

CHANGAN *Benni*

OWNER'S MANUAL



CHANGAN AUTOMOBILE(GROUP)LIABILITY CO.,LTD.

Benni

Preface

Dear customers, thank you for your choice of Changan minibus of SC7133 series saloon car.

The owner's manual is particularly prepared to assist you for proper use and maintenance of your Changan saloon car and it shall be carefully read and follow its instructions carefully before use.

The words appeared in the manual such as '**Warning, Caution and Attention**' are used to imply:

'**Warning**' —— instructions to avoid accidents that may damage vehicle and endanger safety of the people;

'**Caution**' —— instructions avoid damage of vehicle's components;

'**Attention**' —— refers to regulations that must be followed for easy maintenance.

It must be understood that equipments referred in the manual may not exist in the vehicle you buy and the equipments shall be subject to the real vehicle.

The descriptions and photos illustrated in the manual are based on the latest product information available at the time of publication. The users may not be acknowledged for the latter modification and improvement due to continual developemtn of the product. The owner's manual will be updated and published again when a significant modification occurs.

Please notice safety, economize the power and circumstance problem during driving.

Please do not transfer you attention because of another thing during driving.

Please pay attention to communication channel by radio during driving.

Thank you again for your purchase; any comments or suggestions that you may have are welcome and highly appreciated.

Thank you for your cooperation!

The following characters mean that:
※ mean equipment on vehicle, but not all vehicles. All equipment should be equipped on your vehicle.

Illustrating drawing

→ on illustration drawing mean the partial content in owner's manual, it show that action should be done.

⇒ on illustration drawing indicate probably response or should be done second action.

The seires vehicles are according with the following standard;

Q/JD 1253-2006 SC7133 saloon car

Q/JD 1253-2006 SC7133A saloon car

October, 2006

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Chapter I : Before driving

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I. Brief Introduction

1) Fuel

The fuel used should be #93 or above quality unleaded gasoline specified in GB17930 Standard and met the provision in Appendix J.1.1 in GB18352.3.

Caution

The use of unqualified gasoline may severely damage electro-injection engine and also makes catalyst of 3-way catalytic converter poisoned or burnt due to overheating, and the burnt gas will not be purified externally.

2). Nameplate, Engine number and vehicle identification number



Nameplate

The nameplate is attached in the engine room.

Position of engine number

The engine number is marked on engine crankcase and cylinder head casing.



Vehicle identification number

Position of vehicle identification number (VIN):

- ① Directly marked on the right (beside wiper motor) of support plate of the front shroud of window;
- ② Marked on the nameplate;
- ③ Marked on the VIN plate of the instrument panel near the bracket of left window glass;

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3). Running in

Caution:

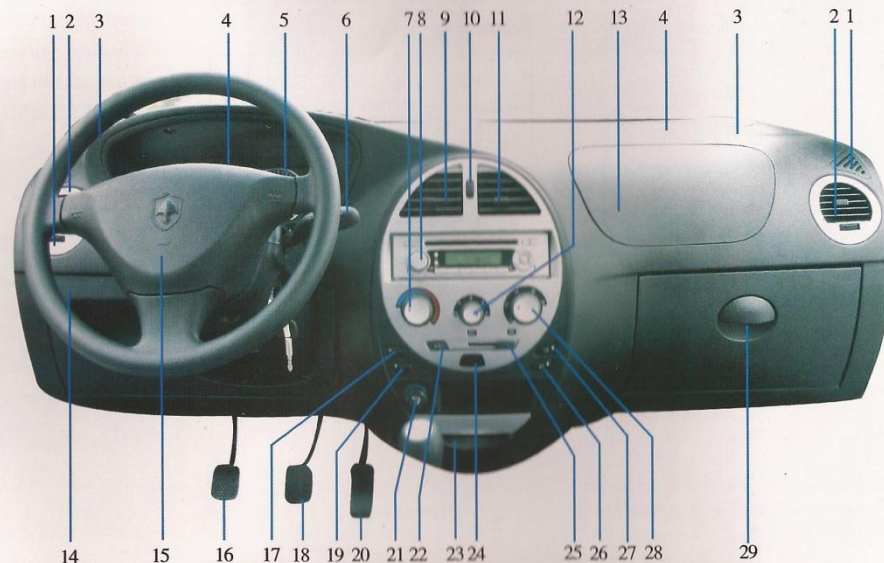
The future performance and reliability of the engine depends on the care and restraint exercised during its early life. It is especially important to observe the following precautions during the initial 1000km of vehicle operation:

- (1) After starting, do not run the engine in high speed. Warm it up gradually.
- (2) Avoid prolonged vehicle operation at a constant speed. Moving parts will run in better if you vary your speed.
- (3) Start off from a stop slowly. Avoid full throttle starts.
- (4) If possible, avoid sudden braking, especially during the first 320km of driving.
- (5) Do not drive slowly with the transmission in a high gear.
- (6) Drive the vehicle at moderate speed.
- (7) Do not use as a trailer during the first 1000km.
- (8) If possible, avoid driving on the road in bad conditions such as deep mud, sand and steep hill.

