
Thank you for choosing SAIC MAXUS Automotive Co.,Ltd. May our products and services bring fresh joy to your life!

Please take time to become familiar with your vehicle by carefully reading this Handbook and other publications supplied with it, because the more familiar you can become with the vehicle, the greater your comfort, safety and economy when driving.

This Driver's Handbook will provide you with the information you need to become familiar with your vehicle, to drive it, to carry out routine maintenance checks, and what to do in an emergency.

This Handbook contains the latest information upon the time of printing and all modifications, interpretations and descriptions should be reserved by the company. Based on the consideration that the company products will be upgraded or in any other way(s) modified constantly, the company reserves the right to apply these changes mentioned here before without notice when the Handbook has been hereby printed and published and will accept no liability.

This Handbook is an integral part of your vehicle. If selling, please remember to pass the Handbook on to the new owner.

Special Attention

Driver's Handbook and Warranty & Service Handbook specifies the agreement between the company and the user on establishment and terminations of rights and obligations around product quality warranty and after sales. You must read the Driver's Handbook and Warranty & Service Handbook very carefully before you use the product. If any damage is caused by misuse, neglect, incorrect operation or unauthorised refit, the user will have on right of claim and any warranty request will be refused by SAIC MAXUS Automotive Co.,Ltd Service Dealer (hereinafter referred to as "Service Dealer").

Unauthorised re-production of this Handbook, whether electrically, physically or in any other way, and/or storing the Handbook in any inquiry system of any form or type shall not be permitted.

Wish you a pleasant driving!

SAIC MAXUS Automotive Co.,Ltd. Address:#2500, Jun Gong Road, Yang Pu District, Shanghai Postcode: 200438

SAIC MAXUS Automotive Co.,Ltd reserves the final right to interpret this Handbook.

Contents

Preface	1	Push-and-pull window	22
Introduction	1	Seats	22
About this handbook	1	Driver's seat adjustments	22
Indicative information	1	Front occupant seat adjustments	23
Precautions	3	Rear occupant seat adjustments.....	24
Dangerous substances.....	3	Headrest.....	26
Children / Animals	3	Occupant restraint system	26
Personal safety.....	3	Sitting correctly.....	26
Vehicle identification	4	Seat belts	27
Vehicle identification number (VIN)	4	Seat belt pretensioner	29
Type and number of drive motor	4	Airbag(s).....	30
VIN plate.....	5	Child restraint (not supplied with the vehicle).....	33
Instructions for using electric vehicle	6	Instruments and controls	35
Recycling of lithium battery pack.....	6	Instrument cluster	36
High-voltage system.....	6	Speedometer.....	36
Instructions when accident occurs	7	Power meter of drive motor	36
1 Before You Drive	9	Voltmeter of high-voltage battery pack.....	37
Keys	10	Information center	37
Ordinary key	10	Display brightness adjustments.....	41
Plip	10	Warning lights and indicators	41
Extension / Retraction of key head of the clip	11	Direction indicator.....	41
Remote control battery renewal	11	Headlamp main beam indicator.....	41
Door locks	12	Front fog light indicator.....	41
To protect your vehicle against theft.....	12	Rear fog light indicator	41
Central door locking system.....	13	Position lamp indicator	42
Manual unlock/lock of doors.....	15	TPMS warning light	42
Windows	20	Air bag warning light.....	42
Power windows	20	Seat belt warning light.....	42
Side sliding windows	21	Brake system warning light	42
		ABS (Anti-lock Braking System) warning light.....	43

Contents

EBD (Electronic Brake Distribution) warning light	43	Front ventilation	57
ESP (Electronic Stability Program) indicator	43	Rear ventilation	59
ESP (Electronic Stability Program) OFF indicator	43	Front air condition and heating control switches	59
Electrical parking indicator lamp	43	Front air conditioning and heating	62
Electrical parking fault light	44	Rear air conditioning and heating	65
Battery no-charge warning light	44	Air conditioning operating tips	65
Vehicle ready indicator lamp	44	Rear view mirrors	66
Charging connection indicator lamp	44	Outside rear view mirrors - power adjustment	66
Charging status indicator lamp	44	Outside rear view mirrors - manual adjustment	66
Power system fault warning lamp	44	Foldable rear view mirrors	67
High temperature warning lamp of drive motor	45	Interior mirror	67
Low power SOC warning lamp of high voltage battery pack	45	Internal equipments	68
Electric power steering fault warning lamp	45	Sun visors	68
High-voltage battery pack cutoff warning lamp	45	Roof vanity light	68
High-voltage battery pack fault warning lamp	45	Cigarette lighter	69
Door open warning light	46	USB ports	70
Power side stepwell indicator	46	Cup holder	70
Insulation fault warning lamp	46	Ash tray	71
Limited Power Indicator	46	Glove box	71
Instrument desk switches	47	Overhead stowage	72
Switch of electrical parking brake (EPB)	47	Driver's tools	72
Headlamp leveling switch	47	Power side stepwell	73
Central Panel Switch	48	Protective device	73
Switches on Steering column and Steering Wheel	50	Lateral protective device	73
Ignition switch and steering lock	51	Rear under-run protective device	73
Lighting and direction indicator lever switches	51	MP3+Audio	74
Wiper and washer lever switches	54	Description of Panel Functions	74
Volume control, mute, audio source and Bluetooth phone switch	55	Audio adjustment	75
Horn	56	Radio reception	76
HVAC	57	Playing in USB mode	77

Contents

Bluetooth	79	ESP (Electronic Stability Program).....	100
AUX IN interface.....	82	Electrical parking brake (EPB)	101
Reversing beeper volume	82	Electrical pawl parking (EPP).....	103
General troubleshooting.....	83	Warning lights.....	104
2 Starting and Driving	85	Parking assist system	104
Before starting and driving.....	86	Parking sensor	104
Ignition switch	86	Parking camera	106
Starting / Stopping.....	87	Lane change assistance system	106
Starting.....	87	Tyres	109
Stopping	87	Loading	110
Driving	88	Load carrying.....	110
Running-in of new vehicle	88	Load restraint	111
Driving	88	Hazardous loads	112
Ramps and ferries	88	3 Emergency Troubleshooting	113
Shift lever.....	89	Hazard light.....	114
Operation.....	89	Jump start.....	114
Gear	90	Battery disconnection	114
Charging requirement.....	90	Jump start.....	115
Requirements for charging equipment	91	Warning triangle	117
Requirements for charging environment	92	Replacing wheel	117
Influence of charging operation on special personnel	92	Jack.....	117
Rapid charging operation	93	Spare tyre.....	118
Slow charging operation.....	94	Replacing wheel.....	118
Low speed warning module.....	95	Towing vehicle.....	121
Low speed warning sound effect.....	96	Towing hitch.....	121
Electro-Hydraulic Power Steering	96	Towing	123
Brake system	97	Replacing fuse	123
Service brake	97	Main fuse box	123
ABS (Anti-lock braking system).....	98	Auxiliary fuse box	125

Contents

Pre-fuse box	126	Adjusting and cleaning	144
Replacing fuse	127	Wiper blade	144
Replacing bulbs	127	Inspection	144
Bulb specification	127	Replace	145
Headlamp	128	Maintenance and service	145
Front direction indicator	129	Battery	145
Rear combined light	129	Duration of storing the vehicle	147
Front roof vanity light	130	Operating in winter	147
Rear roof vanity light	131	Recharging the battery with ground equipment	147
Stepwell light	132	Removing the battery	148
Manual power side stepwell retracting	132	Replacing the battery	148
Emergency release of electrical parking brake	133	Installing the battery	149
4 Maintenance and Service	135	High voltage battery pack	149
Scheduled maintenance	136	Instructions and restricted conditions	149
Owner's check	136	Tyres	151
Front compartment	137	Tyre pressure	151
Front compartment hood	138	Wear indicator	152
Open front compartment hood	138	Seat belt	152
Close front compartment hood	139	Inspection	152
Coolant	139	Maintenance and service	153
Inspection and charge	140	Other maintenance	153
Brake fluid	141	Vehicle cleaning	153
Inspection and charge	141	Anti-corrosion of underbody	154
Power steering fluid	142	Seat and trim	154
Inspection and charge	142	Door seal	154
Washer fluid	143	Window glass	154
Inspection and charge	143	5 General Technical Parameters	155
Washer jet	144	Major vehicle dimension parameters	156
		Vehicle weight parameters	157

Contents

Dynamic performance parameters	158
Drive motor parameter.....	159
Chassis technical parameters	160
Recommended fluid oil.....	161
Wheel and tyre	162
Wheel alignment parameters	163

<https://www.automotive-manuals.net>

Preface

Introduction

About this handbook

This Handbook is applicable to EV80 pure electric minibus, van and chassis cab.

