radiator yearly. You can use compressed air or water to clean fins of radiator and blow off small insects and tree leaves etc. When flushing condenser, blow air through radiator from rear to front.

Pressure of air and water should not exceed 150kPa. If the pressure exceeds

Service and Maintenance

150kPa, condenser and fins of radiator will be damaged.

Fins of radiator are necessary for good heat conduction. Do not brush the fins; otherwise, they may be damaged and heat conduction may be reduced.

Never spray water onto hot radiator; otherwise, the hot gas generated may cause personal injury. Flush with water only when engine does not work and is cool.

Service and Maintenance

Provisions on Scheduled Maintenances

Please drive to a Chery Authorized Service Station for the maintenance at the specified kilometrage.

Maintenance item	Kilometrage (Km)		
	5000	15000	30000
Illumination, warning devices and flashers, horn: performance inspection		★	★
Wiper and washing unit: performance inspection, if necessary, add washer fluid.		★	★
Check free stroke of clutch and level of clutch oil, if necessary, adjust.		★	★
Engine oil: change	★	★	★
Engine oil filter: replace	★	★	★
Transmission fluid: check level and color of the fluid, if necessary, add.	★	★	★
Engine: Check it for leakage (engine oil, antifreeze, fuel and A/C system etc.)	★	★	★
Battery: check level of electrolyte, if necessary, add distilled water (equipped with non maintenance-free battery)		★	★

Service and Maintenance

Maintenance item	Kilometrage (Km)		
	5000	15000	30000
Timing belt: check its wear status and tightness, if necessary, adjust or replace.			★
Hinge and lock body on hood: lubricate	★	★	★
Door hinge and door check: lubricate	★	★	★
Spark plug: check, if necessary, replace.		★	★
Air cleaner: clean housing and clear cartridge, if necessary, replace the cartridge.	★	★	★
A/C filter: check its cleanliness, if necessary, replace.		★	★
Ignition timing: check	★	★	★
Fuel filter: replace			★
Wedge belt: check it for tightness, if necessary, adjust or replace.		★	★
Transmission: check it for leak or damage		★	★
Boot of constant velocity universal joint: check it for damage	★	★	★
Head of steering tie rod: check its clearance and check if the dust boot is damaged.	★	★	★
Bushing of steering universal joint assembly: check it for misalignment and damage		★	★
Hand brake: check its stroke, if necessary, adjust.		★	★

Service and Maintenance

Maintenance item	Kilometrage (Km)		
	5000	15000	30000
Brake lining/brake shoe: check its thickness, if necessary, replace.	★	★	★
Brake disc/brake drum: check if it works normally and check it for damage, if necessary, replace.		★	★
Protective layer at bottom of body: visually observe for damage			★
Seat belt: check it for damage		★	★
Toe-in and camber angle: check, if necessary, adjust.		★	★
Ball pin: check clearance		★	★
Rubber hinge of rear axle: check it for damage		★	★
Wheel direction joint/front wheel bearing: check connection for looseness and abnormal noise			★
Bolt of engine oil pan: check it for looseness, if necessary, tighten.			★
Rubber sleeve of control arm: check it for damage		★	★
Brake hose: check it for aging and damage		★	★
Brake hard tube: check it for damage and corrosion and check all joints for leak.		★	★
Suspension module: check it for abnormal looseness or friction and damage and check if it works normally.	★	★	★

Service and Maintenance

Maintenance item	Kilometrage (Km)		
	5000	15000	30000
All joints in fuel system: check them for aging, damage, abnormal looseness or friction.			★
Exhaust system: check it for leak and damage, if necessary, adjust or replace.		★	★
Steering system: check level of power steering fluid and if the clearance between rack and pinion of steering gear is appropriate; check connecting status of all connecting pieces and if the system works normally; if necessary, repair or replace.		★	★
Cooling system: check level of antifreeze; check status of all connecting pipes for leak, if necessary, replace.	★	★	★
Brake system: check level of brake fluid; check status of all connecting pipes for leak and damage; check working status of the system; if necessary, repair or replace.	★	★	★
A/C system: check if its pressure is normal; check it for leak, abnormal noise and foreign flavor; check if it works normally.	★	★	★
Tire (including spare tire): check depth of pattern, adjust tire pressure, and check tightening torque of wheel bolt.	★	★	★
Tire transposition		★	★
Connecting bolt of chassis and body: check it for looseness, if necessary, tighten.	★	★	★