The Max Speed recommended for Running-in period:

km		Initial 1000km
Speed km/h	1 st gear	20
	2 nd gear	35
	3 rd gear	50
	4 th gear	70
	5 th gear	90

2 Dash board



1. Defrosting port
2. Ventilation port
3. Speaker cover
4. Front defrosting port
5. Instrument
6. Combination switch: windscreen wiper and cleaning system; rear window cleaning system ※
7. Temperature switch
8. Recorder/CD ※
9. Central ventilation port
10. Central ventilation port knob
11. Central ventilation port
12. Fan switch
13. Front passenger airbag ※
14. Combination switch: directional signal, headlight, dipped headlight and high beam
15. Speaker/driver airbag
16. Clutch pedal
17. Standby switch

18. Brake pedal
19. Rear defrosting switch ※
20. Accelerator pedal/electronic accelerator pedal
21. Cigarette lighter
22. A/C switch ※
23. Ash tray
24. Switch of danger alarm light
25. Inside and outside cycling switch
26. Front fog light switch ※
27. Rear fog light switch
28. Aeration mode switch
29. Glove box

Control indicator

-  Exhaust emission indicator
-  Directional signal indicator
-  High beam indicator
-  ABS signal lamp ※
-  Brake fluid level alarm
-  Charging indicator
-  Engine oil pressure indicator
-  Fuel oil level indicator
-  Indicator of airbag ※
-  Parking light
-  Safety belt indicator
-  Anti-theft indicator
-  EPS Indicator of closing door
-  EPS Signal lamp ※
-  Front foglight ※
-  Rear fog light
-  Danger alarm light

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Charging indicator

The control indicator will be lit up as the ignition switch is on, and gone out as the engine started.

In case of that, as engine running, the indicator is on:

Stop vehicle and kill engine. Battery cannot be charged. The cooling system of engine is also suspended. Please consult your CHANGAN dealer.

Engine oil pressure indicator

The control indicator will be lit up as the ignition switch is on, and gone out as the engine started.

In case of that, as engine running, the indicator is on:

The lubrication system of engine might be failed. The may, likely, result in damaging the locking device of engine or driving wheel, please operate as following steps:

1. Depress clutch.
2. Shift gear to neutral.
3. Drive out of the main traffic flow as soon as possible and do not block other vehicles.
4. Turn off ignition switch (position ACC).

Please consult your CHANGAN dealer and trouble shooting as soon as possible.

warning:

Considerable strength should be made for braking and turning as the ignition switch is off.

Take off the key until the vehicle is fully stopped, otherwise, the locking device of steering column will be connected.



Brake fluid level alarm (P)

If brake fluid level is too low and the ignition switch is on, it will be lit up.

Control indicator of braking system (P)

In case of that the brake fluid level is too low and ignition switch is on, the control indicator will be blinking.

Warning:

In case of that the indicator is lit up along with control indicator of antilock brake system, the braking force of rear wheel is failed to meet the requirement. The vehicle might swerve around as braking. Please consult your CHANGAN dealer.

warning:

In case of that the hand brake is not used and the indicator is blinking, stop the vehicle and consult the CHANGAN dealer immediately.

In case of that the indicator is blinking along with the indicator of antilock brake system, it indicates that the braking system might be failed, please consult the special maintenance center of CHANNA AUTO for trouble shooting immediately.

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Control indicator of antilock brake system (ABS)

The control indicator will keep on in about 3 seconds as the ignition switch is on, at the same time, the system will perform self-checking (sound is audible). The system will be at ready state as the control indicator went out.

On condition that the control indicator has not gone out in about 3 seconds, or

turned on during driving, it indicates that the antilock brake system is failed. Should antilock brake system be failed, the braking system of vehicle still can be operated.



Safety belt indicator

The indicator of safety belt will be lit up immediately as the ignition switch is on, and will be off as the safety belt buckle is inserted into the permanent seat of safety belt, that indicates that safety belt is buckled.

Directional signal

The control indicator will be blinking as the directional signal light being activated. Quick blinking: the bulb of directional signal light is failed, please change it.

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Tachometer

It indicates the rotation speed of engine.

Warning area: it exceeded the maximum permissible engine speed and endangered the engine.

Speedometer

Indicating the speed of vehicle.

Odometer

It can be shifted between odometer and trip meter.

The whole driving mileage will be appeared on display as the ignition switch is on.



Trip meter

It can be switched to trip meter from general odometer. It simply can be done by pressing adjustable button.

The switch can be performed between general odometer and trip meter by pressing adjustable button for 1 second.

The trip meter can be reset by pressing adjustable button for 2 seconds.

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Display of cooling fluid temperature

Needle pointer at lower zone = Working temperature of engine is not reached yet

Needle pointer between upper zone and lower zone = Normal working temperature

Needle pointer at upper zone (warning area) = Temperature is too high, Stop the vehicle and kill the engine and inspect the level of coolant immediately.

The thermometer of engine will display the temperature of coolant only under the condition that the level of coolant is keeping proper.

During operation, the system is sealed with pressure, and the temperature, therefore, may be above 100 °C temporarily.



Fuel gauge

Needle pointer at red sector = adding fuel
Do not run out the fuel in tank.

The adding fuel required will be less than the nominal reservoir capacity due to that there is still residual fuel.

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Indicator of closing door

The indicator of closing door will be on as doors (except back door) were not closed and will be off as doors (except back door) were closed.