Caution
The information contained in this Handbook is designed to cover more than one model option and variant, and therefore some of the items covered may not apply to your vehicle.

The applicable executive enterprise standard is Q31/0110000019C020.

The drawings contained in this Handbook are illustrations for references only.

Indicative information

Warning



This symbol indicates that: In order to avoid the possibility of personal injury or injury to others, relevant procedures must be followed strictly and precisely.

Caution

Caution
Relevant procedures must be followed to avoid the possibility of vehicle damage.

Preface

Note

Note: *Indicative statements which provide helpful information.*

Environment protection



We are all expected to play our part in protecting the environment. This symbol draws attention to information which may help you to do that.

Arrows



Represents described object.



Represents its direction of motion.

See

The contents are referred by the "Section" title.

Precautions

Dangerous substances

 Many liquids and other substances used in motor vehicles are poisonous and should under no circumstances be consumed and should, so far as possible, be kept away from open wounds. These substances among others include battery acid, anti-freeze, brake fluid, power steering fluid, washer fluid, lubricants, refrigerant and various adhesives. Always read carefully the instructions printed on the labels or stamped on components and obey them implicitly. Such instructions are included for reasons of your health and personal safety. Never disregard them.

For your safety, observe instructions contained in this Handbook.

Children / Animals

 Accidents and injury may be caused by unsupervised children or animals operating controls and switches fitted to your vehicle, or playing with equipment or goods being transported in it.

To prevent child or animal induced accidents or personal injury, Do NOT leave them unattended inside the vehicle without adult supervision. Also they can become suffocated in hot weather conditions.

Personal safety

 Seat belts are fitted to all seats in your vehicle to reduce the possibility of personal injury in the event of an accident. It is required that all occupants wear a seat belt. In addition, a Supplementary Restraint System (SRS) is fitted for additional protection of the driver and front occupants, comprising an air bag and seat belt pre-tensioner.

Please see "Occupant restraint system". Misuse of an air bag can result in injury.

Preface

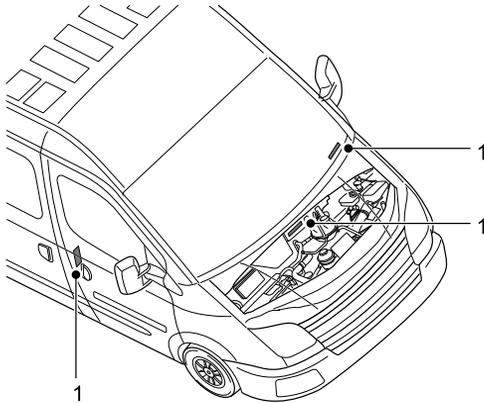
Vehicle identification

When communicating with our Service Dealer, you should provide the vehicle identification number (VIN).

Vehicle identification number (VIN)

Vehicle identification number on the vehicle (VIN) :

- On the outer side of right-front vertical beam.
- On the VIN plate on the right/left side of B post, please refer to the actual vehicle.
- On the dashboard in the bottom of front windscreen glass through where the VIN can be seen easily.



1 Vehicle Identification Number (VIN)

4

Type and number of drive motor

The type and number of the drive motor are engraved on the housing of the drive motor.

Preface

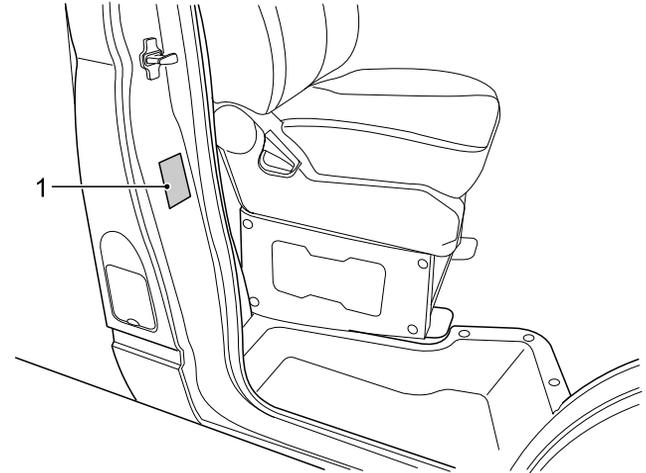
VIN plate

VIN plate may contain the following information, please refer to the actual vehicle.

- VIN
- Type
- GVW
- GCVW
- Seat No
- Built Date
- Name of production plant
- Country of manufacture
- Model of main drive motor
- Rated power of main drive motor
- Working voltage/capacitance of power battery

Location of VIN plate

VIN plate (1) is located at front lower of right/left side B post, please refer to the actual vehicle.



Instructions for using electric vehicle

Recycling of lithium battery pack

Lithium battery pack is installed at the position of motor-vehicle chassis. Arbitrary disposal may cause pollution and hazard to the environment. It is prohibited to dismantle and discard without approval. It will be disposed by professional institution. Details about recycling and disposal of lithium battery pack can be obtained through consulting Service Dealer.

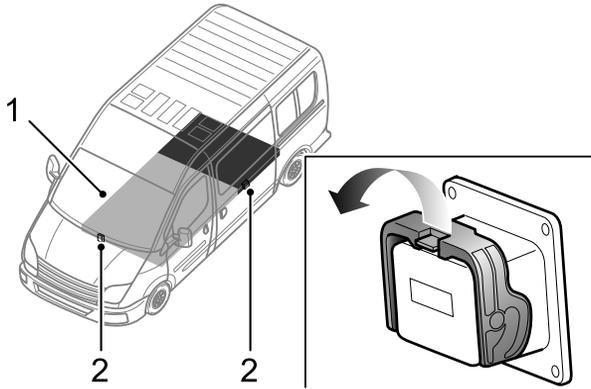
High-voltage system



High-voltage system on vehicle includes AC and DC high voltage power (can reach over 230V).

High-voltage power is very dangerous and may cause serious injury such as burning, electric shock and even death.

- **It is prohibited to contact high-voltage cables and its connectors to avoid personal injury.**
- **Parts with orange labels are parts of high-voltage system. These parts are equipped with warning label of high-voltage system. Requirements on warning label of high-voltage system must be abided by.**
- **It is prohibited that non-professional repair personnel contact, dismantle or install any components of high-voltage system without approval.**
- **It is prohibited that personnel without training contact or operate manual service switch on high-voltage battery pack.**



1 Manual service switch (short axis model)

2 Manual service switch (long axis model)

Note: For lengthening axis model, manual service switch is on 1 or 2 as shown above, please refer to the actual vehicle.

Instructions when accident occurs



- Keep the vehicle at P gear, turn off the vehicle and remove the key.
- If cables on the vehicle are exposed or damaged, it is prohibited to contact any cable to prevent electric shock.
- If fire disaster occurs, personnel shall immediately leave the vehicle and use ammonium carbonate salt fire extinguisher to put out the fire or use lots of water to put out the fire. It is strictly prohibited that any person contacts or enters ignited vehicle during the rescue period. After fire has been put out, continuous observation is required. Professional personnel will remove the vehicle to spacious area after confirming power battery does not have abnormal sound and smoke. Professional personnel will confirm battery state before vehicle transfer.
- If vehicle is collided, vehicle cannot be re-started. In addition, manual service switch will be disconnected when rescuing.