Service and Maintenance

Maintenance item	Kilometrage (Km)		
	5000	15000	30000
Wheel: check it for looseness	★	★	★
Check engine idle speed: check working status of engine at idle speed and check if electronic fuel injection parameters and emission are normal, if necessary, adjust.	★	★	★
Test drive: check if functions of all mechanisms are normal, if necessary, adjust.	★	★	★
Note: for a manual transmission, be sure to change transmission gear oil every 1 year or 30,000km and be sure to change brake fluid every 2 year or 50,000km.			

Service and Maintenance

Maintenance card for initial



Chery

5,000km

**(Within 6 months after
date of purchase)**

Date: _____

Kilometrage: _____

Nature of use: _____

License plate No.: _____

Seal of service station

Signature of owner:



Seal of service station

Data of vehicle

Chassis No.

Vehicle model

Description of model

Engine No.

Transmission No.

Paint No./inside equipment

Optional parts

Owner of the vehicle: _____

Organization (name): _____

Address: _____

Tel: _____

E-Mail: _____

Date of purchase: _____

Nature of use: _____

License plate No.: _____

Service and Maintenance

Maintenance card for initial 5,000km (within 6 months after date of purchase)

Date: _____ Kilometrage: _____

Inspection item:	Yes	No	Inspection item:	Yes	No
1. Check lubrication system, cooling system and fuel system for leak.	☐	☐	11. Check tightness of generator belt and A/C belt, if necessary, adjust the tightness.	☐	☐
2. Change engine oil and replace engine oil filter.	☐	☐	12. Check hinge and lock tongue on hood.	☐	☐
3. Check level and color of transmission fluid, if necessary, add.	☐	☐	13. Check A/C system for leak.	☐	☐
4. Check level of coolant, if necessary, add coolant or adjust its concentration.	☐	☐	14. Check power steering pipeline for leak and add power steering fluid.	☐	☐
5. Check driver for leak.	☐	☐	15. Check installation and breakage status of dust boot of steering universal joint.	☐	☐
6. Check dust boot of steering tie rod for damage.	☐	☐	16. Check if it is smooth when shifting among positions of manual driver.	☐	☐
7. Check dust boot of drive shaft constant velocity universal joint for damage.	☐	☐	17. Check connecting bolt of chassis and body for looseness.	☐	☐
8. Check brake fluid for leak and check brake pipe for damage.	☐	☐	18. Check if seat belt works normally.	☐	☐
9. Check if all brake slave cylinders effectively work.	☐	☐	19. Check if working status, electronic fuel injection parameters and emission are normal when engine is idling.	☐	☐
10. Check inflation pressure of tire for specification compliance.			20. Check if functions of all mechanisms are normal during test drive.	☐	☐



Maintenance Card for Initial 5,000km

Date: _____

Kilometrage: _____

Nature of use: _____

License plate No.: _____

Seal of service station

Signature of owner: _____

Service and Maintenance

Maintenance Certificate

Scheduled Maintenance

Perform the maintenance items for 5,000km kilometrage at 10,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Scheduled Maintenance

Perform the maintenance items for 15,000km kilometrage at 15,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Scheduled Maintenance

Perform the maintenance items for 5,000km kilometrage at 20,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Perform maintenance according to the items in provisions on scheduled technical maintenance for A1 car (kilometrage and time in above maintenance period will be the calculation base, whichever comes first)

Service and Maintenance

Scheduled Maintenance

Perform the maintenance items for 5,000km kilometrage at 25,000km kilometrage or 6 months after previous maintenance.

Date: _____

Kilometrage: _____

Seal of service station

Signature of owner

Appointed maintenance time or kilometrage for next maintenance

Date: _____

Kilometrage: _____

Scheduled Maintenance

Perform the maintenance items for 30,000km kilometrage at 30,000km kilometrage or 6 months after previous maintenance.