Indicator of airbag

It can indicate the operating state of airbag system, and it will be keeping blinking for about 5.5 seconds as turning on the ignition switch. If it is not blinking or not go out after 5.5 seconds or keeping on during driving, that indicates the system or airbag system is failed. The airbag system cannot be exploded in the event of accident.

Warning:

The problem should be resolved as soon as possible, please contact your CHANGAN dealer.

High beam headlight

It will be lit up if being connected.

Electronic control power steering EPS

The control indicator will be lit on for several seconds as turning on ignition switch. If it is lit on during driving, it indicates that it is failed. The function of power steering is no longer valid, you, however, still can keep driving but considerable steering force should be made. Please consult your CHANGAN dealer.

1) EPS – electronic power steering system

3 Control and function

External lamp

Turn the lighting switch

OFF = off

☞ = Position lights

☞ = Dipped headlight

☞ = High beam headlight

The tail light and license plate light are lit up at the position of ☞ and ☞.

Reversing light

It will be lit up as reverse gear is engaged and the ignition switch is on.



Front foglight

Pressing ☞ = ON

Pressing ☞ again = Off

The switch has controlled indicator.

Rear foglight

Pressing ☞ = ON

Pressing ☞ again = off

The switch has control indicator.

Note:

1) The foglight switch only can be functioned as the combination switch is at the position of ☞.

2) The rear foglight switch only can be functioned as the combination switch is at the position of ☞.



Danger alarm light

ON = Pressing ☞

OFF = Pressing ☞ again

If this button has been pressed, the indicator with danger alarm light will be blinking timely.



Back window of heating

Pressing rear defroster switch  =

On

And pressing rear defroster switch  =

Off

Rear vision – cut it off, if clear.

Horn operation

Press 



Angle control of steering wheel

1. Loosen regulating handle;
2. Regulate the steering wheel up and down to the required position;
3. Push the regulating handle up to the latched position and lock the steering column.



For the detailed operation of CD player/recorder, please see the instruction manual of CD player/recorder supplied together.

CD player ※

Operate CD player according to the description of operating manual.

The information of CD player will be presented on display.

The signal reception of car radio differs to that of home radio.

Comparatively, the vehicle mounted antenna is close to ground, and broadcasting corporation cannot guarantee that the quality of reception will be the same as that of home radio which uses elevated antenna.

■ It varies according to the distance to the transmitting station

■ Multi-path reception also exists due to reflection

■ Screening
The cacophony, noise, transition or signal attenuation of radio may be occurred by the influence in question.

Fuel filling



Swing in type tank cover lock

Pull the unlock handle on the left side of driver seat upward, and the tank cover lock will be unlocked as well as fuel filler cap.

Carefully unscrew the cap to exhaust air pressure slowly.

Screw the cap to the valve and then rotate to reliable position.

The fuel tank is equipped with a limiting system which can prevent the tank from being loaded excessively.

To a large extent, the proper filling is determined by correct operation of fuel filling gun.

1. Insert the fuel filling gun to the bottommost position which can be reached and then connected.

2. After automatic disconnection, the oil level will be the allowed maximum value of filling (41L).

To lock, put the cap back to the original position and rotate it clockwise until it is screwed with a lick.

Wipe off the spilled fuel oil immediately.

Warning:

Be careful as filling fuel.

Engine, external heater with combustion chamber and mobile telephone should be killed and powered off before filling fuel.

Gasoline is inflammable and explosive. Therefore, handling fuel oil should avoid naked flame and spark. Do not smoke as you are near fuel oil or you can smell gasoline easily. In case of there is smell of gasoline inside car, please consult your CHANGAN dealer.

Heating and ventilating

Heating and ventilating system

Air mixing system: the indoor air can be regulated by mixing cold air and warm air.



Controller of heating and ventilating

Rotary switch: Temperature switch

Clockwise = heat up

Anti-clockwise = cool down

Rotary switch: fan

Fan with 4 gears

✖ OFF

4th gear is the maxima airflow

The velocity of air flow is controlled by fan, therefore the fan should be turn on during trip.

Rotary switch: Aeration mode

↺ Blowing face

↻ Blowing face/foot

↻ Blowing foot

↻ Defrosting/blowing face/blowing foot

↻ Defrosting/blowing face

Ventilation port will be opened as the switch was set under the status of ↻ and ↻.



Internal air recycling system

Activate

The external airflow supply will be cut off as the slider was pushed left.

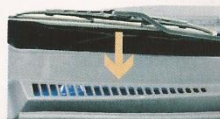
In case of that smog or unfavorable odor is seeped into car, please turn on the internal air recycling system temporarily. In order to make the air in the passenger chamber flowing, the fan should be turned on at the same time.

The internal air recycling system can reduce intake of external airflow to minimum, and the humidity of vehicle, however, will be increased hereby and the

glass for vehicle window will be moistened, thus the air quality in passenger chamber will be deteriorated that will make passenger drowsy.

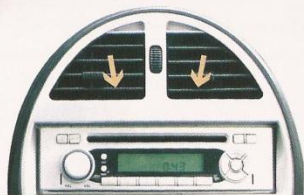
Turn off:

Push the slider to right side, and the airflow will be entered into from outside once again.



Air intake port

It is located at the front of windshield and the extremities of both sides of engine room, which should be kept without obstruction, snow, dirt and leaves.