Preface



- **When vehicle is completely or partially immersed into water, personnel will turn off the vehicle and timely escape. The manual service switch will be disconnected before transporting vehicle that has been refloated. If there is not bubble or abnormal sound when refloating, refloating operation can be conducted; if there is bubble or abnormal sound, operation can be conducted when there is not bubble or abnormal sound.**
- **After accident has been disposed, please contact Service Dealer.**

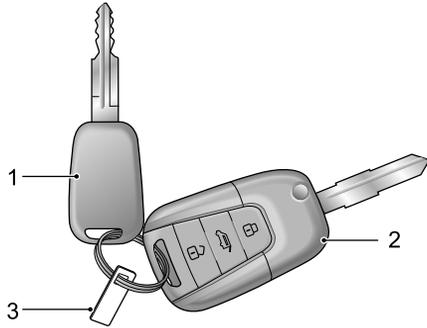
Before You Drive

- 10 Keys
 - 12 Door locks
 - 20 Windows
 - 22 Seats
 - 26 Occupant restraint system
 - 35 Instruments and controls
 - 36 Instrument cluster
 - 41 Warning lights and indicators
 - 47 Instrument desk switches
 - 50 Switches on Steering column and Steering Wheel
 - 57 HVAC
 - 66 Rear view mirrors
 - 68 Internal equipments
 - 73 Power side stepwell
 - 73 Protective device
 - 74 MP3+Audio
-

Before You Drive

Keys

The vehicle is equipped with 2 ordinary keys or 1 ordinary key and 1 plip or 2 plips.



- 1 Ordinary key
- 2 Plip
- 3 Metal tag

Note: *In case of loss, replacement keys are available from our Service Dealer by quoting the key number on the metal tag supplied with the keys. We recommend you should keep the tag in a safe place.*

Ordinary key

The ordinary key is primarily for activating the immobiliser and starting systems, but will also lock/unlock driver's door, occupant's door, side load door and tail door. Use of an ordinary key in either of these doors (driver's door excluded) will lock/unlock that door only.

For further information on the use of ordinary key see "Manual unlock/lock of doors", "Ignition switch and steering lock".

Plip

The remote control is the controlling part of your vehicle's central locking system, and its use enables you to lock all doors. It can be used to unlock the tail door only or to unlock all doors.

Note: *The remote controls are coded electronically to your vehicle's lock/unlock system and are unique to it. A special procedure is required to replace plips. Your Service Dealer will be pleased to assist you.*

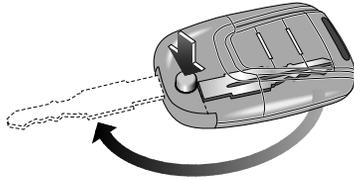
For further information on the use of plips see "Central door locking system".

Before You Drive

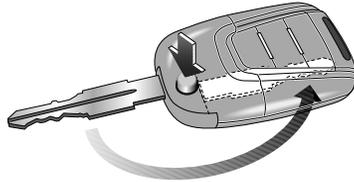
Extension / Retraction of key head of the clip

Key head of the clip('Key head' for short)

Press the release button on the clip to extend the key head from the key itself.



If retracting the key head, press the release button on the clip and rotate the key head back to the key itself.



Remote control battery renewal

⚠ Batteries present danger, risk of fire, explosion and burns. Do not attempt to re-charge batteries.

1

To renew the battery, following procedures must be observed:

- 1 Extend the key head.
- 2 Remove the key itself from the main body with force.
- 3 Pry (using one-yuan coin) the upper and lower panels of the main body.
- 4 Remove the PCB (with battery) from the lower panel.

Caution
Never use a metal tool to pry the PCB.

- 5 Withdraw the old battery and fit the new battery.

Note: Batteries of type CR2032 are recommended.

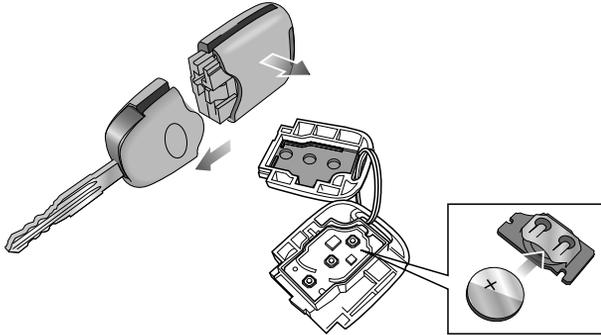
Caution
It is essential that the correct battery polarisation is observed.

- 6 Locate the PCB (with battery) on the main body lower panel.
- 7 Refit the upper and lower panels of the main body.

Caution
Do not ignore the waterproof shim onto the upper panel.

Before You Drive

8 Press the key itself into the main body.



Door locks

To protect your vehicle against theft

! If leaving the vehicle with occupants inside, even briefly, always remove the key from the ignition lock, particularly if children remain in the vehicle. They could otherwise start the drive motor or operate electrical equipment at the risk of causing an accident.

Before leaving the vehicle, fully close all windows.

Ensure all doors are fully closed before locking them.

Central locking/unlocking

All doors can be locked/unlocked from the outside using clip or ordinary key. All doors can be locked/unlocked from the inside using central lock switch. All doors can be automatically locked according to the vehicle speed.

See “Central door locking system”.

Separate locking/unlocking

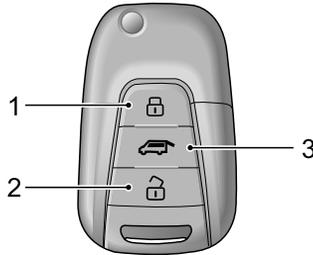
Front occupant door and tail door can be separately locked/unlocked from the outside using ordinary key or clip head. See “Manual unlock/lock of doors”.

Central door locking system

Using remote control

The doors can be locked/unlocked through the central door locking system using the remote control buttons.

Note: All doors must be fully closed for the system to operate correctly.



- 1 Central locking button
- 2 Central unlocking button
- 3 Tail door unlocking button(for vehicles with tail door)

Caution

After removing the key from the ignition switch, please use the central control lock button on the remote control to lock the vehicle, so as to completely turn off the radio, interior reading lamp and other electrical equipment.

All doors locking

Press button (1) to lock all doors when the driver door is closed. All direction indicators will flash once and the horn will sound to indicate successful locking.

Note: If all direction indicators flash once and the horn sounds, it indicates that locking has been confirmed; if any door is not fully closed, there will be no direction indicator flashing or audible warning. Press button (1) only after all doors have been closed.

All doors unlocking

Press button (2) to unlock all doors. All direction indicators will flash twice to indicate successful unlocking.

Note: If no door is opened, no key is inserted into the keyhole, or no central locking/unlocking button is pressed within 30 seconds, all doors will be automatically locked again.

Tail door unlocking

Press button (3) to unlock tail door. All direction indicators will flash twice to indicate successful unlocking.

Note: If no door is opened, no key is inserted into the keyhole, or no central locking/unlocking button is pressed within 30 seconds, the tail door will be automatically locked again.

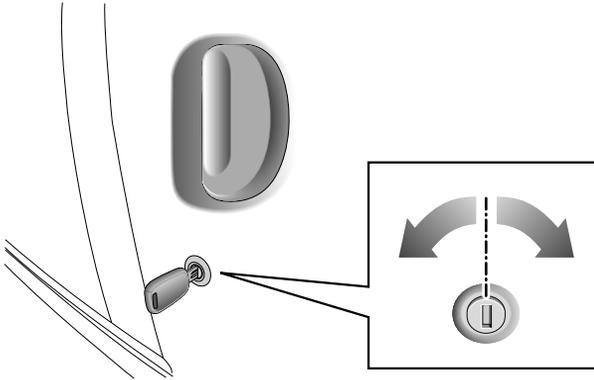
Before You Drive

Using ordinary key or key head

All doors can be locked/unlocked using ordinary key or key head to manually lock/unlock the driver's door.