Date: _____

Kilometrage: _____

Seal of service station

Signature of owner

Appointed maintenance time or kilometrage for next maintenance

Date: _____

Kilometrage: _____

Scheduled Maintenance

Perform the maintenance items for 5,000km kilometrage at 35,000km kilometrage or 6 months after previous maintenance.

Date: _____

Kilometrage: _____

Seal of service station

Signature of owner

Appointed maintenance time or kilometrage for next maintenance

Date: _____

Kilometrage: _____

Perform maintenance according to the items in provisions on scheduled technical maintenance for A1 car (kilometrage and time in above maintenance period will be the calculation base, whichever comes first)

Service and Maintenance

Scheduled Maintenance

Perform the maintenance items for 5,000km kilometrage at 40,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Scheduled Maintenance

Perform the maintenance items for 15,000km kilometrage at 45,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Scheduled Maintenance

Perform the maintenance items for 5,000km kilometrage at 50,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Perform maintenance according to the items in provisions on scheduled technical maintenance for A1 car (kilometrage and time in above maintenance period will be the calculation base, whichever comes first)

Service and Maintenance

Scheduled Maintenance

Perform the maintenance items for 5,000km kilometrage at 55,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Scheduled Maintenance

Perform the maintenance items for 30,000km kilometrage at 60,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Scheduled Maintenance

Perform the maintenance items for 5,000km kilometrage at 65,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Perform maintenance according to the items in provisions on scheduled technical maintenance for A1 car (kilometrage and time in above maintenance period will be the calculation base, whichever comes first)

Service and Maintenance

Scheduled Maintenance

Perform the maintenance items for 5,000km kilometrage at 70,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Scheduled Maintenance

Perform the maintenance items for 15,000km kilometrage at 75,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Scheduled Maintenance

Perform the maintenance items for 5,000km kilometrage at 80,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Perform maintenance according to the items in provisions on scheduled technical maintenance for A1 car (kilometrage and time in above maintenance period will be the calculation base, whichever comes first)

Service and Maintenance

Scheduled Maintenance

Perform the maintenance items for 5,000km kilometrage at 85,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Scheduled Maintenance

Perform the maintenance items for 30,000km kilometrage at 90,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Scheduled Maintenance

Perform the maintenance items for 5,000km kilometrage at 95,000km kilometrage or 6 months after previous maintenance.

Date: _____
Kilometrage: _____

Seal of service station
Signature of owner
Appointed maintenance time or kilometrage for next maintenance

Date: _____
Kilometrage: _____

Perform maintenance according to the items in provisions on scheduled technical maintenance for A1 car (kilometrage and time in above maintenance period will be the calculation base, whichever comes first)

Service and Maintenance

Safety Protection

If your vehicle is equipped with air bag system, the air bag must be replaced within 10 years after the date of purchase and this work must be performed by a Chery Authorized Service Station.

In order to ensure normal working of air bag system, be sure to drive to a Chery Authorized Service Station to have your air bag system replaced at specified schedule.

If you need to replace the air bag system before the specified date (for example, after an accident), please carefully fill in the replacement record for future reference.

Replacement Record of Safety System

☐ Driver air bag

☐ Front seat passenger air bag

☐ Left side air bag

☐ Right side air bag

☐ Air bag control module

☐ Air Bag Cable

☐ Pre-fastening seat belt

☐ Other components

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

Date: -----

Seal of authorized service station:

Replacement Record of Safety System

☐ Driver air bag

☐ Front seat passenger air bag

☐ Left side air bag

☐ Right side air bag

☐ Air bag control module

☐ Air Bag Cable

☐ Pre-fastening seat belt

☐ Other components

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

Date: -----

Seal of authorized service station:

Capacities and Specifications

Replacement Record of Safety System

- ☐ Driver air bag
- ☐ Front seat passenger air bag
- ☐ Left side air bag
- ☐ Right side air bag
- ☐ Air bag control module
- ☐ Air Bag Cable
- ☐ Pre-fastening seat belt
- ☐ Other components