Air ventilation port

To ventilate head area with natural or heating air to obtain comfortable ventilation. It depends on the position of temperature transducer and the gear of and of the switches of aeration mode.

To increase air supply, set the fan at higher speed gear and set the aeration mode as .

To adjust air flow by moving and rotating fins as required.

Side ventilation port

The heating or non-heating air (depending on the position of the thermostat regulation switch) will be introduced into car by the side ventilation port.

To open ventilation port, right turn the knurled knob.

To increase air supply, set the fan at higher speed gear and set the aeration mode as .

To adjust air flow by inclining and rotating fins as required.



Defrosting port of windshield

Set the aeration mode at the gear of or .

The heating or non-heating air will be led onto windshield and door glass of vehicle.



Ventilation

- Set the temperature as required.
- Set fan as required.
- To reach maximum air rate in head area, set the aeration mode at gear ④ to open all the ventilation ports.
- The air flow at the rear row will flow along the central ventilation port to both sides and upward side.
- The requirement of footwell ventilation: set the aeration mode at gear ③. Set aeration mode at the gear.
- To meet the ventilation of both head area and footwell area, set aeration mode at gear ④.

Heating

The amount of heat required by heating depends on the temperature of engine; therefore, it is impossible to acquire enough amount of heat before the engine was warmed-up fully.

- Turn temperature switch clockwise.

- Set the speed of fan at 3rd gear.

- Set the aeration mode at designed gear.

Whether passenger feels comfortable or not mainly depends on the setting of heating and ventilation system.

Heating of foot area

- Turn temperature switch clockwise.

- Set the speed of fan at the required gear.

- Set aeration mode at the gear ③.

- Close the side ventilation port during pre-warming of engine.

Defrosting and deicing of glass

Warning:

Should the following explanation be neglected, the glass may be fogged that will attenuate visibility range and, finally, cause the occurrence of accident.

- Turn temperature switch clockwise.

- Set the speed of fan at 3rd gear or 4th gear.

- Set aeration mode at the gear ④.

- To open side ventilation port, align it with the glass of door and window.

- Turn on the heating control switch of rear windows.

To heat up the area of foot at the same time, set aeration mode at gear ④.

The heating will be normal as engine running.



Heating control switch of rear window ※

Controlled by the switch of rear defroster

Press = On

Press again = Off

The control indicator of switch will be lit up as the heating control switch of rear window is connected.

Turn off the heating control switch of rear window immediately as the vision of rear window is clear.

Air-conditioning system ※

The ventilation, heating and cooling system are combined together as a system with complete function which can provide maximum easiness in compartment in spite of the season, weather and outside air temperature.

As long as the air conditioner is turned on, the system will cool down and dry air

Turn on the heating control switch of rear window.

According to the position of the temperature regulating switch, the heating system will heat up air according to all working modes as required. The air supply also can be made by fan regulating.

The cold air compressor of air-conditioning system will be at the status of cooling mode only when the engine is working.



Rotary switch: temperature switch

Clockwise = Heat up
Counterclockwise = cool down

Rotary switch: fan

Fan with 4 gears

✖ Off

4th gear is the maximum airflow

The velocity of air flow is controlled by fan, therefore the fan should be turn on during trip.

Rotary switch: Aeration mode

- 👉 Blowing face
- 👉 Blowing face/foot
- 👉 Blowing foot
- 👉 Defrosting/blowing face/blowing foot
- 👉 Defrosting/blowing face

Internal and external air recycling system

Internal recycling:

Push the slide switch to left side: the airflow from outside will be cut off.

To prevent smog, dust or offensive odor from coming inside, the internal air recycling system can be activated temporarily. To keep circulation of the air inside compartment, the fan also should be turn on at the same time.

The internal air recycling system can minimize the ventilation of external airflow and the humidity inside car, however, will increase and the glass for vehicle window will be fogged and slur. The air quality inside care also will be deteriorated that will make passenger drowsy.

Off: push the slide switch right: the incoming channel of external airflow will be opened again.



Cooling system

To turn on the cold air compressor of air-conditioning system: A/C switch and fan switch should be started at the same time.

The fan will run at low speed, which speed, of course, can be adjusted as required.

As long as the cooling unit (cold air compressor) been turned on, it will cool down and dry air automatically. In order to save gasoline, the cooling unit should be turn off as the air needs no further cooling and drying.

Steps of system operation

Set easiness status

- Push slide switch of internal air recycling to left side.
- Press A/C switch
- Set the thermostatic switch as required.
- Set the fan 🌀 velocity as required.
- Set aeration mode at the gear.
- Open the side airflow inlet as required.

Maximum cooling

First, open windows to exhaust hot air rapidly.

- Push slide switch of internal air recycling left side.
- Press A/C switch
- Turn temperature switch counterclockwise (cooling) at maximal limitation.
- Set the speed of fan at 4th gear.
- Set aeration mode at the 🌀 gear.
- Open the side airflow inlet.



Glass defrosting

Should windows be frosted due to bad weather or damp clothing, the following steps can be followed to defrost:

- Push slide switch of internal air recycling left side.
 - Turn heating control switch to maximum clockwise.
 - Set the fan's velocity as required.
 - Set aeration mode at the gear.
- For the residual vapor generated by using air conditioner, it can be cleaned out in accordance with the following steps: First, set recycling control switch as internal recycling; then, set the heating control switch to maximum and the aeration mode at gear, start engine and set aeration mode at after five seconds.