To lock, turn the ordinary key or key head anti-clockwise.

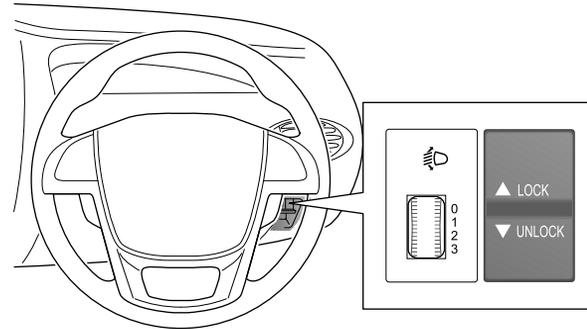
To unlock, turn the ordinary key or key head clockwise.



Using central lock switch

All door can be unlocked or locked from the inside using the switch. All doors can be locked by pressing the upper of the switch. All doors can be unlocked by pressing the lower of the switch.

Note: If driver's door is not closed, the lock motor will not operate. if any other door is not closed, the lock motor will operate.



Locking according to vehicle speed

When the vehicle speed exceeds 8 km/h, all doors can be locked automatically.

Note: When the key is turned to "LOCK" position, remove the key to unlock the door automatically.

Before You Drive

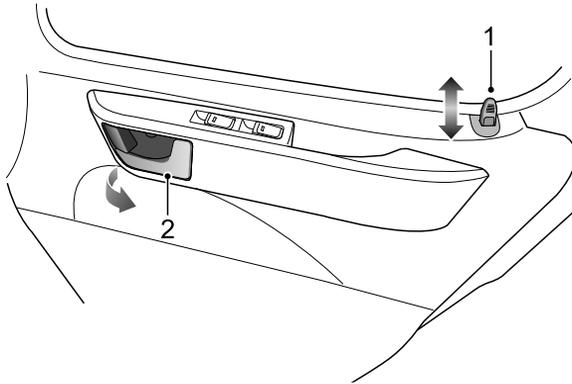
Manual unlock/lock of doors

Driver's door (from the inside)

To lock, close the door and press button (1).

To unlock, lift the button (1) up. To open the door from the inside, pull the handle (2).

Note: The door can also be locked by pressing the interior "LOCK" button (1) before closing all doors (except for driver's door).



Front occupant door (from the inside)

The unlocking/locking from the inside of the front occupant door are the same with those of the driver's door.

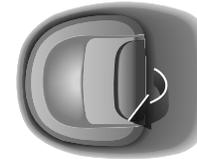
Side loading door(s)

Opening/closing the door from the outside

To open the door from the outside, squeeze the handle and slide the door rearwards.



To open the door from the outside, pull the handle and slide the door rearwards.



To close the door from the outside, pull it fully forwards using the handle.

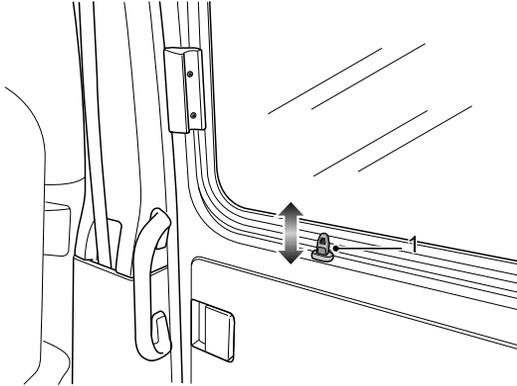
Note: The locking/unlocking of the side load door from the outside can be controlled using a remote control (See "Central door locking system").

Before You Drive

Unlocking/locking from the inside

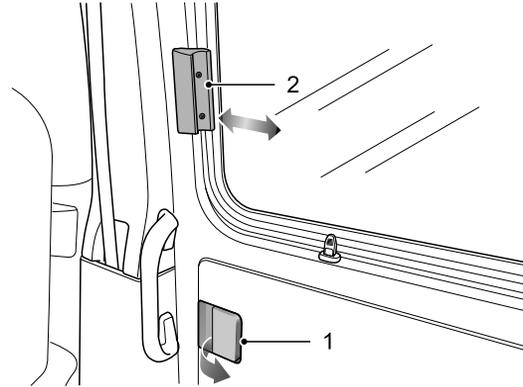
To lock from the inside, close the door and press button (1).

To unlock from the inside, lift the button (1) up.



Opening/closing the door from the inside

To open the side load door from the inside, lift the handle (1) and squeeze the pull handle (2) and pull it rearwards after unlocking.



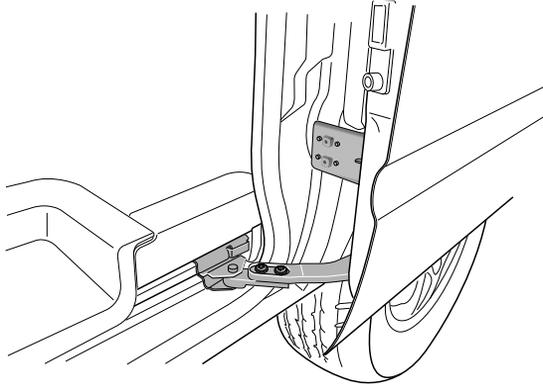
Caution

Damage may be caused if the inside opening handle (1) is used to pull the side loading door open or closed. It is recommended to use the pull handle (2) provided on the door frame to open or close the side load door.

Before You Drive

Fastening the door

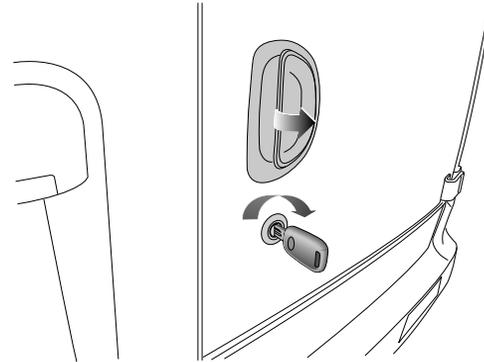
Note: When the side load door is fully opened, a “click” from the rear of lower rail indicates that the door is fastened.



Tail door

Unlocking/opening from the outside

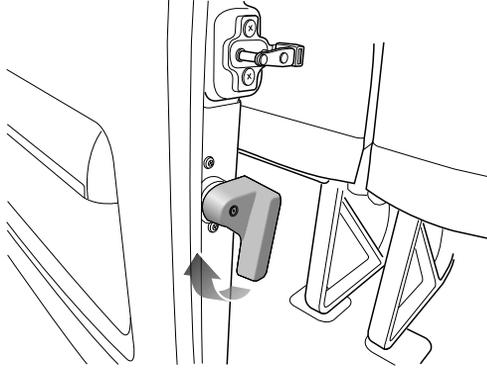
To unlock manually or open from the outside, turn the ordinary key or key head clockwise. Pull the handle to open the right hand door first.



1

Before You Drive

Then pull the spring lock lever on the left hand door to open the left hand tail door.



Closing/locking from the outside

To close and lock from the outside, shut the left hand door first, and pull down the spring lock lever on the left hand tail door to fasten the left hand tail door. Then shut down the right hand tail door and use ordinary key or key head to fasten in a anti-clockwise direction.

