

RUNNA

RUNNA
LX

Owner's Manual

This manual has been prepared to inform you of how to optimize the use of the vehicle and contains important notes on safety, operation and maintenance. Please keep this manual in your car at all times and be diligent in maintaining it.



In The Name of God



OWNER'S MANUAL
RUNNA

DEAR BUYER

We're thankful for choosing Iran Khodro product and we congratulate you for this good selection. We hope this new vehicle contributes in happy moments of your life.

This manual helps you enjoy driving. Therefore to have an easy access, it would be advisable to be kept in your glove compartment. The manual is divided into some sections for your convenience, and deals with various aspects of driving or maintenance of the car. Before driving: Includes seat adjustment, Safety belts, heating and ventilation control system and also every other thing you needed to know in order to settle comfortably.

Driving Controls: explain functions of switches, equipment and precautions.

Maintenance: Includes information about the checks you should carry out regularly.

Note:

Please refer to maintenance and guaranty services manual to know about the vehicle maintenance, regulation & condition of guaranty services and periodic services.

Technical emergencies: Help solve some of unavoidable small emergencies occurring occasionally like replacing lamps fuses or changing wheels.

Technical data: It includes some information about engine, dimensions, capacities and weights.

WARNING, CAUTION and NOTE have special meanings. These special meanings apply except when laws or regulations require that the signal words be used with a different meaning. Pay special attention to the messages highlighted by these signal words:

In the meanwhile consumptive material must be provided through authenticated representatives of IKCO.



WARNING: Indicates a potential hazard that could result in death or injury.



CAUTION: Indicates a potential hazard that could result in vehicle damage.

NOTE: Indicates a serious damage to your vehicle in the case of not paying attention to the warning and caution signals.

Important Point: The specification of each vehicle will vary according to its type. Therefore some information of this manual may not be true about your vehicle. For any more information, you can consult with IRAN KHODRO dealers.

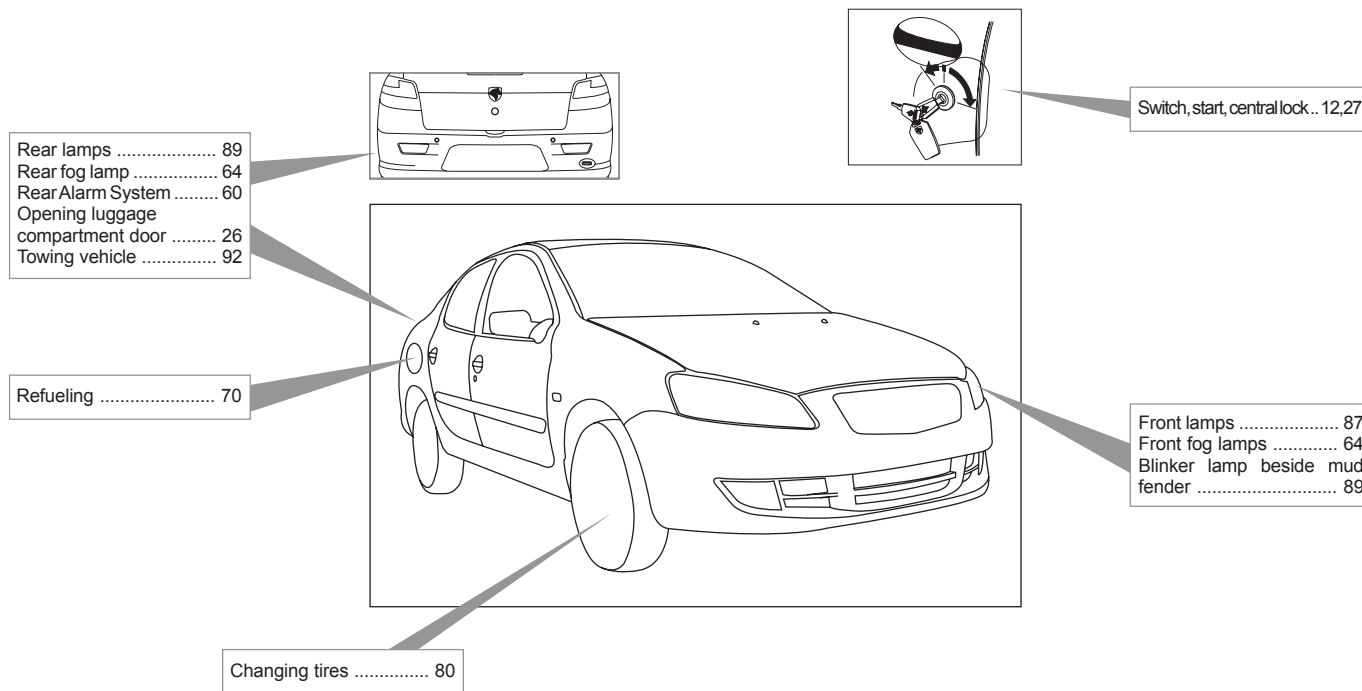
Reminder: Information about other varieties of this product have been mentioned in this manual and denoted by asterisk (*).

*If equipped

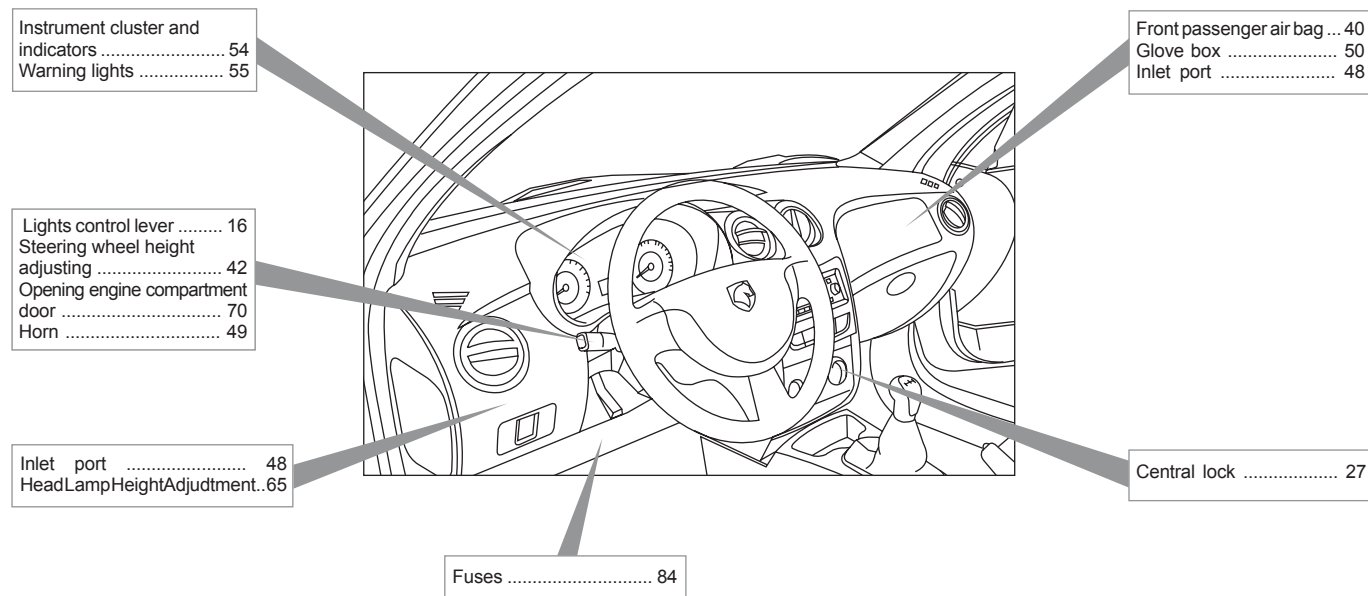
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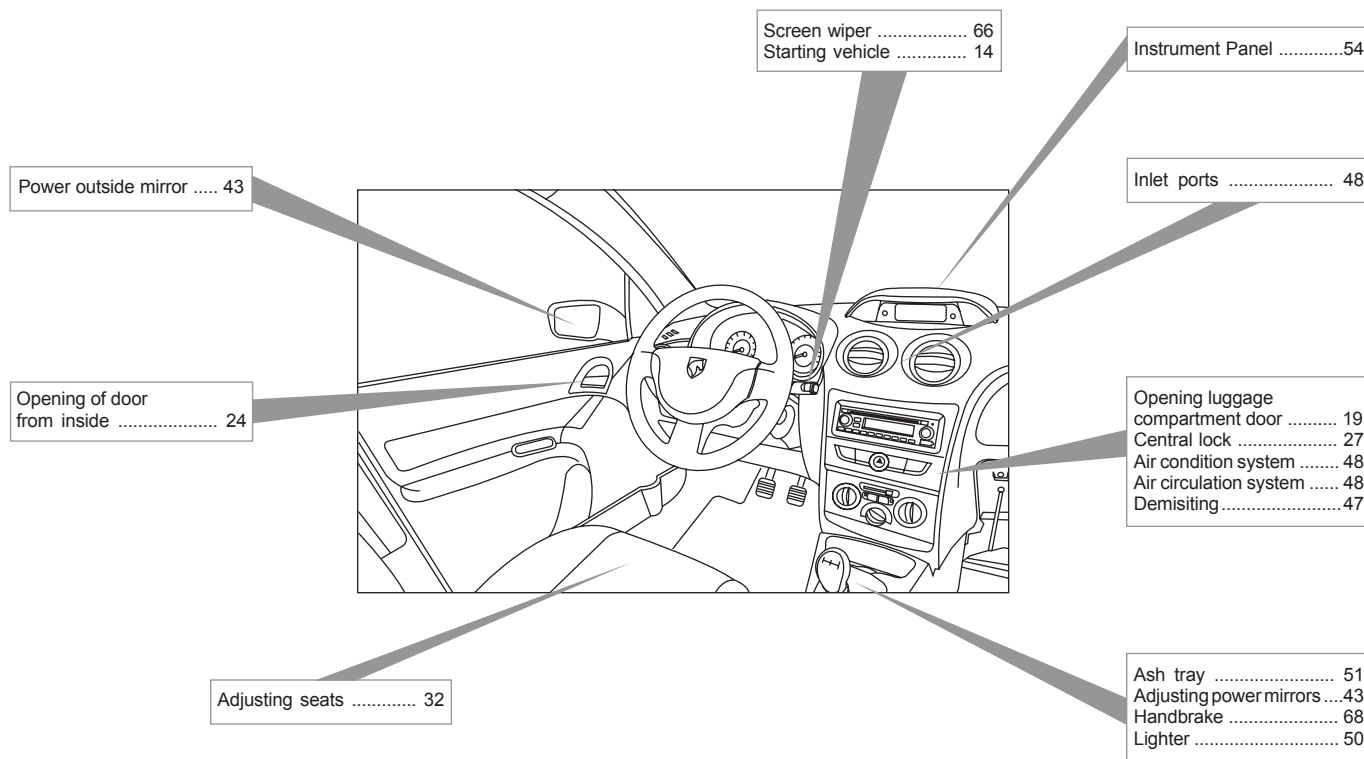
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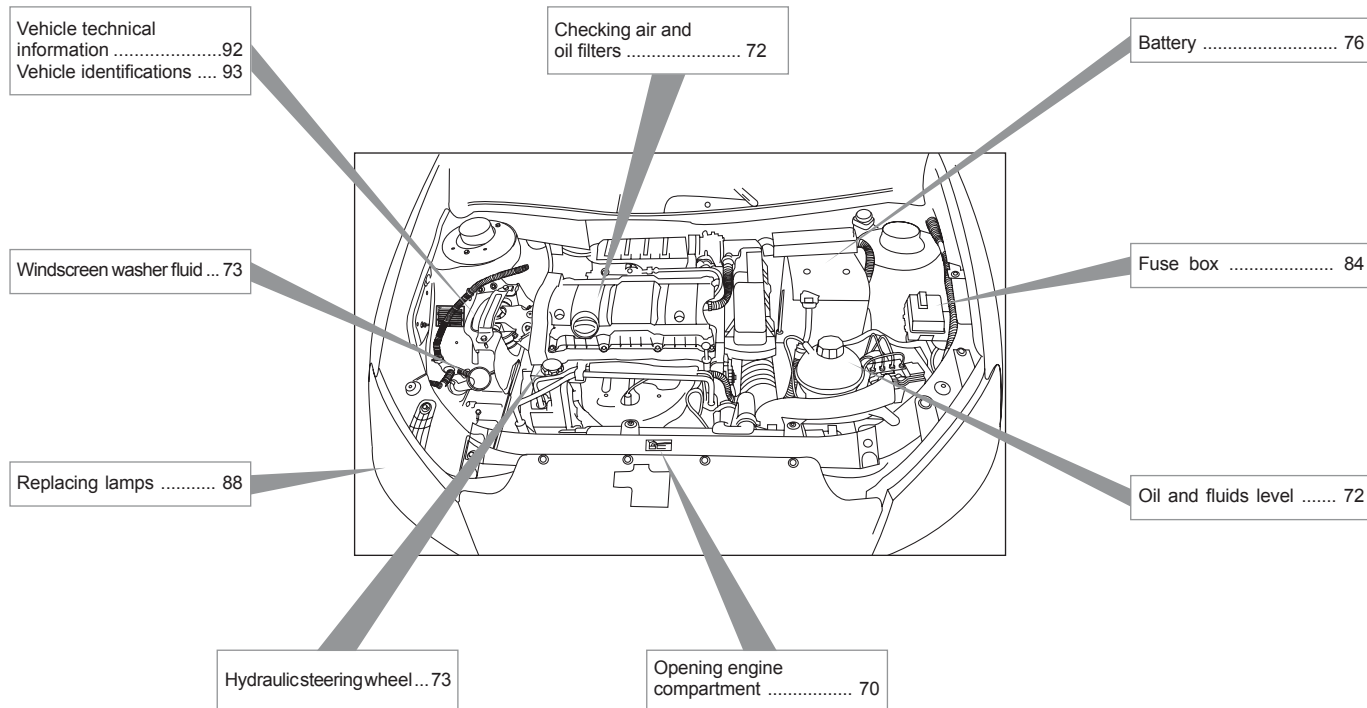


PICTORIAL LIST





PICTORIAL LIST



1

YOUR VEHICLE AT A GLANCE

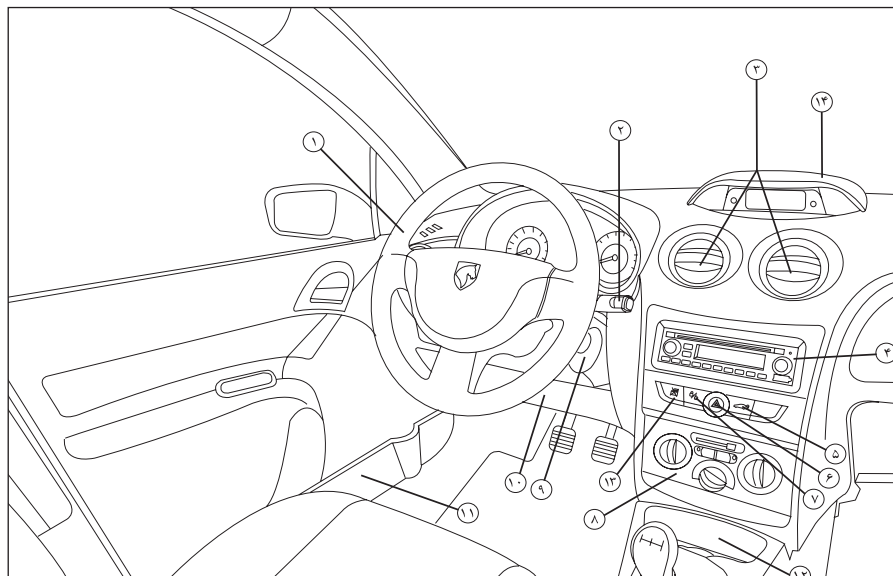
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RUNNA AT A GLANCE

1

Vehicle parts

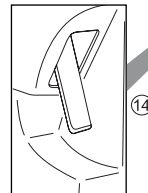
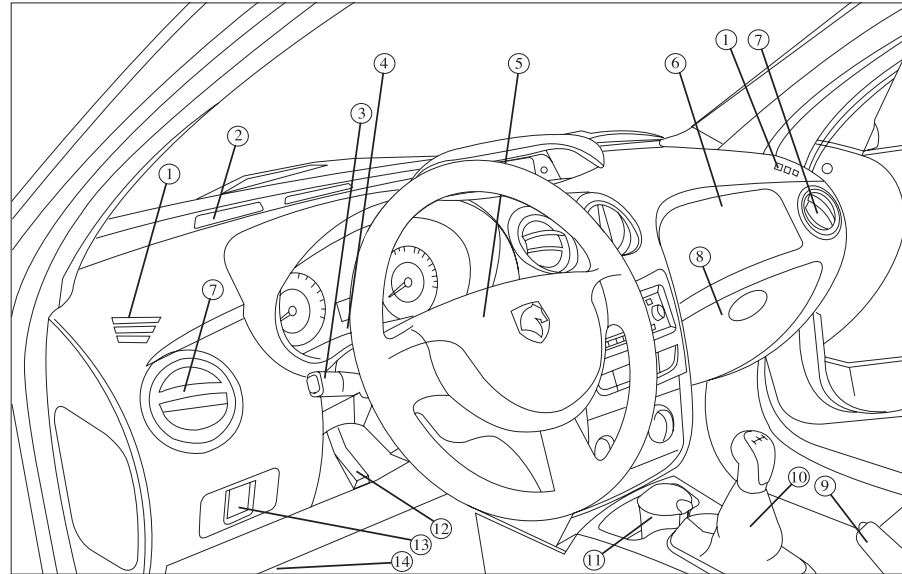
- 1) Steering wheel
- 2) Windshield wiper and washer lever
- 3) Adjustable inlet of central air condition
- 4) Audio equipment
- 5) Trunk lock opener
- 6) Flasher switch
- 7) Central lock control key
- 8) Heater, ventilation, air condition, rear window heater and mirrors heater's control keys.
- 9) Switch
- 10) Fuse box
- 11) Bottle and disposable tissue place
- 12) Place for glass, drink can and other things
- 13) Rear Power Window Deactivating Key*
- 14) Instrument panel (multipurpose)*



* If equipped

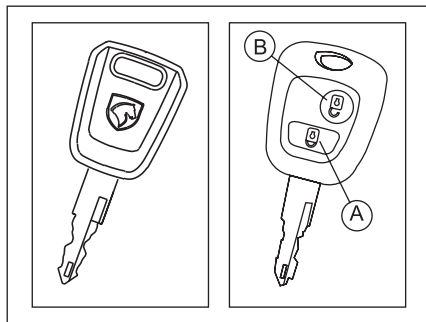
Vehicle parts

- 1) Side windows de-mister vent
- 2) Front screen de-mister vent
- 3) Lighting system controls and turning signals
- 4) Glove box lighting adjusting switch
- 5) Driver air bag
- 6) Passenger air bag's location
- 7) Front air condition system's adjustable inlet
- 8) Instrument panel display
- 9) Parking brake
- 10) Gear-change lever
- 11) Front ash tray
- 12) Steering wheel's height adjustment control
- 13) Headlamp adjustment
- 14) Engine compartment door opening lever



RUNNA AT A GLANCE

1

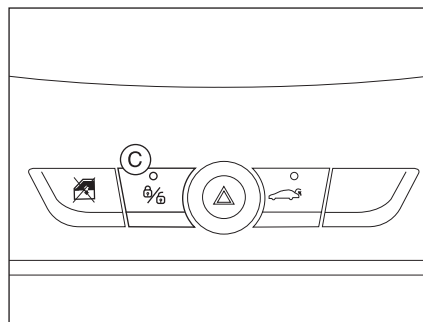


Keys

The keys allow you to **independently** operate the locks on the front doors, luggage compartment door, front passenger air bag disarming switch, fuel tank cap, steering wheel lock and switching on the ignition.

Remote control

Vehicle's doors are remotely locked by pressing button "A". This function is confirmed by lighting of the turn signal for about 2 seconds. Press button "B" to unlock the vehicle doors. This is confirmed by twice flashing of the turn signals.