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

Date: -----

Seal of authorized service station:

Replacement Record of Safety System

- ☐ Driver air bag

Capacities and Specifications

- ☐ Front seat passenger air bag
- ☐ Left side air bag
- ☐ Right side air bag
- ☐ Air bag control module
- ☐ Air Bag Cable
- ☐ Pre-fastening seat belt
- ☐ Other components

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

Date: -----

Seal of authorized service station:

Replacement Record of Safety System

- ☐ Driver air bag
- ☐ Front seat passenger air bag
- ☐ Left side air bag

Capacities and Specifications

- ☐ Right side air bag
- ☐ Air bag control module
- ☐ Air Bag Cable
- ☐ Pre-fastening seat belt
- ☐ Other components

1. -----

2. -----

3. -----

4. -----

5. -----

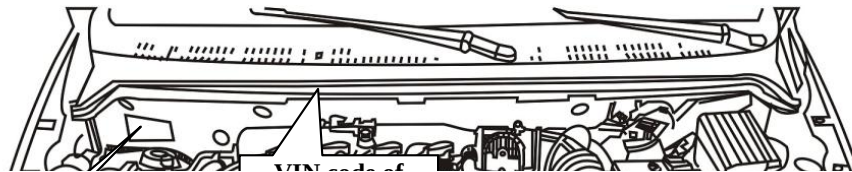
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Date: -----

Seal of authorized service station:

CHAPTER SEVEN CAPACITIES AND SPECIFICATIONS

Vehicle Identification Direction



Capacities and Specifications

Vehicle Identification No.

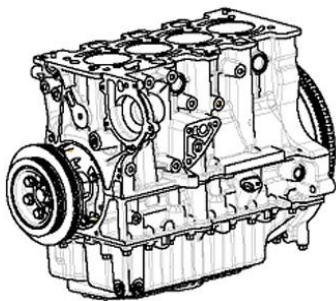
The vehicle identification number (VIN code) of Chery A1 model is printed under the drip rail on front wall (as shown in the figure above).

Capacities and Specifications

ENGINE NO.

Engine No.

The number of SQR473F series engine locates on the cylinder block boss beside engine oil filter at engine exhaust side (see the figure below).



VEHICLE DATA NAMEPLATE

O	Chery Automobile Co., Ltd. (Made in China)
	Brand Chery Type: SQR_____Seating Capacity: ____
	Number leaving factory: _____
	Date of manufacture: _____
	Engine model: _____
	Rated power of engine: _____
	VIN code: _____
Displacement of engine: _____total mass: _____	

The nameplate of the car delivered is fixed on the front wall at lower right of front windshield.

Fuel

Fuel Tank Capacity:

Gasoline Engine: 43 L

Only use quality fuel of undermentioned

fuel grade that containing cleanser and other additives. Using low grade fuel may damage the engine.

In case the quality fuel that containing additives is temporary unavailable, or when the engine presents the failures such as difficult start, unstable idle speed or power decline, the proper additives shall be added during the refueling. The fuel additives have the effects of preventing engine rust and encrust and cleaning fuel supply system.

The Chery Authorized Service Station has the stock of fuel additives verified by Chery and the service station staff who mastered the application method of fuel additives and the treatment of engine encrust will provide service to you sincerely.

When filler cap is opened, you can hear a

Capacities and Specifications

hiss, which is normal.

Above No. 93 Unleaded Gasoline (Octane Number above 93)

The usage of gasoline with the grade lower than No. 93 is not permitted; otherwise it may damage the engine, which is excluded from the warranty scope.

The vehicles equipped with catalytic converter can only use unleaded gasoline.

In order to avoid the accidents of refueling wrong gasoline, the fuel tank is of neck-down type oil filler design and therefore only the refueling gun of unleaded gasoline can insert into the oil filler for refueling.



If you accidentally refuel the leaded gasoline to the fuel tank, do not start the engine (Even only a little leaded

series gasoline engine, the filling volume is 3.5L. Your gasoline engine is designed to use this type of engine oil. Please strictly abide by this provision so as to achieve best performance.