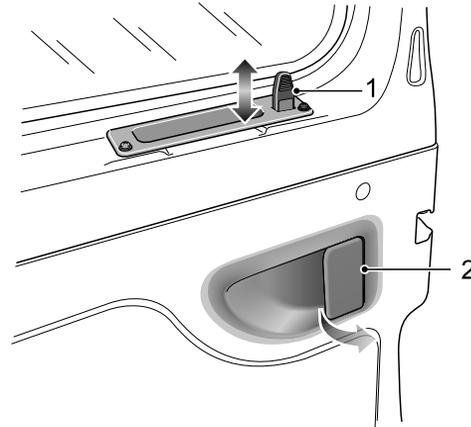
Note: *The tail door can also be locked by pushing the interior LOCK button down before closing the door.*

Unlocking/locking from the inside

To unlock and open the tail door from the inside, lift the button (1) and pull the handle (2) to open it. Then pull the spring lock lever on the left hand door to open the left hand tail door.

To lock the tail door from the inside, shut the tail doors on both sides and press down the right hand button (1).

At this time, entrance from the outside can be achieved only by using ordinary key or key head.



Before You Drive

180°/255° opening/closing of tail doors

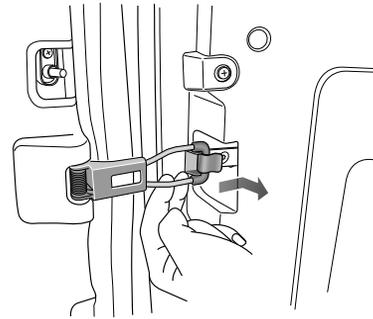
! When either door is opened more than 90° it has no restraint. It may then swing unexpectedly in windy conditions, and could harm passers-by or other road users and/or cause damage to the vehicle.

The tail doors should not be opened to 180°/255° on the public highway as they may cause a hazard to passing traffic or pedestrians.

In certain positions of use the tail doors may obscure the vehicle's rear combined lights. When using the rear doors during the hours of darkness, it is advisable to warn other road users of the presence of the vehicle by means of additional precautions such as using a reflective warning triangle or similar device.

Open to 90° then pull the door slightly back towards the closed position and release the draw hook by pulling it out against tail door hook. The door is now free to be opened to 180°/255°.

When the door is closed from the 180°/255° position, the drag hook will automatically return to its fitted position at 90°.



Before You Drive

Windows

Power windows



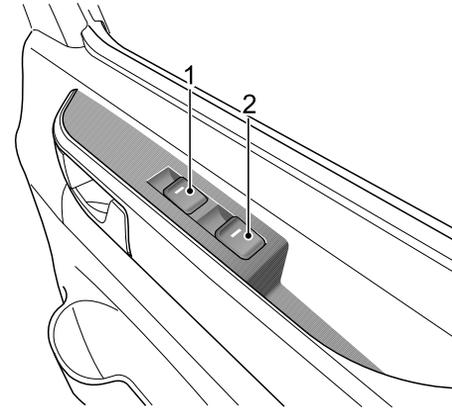
Always remove the key if leaving children alone in the vehicle. Do not allow children to play with power window switches. A child could operate the switches and become trapped in a window causing serious injury.

Always take care when closing windows. Careless operation can lead to personal injury, e.g. bruising, or trapped clothing.

Driver's door window

There are 2 window switches on the driver's door. These two switches are respectively used to control the driver's door window and front occupant door window.

Press the front of the switch to open the window. Press the rear of the switch to close the window.



- 1 Driver's door window control switch
- 2 Front occupant door window control switch

“One touch”lowering

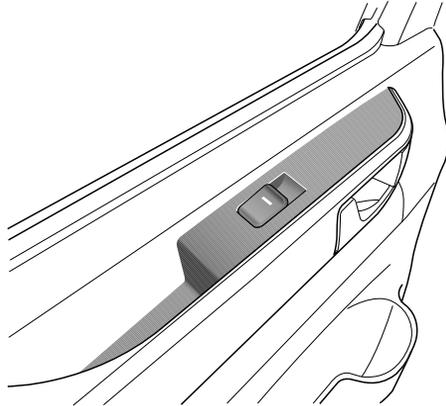
Slightly touch on the driver's door window control switch, the window can be automatically opened.

Before You Drive

Front occupant door window

There are only 1 window switch on the front occupant door for controlling front occupant door window only.

Press the front of the switch to open the window. Press the rear of the switch to close the window.



Note: The power windows will only operate when the ignition switch is turned to "ON".

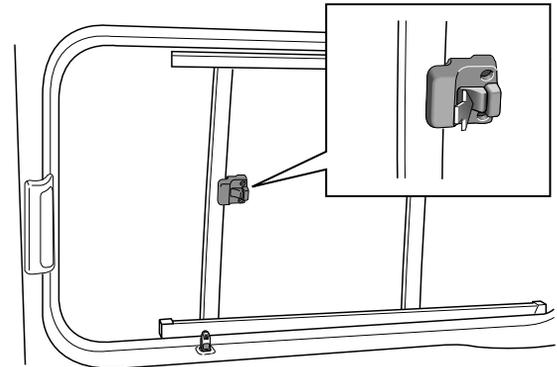
Side sliding windows

! When open, always ensure that the catch engages in one of the securing positions, otherwise the window might slide forward under sudden braking or in an accident and cause personal injury.

1

To open, squeeze the catch and slide the window to the desired position.

To close, squeeze the catch and slide the window closed. Release the catch and check that the window is secured in the closed position.

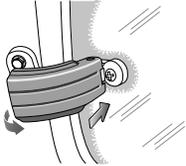


Before You Drive

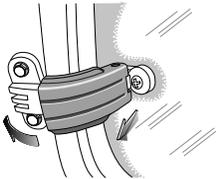
Push-and-pull window

! When opening and closing the push-and-pull window, make sure that the hinge is locked tightly.

When opening the push-and-pull window, clench the hinge and unlock it in the anticlockwise direction, and then push the push-and-pull window outward by applying a force to the position near the hinge until the window is pulled to the desired position; after that, lock the hinge tightly in the clockwise direction.



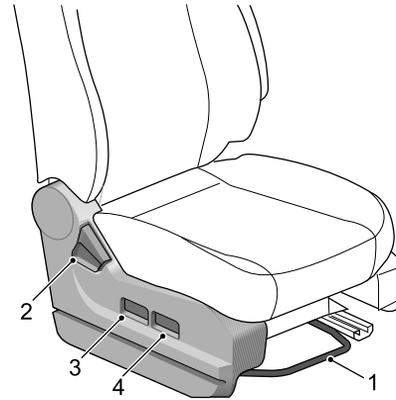
When closing the push-and-pull window, tightly clench the hinge and unlock it in the anticlockwise direction, and close the push-and-pull window by holding the hinge at the push-and-pull window end. After the window is closed, lock the hinge tightly in the clockwise direction.



Seats

Driver's seat adjustments

! Do not carry out driver's seat adjustments while the vehicle is moving. Otherwise control of the vehicle may be lost and cause an accident.



Fore and aft

Lift the bar (1) and slide the seat to the required position. Release the bar (1) and check that the seat is locked in position.

Before You Drive

Rack adjustments of backrest



Do not recline the driver's seat excessively as the seat belt provides maximum protection when the angle between the seat and the upright position is near 25°.

Slightly recline forward and pull up the adjuster (2), the seat backrest will rebound automatically. Then lean against the seat back to adjust to the required angle. Release the adjuster (2) and check that the seat back is locked in position.

Pad height adjustments

The front and rear of the seat can be adjusted independently for height. The height of the rear of the seat can be adjusted while holding up the lever (3), and the front while holding up the lever (4).

Note: When increasing the pad height, ease your body weight from the seat pad; When decreasing the pad height, press the seat pad with your body weight to lower the pad height.

Front occupant seat adjustments

Rack adjustments of backrest (if adjustable)

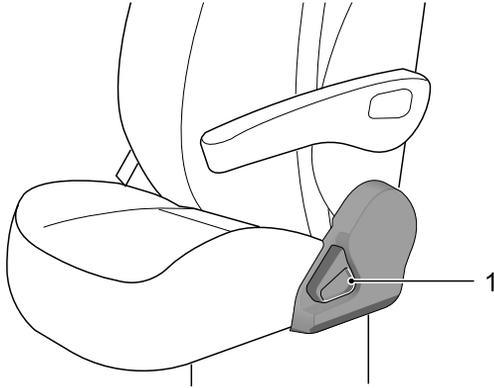
Rack adjustments of front occupant single seat/dual seat backrest is same as driver's seat.