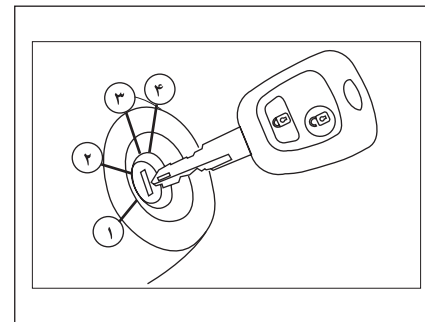


Central locking and unlocking on the instrument panel

By pressing button "C", you can open/close all the doors except the trunk lid. If one of the doors is open, the central locking does not work.

Parking the vehicle

Press button "A" to lock the vehicle's doors. If the turn signals light on and off for two second, it means that all doors are locked and anti-theft protection system has been activated. But if the turn signals light on and off rapidly four times, it means one of the vehicle's door is open and the anti-theft protection system has not been activated. So close the door and press button "A" again.



Starting

There are four possible positions of the key in the ignition switch:

1- Stop position or off:

The ignition is off.

2- 1st notch, accessories position:

The ignition is off but the accessories could be operated.

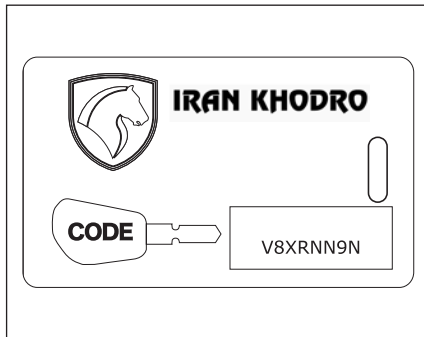
3- 2nd notch, move position:

The ignition is on.

4- Start position:

The engine ignition on (Start)

* If equipped



Bar-Coded card

You receive a coded card together with one set of the spare key. The card has identification code which is needed by the Iran Khodro authorized dealer when working on the electronic immobilizer system. The code is covered by a label which should be cleaned only when needed.

Keep the vehicle identity card in a safe place and never leave it in the vehicle.

Take the card with yourselves during travel together with other document of the vehicle.



Warning

When purchasing a second- hand vehicle, be careful to receive the vehicle identity card.

It is recommended to have the key codes memorized by the authorized dealers to ensure that keys in your possession are the only ones which can start the vehicle. Do not make any modification to the electronic engine immobilizer system.

RUNNA AT A GLANCE

1

steering lock

Before starting, unlock the steering, if necessary, by turning the steering wheel slightly while turning the key.

It is advisable to press the clutch during the igniting on to facilitate the starting of the engine.

Starting gasoline engine

Do not press the accelerator-control pedal during starting.

Start and do not release the button until the engine is ignited on.

Air bag malfunction



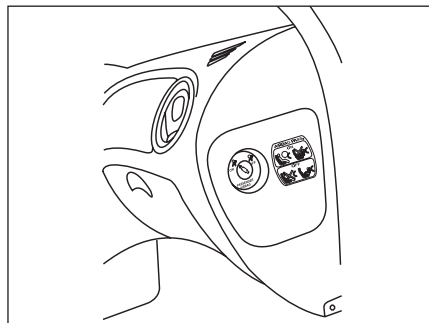
If this indicator comes on and stays on, refer to one of the Iran Khodro authorized dealers.

Front air bags

Deactivation of the front air bag

Select "1" split of passenger activation/deactivation switch and then turn the button.

- "ON" Position activates the passenger air bag.
- "OFF" Position deactivates the passenger air bag.



Controlling the proper function of the front air bag



When you turn the ignition Switch (2nd notch), this light comes on and a message is displayed on the instrument panel display, which indicates the passenger air bag is deactivated ("OFF" position). As long as the passenger air bag is deactivated this warning light remains on.



Warning

Never start the engine in a confined area.
Never attempt to modify the lock system of the steering wheel.

Safety cautions for passenger air bag



In vehicles equipped with air bag deactivation button

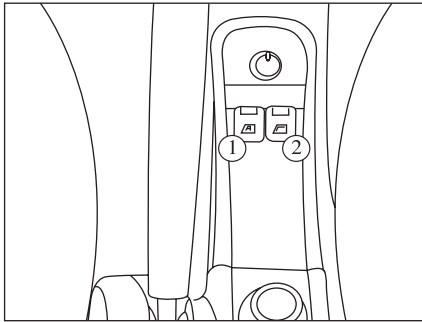
- Deactivate the function of the air bag, in case the child seat is secured "rear facing" in front of the air bag.

- Activate the air bag for adult passengers.



For vehicles which have not the air bag deactivation button.

- Never have the child seat in "rear face" position on the front passenger seat in front of the air bag. Never put your leg or any object on the panel board.



Front power windows control

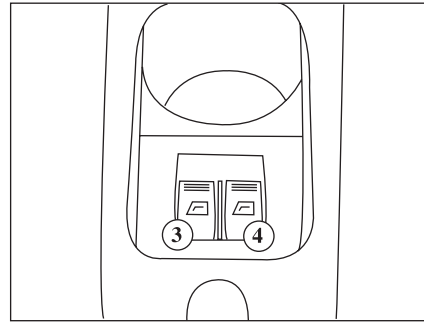
1- Driver power window control

Manual mode: push or pull the switch gently and continuously. Window stops as soon as you release the switch.

Automatic mode:

Push or pull the switch once, the window is closed or opened completely.

Autoglass closing action takes place only when the engine is running. (Automatic mode is activated by momentary pressing or dragging the regulator button of the window in some model)

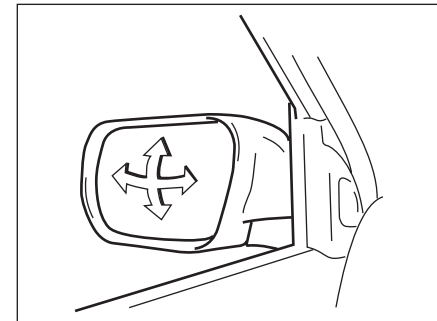
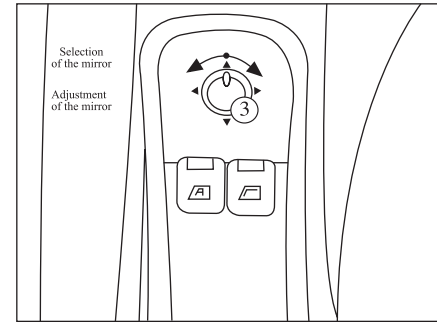


2- Passenger power window control

Push or pull the switch continuously and gently. Window stops as soon as you release the switch. There is no automatic mode for passenger power window control.

3-Electrical Rear Window regulator (Left)*

4- Electrical Rear Window regulator (Right)*



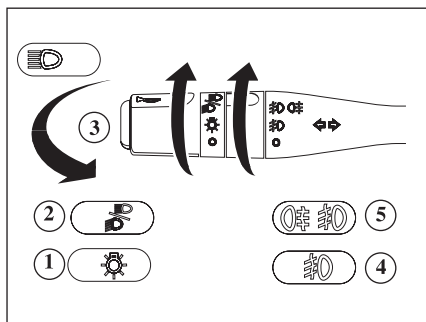
Electric mirrors:

Turn right or left the lever 3 to select intended mirror. You can turn lever 3 to all direction to adjust the mirror.

* If equipped

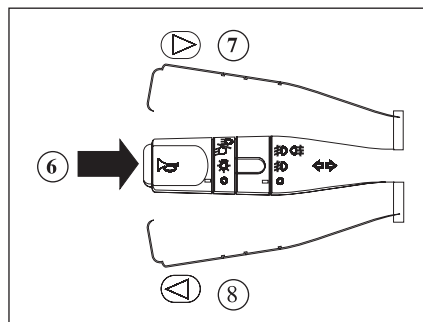
RUNNA AT A GLANCE

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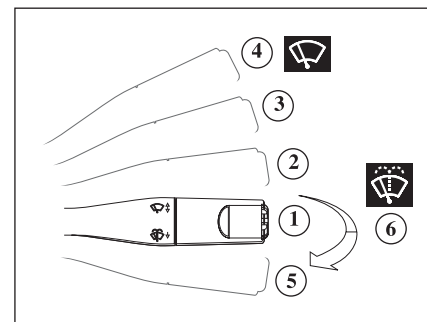


Light switches, control lever and horn

- 1- Small lamps, plaque and instrument cluster lights.
- 2- Headlight, downward/upward beam
- 3- Headlight, upward beam (pulling the lever toward the driver).
- 4- Front fog lamps.
- 5- Front fog lamps / Rear.*

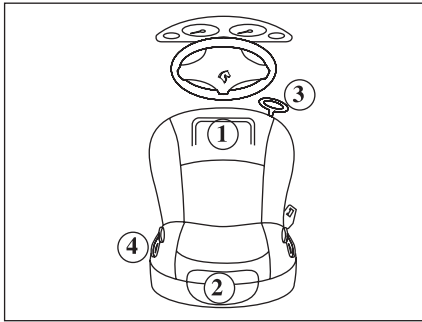


- 6- Horn
- 7- Right turning signal
- 8- Left turning signal



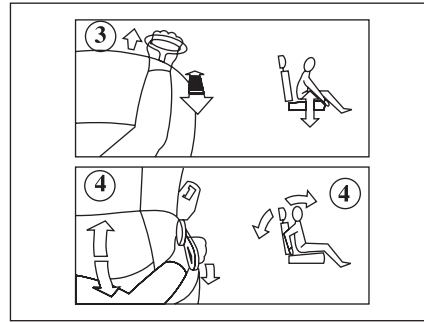
Windscreen wiper and screen washer

- 1- Off
- 2- Intermittent wipe (is adjusted according to the vehicle speed).
- 3- Slow wipe
- 4- Fast wipe
- 5- Single wipe
- 6- Screen washer (pulling the control lever towards the driver)



Front seats

- 1- Forwards – backwards adjustment
- 2- Head restraint height adjustment

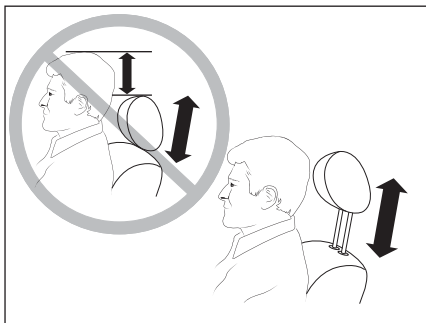


- 3- Height adjustment
- 4- Seat back angle adjustment



Warning

Never drive with head restraint removed.



Head restraint height and angle adjustment

To raise the restraint, pull it upwards.

The adjustment is correct when the upper edge of the head restraint is leveled with the top of the head.

The head restraint has a frame with notches, which prevent the head restraint dropping down (this is a safety device in the event of an impact).

To lower the head restraint, it is necessary to push simultaneously:

- a) The button located on the belt guide at the base of the head restraint,
- b) The head restraint downwards. To remove the head restraint, press the lug. The angle of the head restraint can also be adjusted.



Steering wheel height adjustment

Push the lever downward to unlock steering wheel.

Adjust the steering wheel and raise the lever.



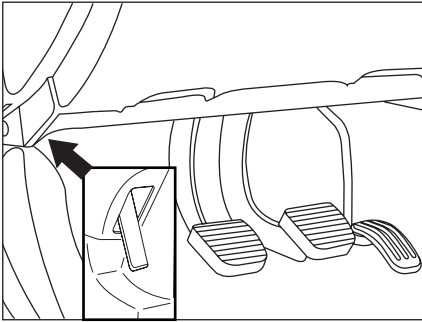
Warning

Never adjust the steering wheel while driving. This is very dangerous.



Warning

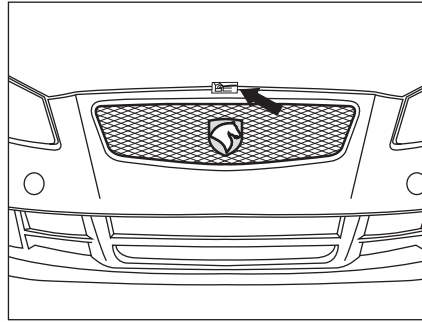
In order to reduce the personal injuries to the driver and front passenger, adjustment of the head restraint height and head position toward it should be observed exactly as per above figures.



Opening engine compartment

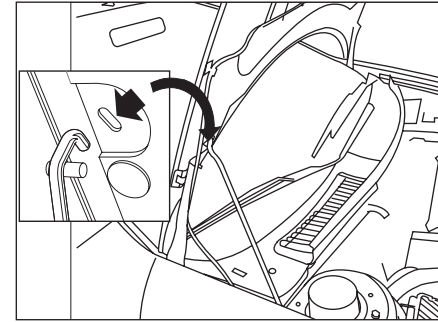
Interior control:

pull the lever of the engine compartment door.



Exterior control







pull the lever to the left and open engine compartment door. Secure the strut in its place to have the engine compartment door open.

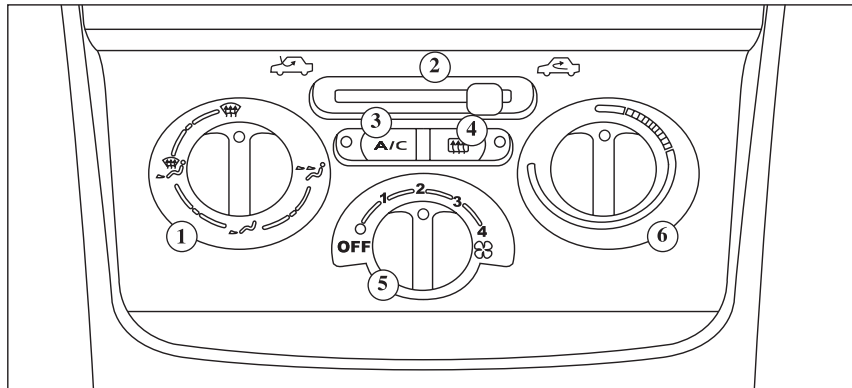


RUNNA AT A GLANCE

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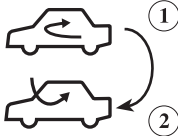



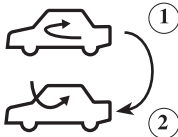






Heating / air condition

No.	Sign	Function
1		Selection of the air distribution
2		Air inlet control
3		Air condition control
4		Rear window heater
5		Adjusting air flow amount
6		Adjusting air temperature



Recommended interior settings

1

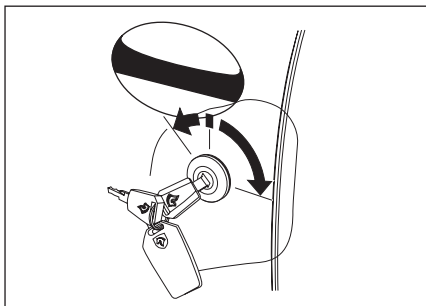
Hearing/air condition					I require -----
Manual A/C	Temperature	Air recirculation/ inlet of exterior air	Air flow	Air distribution	
-----					Heat
ON					Cold
ON					Demisting / deicing

2 BEFORE DRIVING

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DOORS

2

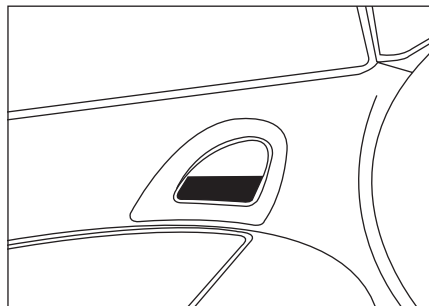


Unlocking doors from inside of the vehicle

Vehicle's doors

Locking/unlocking by key from outside of the vehicle (central locking)

Use the key for locking/unlocking the central lock system. From driver's and or front passenger door, turn the key to the left, all doors and luggage compartment are locked (locking) and to the right (unlocking).



Unlocking from inside of the vehicle

Use the door handle to open the door.

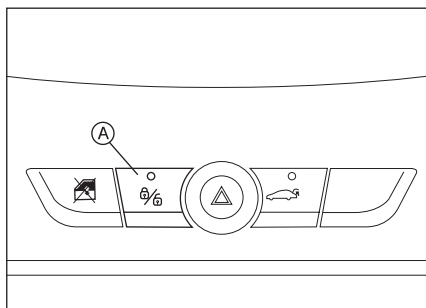
“Door open” warning

When the vehicle is running (speed more than 10 km/h) If dome lights is in the control position and each car door is open, the dome lights blink.

Note

If the vehicle doors are locked through remote ;control you must deactivate the system,if you require to unlock the doors or boot.

Otherwise security system will be activated and the flashers get on if you open the doors through mechanical switch key.



Locking/unlocking form inside of the vehicle

Doors are locked and unlocked by pushing the switch A. indicator light comes when locking. This indicator blinks when doors are locked by remote control. To lock /unlock the boot, please refer to the relevant section.

Automatic central locking of the doors

When driving (speed more than 10km/h) doors are locked automatically. When speed is more than 10Km/h, to unlock doors temporarily, just push switch A.

You can activate/deactivate this function.

Activation

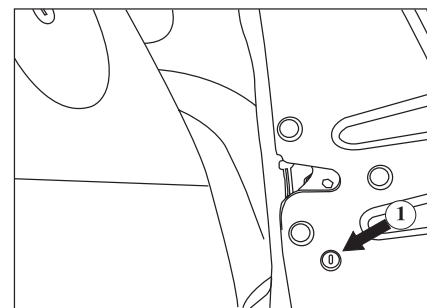
When ignition switch is on, push switch A for 5 second, activation of the function is displayed by three times blinking of the light on the key. and hearing of the buzzer sound.

Deactivation

Push switch A for 5 seconds extendedly

Note:

If either of the doors is open, you can not lock the doors from inside of the vehicle and automatic central locking does not work. If the luggage compartment door is left open, this will not prevent locking of the vehicle's doors by automatic central lock.



Child's safety lock

The child's safety lock prevent opening of the door from inside. Turn the locking special pin (1) one fourth clockwise using ignition key.

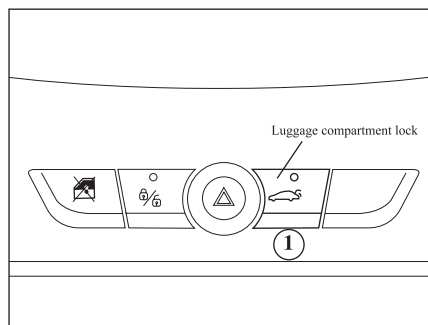


Warning

In case of being a child in rear seat, activate the children safety lock.

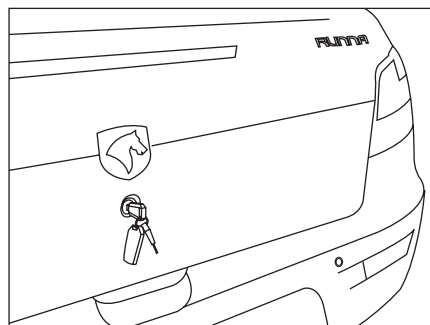
DOORS

2



Locking / unlocking of the boot.
Key for opening of boot (1) :

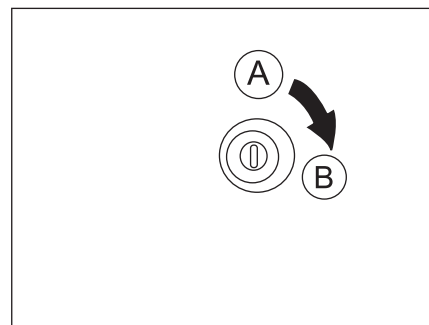
To open the boot, press the opener button of the lock for 1.5 seconds (1).



Without central lock

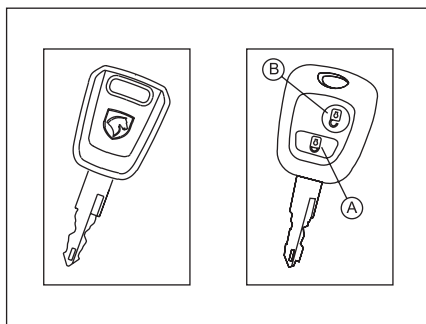
Turn the key (from A to B position) to unlock it.

Luggage compartment light comes on/ goes off while its door is open/close



While vehicle is in motion and the luggage compartment door is not closed properly, dome's light starts blinking, only if its switch is in this position.

Volume of the luggage compartment is 400 liter.