Glass deicing

- Push switch of internal air recycling to right side.
- Set the thermostatic switch as required.
- Set the fan's velocity as required.
- Set aeration mode at the gear.
- Open the side airflow inlet.

Heating

The amount of heat required by heating depends on the temperature of engine; therefore, it is impossible to acquire enough amount of heat before the engine was warmed-up fully.

To warm passenger:

- Push slide switch of internal air recycling to right side.
- Turn temperature switch clockwise.
- Set the fan's velocity as

required.

- Set aeration mode switch at designated position as required, see Page 49.

Whether passenger feels comfortable or not mainly depends on the setting of heating and ventilation system.

Heating of foot area

- Push slide switch of internal air recycling right side.
 - Turn temperature switch clockwise.
 - Set the fan's velocity as required.
 - Set aeration mode at the gear.
- Close side ventilation port during pre-warming engine and in order to deice, if required, to put it against windows.



Heating up rear window※

Controlled by the switch of rear defroster

- Press = On
- Press again = Off

The control indicator of switch will be lit up as the heating control switch of rear window is connected.

The heating will be normal as engine running.

Turn off the heating control switch of rear window as the vision of rear window is clear.

The cooling unit (namely, cold air compressor) only can be in working condition as the engine running.

When cooling unit (namely, cold air compressor) is in working condition, the condensate water will be formed and discharged from the bottom of vehicle.

The air inlets of instrument panel should be opened, at least, one of them, in case of that the cooling unit (namely, cold air compressor) was turned on, in order to prevent evaporator from freezing due to lack of airflow.

Maintenance

In order to keep cooling unit (namely, cold air compressor) in steady and efficient status for long term, it should be turned on, at least, once a day (a few minutes should be ok) in spite of the weather or season.

Should air-conditioning system be failed, please consult your CHANGAN dealer

Combination switch and others



Operation of Position lights
The position light will be on as the combination switch at  gear.

Operation of high beam headlight and dipped headlight

The dipped headlight will be on as the combination switch at  gear.

Push light handle forward, the high beam headlight will be lit up.

Pull the light handle toward steering wheel, the alternating light will be lit up.



Operation of directional signal lamp

The control rod at stop position

Right turn = Up

Left turn = Down

The control rod will restore its original position as the steering wheel is stopped. In case of smaller steering (such as change driveway), this situation will not happen.

Push the control rod to the front position of the resisting point as changing driveway and release it, it will restore its position.

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Windscreen wiper

Push combination switch downward

OFF= Off

INT= Interval wiping

LO= Low speed

HI= High speed



Operation of cleaning system of windshield

Washer will spray water when pulling control rod to the direction of steering wheel, the wiper will wipe water for several times.

Operation of rear window wiper and cleaning system

Run wiper: put the combination switch at ON.

Off wiper: put the combination switch at OFF.

Cleaning system: push the control rod forward and hold.





Regulation of the internal rearview mirror

Turning rearview mirror

Turn the control rod mounted under rearview mirror to avoid glare during night driving.



Regulation of external rearview mirror

Setting lever at the left or right side of driver

Move the setting lever to regulate the angle of external rearview mirror.



Cigarette lighter

The cigarette lighter can be used as the ignition switch at the position of "ACC". Press cigarette lighter, it will be automatically disconnected after the heating wire being heated and will be ejected and ready as cigarette lighter.



Ashtray

It only can be used for ash but inflammable waste.

Warning:

If not doing so, it may result in injury or endangering life.

Open:

Open ashtray.

Dump

Push the cover of ashtray and pull it out.

Sun visor

Pull it down or pull it down and turn it to side that can prevent eyes from being exposed in intensive sunshine.



Door control indicator

It will be lit up if the door is open.

1. It is door control status when the switch is in the middle: the light will be on as the door opened;

2. It is off position as the switch at the position of "OFF";

3. It is ON position as the switch at the position of "ON";

Instrument lighting

The instrument light will be on as the lighting switch at the position of .



Manual transmission

● = Neutral

R= Reverse gear

1 to 5 = first gear to fifth gear

Reverse gear: stop the vehicle and put the gear at neutral, and push the control rod right side in 2 seconds to make the gear engaged.

Should the gears not be engaged together and control rod at neutral, depress the clutch pedal once again and repeat the selection of velocity gear.



Brake

The brake should be seized firmly.

Especially hand brake on slope.

The mechanical hand brake has function on the brake of rear wheels, as pulling control rod of hand brake, the brake of rear wheels will be engaged and functioned as braking.

The hand brake can be released by raising the control rod slightly and pressing the ratch button to lay down control rod completely.

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Key, door and engine hood

The locking push button can be pressed or pulled up from inside respectively.

In case of the vehicle equipped with central door locking system ※, the door of which can be locked from inside by pressing locking button as the door was closed.



Locking

Swing the key of front door toward the rear of vehicle and swing it back to the erected position and pull out; another method is: in case locking is made in vehicle, press down locking button of door of driving cab if door is closed.

Unlocking

Swing the key to left front door toward the front of vehicle and swing it back to the erected position and pull out.