Before You Drive

Rear occupant seat adjustments

Rack adjustment of seat back (if adjustable)

Slightly recline forward and pull up the adjuster (1). Then lean against the seat back to adjust to the required angle. Release the adjuster (1) and check that the seat back is locked in position.



Seat back folding adjustment (if adjustable)

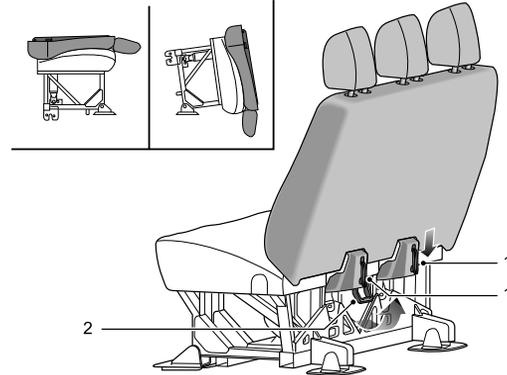
While keeping pulling belt release buckle (1) downward, push seat back forward to fold it.

While keeping pulling belt release buckle (1) downward, push seat back backward to make it return to upright position.

Seat folding forward adjustment (if adjustable)

With seat back folded, while keeping lifting up handle (2), push seat forward to fold it forward.

While keeping lifting up handle (2), push seat backward to make it return to upright position.



Before You Drive

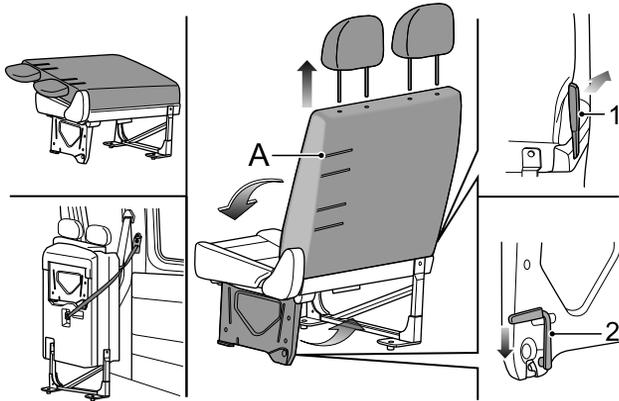
Seat side folding adjustment (if adjustable)

Seat side folding

Remove the headrest. Insert the headrest into the slot A (if any) in the backrest, or insert the headrest between the seat cushion and backrest (if no slot A).

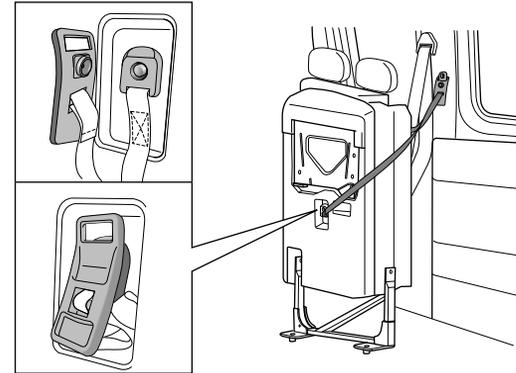
Push the handle (1) forward to unlock the seat back. Push the seat back forward to fold it.

After folding the seat back, press down the lock handle (2) on the lock plate of seat to rotate it onto the seat cushion, while turning the seat toward the side. After turning the seat, take out the safety cable placed in the hole on rear plastic part of the cushion. Adjust the cable to an appropriate length, so that it can be fixed on the hook at body side to protect the turned seat.



Seat returning

Remove the safety cable from the hook of body side, retract it, and fix its hook into the hole on rear plastic part of the cushion. Extend the turned seat lock plate, while adjusting the seat from turned position to upright position, to return the lock on the lock plate back to its original position and ensure to lock it. Push the handle (1) downward to unlock the seat back, and then push the seat back to return it back to upright position. Remove the head rest from slot A, and adjust it to the occupying position.



Caution

After returning the seat to its original position, please gently shake the whole seat up and down to ensure it is locked into position.

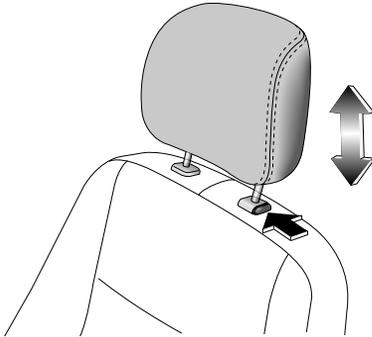
Before You Drive

Headrest

! To reduce the risk of neck or head injury, the headrest should be adjusted to support the back of the head and not the neck. Do not adjust the headrest while the vehicle is in motion.

Press the arrowed button to push down or pull up the headrest to adjust the headrest to the required position.

When pulling to a proper position, the headrest can be pulled out.



Occupant restraint system

Sitting correctly

The seat and its occupant restraint system have been designed to reduce personal injury to a minimum in the event of an accident. For optimum effectiveness, the following points should be observed.

- Do not position the seat nearer to the steering wheel than is necessary.
- Do not over-recline the seat. Adjust the rake of the backrest to no more than 30° angle so that you sit in an upright position with your arms slightly bent, and the base of your spine as far back as possible.
- Your headrest should be adjusted so that its centre is level with the back of your head, not your neck.
- Diagonal belt should lie across the centre of your shoulder (adjust its height if necessary) while lap strap fit tightly across the hips, not the stomach.



Seat belts



Improperly worn or improper use of seat belts can cause serious injury or death. Seat belts are life saving equipment. In a collision, unrestrained occupants can be thrown around inside the vehicle or possibly thrown out, resulting in injury to themselves and also to other occupants.

Seat belts must be used at all times by the driver and adult sized passengers. Do NOT slacken the webbing by pulling the belt away from the body. To be fully effective the webbing must remain tightly around the body at all times. Avoid wearing thick, bulky clothing.

Never use a seat belt for more than one person, and never use it to secure an additional object or a child.

When wearing a seat belt ensure that the webbing is not twisted or slack. Otherwise the smooth operation of the belt may be impeded. The buckle release button must face outwards.

Do not allow a baby or infant to be carried on the lap. The force of a crash can increase effective body weight, making it impossible to hold onto the child.

Do not allow foreign matter (particularly sugary food and drinks) to enter the seat belt buckles - such substances can render the buckles inoperative.

Always renew a seat belt assembly that has withstood the strain of a severe vehicle impact, or where the webbing shows signs of fraying, cuts etc.

Pregnant women should ask their doctor for advice about the safest way to wear seat belts.

A seat belt must not be altered or modified in any way, since such changes may render the belt ineffective. Do not attempt to dismantle, repair or lubricate retractor or buckle mechanisms.

Always ensure correct stowage of belts when not in use.

This series provides diagonal belts and lap straps. The diagonal belts are divided into adjustable and unadjustable for height.

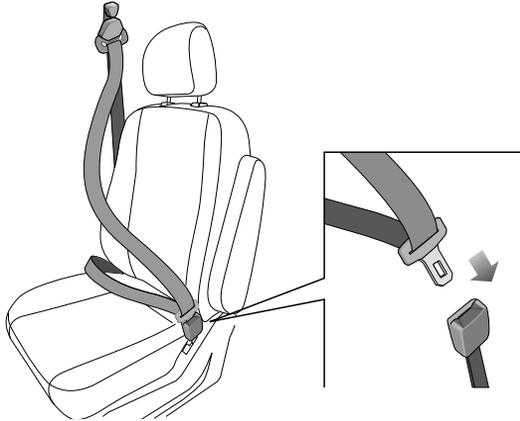
Diagonal belts



Insert the tongue into the buckle until a distinct click is heard, which indicates the belt is locked.