Keys

The keys allow you to independently operate the locks on the driver's and front passenger door and the trunk lid, fuel cap cover, child's safety lock, steering wheel and to switch on the ignition.

Locking and unlocking by using central lock

You can lock all doors by using these keys and luggage compartment door by the driver's door lock. But by using this you can unlock all doors except luggage compartment door. If one of the doors is open, central locking does not work. Central lock unlocks only the vehicle side doors (not the luggage compartment door). Remote control carries out the same function as the key but from a distance.

Locking:

All vehicles' doors are locked by pressing button "A". This function is confirmed by lighting of the turn signal for about 2 seconds.

Unlocking:

All vehicles' doors are unlocked by pressing button "B". This function is confirmed by twice flashing of the turn signal twice.

If vehicle doors are unlocked but none of them are opened for 12 seconds, all of them are locked again automatically.

Avoid frequent pressing of the remote control switch out of range of your vehicle, otherwise, it may not work properly and you will need to reprogram it to be activated. (Refer to relevant chapter).

Parking the vehicle

Press button "A" to lock the vehicle's doors. If the turn signals light on and off for once, it means that all doors are locked and anti-theft protection system has been activated. But if the turn signals light on and off rapidly four times, it means one of the vehicle's door is open and the anti-theft protection system has not been activated. So close the door and press button "A" again.



Warning

Avoid keeping the battery or remote controller in infants' access ,because swallowing of the battery can cause death. In case of swallowing the battery, refer to health care centers immediately.



Warning

Never leave used batteries in the environment. Take them to the approved collection points.

Changing the remote control battery

The approved battery is CR2032. For changing the battery, first remove the screw and unclip the casing using a coin in the notch.

If after changing the battery, the remote control switch does not function properly, reprogram it. Do not discard the battery. They contain metals which are harmful for environment. Take them to Iran Khodro authorized dealers or other approved collection places.

ANTI THEFT SECURITY SYSTEM

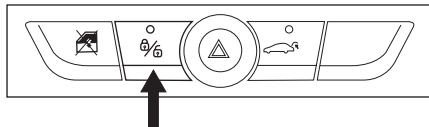
2

Anti-Theft*

Anti-theft activation

Theft deterrent alarm will be armed after you lock the doors using the remote controller while the ignition key is in initial mode and all vehicles' doors (including engine hood and trunk lid) are closed. When theft deterrent alarm is armed, the lights come on and go out once and turn signal lights blink.

Central lock key light on the instrument panel start blinking when the theft deterrent alarm is armed.



When the theft deterrent alarm is armed, occurrence of any of the followings will cause the alarm to be triggered (turn signal lights and alarm come on):

- Opening of any doors (including engine hood and trunk lid)
- Unlocking of front doors by key.
- Changing the position of the starter switch.
- Vehicle stroke.

Alarm will continue for 30 seconds. Then the alarm is stopped for 5 seconds. After that, flasher lights turn signal and alarm go out and otherwise, the alarm will continue.

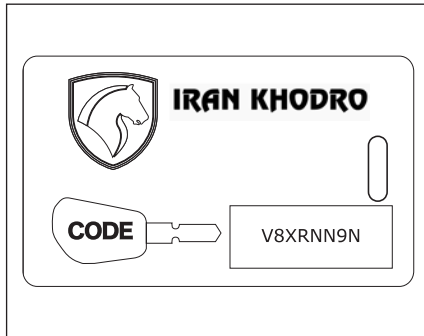
This cycle goes on with 10 times, then the turn signal lights and alarm goes out, but the theft deterrent alarm stays armed. In alarming position, by pressing on/off button on the remote controller, if the case caused alarming position is eliminated, the alarm is disconnected and the theft deterrent will be activated. In case of pressing the key, they are locked.

Deactivation of anti-theft

Press the unlock key on the remote control, doors will be opened and the theft deterrent alarm will be deactivated. When the theft deterrent alarm is deactivated, turn signal lights blink twice.

1- The shock sensor has not been installed. For installation, refer to Iran Khodro authorized dealers. After installation, activate it by diagnostic device.

* If equipped



Bar-Coded card

You receive together with key one set of the spare key and a coded card. The card has identification code which is needed by the Iran Khodro authorized dealer when working on the electronic immobilizer system. The code is covered by a label which should be cleaned only when needed.

Keep the vehicle identity card in a safe place and never leave it in the vehicle.

Take the card with yourselves during travel together with other document of the vehicle. If the vehicle is equipped with immobilizer, the vehicle engine ignites on only by using two keys delivered together with the vehicle to the owner.



Warning

Copying the key is not enough for igniting the vehicle. If you need more keys, vehicle owner should request Iran Khodro authorized dealers.



Warning

- When purchasing a second - hand vehicle, be careful to receive the vehicle identity card. It is recommended to have the key codes memorized by the authorized dealers to ensure that keys in your possession are the only ones which can start the vehicle.
- Do not make any modification to the electronic engine immobilizer system



Warning

- Anti-theft system, which your vehicle is equipped with, is one of the safest type of the protection systems which increases the security of your vehicle, without any special work. Of course this should not cause carelessness of the vehicle owner about his vehicle.

- Anti-start, electronic immobilizer (anti-theft system)

This system controls the engine's electronic system, just a few seconds after switching the engine off. So prevents igniting the engine by anyone who has not main key.

- If there is any fault in the system function

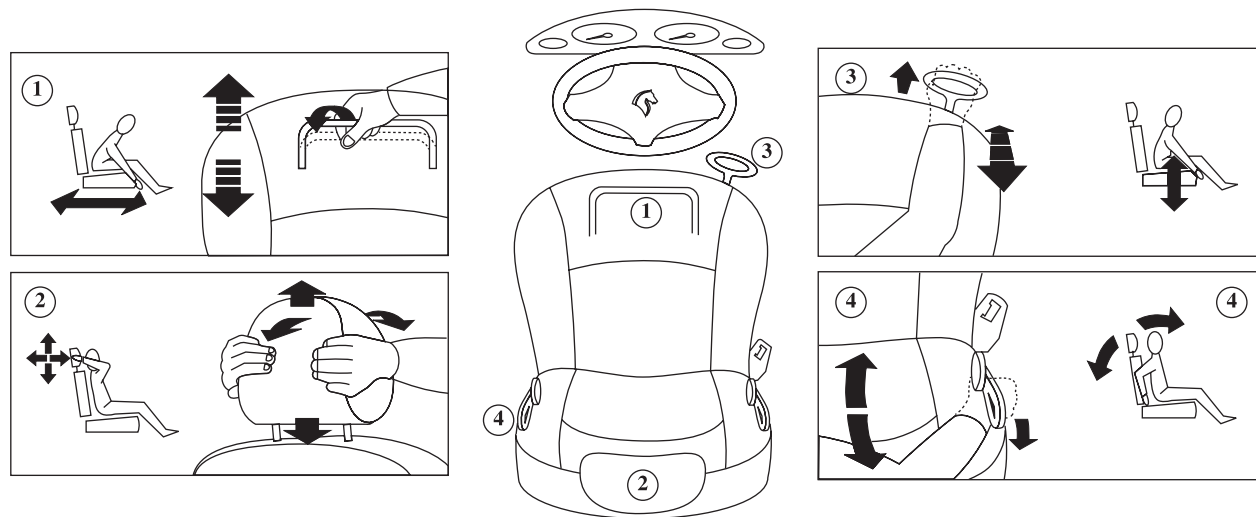
The immobilizer's LED display is located on front display of the dashboard. This light flashes quickly when the engine is turned on (the second step of the key) and in this case your car will not turn on.

In this case contact with one the Iran Khodro authorized dealers, as soon as possible.

- Note down the number of each key carefully. The number is written on the label attached to the key. If the key is lost, Iran Khodro authorized dealer can present you a new key.

High frequency remote control system is a very sensitive system; do not operate it while it is in your pocket as there is a possibility of unlocking your vehicle. Driving with the doors locked, may make access to the passenger compartment by the emergency services more difficult. When the children are left in the vehicle, take the ignition key out of the steering lock when you leave your vehicle even for a few moments. Avoid touching remote control when they are in your pocket, otherwise it may not work properly and you will need to reprogram it to activate it. When purchasing a second- hand vehicle, be careful to receive the vehicle identity card. It is recommended to have the key codes memorized by the authorized dealers to ensure that keys in your possession are the only ones which can start the vehicle.

Do not make any modification to the electronic engine immobilizer system.



SEATS

2

Front seats

1- Forwards-backwards adjustment

(Adjusting forwards-backwards of the seat)

Pull up the adjusting lever and push the seat forward and backward (slide it)

2- Head restraint height adjustment

To raise the head restraint, pull it upwards.

The adjustment is correct when the top of the head restraint is aligned with the top of the head of the occupant of the seat.

Head restraint is fitted with metal frame with notches, which prevent the head restraint dropping down (this is a safety device in case of impact).

To lower the head restraint, push simultaneously the button on the left hand guide at the base of the head restraint frame and head restraint downwards. To remove the head restraint, push the lug. Head restraint angle is adjustable.

3-Driver's seat height adjustment

Pull the adjusting handle upwards. Remove your weight from the seat to raise it, or press on the seat to lower.

4- Seat back angle adjustment

Push the adjusting handle back.



Warning

- take care that front passengers should never travel with the back seat tilted down. Complete safety capability of the seat belt is only when the seat back angle in relation to the vertical line to be 25 degrees.
- The seat belt should be positioned on the shoulder; otherwise it will not have optimum performance. Ensure the seat backs are in correct and proper position.



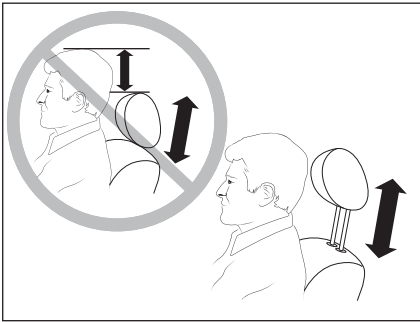
Warning

- In order to install the seat cover for the second time, be careful that the seat cover clamps are not being hindering of the action of the driver's seat regulation rods.
- Open and close the chair must be performed in accordance with procedures and safety tips. If necessary to open and close the seat, must certainly refer to authorized repair shops.

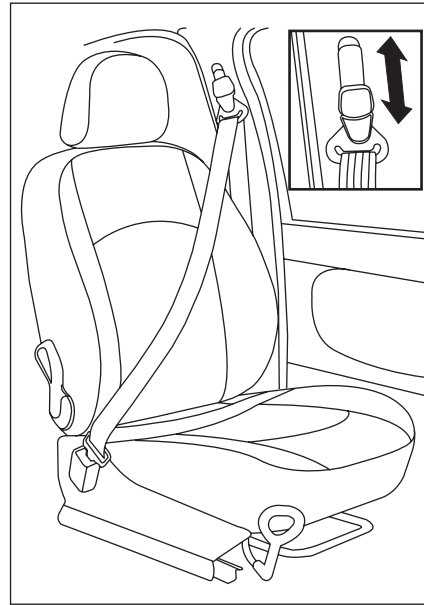


Warning

- Never drive with the head restraint removed. They should be in place and correctly adjusted.
- Never adjust the seat when driving.
- take care the foot of the rear passenger not to be under the seat when lowering the seat.

**Warning**

In order to reduce personal and safety injuries of the driver and the front passenger, their head restraints height and heads position toward it should be adjusted as the above figures.

**Seat belt**

- Seat belt height adjustment
To lower: pull the controls towards you and slide it downwards.
- To raise: slide the lever upwards.

Fastening the seat belt

Pull the strap, and then insert the belt tongue into buckle.

Front seat belt with pre-tensioner and force limiter

Safety in the event of the front impact has been improved by introduction of the seat belt with pre-tensioner and force limiter for front seats. Depending on the seriousness of the impact, pre-tensioner system instantly fastens the seat belt and pulls them against the bodies of the occupants. The pre-tensioner seat belts are active when ignition is on.

Force limiters decrease the pressure of the seat belt on the body of the occupants.

Rear seat belts

The rear seats are fitted with three seat belts and three steel reels.

**Warning**

Prevent entrance of the objects, especially the adhesive ones, into the buckle otherwise it will not function properly.



Warning

Wherever you are seated in the vehicle always fasten your seat belt even for short journeys.

Do not relocate the belt buckles, since the functions of the buckles are not exactly the same.

If the seat is fitted with arms, the lower part of strap passing over the pelvis should pass under the seat arm.

Ensure that the seat belt is rolled up correctly before and after each use

In order to be effective, the seat belt:

- Must be tightened as close to the body as possible.
- Must restrain one person of the adult size only.
- Must not bear any trace of cuts or fraying.
- Must not be twisted.
- Must not be modified or transformed.

Clean your seat belt straps with clean soapy water or special cloth detergents.

After folding or moving the rear bench seat, ensure that the seat belts are positioned and rolled up correctly.

Recommendations for children

Use a suitable child seat if the passenger is less than 13 years old or shorter than 137 cm.

- Do not use the guide-strap when placing the child seat in the vehicle.

Depending of the nature and seriousness of the impact, the pre-tensioning device may trigger before and independently of the air bags.

In all cases the air bag warning light comes on.

Following an impact, have the seat belts and air bag system checked, and if necessary replaced by one the authorized dealers.

General points relating to the child seats

One of Iran Khodro's main criteria when designing your vehicle is the safety of your children.

For maximum safety please follow these precautions:

- From 1992 onward and in accordance to the Directive 2000/3, all children under 12 years must travel in approved child seats suited to their weight on seats with a seat belt or ISOFIX straps.

- Statistically, the safest seats in your vehicle for transportation of the children are the rear seat.

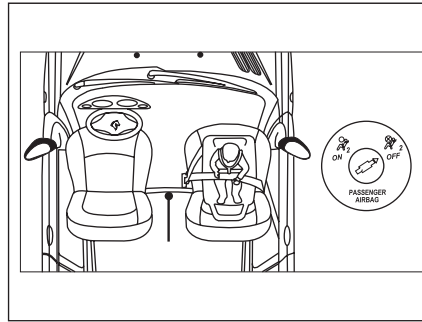
A child under 9 months old must travel in "rearwards facing" seat both in front and rear. Iran Khodro recommends that children should travel in the rear seats of your vehicle:

- "Rearward-facing" up to the age of 2,
- "Forward-facing" over the age 2

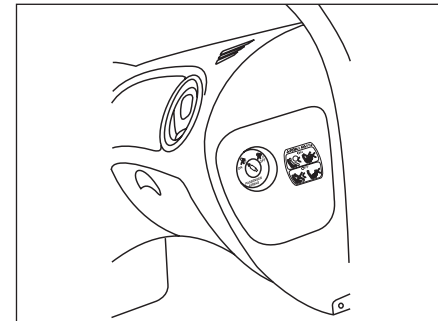
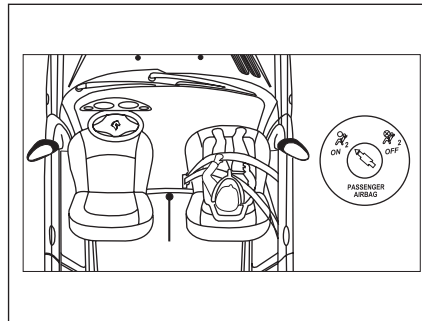
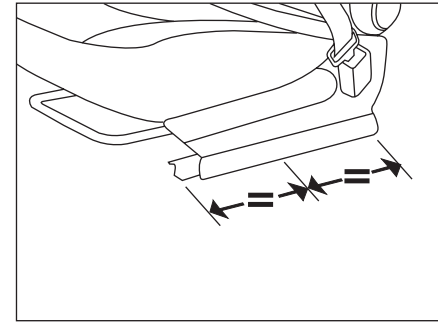
The child seat is attached to the seat belt in three points.

Rearward-facing- When a rearward-facing child seat is installed on the front passenger seat, it is essential that the passenger air bag to be disarmed.

Otherwise the child would risk being seriously injured or killed if the airbag were to inflate.






When a "forward-facing" child seat is installed on the front passenger seat, adjust the vehicle seat to the intermediate longitudinal position with the seat back upright and leave the passenger air bag armed.



CHILDREN PROTECTION

Location of the child seats secured using the seat belt

2

Seat	Weight of the child/ indicative age			
	Below 13 kgs (groups 0 (b) and 0+) Up to approx. 1 year old	9-18 kgs (group 1) 1 to 3 years approx.	15-25 kgs (group 2) 3 to 6 years old	22 to 36 kgs (group 3) 6 to 10 years old
Front seat of fixed passenger (C) 	U	U	U	U
Side rear seat 	U	U	U	U
Rear center seat (d) seat belts with three points attachment 	X	UF	UF	UF

Above table, in accordance with the European legalization (Directive 2000/3) indicates the child seat installation capability secured with seat belt and approved for general application according to the child weight and its location in the vehicle.

(a) Universal child seat. Child seat which can be installed in all vehicles using seat belt.

(b) Group 0: from birth to 10 kgs

(c) Consult the current legalization in your country before installing your child on this seat.

(d) Child seat with (LI) brand "BRITAX Body Sure" should not be installed on the rear center seat

(U) seat for installation of a child seat secured using seat belt and universally approved and is suitable for "rear-facing" and/or "forwards facing" child seats

(Uf) seat suitable for installation of a child seat secured using seat belt which universally approved, and is only for "forwards facing" child seats.

(X) Seat which is not suitable for installation of a child seat.



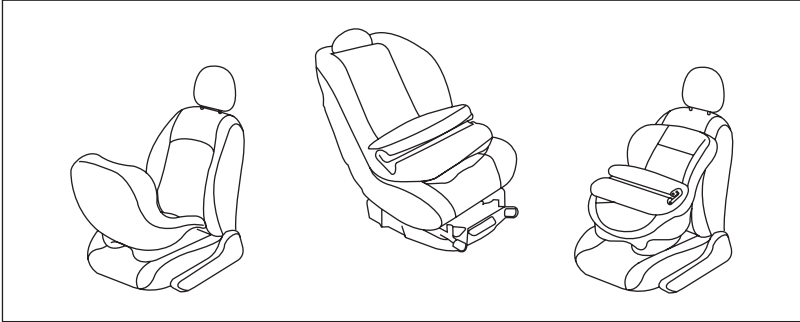
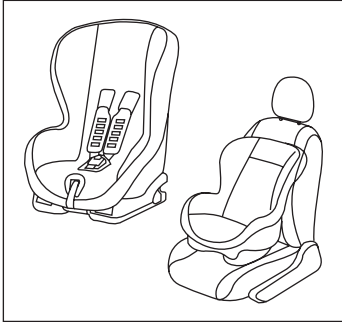
Warning

- No object should be on the floor of the vehicle (driver side); otherwise it may slide under the pedal during a hard braking.
- Children should not sit on the lap of the vehicle passengers. When the child is sitting on your lap, there is the risk of the serious injuries. Never use a seat belt for fastening two people simultaneously.

CHILDREN PROTECTION

ISOFIX child seat recommended by Iran Khodro and approved for your vehicle

2

Group 0+: from birth to 13 kgs		Group 1: from 9 to 18 kgs	Group 1: from 9 to 18 kgs
			
to be installed rear-facing		To be installed forward-facing	Should be installed only forward-facing
Its body should be supported by the back of front seat		Front seat should be in the intermediate longitudinal position.	Is fixed without using the upper strap, with capability of providing three inclined position at body section: sitting, rest and sleep positions. Adjust front seat in a way that child's foot have no contact with its back

In this position they should be attached to the vehicle seat belt by three points

For information about installing the child seat refer to the installation manual of the seat manufacturer.

Advice on child seats

Incorrect installation of the child seat in the vehicle compromises protection of the child in the event of an accident.

Remember to fasten the seat belts or child seat harnesses keeping the slack in relation to the child's body in a minimum even for short journeys.

For optimum installation of the "forward-facing" child seat, ensure the back of the child seat is in contact with the back of the vehicle's seat and that the head restraint does not cause any discomfort.

If the head restraint has to be removed, ensure that it is stored or attached securely to prevent it from being thrown around the vehicle in the event of sharp braking.

Children under the age of 10 must not travel on the front passenger seat. Only if the rear seat is occupied by other children or the seat is unusable and/or removed, child may travel on the front passenger seat. Disarm the passenger air bag when the child seat is "rearward-facing" position. Otherwise there is the risk of severe injuries or even death of the child in the event of the air bag inflation.