Safety door latch for children ※

Warning:

As long as there is child in the rear seat, please use safety door latch for children. If not doing so, it may result in injure or endangering life. Hence, the passengers should be informed of this provision.

Push downward the pin on the rear door lock. The door can not be opened from inside.

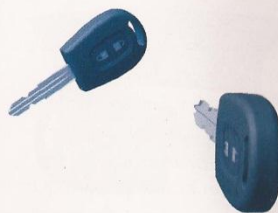
Central system of door locking※

The functioning range of remote controller is about 20 meters. The range is likely decreased due to the screening and reflection of radio wave, please align it at the vehicle as using remote controller.

For your convenience, we suggest you to use remote controller to operate central locking system.

Be careful as using remote controller to avoid dampness and high temperature as well as unnecessary operation.

The flash lamp for warning against danger will be blinking as operating remote controller.



Central system of door locking

Equipped with wireless remote controller

Locking

press the button  of remote controller or swing the key to the front door toward rear vehicle, then swing it back to erected position and pull out. If the car was locked from inside and the door was closed, please press the locking push button of the door of driving cab.

Unlocking

Press the  button of remote controller or swing the key to left front door toward the front of vehicle. To unlock car from inside, pull the locking button of the door of driving cab

■ After unlocking by wireless remote controller, if the door has not been opened, the door will be locked automatically in 30 seconds.

■ If the door of driving cab is opened or the ignition switch is in operation, it is impossible to unlock and lock by remote controller.

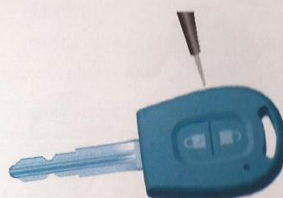
If the central locking system cannot be controlled by remote controller, it may be caused by:

■ Beyond the function range of remote controller.

■ Ignition key is inserted at ignition switch.

■ The battery voltage of remote controller is too low, please change it.

■ Being interfered by other radio wave of higher power.



Change the battery of remote controller

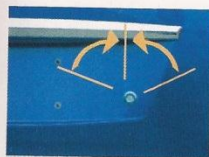
The battery should be changed if the function range of remote controller becomes smaller.

Unscrew the screws under the remote controller by screwdriver and remove the cover of it.

Be careful not to damage or separate the transmitter in key.

Open the cover and remove the old battery, reload new battery, ensure that the battery is inserted correctly (positive down). Close remote controller to make it sound "flip-flop" and connected, close the cover and tighten the screws.

The waste battery should be treated in accordance with the rule of environmental protection.



Luggage compartment and rear luggage compartment cover

Locking:

Swing the key clockwise till it cannot be swung, then swing it back to the erected position and pull out.

Unlocking:

Swing the key counter-clockwise till it cannot be swung, then swing it back to the erected position and pull out.



Open the cover of rear luggage compartment

It can be unlocked by the handle under the cover of rear license light.

Close the cover of rear luggage compartment

Two handles of the inside rear luggage compartment can be a helper for closing the cover of luggage compartment.

The number plate of car only can be seen clearly as the cover of luggage compartment being closed, so please do not drive as the cover is open.

Nocuous fume will be entered into passenger compartment if the cover is opened.

The weight of cover will be increased if accessory has been installed on, and if the cover is too heavy, the stand bar to it will be unable to support the weight.



Engine hood

To open engine hood, pull unlocking handle which is under the instrument panel on the driver's side and the engine hood can be locked and partially unlocked. The unlocking handle restores its position.



There is an unlocking handle at the center of engine hood above water tank; push it upward to lift engine hood



To keep engine hood open, insert the stand bar (shown in the picture) of right vehicle into the slot of engine hood.

Before closing engine hood, press the stand bar into its fixer firmly. Put down engine hood slowly, and let it fall into the lock by its deadweight.

Haul the leading edge of engine hood with proper effort and check whether the cover is locked properly. In case of it has not been engaged, please repeat the steps.

As the engine hood is opened, snow or dust on the engine hood will be slid down and block the air inlet.



Windows of car
It can be controlled by turning rock-
ing lever.



Be careful to operate electric window, otherwise people may be injured; especially children, and the objects may be clipped.

The passenger should be informed of how to operate windows of car properly in advance.

As closing windows, it should be ensure that there is nothing will be likely clipped.

To prevent unauthorized operation, the driver should pull out ignition key as leaving car.

Electric window of front and rear doors ※

The window of driver's side can be controlled by the outside switch of the handle of driver's side-door, and the front passenger's door is controlled by inside switch and the switch of handle of the door of front passenger's.

To open or close windows off and on, move or press the switch transitorily; to completely open or close window, pull or press the switch upward or downward till the window is fully opened or closed.



Electronic anti-theft system of engine ※

This system inspects whether the vehicle can be started by the inserted key, if the key has been inspected as > pass ratification 《, the vehicle can be started; and the inspection can be performed by the installing repeater of the key to vehicle.

Activate

Put the ignition switch at the position of "ACC" the repeater in key and anti-theft controller shall ratify.

Start

Put ignition switch at the position of "ON" the anti-theft controller will communicate with Electronic Injection Control Unit (ECU) and start engine.

Indicator to electronic anti-theft system of engine CODE ※

The control indicator will be lit up for several seconds as turning on ignition switch, then go out.