Engine Oil

Engine Replacement

Oil

Please use the special engine oil for Chery auto.

For a SQR473F series gasoline engine, the filling volume is 3.5~4.0L; for a SQR472F



Do not use the additives or engine treatment that not verified by Chery. Such additives not only have no usage necessity but also may damage the engine under certain conditions, which is excluded from the warranty scope.

Capacities and Specifications

Refueling engine oil

The Chery Authorized Service Station will keep the record of relating oil replacement dates and use recommended engine oil. The refueling of engine oil shall not exceed the MAX mark of the dip stick. The Chery Authorized Service Station is willing to provide assistance if you need detailed suggestions or information.



Do not use the engine oil that not meets the above specification and requirement, otherwise it may damage the engine, which is excluded from the warranty scope.

Automotive oil

Please replace the oil in accordance with

the interval as shown in the part of Care and Maintenance.

Transmission oil

M/T Manual Transmission

Please use the special transmission oil for Chery auto.

For a QR513MHA transmission, the filling volume is $1.8 \pm 0.1L$;

For a QR512 transmission, the filling volume is 2.1L.

Power Transmission Oil

Use the hydraulic oil that meets Chery specification.

Braking liquid

Please use Dot4 brake fluid. Use Dot4 brake liquid and add to MAX mark depending on the demand. Only use olefin-free brake liquid.



Under heavy load condition (Such as trailing tail vehicle or long-term driving in mountainous district), the brake liquid also shall be replaced at the same time with replacing brake lining. When infusing brake liquid, you should keep absolutely clean since any dirt that penetrated into the brake system may cause the loss of brake performance

Capacities and Specifications

Coolant

Use the coolant that meets the Chery specification. The Chery Authorized Service Station has the stock of Chery OEM oil.

Windscreen washer fluid

Fill the reservoir with the windshield washer concentrated solution (designated by Chery) and water (1:20). Please use winter windscreen washer fluid in case of low exterior temperature.

Please refer to the instruction on container for correct concentration.

The empty/scrap engine oil containers and strainers shall not be

Table of Capacities and Specifications

Capacities and Specifications (L)	
Engine Oil (Including strainer)	For SQR473F series: 4.0L ± 0.5 L For SQR472F series: 3.5 L
M/TManual Transmission	QR513MHA: 1.8 ± 0.1L QR512: 2.1L

Power Assisted Steering	MAX mark
Cooling System	For 1.3L displacement: 6.5L For 1.1L displacement: 6.0L
Windscreen Cleaning System	MAX mark
Fuel Tank	43L
Brake Liquid /Clutch Oil Tank	MAX mark

Vehicle weight

The kerb weight is the weight that the vehicle is capable of driving, including coolant, lubricating oil, 90% filled fuel tank, tools, spare wheel and driver weight (75 kg).

The effective load is the allowable total weight subtracted by the kerb weight.

The option parts and follow-up supplemental facilities will reduce the

Capacities and Specifications

effective load.



Please abide by the vehicle load defined in the manual (If applicable) and do not exceed the allowable total weight, otherwise it may cause the change of brake and operate and control performance and also may cause accidents.

Complete Vehicle Unladen Mass

Vehicle Type	SQR7130S12、SQR7130S126、
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Capacities and Specifications

Complete vehicle unladen mass (kg)		1040
Complete vehicle unladen axle load mass	Front axle (kg)	662
	Rear axle (kg)	378
Factory-set max. laden mass (including passengers) (kg)		375
Factory-set max. total mass (kg)		1415
Axle Load Mass on Manufacturer Maximum Total Mass	Front axle (kg)	770
	Rear axle (kg)	645
Passenger capacity (including driver)		5

Capacities and Specifications

Wheel and tyre

Tyre pressure

The pressure of cold tyre shall be inspected before your journey (Don't forget the pressure of spare tyre).