Installing a booster seat

The chest part of the seat belt must be positioned on the child's shoulder without touching the neck.

Ensure that the lap part of the seat belt passes correctly over the child's thighs.

Iran Khodro recommends the use of a **child seat belt** which has a back, fitted with a seat belt guide at shoulder level.

As a safety precaution, do not leave:

- One or more children alone and unsupervised in a vehicle.
- A child or an animal in a vehicle which is exposed to the sun, with the windows closed.
- The keys within reach of children inside the vehicle.

To prevent accidental opening of the doors, use the "Children safety locking system."

Take care not to open the rear windows by more than one third.

To protect young children from rays of the sun, fit side blinds on the rear windows.

AIR BAGS

2

Air bags

System is designed to maximize the safety of the front occupants in the event of violent collisions. It supplements the action of the force-limiting seat belts.

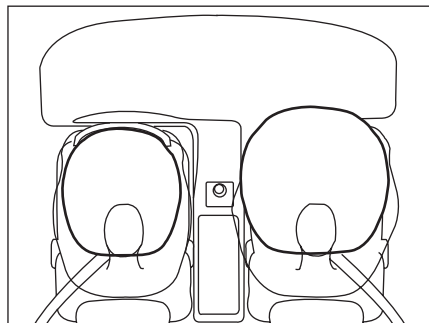
If a collision occurs, the electronic detectors record and analysis the front impacts sustained in the impact detection zones:

In the case of a serious impact, the air bags are triggered instantly and protect the front occupants of the vehicle; immediately after the impact, the air bags deflate rapidly so that they do not hinder visibility or exit of the occupants. In case of a minor impact, the air bags will not be triggered; the seat belt alone is sufficient to provide optimum protection in these situations.

Seriousness of the impact depends on the type of obstacle and speed of the vehicle at impact time.

The air bags do not operate when the ignition is switched off.

Note: triggering of the air bag is accompanied by a slight emission of harmless smoke which may cause slight irritation.



Front air bags

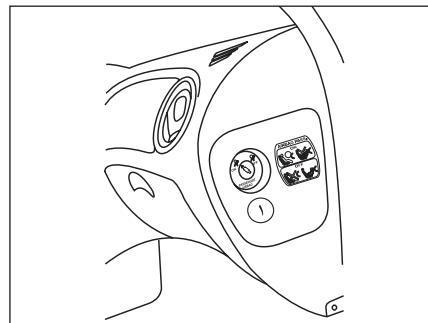
The air bag is fitted in front of the steering wheel, and front passenger air bag is located in front of the instrument panel.

These two air bags are usually triggered together, except when the front passenger air bag is deactivated.

Air bag malfunction



If this indicator comes on and stays on, refer to one of the Iran Khodro authorized dealers.



When a rearward-facing child seat is installed on the front passenger seat, it is essential that the passenger air bag to be disarmed. Otherwise the child would risk being seriously injured or killed if the air bag were to inflate.

- **Switch off the vehicle**, insert key in the special switch to disarm the passenger air bag (1) and turn it to the "OFF" position, then take the key out in the same position.

Deactivation warning light of front passenger air bag:



This light stays on as long as the front passenger air bag is disarmed.



Warning

Front air bags are triggered only in case of a serious impact from front of the vehicle when there is the risk of head and chest injuries. They are not for reaction in case of the minor, rear and side impacts and certain roll-over of the vehicles.

Passenger air bag is not triggered when its control is in "OFF" position even in case of impact. As soon as the child seat is taken out of vehicle, turn the air bag key to "ON" position in order to arm it again to function in case of the impact. (Turning off the deactivation warning light of front passenger air bag in instrument panel display)

Disarming key

A warning indicator comes on when the air bag is disarmed.



When the vehicle is ignited on (second notch) if this light comes on it indicate the front passenger air bag is disarmed.

(Air bag "OFF" Position)



Warning

Should the air bag warning indicator light remain on extendedly, you should not place child seat in the "rearward-facing" position. Refer to an authorized dealer as soon as possible.



Warning

In order to have full effectiveness of the air bags, observe the following safety rules:

- Wear a correctly adjusted seat belt
- Sit in a normal upright position.
- Do not leave anything between the occupants and the air bags (a child, pet, object). This could hamper the operation of the air bags or injure the occupants.
- Function of the air bag has been programmed very precisely; in case of any fault refer only to the Iran Khodro authorized dealer.
- After an accident or if the vehicle has been stolen or broken into, have the air bag systems checked.
- When driving, never put your hands on the steering wheel paddle or its central part.
- Do not smoke in the vehicle, as far as possible, otherwise cigarette ash or smoke may cause burning or damage to the air bags or their system.
- Do not open steering wheel and avoid punching or hare strike to the steering wheel.
- Do not put your foot on the instrument panel.
- Pay attention to the warning label attached to the front passenger's sun visor

STEERING WHEEL

2



Steering wheel height adjustment

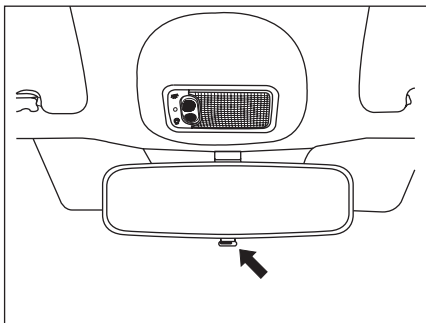
Push the lever downward to unlock steering wheel.

Adjust the steering wheel and raise the lever



Warning

- Never adjust steering wheel when driving. This is very dangerous.
- Due to safety reasons, adjust steering wheel only when vehicle is not in motion.

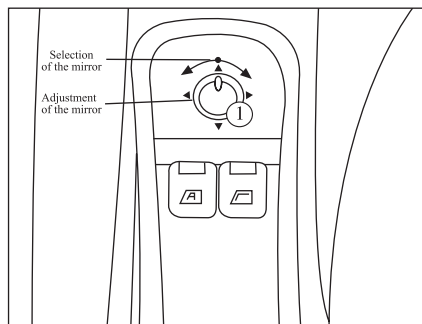
**Rearview interior mirror**

The mirror has two positions:

Day (normal position)

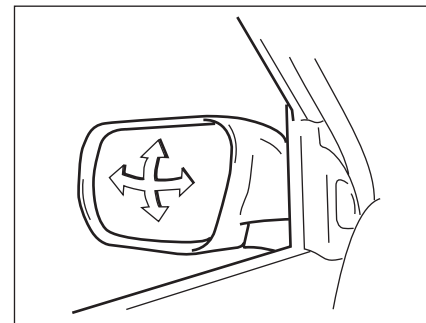
Night (anti-dazzle)

Push or pull the lever under the mirror to change position.

**Power side mirrors (exterior mirrors)**

Turn the adjusting lever(1) to the left or right to select the mirror.

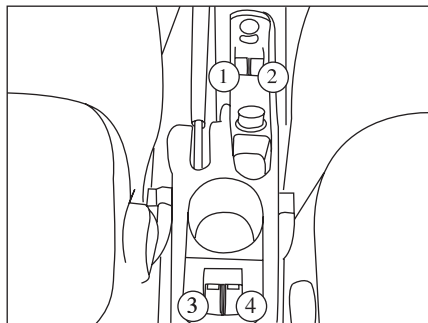
Then move the lever (1) to all four directions to adjust the mirror.

**Warning**

Driver exterior mirror is convex to reduce blind spot. So objects observed in the driver and passenger mirrors are, in reality, closer than they appear. This must be taken into account in order to judge the distance vehicle approaching from behind correctly.

ELECTRIC WINDOWS

2



1- Driver power window switch

- Manual operation:

To open or close the window, press or pull the switch gently, the window stops as soon as you release the switch.

-Automatic operation: to open or to close the window, press or pull switch (1) fully: the window opens or closes completely when the switch is pressed or pulled once. When the engine is running, the driver's side window automatically acts to close the window. (Automatic mode is activated by momentary pressing or dragging the moment window regulator button in some model)

2- Front electric window switch

3- Rear electric window switch (Left)*

4- Rear electric window switch (Right)*



Warning

-Always remove the key from the ignition when leaving the vehicle, even for a short time.

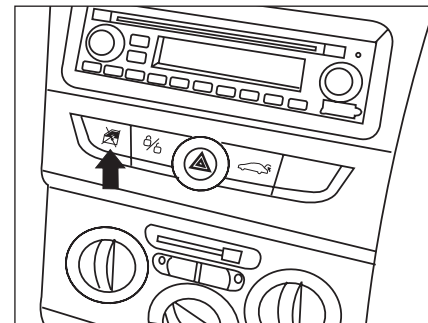
- In the event the power window gets caught during manual operation, you should reverse the movement of the lever, so push the switch concerned.

- When the driver operates the passenger electric window switches, he must ensure that no one is preventing correct closing of the windows.

- The driver must ensure that the passengers use the electric windows correctly.

-Be aware of children when operating the windows.

-When electric window is closing, if the head or hands get caught by it, they may be injured seriously. Incorrect closing of the windows may cause serious injuries.

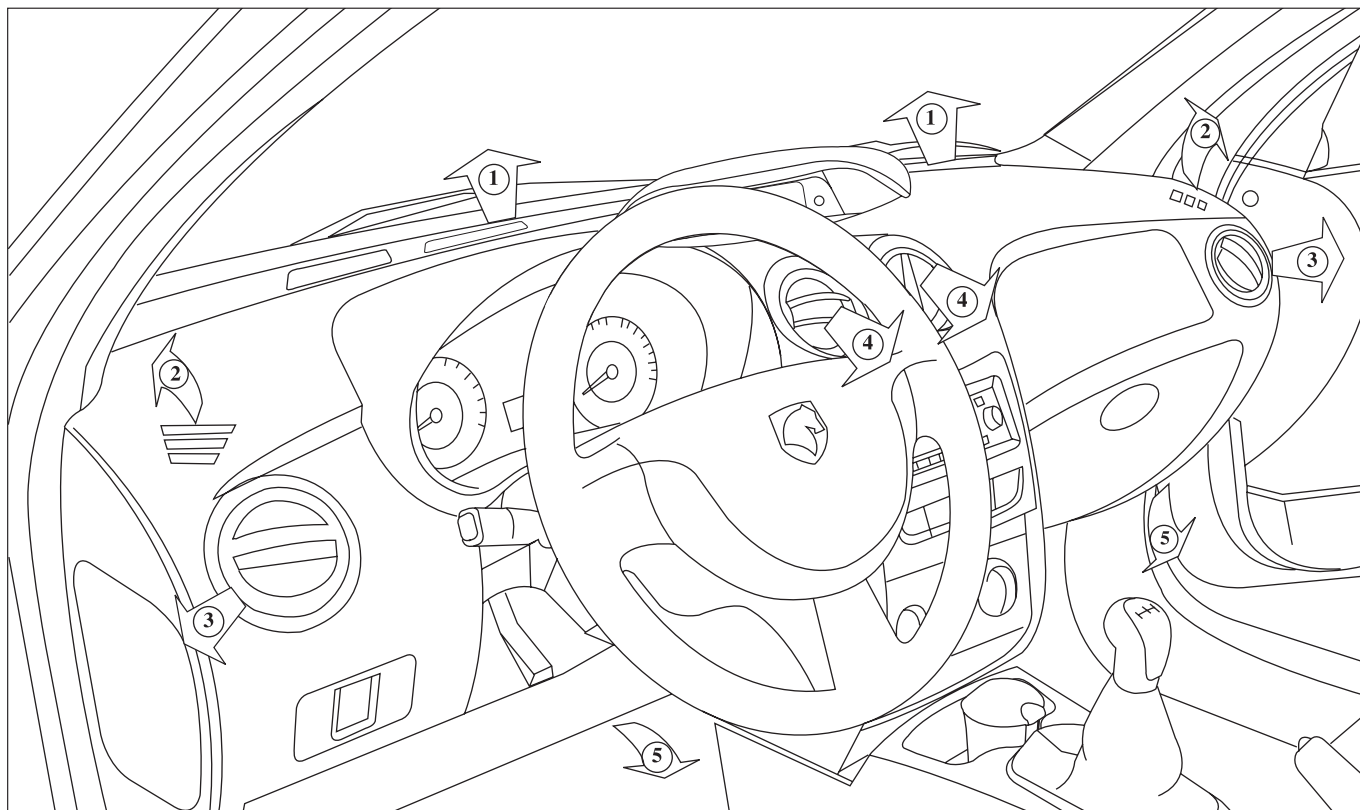


Temporary Deactivating of Rear Electric Window (Child Safety)

This key locks the rear window at any point. By initial pressing, the key is activated (The light is on). By second pressing, the key is deactivated (The light gets off).

* If equipped

Air vents perspective



2

VENTILATION

2

Ventilation

- 1) Wind screen heating and de-misting vents
- 2) Front windows heating and de-misting vents
- 3) Side vents
- 4) Central vents
- 5) Air outlet (heating) under front passenger foot

Applied recommendations and reminders

Adjust air flow control switch to ensure enough and suitable fresh air circulation in the vehicle.

If you leave the switch in the OFF position (inactivation of the system), passengers convenience in regard to the air temperature could not be assured.

Adjust the temperature as per requirements and climate.

Adjust the temperature to the optimum temperature.

Leave the air inlet control at "exterior air" position to have better demisting function.

Vehicle interior temperature is very high after a long stop under the sun, so have

the vehicle air ventilated for a while.

To ensure proper and complete distribution of the air, avoid closing the exterior inlet vents, air vents, and air outlet under passengers' foot.

If you switch off ventilation in some hard usage of vehicle (loading max. cargo at steep and high temperature), the engine function is recovered. So its towing power is improved. Ensure the ventilation filter of the vehicle cab works properly. This filter is located at windscreen and under the engine compartment cover. Replace filter parts regularly. In case climate is unfavorable, it is better to replace them even at scheduled maintenance intervals. Air ventilation has no chlorine and so it is safe for Ozone layer.

Operate the air conditioning system once or twice a month, to keep it in perfect working order.

The water formed by the air conditioning condensation is discharged via an opening

provided for this purpose. Therefore, a puddle of water may form underneath the vehicle when stationary.

If the system does not produce cold air, do not use it and contact an Iran Khodro dealer.

Rear screen heating

Heater of the rear screen and exterior mirrors are activated by pushing this switch, while engine is ignited on.

In order to avoid over consumption of the power, the heater is switched off after 12 minutes automatically.

You can inactivate the heater by re-pressing the switch before it is switched OFF automatically.

Switch heater off as soon as the rear screen is demisted, as low consumption of the power causes reduction of the vehicle fuel consumption.

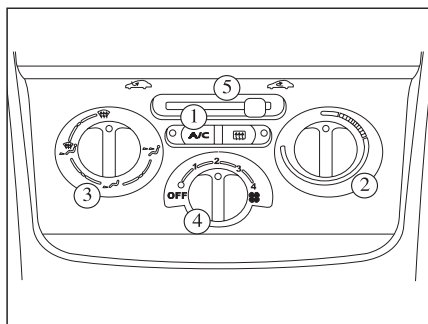
Manual demisting

For rapid demisting of the wind screen and side windows:

- Activate the ventilation system
- Set the heat control switch and air flow control switch at maximum.
- Close the central vents.
- Have the exterior air inlet control at the left side i.e. at position "exterior air"

VENTILATION

2



Air condition

The air conditioning system can only operate when the engine is running.

1-Air condition ON/OFF switch

This system functions in all seasons when the windows are closed. It caused reduction of temperature during summer and increase demisting power in above zero degree temperature at winter. Press the A/C of this button. The indicator light is activated.

Air condition does not operate when the air flow control switch is at position "Off".

2-Temperature adjustment

Turn the dial from blue (cold) to red (hot) to adjust the temperature to suit your requirements.

3-Air distribution adjustment

Windscreen and side windows demisting and deicing Windscreen, side windows and foot wells.

Passengers' foot wells

These settings are recommended for cold climate.

Central and side vents

This setting is recommended for hot climate. To adjust the air distribution evenly in all directions, you can leave its switch on "—" sign.

4-Air flow adjustment

Turn the dial from position 1 toward position 4 to achieve your desired air flow.

5-Air inlet / Air recirculation

Exterior air in take

Interior air flow

Recirculation of the interior air prevents exterior smoke and odors from entering the passenger compartment.

The inlet of the exterior air prevents the formation of mist on the windscreen and side windows.

If you apply air recirculation together with air ventilation, the heating and cooling functions improves.

In humid climate, air recirculation may form mist on the windows. Turn the manual control 5 to right to select "interior air flow" position. turn the manual control 5 to left as far as possible to "exterior air flow" position. This prevents decline of the air quality in the cab.



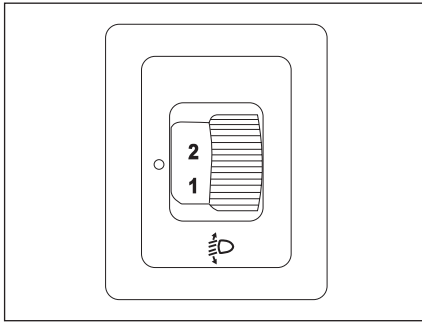
Cuation

- It is recommended to inspect and service the air condition system regularly to ensure its proper function.
- Let the manual control 4 to be at left, "exterior air recirculation" position as far as possible. This prevents decline of the good quality of air.



Warning

Do not open the cooling fluid circuit. This fluid is dangerous for eye and skin.



Headlamp height adjustment

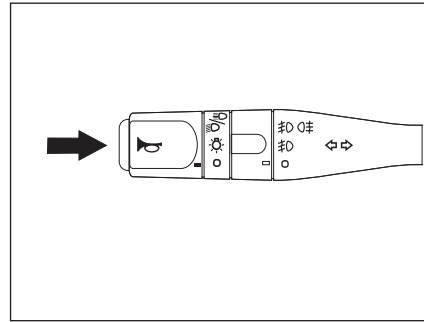
We recommend adjusting the headlamp height depending to the load of the vehicle.

0-1 or 2 people in front seats

1-5 people

2-5 people + max. authorized loads

Initial setting is position 0

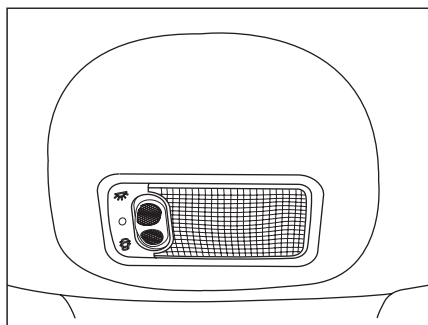


Horn


Push the end button of the turn signal lever

INTERIOR EQUIPMENTS

2



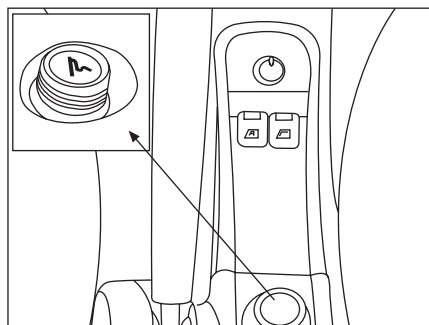
Dome light

 Dome light remains on in following situations:


- One of the doors is open
- Luggage compartment or engine compartment door is open

When the vehicle's doors are closed, if the key is not removed from ignition, the light remains on for 12 seconds and then goes off. If one of the doors or the luggage compartment are not closed properly and the vehicle speed exceeds 10Km/h, the dome light blinks.

When doors are unlocked by remote control key, the dome light comes on and goes off in one of the above conditions.



○ Off (constantly)

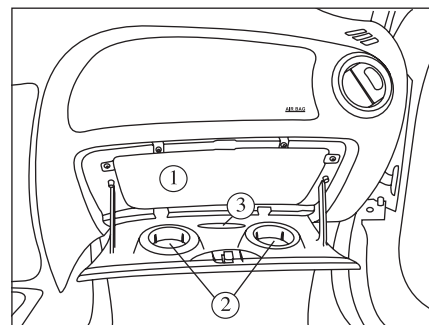
 Light remains on (constantly) as long as the ignition switch is on or the key is in position accessories equipments.

Lighter

push it all the way into the receptacle and release it. It will automatically heat up and will pop out to its normal position when it is ready to use.