Turn on ignition switch, if the indicator is blinking, it indicates that the electronic anti-theft system is failed and the engine cannot be started.

If the anti-theft indicator is on after starting engine, it indicates that the electronic control system has been failed.

The electronic anti-theft system cannot lock doors. Therefore, please lock door as leaving vehicle.

4 Seat and safety device

Position of seats

The seat of driver can be adjusted in order to make driver comfortable.

The passenger's seat should lean back as much as possible and the backrest should keep upright direction.



Position of headrests

The middle position of headrest and that of eyes should be at the same horizontal plane, for high passenger, if cannot do that, the headrest should be adjusted at the extreme higher position; for short passenger, extreme lower position.

Adjusting height of headrest

Press the lock switch to adjust the height.

Remove headrest

Press the lock switch and pull headrest upward to remove it.

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Seat regulation

Pull the handle and slide the seat.

There is a "click" as releasing handle to lock seat.

Do not adjust the driver's seat when driving. The seat will be moving out of control as the handle was pulled.



Adjusting the angle of seatback

Pull the handle; push the backrest to the angle required.

Release handle, the seatback will be fixed.



Adjust the height of seats

Adjust the cushion to the required height by turning manual wheel

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Replace the backrest of rear seats
Pull the seat belt forward so that backrest will return back to the vertical position without snagging.



Depositing net on the both sides of luggage compartment
Do not load any heavy goods into the net.

Enlarging luggage compartment
Open the cover of luggage compartment.

Hold the lock of seatback to unlock backrest, and the backrest of rear seats can be laid down.

Loosen two backrests, and fold forward.

Note: any one backrest of two parts of seats can be laid down separately.



Safety system

Protection system

- Safety belt
- Airbag system of the seats of driver and assistant driver

The airbag system can be used to supplement three-point seat belt. In the event of serious accident, the airbag will be exploded and formed a safety air cushion for passengers



Use of three-point safety belt

Pull the buckle of safety belt to put the belt through shoulder and pelvis, then locked to the holder until a click is heard.

Wearing of safety belt

The seats of front row and rear row have equipped with safety belt, the safety belts of front row and outside of rear row are three-point safety belt, and the middle of rear row is two-point safety belt.



The safety belt can be released by pressing the red button of the holder.

Use of two-point safety belt

Put the lap belt of the middle seat of back row over pelvis and lock into the holder (marked with "CENTER" with a "click" and it can be released by pressing the red button of holder, which length of lap belt can be regulated manually as required.



Regulation of safety belt

The safety belt on shoulder can be pulled by the tongue. The strap over shoulder can be regulated freely. The safety belt will be locked during abrupt stop or impact by the emergency locking mechanism of the safety belt.

Inspection of safety belt

Regular inspection should be made on strap, buckle, lock, retractor, anchor point and guide ring, etc. The damaged or incapable safety belt should be replaced.

Warning:

The seat belt must be put on and fastened when driving.

No matter air bag equipped or not, the seat belt is to protect people against collision coming from front direction after proper wearing. Thus the seat belt of driver and passengers sitting at first-row seat must be put on when driving as this will minimize injury or death.

Passenger must not sit in cargo area; otherwise the passengers will be severely injured when accident happens.

Position the lower belt across your pelvis instead of at waist. The shoulder belt shall be put on the shoulder and shall not be slided to arm.

When wearing seat belt, it must not be twisted and shall comfort passenger after adjustment as per individual requirement. The improper wearing of seat belt will not provide safety protection to driver and passengers.

Warning:

Be sure that the seat belt buckle is inserted into relative buckle catch.

Seat belt must not be tied on article containing hard object or frangible object. Otherwise injury may be worsened when accident happens.

It must be prohibited that same seat belt is worn by two or more passengers. When child or infant is held in someone's arm, the seat belt shall not be put on kids. Otherwise the injury may be extremely serious when accident happens.

When pregnant woman is in bus, the seat belt shall be put on as per medical advisor's instruction.

The seat belt shall be regularly inspected for wearing or damage. If seat belt is severely worn, polluted or damaged, it must be replaced immediately.

Warning:

When driving, the infant and child who are not properly constrained shall not be put on seat.

All used seat belt must be replaced after collision happens and the unused seat belt when collision happens can be still used to ensure safety of passengers. The damaged seat belt must be replaced.

Avoid contamination of seat belt by oil or chemical product. The polluted seat belt by oil or chemical product must be cleaned with neutral soap and then to be cleaned again with water.

No modifications or additions shall be made by the user to seat belt to avoid malfunctioning of seat belt when accident happens.

Front airbag system ※

In the event of serious front collision, the front airbag system will be triggered and formed a safety cushion for the driver and the passenger sitting in front of the vehicle, whose forward motion have been prohibited, accordingly, the risk of being injured on upper body and head will be reduced greatly.



Front airbag ※

The "AIRBAG" marked on the steering wheel and glove box indicates that the vehicle has equipped with front airbag system.

Front airbag system consists of:

- One airbag in steering wheel and another one in instrument panel.
- Electronic control system of impact sensor.
- Control indicator of airbag system in instrument panel.

As the front airbag was triggered, it will be inflated in milliseconds and formed a safety cushion for the driver and the passenger sitting in front of the vehicle, whose forward motion have been prohibited, accordingly, the risk of being injured on upper body and head will be reduced greatly.