Tyre pressure (cold tyre) (kpa)

Item		Tyre pressure (kPa)	Spare tyre
Front wheel	No load/half load	220	250
	Full load	240	
Rear wheel	No load/half load	220	
	Full load	240	

Tyre pressure notice

- The tyre pressure shall be inspected at least once each month. The tyre pressure is very important especially for high speed driving.
- The pressure values listed in the table are applicable to cold tyre. The tyre pressure will be increased slightly when getting heated; however, it's no necessity to depress the pressure.
- The pressure values listed in the above table shall increase 20Kpa when using winter tyre.
- In order to facilitate your search of specified charging pressure value, there has self-adhesive label stuck in the inner side of the fuel filler cap, on which is printed with the specified value of tire charging pressure.

Wheel bolt tightening torque

Tightening torque of wheel bolts: $110 \pm 10 \text{ N}\cdot\text{m}$.

Capacities and Specifications

Wheel

Tire	Rim
175/60R14×79H	5J×14 ET+46

Capacities and Specifications

ENGINE DATA		
Model	SQR473F	SQR472F
Type	Vertical type, water-cooling, 4 stroke, in-line double overhead camshaft, 4 valve, multi point electric control gasoline injection	Vertical type, water-cooling, 4 stroke, in-line double overhead camshaft, multi point electric control gasoline injection
Cylinder diameter (mm)	73	72
Piston stroke (mm)	77.5	66.5
Displacement (ml)	1297	1083
Compression Ratio	10	9.5:1
Rated power (net power) (kW)	61	50
Revolution at rated power (r/min)	6000	6000

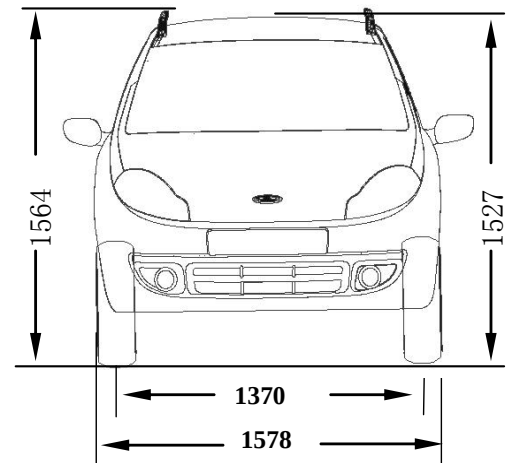
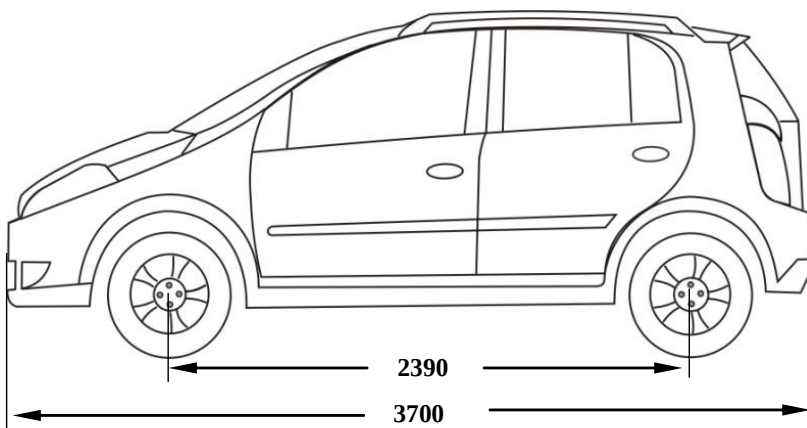
Capacities and Specifications

Max. torque (N.m)	114	90
Revolution at max. Torque (r/min)	3800~4500	3500~4000
Minimum fuel consumption rate (g/kW h)	280	275

The adjustment or inspection shall be conducted after the engine stopped running for at least 5 minutes.

Capacities and Specifications

Vehicle dimension



Capacities and Specifications

Item		Dimension (mm)
A=Max Length		3700
B=overall width		1578
C=overall height		1527
C=overall height (luggage rack is optional)		1564
D=Wheel Base		2390
E=Wheel Track	Front	1370
	Rear	1355
Minimum ground clearance		130

Capacities and Specifications