Sun visor

There is a makeup mirror on the sun visor which its cover is toward the driver.



Glove box

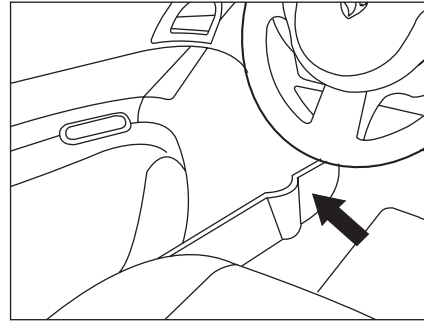
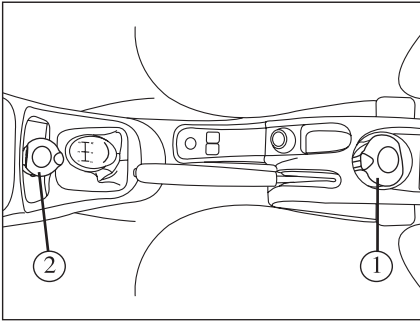
To open the glove box, lift the handle. In the glove box following places have been considered:

1. Handbook packs and map storage.
2. Can holder.
3. Pen holder.



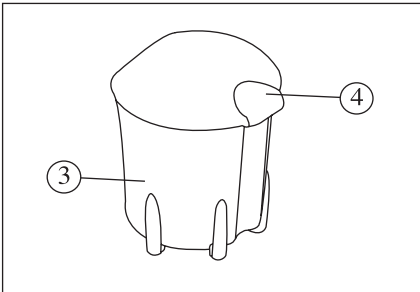
Warning

Ash trays are very dangerous. Never throw waste in the ashtrays: it could create a fire hazard.



Napkin and can holder

There has been a place for napkin and can on the front doors.



Front and rear ash trays

Ash trays could be in one of the positions (1) or (2). Pull the door (4) and release the ashtray upwards. Take the ash tray (3) and empty the ash tray.



2

Warning

Installation of the additional equipment:

It is recommended to use only equipment approved by the manufacturer of the vehicle and its guarantee to ensure the proper function of the vehicle and avoid any loss of its safety.

Electric and electronic equipment

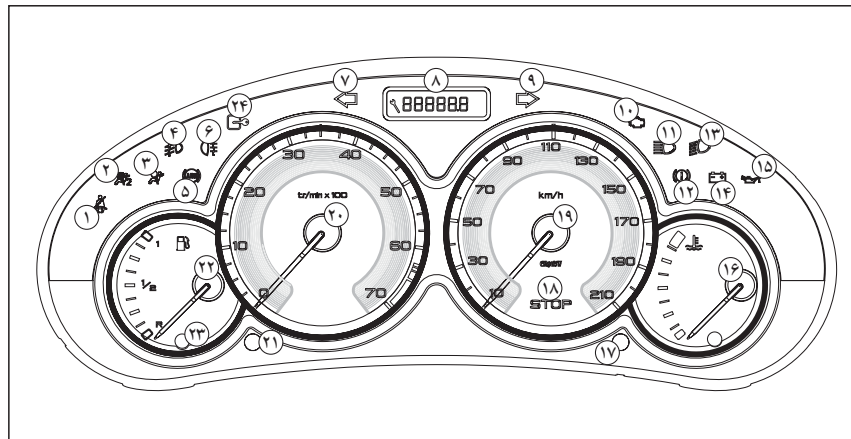
Any tampering of the vehicle electronic circuits should be done only by the authorized dealers; otherwise one faulty connection can cause complete damage to the electrical connections or devices attached to it. Ensure the new fitted electrical device is protected by the fuse. Be aware of the fuse location and its current density.

-Any tampering and/or modification of the fuel feed system (electronic control unit, wiring, fuel circuit, injector, protective cover,) is strictly forbidden, due to possible danger for you. These works should be done only by the experts of the after sale services of the Issaco.

3 DRIVING

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Instrument Cluster: Gasoline – Hand Gear Box



- | | | |
|---|--|---|
| 1- Safety Belt Warning Light* | 11- Main Beam Light | 19- Speedometer |
| 2- Passenger Air Bag Deactivation Warning Light | 12- Hand Brake Warning Light-Low Brake Fluid level Warning & EBD System Warning Light. | 20- Rev. Counter |
| 3- Air Bags Warning Light | 13- Downward Beam Light | 21- Adjusting the illumination intensity of the Instrument Cluster. |
| 4- Front Fog Lamp | 14- Battery Charge Warning Light | 22- Fuel amount indicator |
| 5- Anti-Brake System Warning Light (ABS) | 15- Engine Oil Level Warning Light | 23- Low Fuel Warning Light |
| 6- Rear Fog Lamp Warning Light | 16- Coolant Fluid Temperature Indicator | 24- Immobilizer Light |
| 7- Left Direction Indicator | 17- Kilometer Counter Button (Total distance recorder) | |
| 8- Kilometer Counter & Service Indicator | 18- STOP Warning Light | |
| 9- Right Direction Indicator | | |
| 10- Engine Fault Warning Light | | |

* If equipped

Warning Lights

If the engine is running, the warning lights turns on in blinking or stationary mode, it means that your vehicle parts do not function properly.

Some warning lights get on along with audio alarming simultaneously.

Do pay attention to these warnings and you should contact to Iran Khodro authorized dealers as soon as possible.

Central Warning Light (Stop)

The light is connected to the following warning lights:

- 1- Engine Oil
 - 2- Error in the battery
 - 3- The engine water temperature
- Also, the light is connected to the Coolant Temperature Indicator System.

When the engine is running, if the light blinks, it's necessary to stop.

Contact to the Iran Khodro authorized dealers.

Engine Oil Temperature and Pressure Warning Light

The light is connected to the Stop Warning Light.

It's necessary to stop.

The warning indicates the following:

- Low Fluid pressure.
- The oil doesn't reach to the top of lubricating circuit. Please fill up the oil reservoir adequately.
- Oil High Temperature.

To reduce oil temperature, reduce the speed. Contact to the Iran Khodro authorized dealers.

Hand Brake Warning Light and emptiness of brake oil and fault in Brake electric supply system (EBD)

The light indicates one of the followings:

- The Hand Brake is active or not released completely. The brake fluid is extremely reduced. (If the hand brake is released and the light is still on)
- There is a fault in the Brake force Distribution System (EBD), if lighting the light is along with lighting the ABS warning light.

It's necessary to stop.

Contact to the Iran Khodro authorized dealers.

Anti-brake system Warning Light (ABS)

If the switch is ignited, this light stays on for a few seconds.

If the light stays on continually, it means that there is a fault in ABS System.

Anyway, the vehicle normal brake system operates. If the light gets on along with audio alarming and warning message on display panel, indicates an unusual mode related to ABS System. If so, contact to the Iran Khodro authorized dealers.



Warning

- Accepted oil level with gauge should be checked in smooth area after 10 minutes the engine is off.
- The driver should not keep driving, when the stop light gets on for any reason. In this case ,if the driver keeps driving, he/ she will be responsible for any damages to the vehicle.

* If equipped

CONTROLS

3

Battery Charge Warning Light

Indicates the following:

- A fault in charging circuit.
- Battery powers less or starts input.
- Generator belt is broke-up or loosened.
- Generator failure
- If so, contact to one of the Iran Khodro authorized dealers.

Engine Diagnostic system Warning Light

The light turns on when the switch is opened, and turns off as soon as the car is turned on. If lit during the driving, it means that there is a problem in the fuel injection or ignition control system. If the warning light is blinking, there is a problem in the ignition system and the engine must be operated with a slow start. In this case, as soon as possible, contact one of the authorized dealers of Iran Khodro.

Fuel Warning Light

If this light turns on for first time, it means that there is gasoline for at least 50 kilometers (The tank capacity is about 50 liter).

* If equipped

Safety Belt Warning Light*

After starting the ignition switch, the light turns on, if the seat belt is not fastened. When the vehicle speed exceeds 10 km/h, lighting of the warning lamp gets on along with audio alarming for 60 seconds.

Passenger Air Bag Deactivation Warning Light

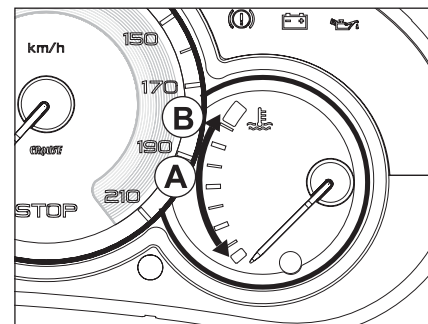
When this light turns on, it means that passenger air bag is inactivated. As long as the passenger air bag is inactivated, this light remains on. In any case, if the warning light blinks, you should contact to one of the Iran Khodro authorized dealers.

Air Bag Warning Light

When engine is ignited, this light turns on for a few seconds. At the time driving if the light turns on together with an audio-warning or a message on the display, it means that there is a fault in the air bags system.

Immobilizer System Light

Blinking this immune lights every 4 seconds once, after turning off the car, means the immune system is active.

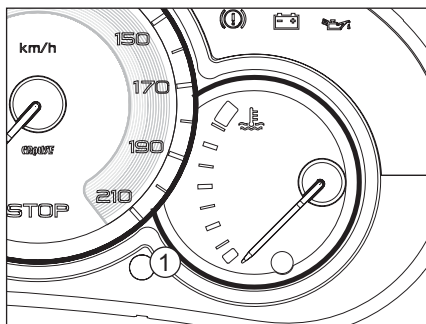


Coolant High Temperature Warning Light

- The indicator in “A” position shows improper temperature.
 - The indicator in “B” position shows a high coolant temperature.
- In this case the Stop Warning Light blinks.

It's necessary to stop.

Contact to the Iran Khodro authorized dealers.



Setting the Service Indicator

The Iran Khodro authorized dealers set this, after each service.

If you do the setting by yourself, follow the followings to set the indicator:

- Off the switch.
- Press and hold button "1" .
- Turn on the switch.

*Kilometer Counter Indicator starts countdown for 10 seconds.

- Hold the button "1" for 10 seconds. The sign [=.] is displayed. Then turn off the switch and turn on again.

* If equipped

CONTROLS

Front Instrument Panel Display

Starting the engine, two functions are displayed.

- Service Indicator
- Kilometer Counter Indicator, which after the engine is off, shows the driver's side door is open and locking/unlocking too for 30 seconds.

The Vehicle Service Indicator

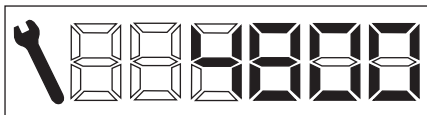
The indicator points the periodic service time that is offered by manufacturer.

Function

When the ignition switch is on, the Wrench Indicator which indicates periodic service comes on for 5 seconds.

The Kilometer Counter shows the total remained kilometer to next service (Approximately).

Example: It remains 4800 kilometer to next service.



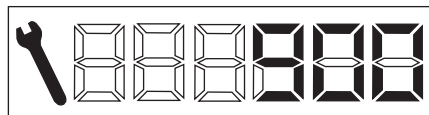
After the ignition switch is on, the following image is displayed for 5 seconds.



After 5 seconds, the indicator returns to its normal position and displays the total or daily distance traversed by the vehicle and wrench indicator will be turned off.

It remains less than 1000km to next service.

Example: It remains 900km to next service.



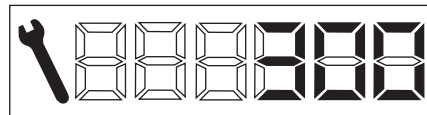
- After the ignition switch is on, the wrench indicator blinks for 5 seconds and then the kilometer counter indicator returns to the normal position, wrench indicator stays on.



Time of the vehicle service is terminated.

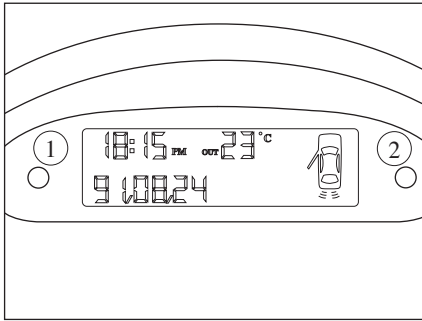
5 seconds after the ignition switch is on, the wrench indicator and the service termination kilometer blinks.

Example: The following display shows that time of service is terminated and the vehicle has traversed 300 Km more than what is allowed; and the vehicle should be serviced as soon as possible.



Then, the indicator returns to its normal position and shows the total or daily distance traversed by the vehicle and wrench indicator stays on.





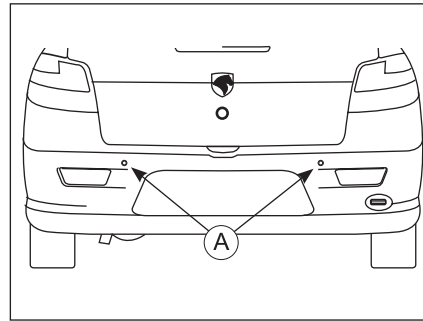
Display Panel

This page shows the following information:

- **Clock:** Since 12 midnight to 12 at noon points to AM and from 12 at noon to 12 midnight points to PM. The default is 1.00 AM.

- **Date:** The year could be set from 00 to 99, the month from 01 to 12. And the day could be set from 01 to approximately 31. The date default display is 01/01/91.

- **Outside Temperature:** If the temperature is between +3 till – 3°C, the sign blinks.



- **The doors position:** The door indicator on display panel is blinking while each door is open.

(Example: In up image, front left door is open).

Rear Alarm System

The system contains two intelligent sensors (A) which is installed on the vehicle bumper and is connected to the interior electronic network of the vehicle

Adjusting the Parameters

Press the button (1) for 3 seconds to enter adjusting menu.

The information that is blinking is changeable. In this case, by pressing on the button (1) each time, one of the following information could be adjusted: The clock – the minute – the year – the month – the day

By pressing the button (2), the mentioned information is changed. If press the button and hold it, statistics will increase swiftly and by reaching the last no returns to prime number again. If there is no operation on display panel for 8 seconds, the panel comes to normal position and the information is recorded in it.

CONTROLS

Rear Alarm System

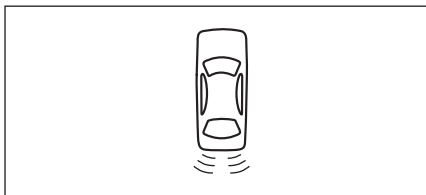
The system contains two intelligent sensors which is installed on the vehicle bumper and is connected to the interior electronic network of the vehicle

3

Visual /audible rear parking assistance operation

By this system, the driver will be aware of the vehicle rear obstacles in two ways: Visual(via instrument panel) and audible (via the horn sound).

When the ignition switch is on and the gear is in reverse position, the system is activated to inform the driver of the obstacle by half second alarm and lighting the rear segments on the display.

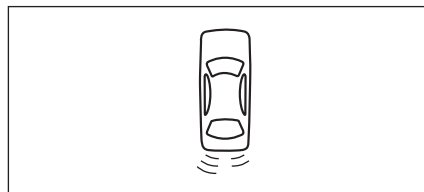


While there is no obstacle within 150 cm of the rear bumper, the display segments as per the above image is on but it's not heard any sound signal.

In case of obstacle within the nearer 150 cm of the rear bumper (left/right), the

segment is off and sound signal is heard. The nearer obstacle (within 50 cm) causes that the system sensitivity will increase swiftly the sound signal speed up and more segments get off.

For example, the following image shows an obstacle within 100 to 150 cm of the rear bumper (right side).



The display segments blink and prolong sound signal is heard within the obstacle less than 50 cm.

Error Alarm for the Sensor Cut off

Any of sensor cut off is differentiated by the rear alarm intelligent system and informs the driver by visual/audible message.

Right side Sensor cut off

Rapid single buzzer (3 times) and right side segments of display starts blinking.

Left side sensor or both sensors cut off

Two rapid buzzers (3 times) and both sides and left segments of display starts blinking.



Warning

This system is meant to help the driver to distinguish the objects within 150cm with speed of less than 5km/h (from behind the vehicle during running with reverse gear). It also has limitations regarding estimation of detectable distance and the obstructions, therefore, in cases of having undetectable obstruction, driver's precaution is necessary.

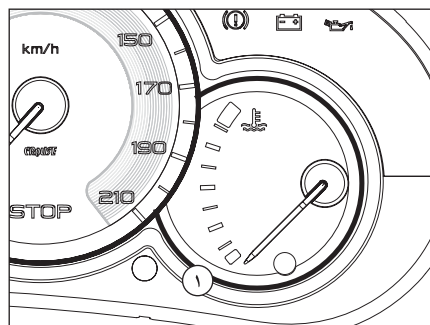
- This system uses the sound signals to help facilitation of parking and obtaining the distance to the obstruction, during movement with reverse gear.
- Therefore, existence of this system, should never cause sudden movement and careless driving back side. (Reverse gear).
- The driver should always take precautions about sudden cases that might happen during usage of reverse gear. Mobile obstructions (Kids, trolleys bicycles, pets,...) or short and very thin obstructions (Road blocks, tin guard rails,...)

Audio warning chimes

Prioritization of the audio warnings				
Type of the warning chime	Function	Priority	Warning chime	Igniting
Continuous warning chime	When the parking lamp and driver or front passenger's door is open	1	Warning chime lights	Vehicle off
3 seconds	When speed is more than 10 Km/h and one of the six doors of the vehicle is open	1	Warning chime door open	II & III
3 seconds	Speed more than 120Km/h	2	Warning chime high speed	
3 seconds	When low fuel warning light is on, the warning chime is also heard	3	Warning chime low fuel	
3 seconds	When engine high temperature light is displayed, the warning chime is also heard	4	Warning chime	
Together with Flasher	When flasher is activated, warning chime is also heard	5	high temperature of engine	0 & I & II & III
Together with indicator	When one of the indicator is activated, warning chime is heard.	6		I & II & III
Failure of traffic lights	When one of the traffic lights fail, and one of them are activated, the display traffic lights on the front of instrument panel with twice the frequency becomes active.	7		I & II & III
Coordinating with blinking of the central lock key	Voice alert related to activating of automatic locking of doors at, the speeds of above 10 km by central locking key.	8		I & II

CONTROLS

3



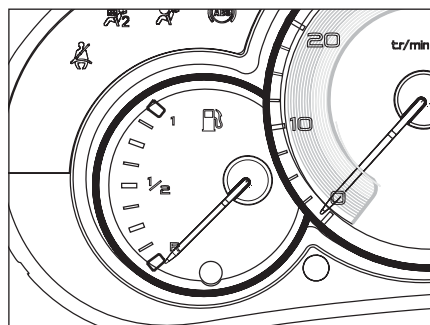
Speedometer

If you press button (1), the total distance and distance traversed per day are displayed. To set the kilometer counter to zero, push the button no. (1) when the kilometer counter is displayed until it shows zero.



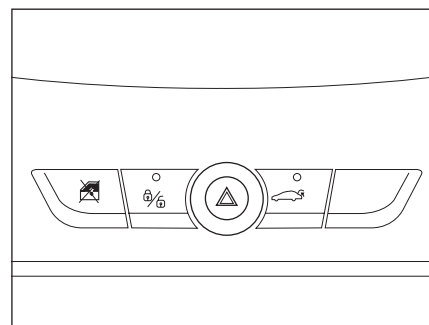
Warning

In case the vehicle speed is reduced at once (hard brake), flasher comes on automatically is activated for at least 5 seconds. This is for warning the severe reduction of the speed.



Adjusting the illumination intensity of the instrument cluster

Push the button (when the lights are on) to adjust illumination intensity of the instrument cluster. Release the button as soon as the minimum (or maximum) setting is obtained and then push the button to increase (or decrease) brightness. As soon as the lighting is of the required brightness, release the button.

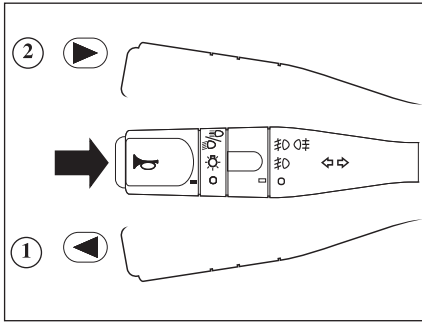


Flasher or Blinker light

Press the flasher button. All the direction indicators start blinking. Even, when the engine is off, the flasher stays on.