Pull the belt steadily from the reel. Position the belt over the shoulder and across the chest, and push the tongue into its buckle.

Before You Drive



Caution

It may lock if pulled sharply or if the vehicle is on a slope.

After the vehicle start, the 'Seat belt warning light (red)' will not go out unless the driver's seat belt is tied or correctly engaged.

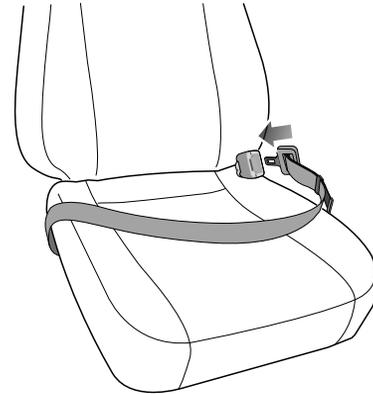
Note: *The 'Seat belt warning light (red)' on the instrument cluster will only go out if the driver's seat belt tongue and buckle are correctly engaged.*

Lap straps

! Insert the tongue into the buckle until a distinct click is heard, which indicates the belt is locked.

Fasten the seat belt and push the latch into the buckle.

To release, press down the red lock release button on the buckle.



Before You Drive

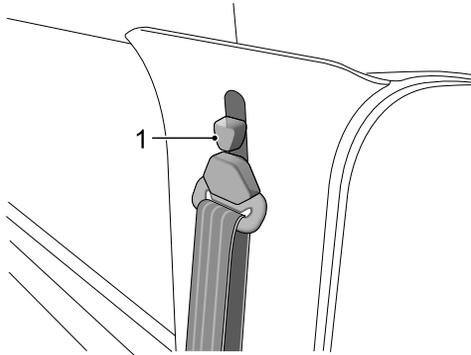
Belt height adjustment

! Ensure that the sliding adjuster is secure after making an adjustment.

Do not adjust the height of the driver's seat belt while driving, as vehicle control may be lost.

Only the driver's seat and front occupant seat diagonal belts are adjustable for height.

Press the knob (1) and slide the seat belt top sliding adjuster up or down to suit the height of the occupant. Release the button (1) at the proper position.



Seat belt pretensioner

! Do not tamper with or attempt to repair a pretensioner. It contains a pyrotechnic device and any repairs must only be carried out by our Service Dealer.

pretensioners will not function after activation and must be renewed. In the event of a collision, ensure that pretensioner and all seat belt components are checked by our Service Dealer.

The seat belt pretensioner works together with the air bag to reduce the risk of injury in the event of a head-on collision. See 'Airbag(s)' for further information.

1

Before You Drive

Airbag(s)



No safety system can provide complete protection for personal injury or death in a severe crash. Injuries or death can occur, even if seat belts are worn properly and the air bags inflate.

After inflation some air bag components are hot - Do NOT touch until they have cooled.

An air bag inflates with considerable force and can cause facial abrasions and other injuries. These effects can be minimized by ensuring that you and your passenger(s) are wearing seat belts.

The driver's seat should be adjusted to be as far rearwards as possible while maintaining proper control of the vehicle.

Always hold the steering wheel by its rim, so that the air bag can inflate without obstruction.

Never attach accessory items e.g. a mobile phone bracket, cup holder, cassette tray etc., or stick anything to an air bag module cover on the steering wheel cover or the fascia. It could interfere with inflation of the air bag or, if the air bag inflates, be propelled into the vehicle to cause injury to occupants.

Do not allow a passenger to obstruct the deployment of the air bag by putting feet, knees etc. in contact

with, or in close proximity to the air bag module cover.

The seat belt pretensioner works together with the air bag to reduce the risk of injury in the event of a head-on collision.

Do not attempt to remove or pierce the steering wheel, or hit it violently.

Do not allow another person, animal or object to occupy the space between the driver and the deploying range of the airbag. The same applies on the passenger side if an airbag is fitted.

Do not attempt to repair or tamper with the steering wheel, steering column, any air bag system or pretensioner component, or with wiring in the vicinity of an air bag component. It could cause inadvertent activation of the system resulting in personal injury.

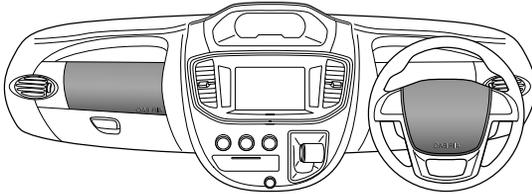
Do not modify the front of the vehicle in any way as this could adversely affect air bag deployment.

If the vehicle is to be scrapped, undeployed air bags are potentially dangerous and should be deployed in a controlled environment. This operation must be done by professional staff.

This model can be equipped with driver's airbag and front occupant airbag.

Before You Drive

Note: Air bags and pretensioners are designed to be a supplementary restraint system; seat belts remain the primary restraint and must be worn at all times.



Caution

- When an air bag is triggered a loud noise may be heard and a small amount of smoke-like gas and dust will be released. This smoke does not constitute a health hazard. The dust may be an irritant to the skin and therefore should be washed off with soap and water.
- For safety reasons you are recommended to have the air bag(s) renewed by our Service Dealer every 12 years. If the vehicle is sold, its owner is obliged to notify the purchaser of the cautions and warnings listed. This obligation is met by handing over these instructions (See Warranty & Service Handbook) to the new owner.

Check of airbags and pretensioner



If the 'Air Bag Warning Light (red)' does not come on when the ignition is switched on, does not go out after 6 seconds, or comes on during a journey, there is a fault with either the seat belt pretensioner or air bag system. You should contact our Service Dealer immediately.

As a system check, the 'Air Bag Warning Light (red)' on the instrument cluster will flash for around 6 seconds each time the ignition switch is turned to position 'ON'.

Before You Drive

Airbag deployment

In case of crash, airbag control unit will detect deceleration or acceleration caused by crash to determine airbag deployment.

Airbag will work based on the crash object, direction and vehicle deceleration rather than vehicle speed. Damage severity of vehicle shall not be considered as the judgment of airbag deployment.

Airbag will deploy instantaneously and powerfully with loud noise. The deployed airbag and seatbelt restraint system could restrain driver and passenger from moving, reducing the risk of injury to the head and body.

Upon deployment, the airbag will shrink immediately to ensure the driver could look forward without block.

Note: Never touch the hot airbag parts after deployment until such parts get cooled.

Replace air bag system components after collision accident



The air bag system could be damaged due to the collision accident thus cannot operate normally to protect you and passengers in future accidents. This will result in serious injury even death. To ensure the air bag system remains valid after the collision accident, consult our Service Dealer to make necessary replacement of components.

Once the air bag inflates, it is required to replace the components of the air bag system. For purpose of inspection, contact our Service Dealer for repair as soon as possible.

Before You Drive

Child restraint (not supplied with the vehicle)



DEATH or SERIOUS INJURY can occur.

Children 12 and under can be killed by the air bag. NEVER use child or infant restraint that faces backward on the front seat and the expanded air bag will cause serious child or infant injury and even death. Sit as far back as possible from the air bag.

When fitting and using a child restraint, always follow the manufacturer's instructions.



As the child is much easier to be injured by the expanded airbag than an adult, so child under 12 years old is suggested taking the rear seat. Usually, infants under 2 years old shall use infant restraint and children under 2-4 years old shall use child restraint. Infant or child restraint is available in the market.

There are many specifications and models for infant or child restraint and to realize best protection, you are suggested selecting proper restraint in accordance with the age and weight of the infant or child. At the same time, you should check that the restraint is suitable for your vehicle as well.

Caution

It is preferable to fit the infant or child restraint on the rear seat. In the case the infant or child restraint shall be positioned on the front seat while the vehicle is in motion, infant or child restraint must face forward. No matter what location, ensure properly secure the infant or child restraint. Note that unsecured infant or child restraint may move and run into other passengers when any crash or heavy braking occurs. Even if there is no infant or child, any infant or child restraint shall be properly secured in the vehicle.