It has no impact on vision, because the speed of inflation and deflation of airbag is very fast so that it will not catch another person's attention during accident.

After correct adjustment of seat, backrest and headrest, the front airbag system will provide best protection: the driver's seat should be adjusted according to driver's stature so that the driver can hold the top of the spoke of steering wheel as he sitting straight and keeping his arms crooked slightly. For the passenger's seat, it should be leaned back as much as possible under the condition of keeping backrest vertical. Do not put head, body, hand or foot on the airbag system.

Do not put any object within the inflation range of airbag.

Seat belt should be worn correctly.

Under the following condition, the front airbag system will not be triggered:

- Ignition switch is off
- Slight front collision
- Overthrowing accident of vehicle
- Side or rear collision

In these cases, there is no any benefit to passenger for triggering airbag system.

Triggering front airbag system

- According to the severity of accident.
- According to the type of collision.
- Within the range shown in the picture.

Instances for triggering front airbag system

- Collided with non-deformable obstacle: driving at low speed may also trigger the front airbag.
- Collided with another deformable obstacle (another car, for instance): only driving at higher speed will likely trigger the front airbag.

Warning:

Safety belt must be used. The airbag system can be used for supplementing three-point seat belt. If you do not wear seat belt, you are under the risk of being injured or thrown out of the vehicle.

Safety belt can help you keep correct sitting position and the front airbag system will provide you with effective protection in case of accident.

■ Do not make accessory and other objects fixed or rotated in the inflation area of airbag, in case of that they will cause injury as the airbag system is triggered.

■ Do not put any objects between airbag system and passenger inside vehicle in case of being injured.

■ The electronically controlled airbag system and safety belt retractor are located at central control console. In order to prevent malfunction, do not put any magnetic object near the console.

■ Do not stick any object onto steering wheel, instrument panel and front seat back near the airbag or cover them with other materials or cover them with other materials.

■ The steering wheel, instrument panel and backrest of front seats only can be cleaned by dry cloth or internal decoration detergent other than detergent of corrosive action.

■ Based on the severity and collision type of accident, the relationship between systems is independent as the airbag system was triggered.

■ Each airbag only can be triggered once, once triggered should be changed at once. Please consult your CHANGAN dealer.

■ The speed, direction and the deformation of vehicle and the property of collision object will determine the severity of accident and the triggering of airbag. The extent of damage of vehicle and the cost of repair cannot serve as the standard of triggering airbag system.

■ Do not make any reconstruction on the parts of airbag system due to that will cause nonconformity of driving.

On condition that they were operated incorrectly, these system may be triggered abruptly and cause injury.

■ The steering wheel, instrument panel, front seats and seat belts only can be removed by your CHANGAN dealer.

Chapter II : Start and drive

1 Start

Ignition switch

LOCK = Ignition off, steering wheel locked

ACC = Steering wheel unlocked, auxiliary facilities connected

ON = Ignition on

START Start- (transmission at neutral)



Unlock steering wheel

To unlock, rotate the steering wheel slightly and rotate the key to the position of "ACC".



Start engine

Step down clutch, neutral

Do not accelerate

Rotate the key to the position of "START". As engine's temperature rises, the accelerated engine that was accelerated initially will be decelerated automatically.

Before re-start engine, turn the key to the position of ignition switch, pull out and re-insert, then repeat the starting procedure.

2 Driving

Initial starting

As initial starting, depress the clutch and shift transmission into gear 1, then release parking brake, and gradually release clutch pedal, step on accelerator pedal gradually during releasing clutch pedal and you can hear the variation of the sound of engine.

Warning:

As driving, safety belt should be worn even if there is airbag in the front row, because it can restrain passenger correctly anytime.

Do not drive after taking alcohol or narcotic, they have strong influence on the safety of driving and increased the possibility of injury to driver and others.

Avoid driving as fatigue, ill, exciting or under excessive pressure.



Releasing hand brake

Lift up the control rod slightly, and press the locking push button, put down the control rod completely.

Use of transmission

Synchronizer has been adopted for all forward gear that can ensure stable and easy gear shift. Before gear shift, the clutch pedal should be depressed completely.

Warning:

Before going down long slope or steep slope, the speed of vehicle should be decelerated and the transmission should be switched to low speed gear. Engine braking should be used. Avoid using braking system for long distance braking; otherwise it will result in overheat of brake and invalidate the brake.

As driving on the slippery road, the speed should be decelerated before shifting to low speed gear, excessively or abruptly changing of engine speed will possibly cause track slip and lose control over vehicle.

The vehicle should be stopped stably before reversing.

Caution

In order not to damage clutch, do not rest your feet on the clutch pedal or park on the hillside by adopting clutch. Please fully step on the clutch as shifting gear.

AS initial starting or shifting gear, do not make the engine run in high idle speed, otherwise the life of engine will be shortened and encumber its smooth running.

**Parking**

Firmly pull hand brake to kill engine and pull out key to lock steering wheel and door.

Warning:

As parking

- Must firmly pull hand brake.
- Put at first gear or reverse gear.
- Close windows.
- Pull out the key to ignition switch.
- Rotate the steering wheel till feel

it has been locked (anti-theft protection system)

- Power off exterior lighting equipment.

- After killing engine, the cooling fan of engine may keep running for a while.