Automatic starting of the flashers

At the time of a sudden braking, flashers get on automatically; this will continue for about 5 seconds. Upon releasing the brake or deceleration, scintillator are off. again, the lights will get off automatically. By pressing on the button, the flashers turn off.



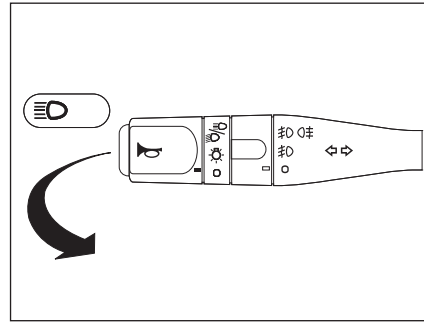
Right and left turn signals

Position 1, 2: push the lights lever down (position 1) when moving to the left. push the lights lever up (position 2) when moving to the right.

(Green turn signal light blinks on the instrument cluster as to the direction of the turning)

Horn

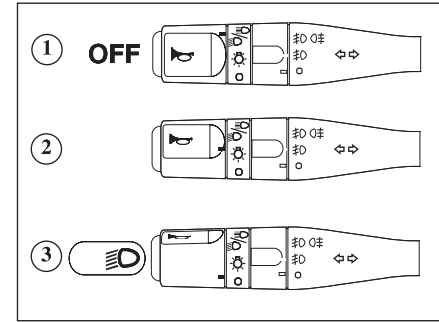
push the button on the end part of the light lever.



Main beam and low beam headlamp

Pull the lever toward steering wheel completely to change to main beam (in this position the main beam blue indicator comes on).

To sign with head lamp, pull the lever toward the steering wheel midway and release it.



Lights key

Position 1: all lights are OFF

Position 2: parking lamp, plaque and instrument cluster ON

Position 3: head lamp on

Warning chime:

It warns the driver that the head lamps are ON. It comes on when the driver or passenger door is open and engine is ignited OFF.



Warning

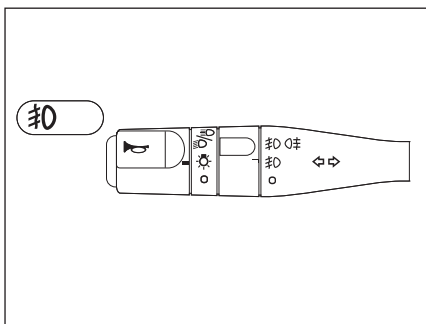
Before driving in night:

Ensure of proper function of electric equipments and adjust the lights(in case of overloading the vehicle).

In general, take care of the lights, not to be covered by dirt, mud, snow or any other objects.

INDICATOR LEVER

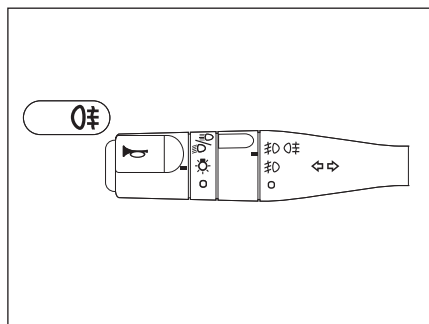
3



Front fog lamps

Turn the middle part of the light lever one stage upward to turn the front fog lamps. When the fog lamps are ON, a green indicator comes on the instrument cluster.

These lights come on when the small lights are ON.



Rear fog lamp

Turn the middle part of the light lever two stages upward. When the fog lamps is ON, a yellow indicator on the instrument cluster comes on.

This light comes on in following situations:

- Small Lights are ON.
- Side lamps and front fog lamp (if available) are ON.

Please use the fog lamp only when your visibility range is low, otherwise it cause nuisance to other road users in ordinary conditions.

Lighting system “ Leaving of Vehicle “

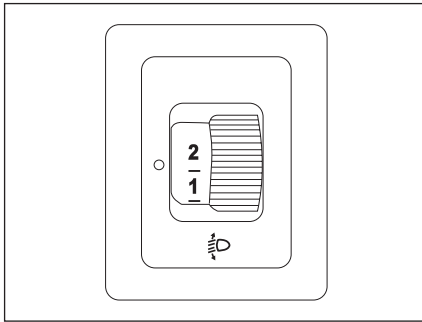
When you decide to leave your vehicle and the surrounding lighting is very less; you can keep the area alight for 30 seconds, by the above capability (i.e. Lighting system) by turning on the front head lamps and small lights. For this purpose do the followings:

- Keep the switch in stop position (or remove the key switch from its place).
- Turn off the lights
- Then pull the indicator lever once towards yourself.
- Get out of the vehicle and lock the vehicle.
- The front head lamps and small lights. will get on and again will get off automatically after 30 seconds.



Cuation

Using of front or rear fog lamps in normal or rainy weather and in day or night is prohibited. Because they 're too dazzling.
Use them only, when they are needed.



Head lamp height adjustment

The height of the headlamps should be adjusted in relation to the load in the vehicle.

It is recommended to adjust the head lamp in relation to the load in the vehicle.

0- 1 or 2 people in front seats

1- 5 people

2- 5 people + max. Authorized load.

The first adjustment is in zero position .



Caution

Switch position change (0, 1, 2 and vice versa) should be done with a short pause.



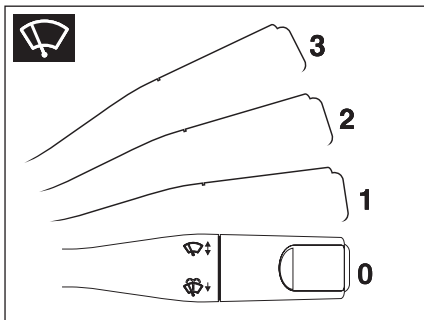
Warning

Before starting driving at night:

Ensure the correct function of the electrical equipment and adjust the vehicle lights (in case of load more than the normal). In general the lamps should not be covered (by dirty, mud, snow or any object).

WIPER AND SCREEN WASHER

3



Wiper

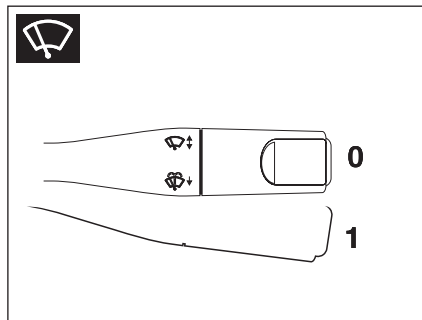
Wiper and screen washer control is by the lever on the right side of the steering wheel and only when the switch is ON.

0- OFF

1- Intermittent (The interval between two movements of wipers depends on speed of the vehicle)

2- Slow

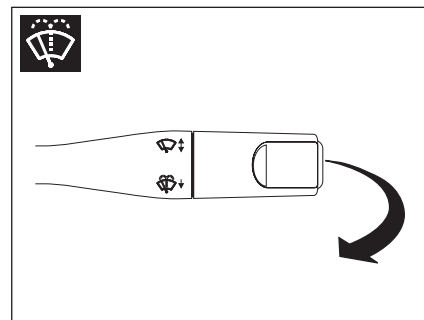
3- Fast



Single wiper

Push the lever downward and release it to have single wiper.

If you keep the lever down, the wiper functions continuously.



Windscreen washing

Soon after pulling the lever, spray of the water gets started ,then the wipers will start moving after 0.7 second . Spray of water continues as long as you have the lever pulled towards yourself. But soon after releasing the lever , wipers stop moving after 3 times of movements. Then the fourth movement of the wiper takes place after 3 seconds cessation to complete cleaning of the glass.



Warning

Ensure the wiper blades are not frosted (otherwise the wiper engine gets hot)

Check the blades and replace them when needed (approx. once a year)

Wash the windscreen regularly. If before stopping the windshield wiper (0 mode) to turn off the motor, wiper blades return to zero position.

If you switch the ignition OFF (position 0) before switching the wipers, the wiper blades stop at any position.

When you ignite ON, take the wiper at position 0, then the blades return to the initial position.

Ensure the wiper blades are in position 0 (stop), when you open the engine compartment (risk of injury)

Anti-Lock Brake System (ABS) and electronic brake force distribution system (EBD)


ABS will help you avoid skidding by electronically controlling braking pressure. It will also help you maintain steering control when braking on slippery surfaces or when braking hard.


During activation of the ABS system, such as routine brake, brake force increases with foot increasing pressure.

Note

When replacing tires or wheels, use only the size and type approved by the manufacturer company.

The ABS works automatically.

 If this warning lights comes on it means there is a problem in the ABS system which may cause lack of control when braking

 This indicator shows the fault in the Electronic brake force distribution which may cause lack of control when braking.

You must stop

Refer to the Iran Khodro authorized dealer for two above cases.

Accessory system during emergency braking

This system help to achieve proper brake force very fast in emergency situations and reduce stoppage distance. This system functions when the pedal resistance has decreased and effect of the braking has increased. Flashers or blinking hazard lights come on automatically depending on the acceleration. They may be stopped manually by driver.



Warning

- ABS braking system functions in ordinary situation by any move of the pedal. In emergency situations, press the pedal hard and do not take your foot out of the pedal.

- This system shall be as persuasion for sudden acceleration and very fast driving.

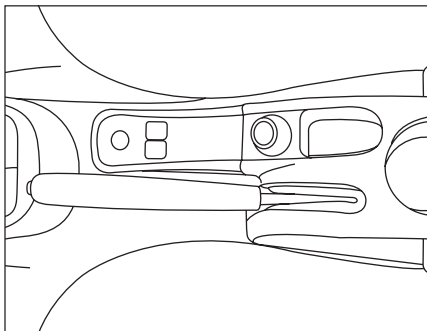
That could not be a replacement for caution and responsibility of the driver.

This system is an auxiliary system which controls the situation based on the conditions.

- In sliding surfaces, the dragged distance of the vehicle will be increased. Therefore after taking off the vehicle from the puddles or after washing of the vehicle, ensure the proper function of brakes, by using them frequently. Because all sets of disc and lining pads are wet, in this situation.

BRAKES

3



Handbrake

Pull the handbrake when you stop and park the vehicle.

Releasing handbrake

Take its handle and press the button on it, then press the handbrake downward.

(i) If this light comes on it means the handbrake is not released yet or is not released properly.



Warning

-When you stop your vehicle on a steep place, turn the wheels toward pavement and pull handbrake.

-When the ignition is off, brake booster does not function and you should press pedal more forcefully when braking.

-When the engine is OFF, the hydraulic steering wheel and brake do not function

-Avoid sudden acceleration and braking.

4 VEHICLE MAINTENANCE

GASOLINE TANK	70	BATTERY	76
ENGINE COMPARTMENT DOOR	71	FILTERS	76
ENGINE COMPARTMENT	71	BRAKING PAD	76
FLUID LEVEL	72	MANUAL GEARBOX	76
INSTALLATION OF THE RADIO	74	STOP FUELING TO ENGINE	76
PROTECTION OF THE VEHICLE BODY	75		

BONNET

Filling gasoline tank

Gasoline tank should be filled when **the vehicle is ignited OFF**.

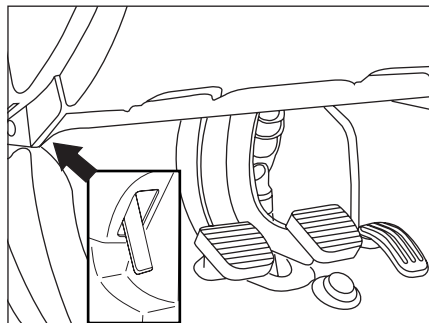
Put the key in the tank cap and turn it to the left and then remove the cap.

The specification of the gasoline has been mentioned on the tank cap.

When you fill the tank and the fuel pump's nozzle is stopped, cease the filling.

This is to ensure proper ventilation and the exchange of air or vapors with the outside environment for safe and non leakage operation.

Your vehicle's gasoline tank capacity is about 50 liters.

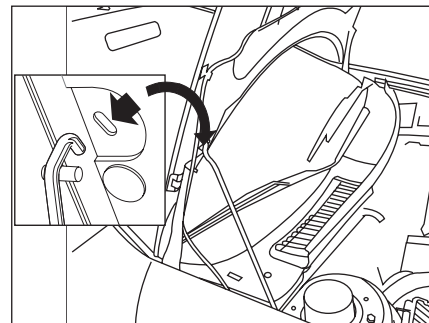


Opening the engine compartment door From interior of the vehicle:

Pull the handle which is below left side of the fascia.

From outside of the vehicle:

Press the opener lever with your fingers towards the front passenger seat and lift the engine door upwards.



Engine compartment strut

Keep the engine compartment door by using the strut. Place the strut back in its housing before closing the engine compartment door.

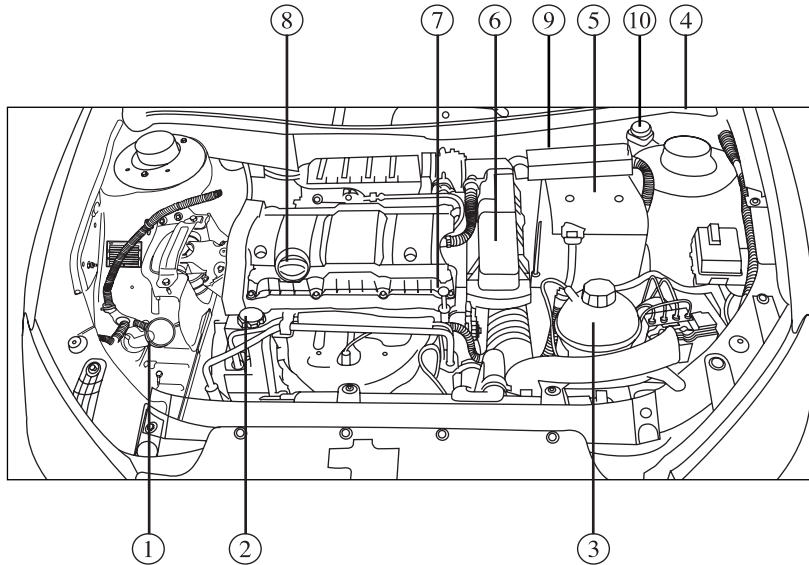
Closing engine compartment door

Lower the engine compartment and release it at the end of its travel. Check that the engine compartment is locked.

ENGINE COMPARTMENT

Gasoline engine 1.6 lit. 16V (105hp)

- 1- Windscreen wash reservoir
- 2- Hydraulic steering oil reservoir
- 3- Coolant reservoir.
- 4- Brake fluid reservoir
- 5- Battery
- 6- Air filter
- 7- Dipstick
- 8- Engine Oil Reservoir
- 9- ECU
- 10- Fuel reconnect button



Warning

When working on the engine compartment, observe the safety warnings.

ENGINE COMPARTMENT

Checking levels

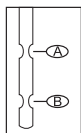
Oil level

Do the maintenance as per the instruction. Check the level regularly and top up between changes. (Oil consumption is 0.5 liter per 1000 kilometers). Check the level with the vehicle level, engine cold, using the dipstick.

4

Dipstick

There are two marks on the dipstick:



A = maximum

Never fill the oil, so that it passes the mark of A.

B = minimum

To maintain the reliability of engines and emission control systems, the use of additives in engine oil is prohibited.

Oil change

According to the information given in the servicing booklet.*

Note: Avoid long contact of the used oil with skin.

Viscosity selection

In all cases, the oil selected must meet the manufacturer's requirements.

Always use the oil which the manufacturer has recommended according to the DOT4 standards.*



Warning

-Brake fluid is very dangerous and corrosive. Avoid its contact with skin.

-When adding oil, be careful the oil does not splash on other parts of the engine; otherwise there is the risk of the firing.

-Do not forget closing the cap, otherwise there is the risk of firing due to splashing of oil on the hot surfaces of the engine.

-Oil level indicator shows only the reduction of the oil level less than necessary level, but not more than max. Amount which is only possible by reading the dipstick.

* It's recommended to use the approved brands and packages, offered by the Isaco.

Coolant level of cooling system*

Use the fluid recommended by the manufacturer. When the engine is warm, the temperature of the coolant is controlled by the engine fan. As this fan can operate with the ignition key removed and because the cooling system is pressurized, wait at least one hour after the engine has stopped before carrying out any work.

Note: Applicable antifreeze used in the vehicle must be Ethylene Glycol.

**Warning**

Slacken the cap by two turns to release the pressure to prevent any risk of scalding. When the pressure has dropped, remove the cap and top it up.

Note: the coolant does not need to be changed.

**Warning**

Avoid opening the coolant cap after one hour the engine has been stopped.

Used products

Do not dispose used oil, brake fluid or coolant into drains or onto the ground.

Hydraulic steering fluid reservoir

Open the reservoir, with the engine at ambient temperature. The level should always be above the minimum mark and close to the maximum mark.

**Warning**

Hydraulic steering oil is very poisonous and should be kept in the closed container out of reach of children. If swallowed refer to the physician immediately.

**Caution**

Hydraulic oil destroys the painted surfaces. First clean the oil by a cloth and then wash if with the water and special shampoo.

Windscreen wash level*

For best quality cleaning and safety of yourself, use the products recommended by the manufacturer.

Note: Applicable washing solution of glasses must be Iseo Propanol.

**Caution**

Do not use the mixture of the water and antifreeze in the washing reservoir. This damages the vehicle paint.

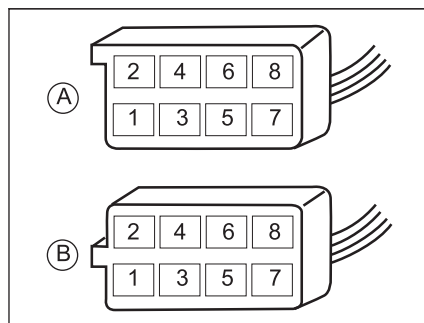
* It's recommended to use the approved brands and packages, offered by the Isaco.

ENGINE COMPARTMENT

Installation of the radio

Followings are installed on your vehicle in the factory:

Roof antenna
Coaxial cable of antenna
Noise eliminator
Front speaker feed
Rear speaker feed
Two 8 pins contactors



Installation of the speakers

You can install following speakers:

- 165 mm dia. Speakers on the front doors.
- 130 mm dia. Speakers on the rear doors.
- 22/5 mm dia. Speakers in the mirror frames.

Connections (contactors- connectors)

A1:
A2:
A3:
A4: (+) after connection
A5:
A6: (+) after connection – side lamps
A7: (+) permanent
A8: Mass Earth
B1: (+) rear right speaker
B2: (-) rear right speaker
B3: (+) front right speaker
B4: (-) front right speaker
B5: (+) front left speaker
B6: (-) front left speaker
B7: (+) rear left speaker
B8: (-) rear left speaker



Warning

Consult with one of the Iran Khodro authorized deal before installing any audio system and its speakers on your vehicle.

1- connection means, position 1 in the switch.

2- In order to adding of rear speakers by vehicle owner in authorized dealer of IKCO.

Protection of the vehicle body

To care and protect the paint and plastic decoration of the vehicle, it is recommended to wash them regularly.

-There is no specific issue for manual washing

- Macroscopic particles during automatic car washers may cause damage to paints, especially dark paints.

- When washing with high pressure take care more (such as pressure and distance of the spraying)

- If the vehicle body is damaged (on the painted dampers or head lamp) do not use above method. Clean those areas manually. Prevent water from entering the locks.

- Avoid putting and drying the mat on the vehicle body. If doing this continual and in a long-term, it causes the vehicle body paint is changed

- Consult with authorized dealers about servicing and maintenance of the vehicle.

Polishing

Regular waxing and washing vehicle with water will protect the paint against.

Consult with authorized dealer about maintenance and quality of the parts.

Plastic parts

First clean these parts by a diluted detergent. Then rub with a wet cloth. Do not varnish the fascia. It should be unvarnished to prevent its reflection in the wind screen.

Instrument panel, clock, audio system, display

Use dry cloth. Do not use detergents, spray and/or solvents.

mat

Use diluted detergent and let them dry in shadow to prevent their discoloration.



Warning

Be careful the water does not penetrate the seat belt spool. Do not use oil, washing detergent, furniture varnishes and polish.



Caution

-Clean bird's droppings, resin rains spot, fat, grease and tar spots (all of them include substances which cause unrecoverable damage to the vehicle paint).

-Do not use dry and abrasive and/or detergent for cleaning lenses and headlamp glasses and all glasses which have poly chromate cover.

-Do not use gasoline, oil or cloth soaked in them for cleaning the body and plastic parts of the vehicle.

-Repair any damages to the paint (due to impact of stone, scratch, etc.) as soon as possible.

-Detach blue strips on the frame of the side mirror, windows, vehicle bumper, etc. they cause problem in long time.

VEHICLE MAINTENANCE

Battery

At the start of winter, have your battery checked by an Iran Khodro authorized dealer.

Air filter and passenger compartment filter

Have the filter elements replaced regularly. If you drive in dusty conditions, change them also between two scheduled maintenances.

Brake pads

Brake pad wear depends on the style of driving, in particular for vehicles which are used in town, over short distances. It may be necessary to check the thickness of the pads, even between scheduled maintenance.

Parking brake

Where the handbrake travel is too great or there is a reduction in the performance of the system, the handbrake should be adjusted, even between scheduled maintenances. Have the system checked by and Iran Khodro Authorized dealer.

Oil filter

Change the filter regularly, in accordance with the servicing schedule.

Manual gearbox

Gear box oil level should be checked every 60000 km and top it up, if necessary. Oil level should be checked in accordance with the manufacturer's servicing schedule.

To do scheduled maintenance in regard to the fluids necessary for vehicle and other factors, refer to the vehicle maintenance manual.



Caution

For optimum performance of the main systems of the vehicle such as steering wheel and braking system, Iran Khodro has approved some specific products (oils) and recommend them to you.*

To avoid any damage to your vehicle electrical equipment, avoid washing the engine.

Stoppage of fuel to the engine

In case of the hard impact, a certain system stops supply of fuel to the engine. In order to re-start supply of fuel to engine, press the button on the Inertia switch, at the left front side under the engine cover.



Caution

Use only products recommended by Iran Khodro and/or products with the same quality and specifications.*

* It's recommended to use the approved brands and packages, offered by the Isaco.

Battery

Use a Battery Charger to charge the battery.

- Disconnect the battery,
- Follow the instructions for use given by the battery charger manufacturer,
- Reconnect starting with the negative (-) terminal,
- Check that the terminals and connectors are clean. If they are covered with sulphated (white or greenish deposit), disconnect them and clean them.

To start the vehicle from another battery:

- Connect the red cable to the positive (+) terminals of the two batteries,
- Connect one end of the green or black cable to the negative (-) terminal of the slave battery,
- Connect the other end of the green or black cable to an earth point on the broken down vehicle as far as possible from the battery,
- Operate the starter, let the engine run.
- Wait for the engine to return to idle, then disconnect the cables.

When the vehicle is switched off and ignition switch is in position zero, front windows controls are usable only for 30 seconds and then they become inactive.

**Warning**

Battery acid is corrosive and poisonous. If it leaks, be careful:

- If acid comes in contact with skin or clothes, take out the dress and wash the skin with plenty of the water and refer to the physician.
- If acid comes in contact with the eye, wash the eyes at least for 15 minutes with clean water and refer to the physician immediately.
- If battery acid is swallowed, it could be fatal if the medical procedures is not done.
- Battery which is being charged emits Hydrogen gas which is explosive, take the fire and spark away from engine compartment. When working on engine compartment, put your cuff and such on away. Never let the battery poles come in contact with the tool or metal parts of the vehicle.
- Do not charge a battery which may be frosted.
- Take fire or spark out when charging the battery (charged battery or battery which is being charged emit flammable Hydrogen gas).
- Wait one hour after charging the battery and before connecting it to the vehicle.



Caution

- If the vehicle is not to be used for more than 6 days, it must be switched on at least once and stay on for one hour.
- It is advisable to disconnect the battery if the vehicle is not to be used for a period of more than one month.
- Never charge a battery without first disconnecting the terminals, otherwise the vehicle electric system may be damaged.
- It is recommended to check the battery's acid level, if possible to open the battery's cap. In case its level is less than max. mark, top it up.
- All consuming electrical devices must be off before disconnecting the battery.
- Wait for 2 minutes after switching off the ignition before disconnecting the battery.
- Never disconnect a terminal when the engine is running.
- Never charge the battery before disconnecting.
- Close the windows and the sunroof before disconnecting the battery.
- After every reconnection of the battery, switch on the ignition and wait 1 minute before starting to allow the electronic systems to be initialized. If slight difficulties are experienced after this, please consult an Iran Khodro dealer.

5 TECHNICAL EMERGENCIES

CHANGING WHEELS	80
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REPLACING LAMPS	89
TOWING VEHICLE	93

CHANGING OF WHEELS



Warning

-Jack shall be used only for changing the wheels. It should not be used for any other works such as repairing and access to underneath the vehicle.

-If long time has passed from life of the spare wheel, take it to the one of the authorized dealer to inspect is whether it is safe for use.

- If one of the tires is punctured, replace it as soon as possible.

An expert shall check (and repair, if necessary) punctured tire.

-For your safety, always change a wheel:

- on level, stable and non-slippery ground,
- with the handbrake applied, ignition off,
- with first or reverse gear engaged
- never go underneath a vehicle raised using a jack (use an axle stand).



Caution

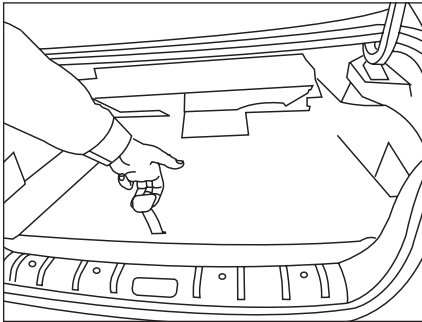
Tire under inflation cause premature wear and abnormal warming of the tires. It has also many safety consequences:

-poor performance on road

-risk of tire blow out and/or tread wear
-tires pressure depends to the weight and speed of the vehicle. Adjust the pressure in accordance with the using conditions.

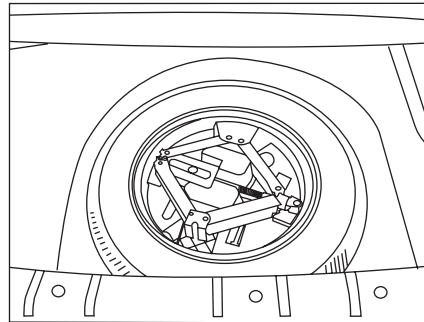
-If the governor valve is not closed properly, the tire pressure will be reduced. Use always a governor valve similar to the original one

CHANGING OF WHEELS



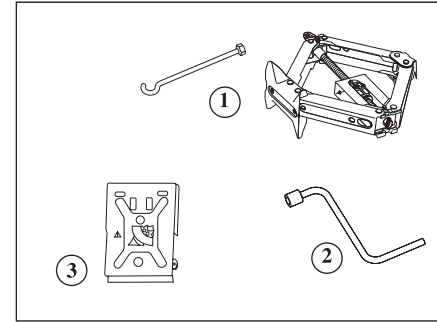
Parking vehicle

Park the vehicle on a level, stable and non-slippery ground.
Apply handbrake and engage first or reverse gear.
(use a chock, if necessary) and turn flasher on.



Access to the spare wheel and the jack

- Lift the mat floor using the grab handle.
Secure the handle behind the luggage compartment rim to have the mat fixed.



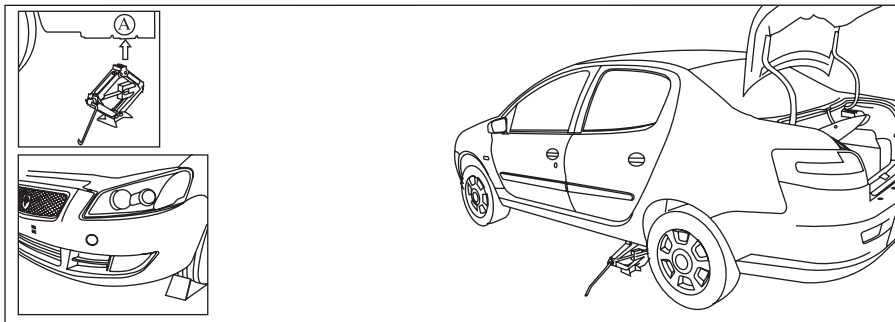
Tools available for you

Following tools have been placed in a plastic box, located in the spare wheel:
1- jack and jack handle
2- Wheel brace and wheel nut spanner
3- chock.

Note

Standard tire for your vehicle is only
185/65/R14

CHANGING OF WHEELS



5

Removal of wheel

- Put the chock 3 under the wheel is biased to the wheel to be replaced.
- Remove Hub Cap by pulling the handle jack 1 in the empty space around the valve.
- Slacken the wheel bolts.
- Place the jack 1 under one of the four locating points on the sub-frame (A), that is closest to the wheel to be changed. Ensure that the entire surface of the jack 1 base plate is in contact with the ground.
- ensure the jack floor axel to be vertical in regard to the point A
- raise the vehicle
- completely unscrew the bolts and remove the wheel.

Fitting a wheel

Position the wheel.

Partly tighten the bolts using wheel brace 2. Fold the jack 1 and remove it. Fully tighten the bolts using the wheel brace 2.

re'det the wheel trim starting by placing its notch facing the valve and press with the palm of the hand.

Note: Each tool has a specific place in the jack box. Tighten the spare wheel securing strap to prevent noise and for your safety in the event of impact.

Fitting snow tires

If you 'det snow tires mounted on steel wheels onto your vehicle, it is essential to use special bolts available from your Iran Khodro dealer.



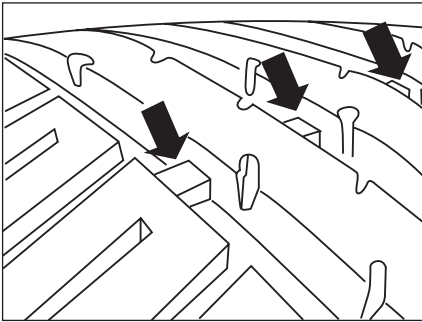
Warning

For your safety, always change a wheel:

- on level, stable and non-slippery ground,
- Apply handbrake
- with first or reverse gear engaged
- You should use a chock diagonally at the back of one of the rear tires.
- never go underneath a vehicle raised using a jack (use an axle stand).

After changing the wheel

- refer to one of Iran Khodro authorized dealer to adjust bolts tightness and pressure of the spare tire as soon as possible.
- Repair the punctured tire and put it in its place.

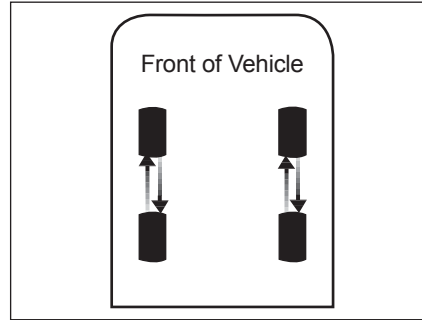


Tread wear indicator

the tires have molded-in tread wear indicators in the grooves. When the indicators appear on the tread surface, the remaining depth of the tread is 1.6 mm or less and the tire should be replaced.

Tires pressure

Check tire pressure at least once a week. Under inflation of the tires cause heat and life of the tire is decreased. Over inflation has negative effect of the convenience driving.



Vehicle's tire rotation

In front-wheel drive vehicles, front tires are worn more than rear tires due to the brake, drift and steering forces. To avoid uneven wear of your tires and to prolong their life, rotate the tires as illustrated. Tires should be rotated every 10000 km.

Tire Size

Size of your vehicle's tires are marked on its pillar as follows:

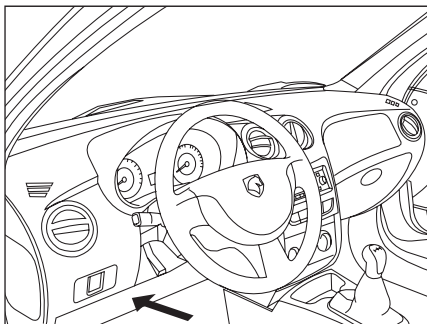
185.65 R14, in which 185 is the tire width in mm, 65 is the ratio of the height to the width of the tire, R is indicator of the Radial structure and 14 is the diameter of the wheel in inch.



Warning

- Damaged tires are very dangerous. Avoid driving with damaged, worn, flat or over-inflated tires.
- Use always similar radial tires for front and rear wheels. Do not use the tires with crisscross pattern.
- Your vehicle wheels are not made for tubes. Use only tubeless tires.
- Do not drive with worn and flat tires or tires without adjusted pressure.
- Underinflated tires are worn rapidly and cause increase of the fuel consumption and decrease of the directional control.

FUSES



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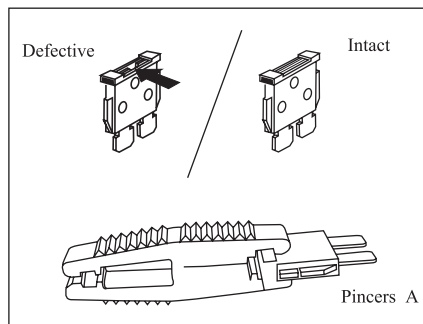
Changing fuses

A fuse box is under driver side of the dashboard, other one is placed in the engine compartment.

Fuse box under dashboard

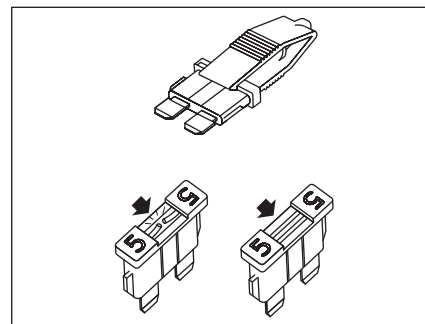
Remove the cover of fuse box to gain access to the fuses.

The spare fuses and the pliers A are located on a removable holder, secured horizontally inside the dashboard fuse box.

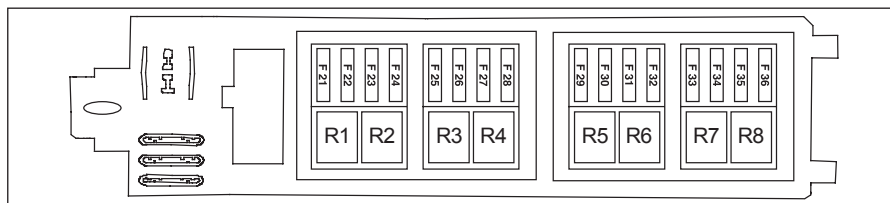


Removing and fitting a fuse

Before changing a fuse, the cause of the fault must be found and remedied. The fuse numbers are indicated on the fuse box. Use the pliers A.



Always replace a faulty fuse with a fuse of the same rating (for example replace a 5 ampere damaged fuse with a sound 5 ampere fuse).



Fuses guide table (cabin)

Fuse No.	Rating	Fuse Function
F21	-	Spare
F22	10A	Main switch supply (position 2) air bag unit and central node.
F23	20A	Main switch supply (position 1) lighter
F24	10A	Main switch supply - position 1 (motivation of heater relay · Radio, brake light, front node, central node and instrument panel).
F25	10A	Radio permanent supply
F26	20A	Central node supply
F27	20A	Central node supply
F28	30A	Central node supply and main supply and motivation of rear door motive relay.
F29	30A	Rear window control supply
F30	30A	Central node supply (Front lifting window)
F31	30A	Rear window heater.
F32	30A	Heater fan supply.
F33	30A	Engine ignition.
F34	10A	Main switch supply (position 2) immobilizer, diagnostic connector, instrument panel, cooler gas pressure sensor, engine unit.
F35	5A	Main switch supply (position 2), Anti-brake system (ABS).
F36	10A	Immobilizer permanent supply, diagnostic connector, instrument panel, motivation of window heater · windscreen washer pump, Multipurpose Instrument Panel

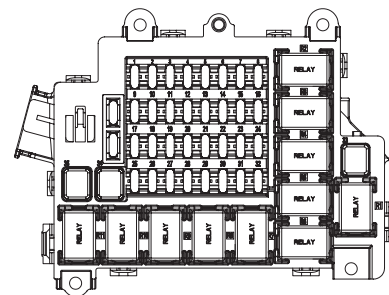
Setting of relays (Inside cabin)

Relay No.	Relay Function	Rating - type
R1	Front windscreen washer Pump	30A- 1Contact
R2	Trunk lid unlocking	30A- 1 Contact
R3	Mirrors and rear window heater	30A- 1Contact
R4	Heater Fan	40A- 1Contact
R5	Rear Window Control	30A- 1Contact
R6		
R7		
R8		

FUSES

Fuse No.	Rating	Fuse Function
F1	-	Reserve
F2	5A	Heating fan relay
F3	5A	Power supply of front node FCM, cooler, Instrument panel
F4	10A	Power supply of rear wiper motor and trunk lock
F5	5A	Power supply of background light
F6	5A	Power supply of anti-lock braking system ABS
F7	10A	Power supply of airbag unit
F8	5A	Power supply of Instrument panel , immobilizer, DIAG, ECU
F9	5A	Power supply of wiper washer pumps
F10	5A	Power supply of central node of BCM, Front windows regulator display , reverse gear sensor.
F11	10A	Power supply of reverse gear
F12	5A	Power supply of Brake Light Switch
F13	10A	A three-position switch power supply of Cooler
F14	5A	Power supply of ceiling lights, trunk
F15	20A	Power supply of Lighter
F16	10A	Power supply of Radio Player
F17	-	Reserve
F18	-	Reserve
F19	-	Reserve
F20	-	Reserve
F21	-	Reserve
F22	10A	Power supply of Front Window Regulators
F23	5A	Power supply of mirrors heater.
F24	30A	Power supply of rear glass heater

F25	30A	Power supply of central lock.
F26	20A	Power supply of central node BCM
F27	5A	Power supply of relays, monitors Cooler
F28	20A	Power supply of central node BCM
F29	5A	Power supply of Immobilizer
F30	10A	Power supply of radio memory
F31	-	Reserve
F32	-	Reserve
F33	40A	Power supply of Heater Fan
F34	40A	Power supply of front windows regulator, mirror
F35	40A	Power supply of rear window Regulators
F36	5A	Reserve
F37	10A	Reserve



Relay Number	Operation Relay	Flow - Type
R1	Fan Relay	35A- 1 Contact
R2	Instrument panel relay, cooler and front node FCM	20A- 1 Contact
R3	Voltage relay ECO	35A- 1 Contact
R4	Rear of rear glass heater and side mirrors	20A- 1 Contact
R5	Front wiper washer pump relay	20A- 2 Contact
R6		
R7		
R8	Rear window regulator Relay	35A- 1 Contact
R9	Trunk opener and rear wiper relay	20A- 2 Contact
R10	Central opener relay	20A- 2 Contact
R11	Central door locking relay	20A- 2 Contact

If your vehicle is equipped *

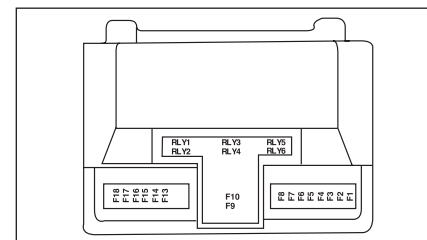
Engine Compartment Fuse box

Fuse box is in the right part of the engine compartment. To access the fuse located in the engine compartment, unclip the fuse box cover. Close the fuse box cover carefully when you have finished.

Vehicle owner shall not tamper fuse connection. Any problem in this part should be checked by authorized experts.

Engine Compartment Fuse box by Sazeh Pooyesh System

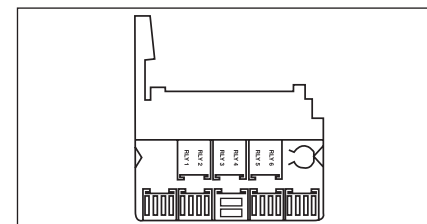
Fuse No.	Rating	Fuse Function
1	40A	Power supply for ignition switch
2	20A	Power supply of front node internal systems
3	20A	Connector power supply of front node internal systems
4	20A	Connector power supply of front node internal systems
5	10A	Relay switch for small lights
6		Spare
7	40A	Brake (ABS)
8	30A	Brake (ABS)
9	40A-MAXI	Connector power supply of BCM internal system
10	70A-MAXI	Connector power supply of BCM internal systems
11	20A	Relay switch for horn
12	30A	Starter supply
13		Spare
14	30A	Relay switch for front windshield wiper
15	10A	Sensor oxygen power
16	40A	Double relay supply
17	10A	Fuel pump supply and Engine unit
18	10A	Engine unit supply



Relay Guide Table

Relay No.	Relay Function	Rating - type
RLY1	Relay switch for engine control	30A-1Contact
RLY2	Relay switch for fuel pump	30A-1Contact
RLY3	Relay switch for small light	30A-1Contact
RLY4	Relay switch for horn	30A-1Contact
RLY5	Relay switch for front windshield wiper	30A-2Contact
RLY6	Relay switch for front windshield wiper	30A-2Contact

5

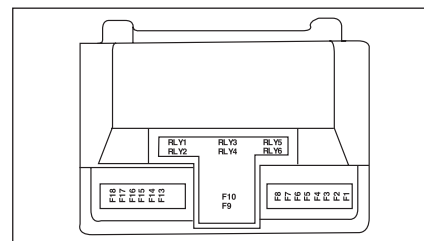


FUSES

Engine Compartment Fuse box

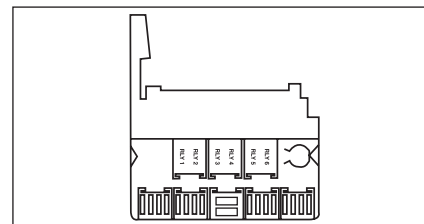
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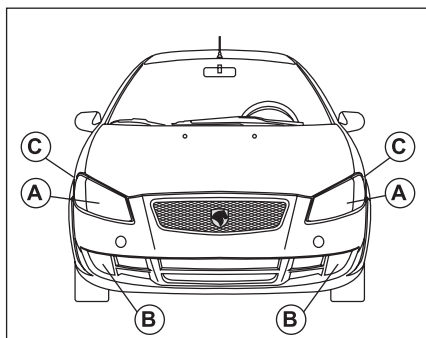


Relay Guide Table

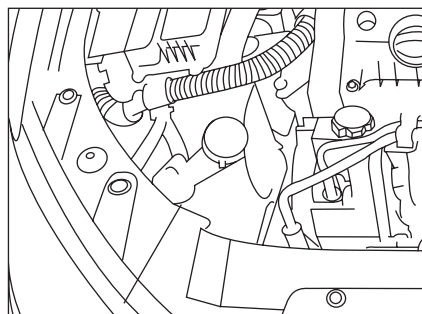
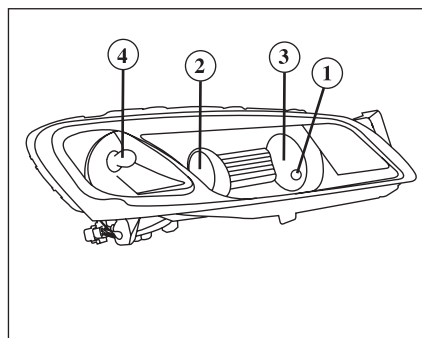
Relay No.	Relay Function	Rating - type
RLY1	Relay switch for engine control	30A-1Contact
RLY2	Relay switch for fuel pump	30A-1Contact
RLY3	Relay switch for fog lamp	30A-1Contact
RLY4	Relay switch for horn	30A-1Contact
RLY5	Relay switch for front windshield wiper	30A-2Contact
RLY6	Relay switch for front windshield wiper	30A-2Contact



* Connector power supply of BCM internal systems is placed in fuse F10 or F11.



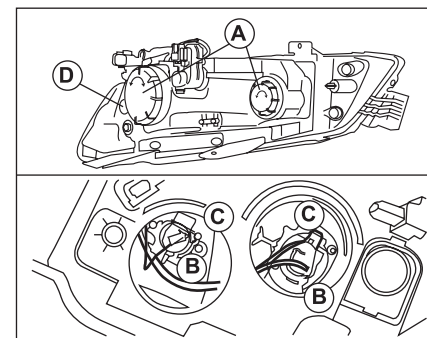
- A- Head lamps (right and left)
- B- Front fog lamps (right and left)
- C- Direction indicators on the fender(right and left)



Changing bulbs

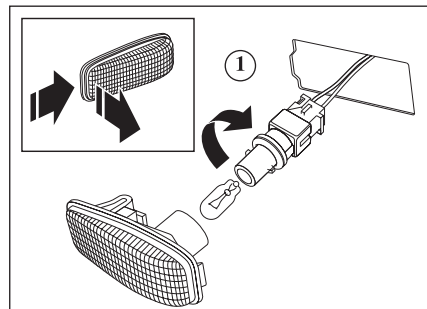
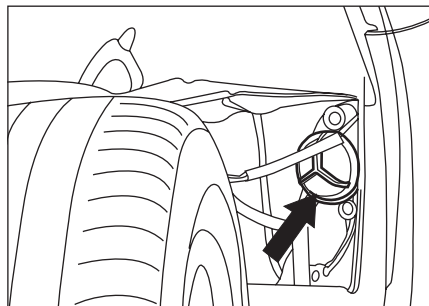
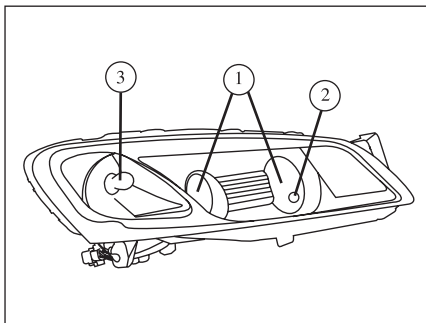
To change the right bulb, first disconnect the windscreen washer reservoir pipe. Then turn the cover (A) at back of the lamp in order to have "A" cover detached.

1-Small lamps Parking W5W

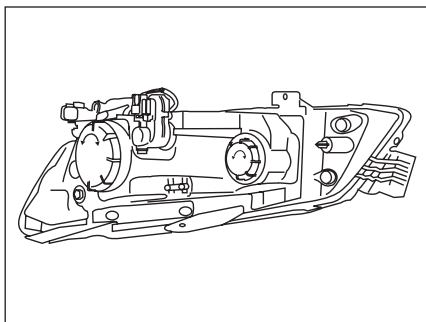


- Turn the lamp holder (D) a quarter counterclockwise and take the bulb out.
- Replace the bulb
- Install the lamp holder correctly.
- 2- Anti-dazzle lamps H7 55w**
- 3- Main beam lamps H1 55w**
- Detach the B contact connector(s)
- Press both sides of the C connection clip(s) to be released and replace the bulb.
- When fitting the new bulb, ensure that the direction notches are positioned correctly and the securing clips are fixed properly.
- Reconnect the connector.
- Refit the lamp protective cover (A) and then windscreen washer reservoir pipe.

CHANGING LAMPS



5



1-Direction indicators PY21W

- Turn the lamp holder a quarter turn. Take the bulb out.
- Replace the bulb.
- Install the lamp holder in its place.

B-Front fog lamps H1 55W

Turn the cover and take it.
Disconnect the lamp connection.
Press both end of clip to release the lamp, replace the defective lamp. Then refit the lamp holder, refit the cover.

C-Direction indicator at fender side WY5W (flasher)

Push the lamp set toward front and take it out. Take the bulb body carefully and turn the lamp base. Take the lamp out of the base and replace it. Put the base on its place and turn to be fitted. Place the lamp set on its place.



Take the lamp by a dry cloth. The front lamps are covered with poly carbonate glass and protective cover.

Do not clean them with a dry or abrasive cloth, nor with a detergent or solvent product. Use sponge and soap.

Use only H1 lamps under following brands:

-TUNGSRAM

- PHILIPS

-OSRAM

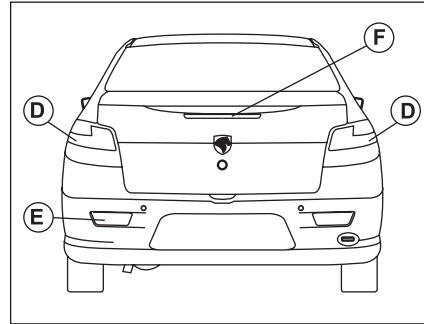
-NORMA

The head lamps are denoted for preventing damages through ultraviolet ray which is necessary for proper function in co-ordination with head lamps.

The head lamps are installed by poly carbon glass and protective cover. Do not clean them with a dry or abrasive, nor with a detergent or solvent product.

Use soft and damped cloth To change the left front lamp, first take the windscreen wash reservoir.

Vapor formation on the lamps location, when the lamps are on, cause non-reflection of the light.

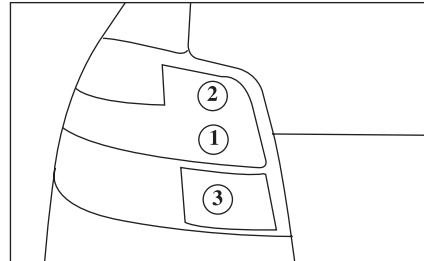


Rear lamps set

D:rear lamps (right and left)

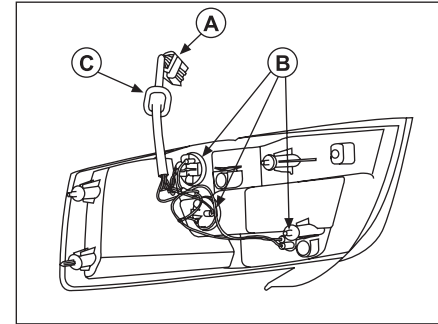
E:rear fog lamps (only left)

F:high mounted brake light



Rear lamps

1-Direction indicators P21W (right and left)



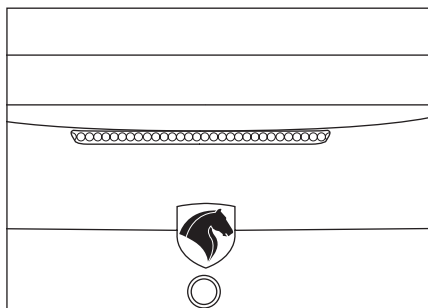
2-Rear gear lights P16W (right and left)

3-Braking light/rear position side lamp (parking lamp) P21/5W (right and left)

Replacing bulb

- Take luggage compartment carpet out
- Open all three nuts
- Detach connector A from lamps set
- Take lamps set out
- Turn the lamps holder (B) toward direction
- Replace the defective bulb
- Then, first attach the connector A to the lamps set and install the dirt guard ©'a9 carefully, ensure that the direction notches are positioned correctly. Finally, install the lamps set with three nuts on their place.

CHANGING LAMPS



5

High mounted brake light (middle)

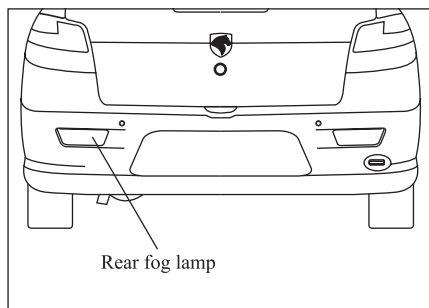
This light is formed of the some light emitting diodes (LED).

In case of any problem refer to one of the Iran Khodro authorized dealer.



Warning

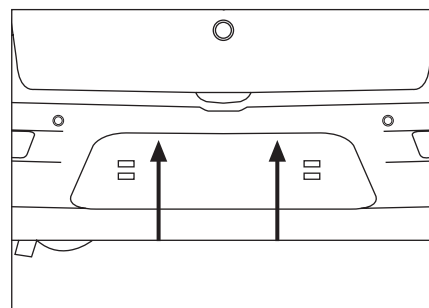
- Check the function of all exterior lights before starting to drive.
- Switch off the lamp key to avoid short circuit when replacing any lamps.
- If you do not install dirt guard, the water will penetrate to the luggage compartment.



Rear fog lamp P21W (left)

First reach the back of the lamp under bumper and turn the lamp holder and take it. Then replace the lamp. Fit the lamp holder correctly in its place.

Only left lamp is applicable. Right lamp is only for decoration.



Number plate light W5W (left and right)

Detach the plastic cover of the lamps

Replace the faulty bulb.

Then fit the plastic cover correctly.



Warning

The bulbs are in vacuum condition and may be broken when replacing and cause injury.

Towing vehicle**Lifting****(2 wheels only on the ground)**

It is preferable to raise the vehicle with a professional lifting device.

Without lifting (4 wheels on the ground)

You must always use a tow bar.

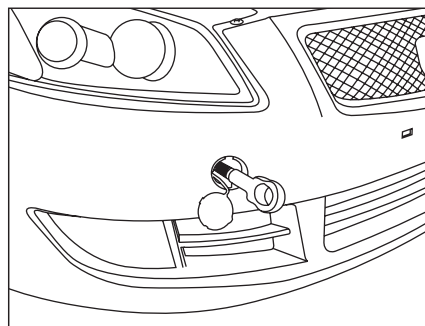
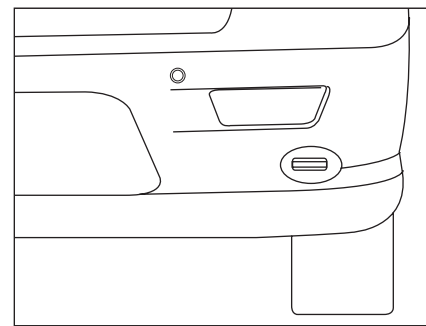
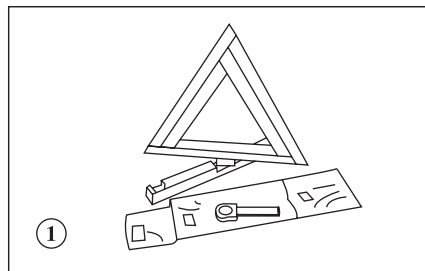
Front towing hook

This hook is screw type. Unclip the cover and screw the towing hook on the nut installed on the vehicle body. Then tow your vehicle by a tow bar.

Front towing hook is insider of peril triangle bag.(1)

Rear towing hook

This hook is of fixed type.

**Front towing hook****Rear towing hook****Peril Triangle**

The peril triangle must be kept at the edge of the road with the distance of 50 to 100m from the vehicle ;when the vehicle is out of order or when you're replacing the tires. Increase the distance ,if there is any obstacle in the sight of drivers.

**Warning**

Never use the radiator front grille for towing

**Warning**

- Towing vehicle should always be heavier than the towed vehicle.
- No passenger should be in the vehicle being towed.
- When towing with four wheels on the ground, do not take the key out of the switch or make it OFF. It is recommended to have the key at position 2
- Use a fixed and strong bar for towing. In case of using cable or rope for towing (if allowed by regulations), the towed vehicle should be able to brake (there is the risk of ignition On).
- Vehicle, which has not ability to move or drive, should not be towed. It should be carried by a special transportation vehicle.

6 TECHNICAL INFORMATION

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RUNNA IDENTIFICATION FACTORS

Runna identification factors

A- The identification Plaque (under the front passenger seat and under the rear seat mats).

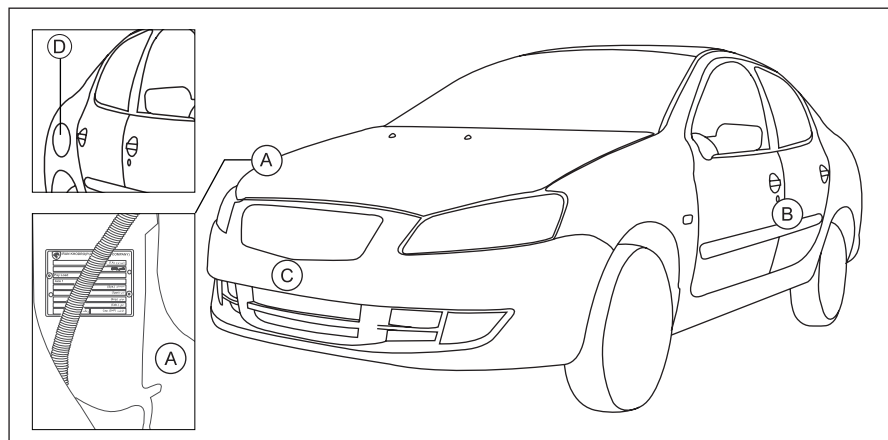
B- Tire pressure's plate

The plate B on the pillar near to the door hinges on the driver's side indicates:

- The wheel and tire size
- The brand of tires approved by the manufacturer.
- The tires pressure

C- Place of the plate number

D- The plate of fuel type (To be installed on inside of the fuel cap cover)



6



Caution

The tires must be checked at least once a month, when it is cold.

IRAN KHODRO(PUBLIC STOCK COMPANY)	
Type Approval	
Chassis	
Pay Load	GVW
Axle 1	Axle 2
System	Year
Type	
Engine	
Cab	
Cap(D + P)	Color

A- The identification Plaque

PRESSURE TO BE CONTROLLED COLD TIRES	
2.3 Bar	2.3
2.3 Bar	3.0
185/65 R14 86H	
Spare Wheel Pressure 2.5 Bar	

C- Tire pressure's plate



The plate of fuel type

ENGINE TECHNICAL DATA

Gasoline	
Engine (TU5)*	1.6 lit – 16 V
Engine capacity (cm ³)	1587
Diameter X piston displacement (mm)	82 x 78.5
Max. power as per EEC standard (KW)	(105 hp) 77
Max. power engine rotating speed (Tr/min)	5800
Max. torque per EEC standard (Nm)	142
Max. torque at engine rotating speed (tr/min)	4000
Fuel	Without lead
Weight co2 released (gr / km)	159
Catalyst	Yes
Gearboxes	Manual 5 gears
Oil capacity (lit.)	3.2 ⁽²⁾ – 3.4 ⁽¹⁾
Engine (with replaceable cartridge)	2
Gearbox – differential	

Fuel consumption depends on driving condition, weather condition, vehicle load and maintenance, side equipment and how to drive.

(1) discharge by gravity

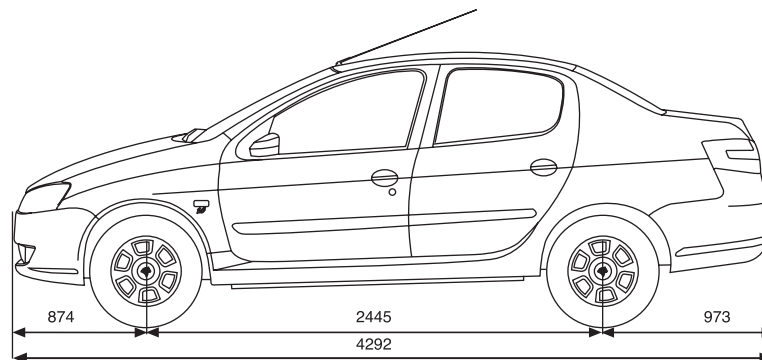
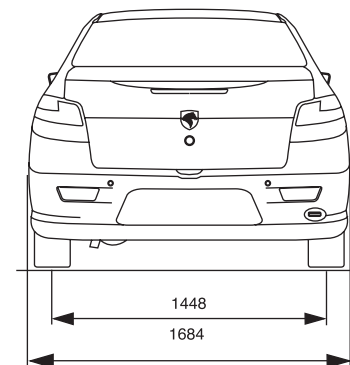
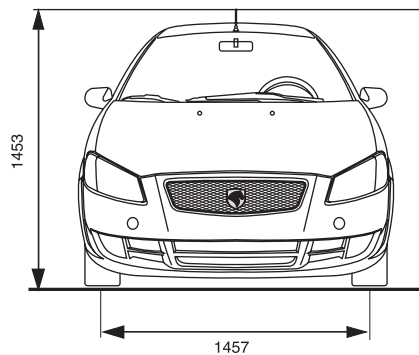
(2) discharge by suction

WEIGHT OF THE VEHICLE

Weight(kg)

Engine	1.6 lit. 16 v
Gearbox	Manual 5 gears
Net weight on front axle (kg)	678
Net weight on rear axle (kg)	431
Vehicle net weight (kg)	1109
Max. permitted load on front axle (kg)	855
Max. permitted load on rear axle (kg)	780
Max. vehicle weight with passengers and load (kg)	1567
Number of the passengers	5

DIMENSION OF THE VEHICLE



6

7 ALPHABETICAL INDEX

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Roads await you ...



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