Before You Drive

Top tether

! Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seatbelts, harnesses, or for attaching other items or equipment to the vehicle.

In order to use top tether child restraint anchorage, you must buy the child restraints which meet the top tether standard.

The restraint strap and attachment clip may be damaged or disconnected by unsecured vehicle contents. To ensure a secure engagement, before each use of the restraint follow this procedure.

- Secure or remove any vehicle contents.
- Tighten the Upper Anchorage Strap and ensure that strap is not twisted.
- Make sure the attachment clip is correctly engaged.

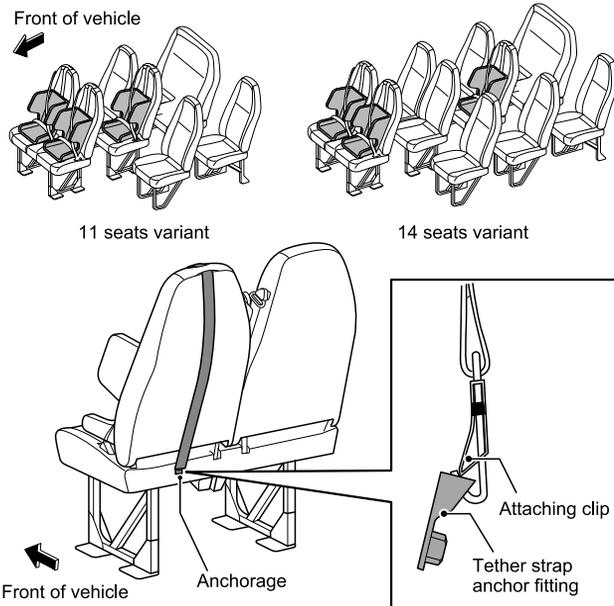
When fitting and using a child restraint, always follow the manufacturer's instructions.

This item may not apply to your vehicle, please refer to the actual vehicle.

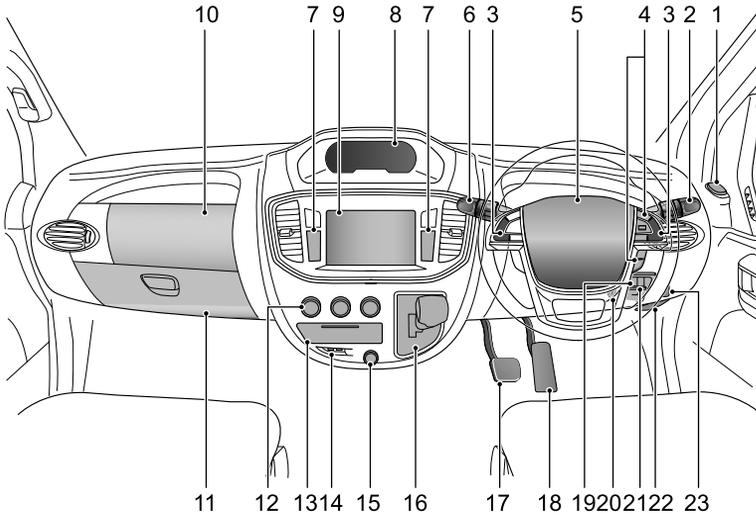
Fitment instructions as follows:

- 1 Route the tether strap over the seat back and through the guide that is installed on the top of the seat.

- 2 Attach the attaching clip to the tether strap anchor fitting.
- 3 Attach the child restraint seat using the seat belt, refer to child restraint seat instructions.
- 4 Adjust the tether strap length until it is attached tightly with the seat structure.



Instruments and controls

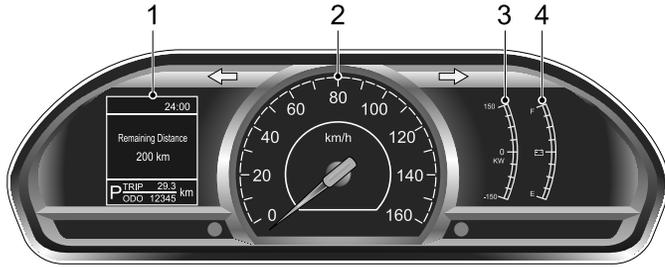


- 1 Outside rear view mirror power adjusting switch
- 2 Wiper/washer switch
- 3 Horn push button
- 4 Volume control, mute, audio source and Bluetooth phone switch
- 5 Driver's airbag Instrument desk switches
- 6 Lights/direction indicators switches
- 7 Central Panel Switch
- 8 Instrument cluster
- 9 Entertainment system
- 10 Front occupant airbag
- 11 Glove box
- 12 Front AC, heating control switch
- 13 Cup holder
- 14 USB port
- 15 Cigarette lighter
- 16 Gear lever
- 17 Brake pedal
- 18 Accelerator pedal
- 19 Headlamp leveling switch
- 20 Ignition switch
- 21 Central door locking switch
- 22 Front compartment hood release handle
- 23 Switch of electrical parking brake (EPB)

Before You Drive

Instrument cluster

Type 1



Type 2



- 1 Information center
- 2 Speedometer
- 3 Power meter of drive motor
- 4 Voltameter of high-voltage battery pack

Caution

Don't place any object in the front of the instrument cluster to avoid shielding dial and warning lamp.

Speedometer

The speedometer indicates the current road speed in km or mile per hour.

Power meter of drive motor

Display power of power system, unit is KW.

It is negative value if it is less than 0; it is positive value if it is more than 0.

If the power of the drive motor displays positive value, it means that the power system outputs power to drive vehicle; if the power of the drive motor is negative value, it means that power system converts part of kinetic energy to electric energy.

Voltameter of high-voltage battery pack

The state of voltameter of high-voltage battery pack will be indicated based on quantity of ignited strip-type bar.

When the electric quantity of the battery is too low, the red strip-type bar will be ignited, and “SOC warning lamp of high-voltage battery pack for low electric quantity” will also be ignited.

Note: *Low electric quantity of high-voltage battery pack will make some functions of the vehicle lose effect.*

Caution

When the electric quantity of high-voltage battery pack is low, the battery will be charged as soon as possible.

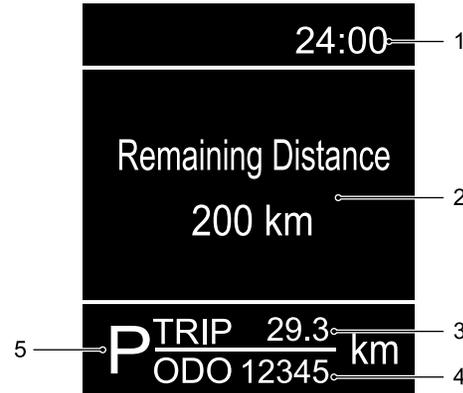
Enough electric quantity is stored in high-voltage battery pack before running.

After the vehicle is filled with electricity, SOC will have automatic calibration function. After the vehicle has been shallowly charged (less than 99%) every two to three times, the vehicle will be completely discharged for once (filled with electricity).

Information center

When there is no alarm message, the upper part of the display can show clock, trip computer interface, individual journey (TRIP), total distance (ODO), Gear position display information.

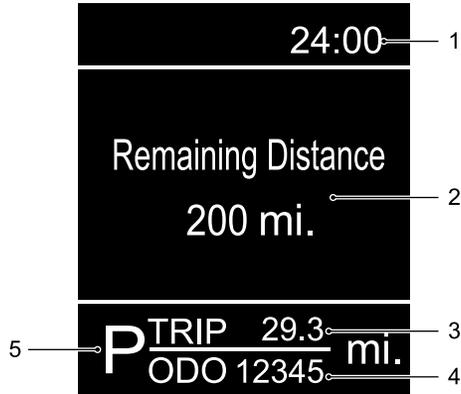
Type 1



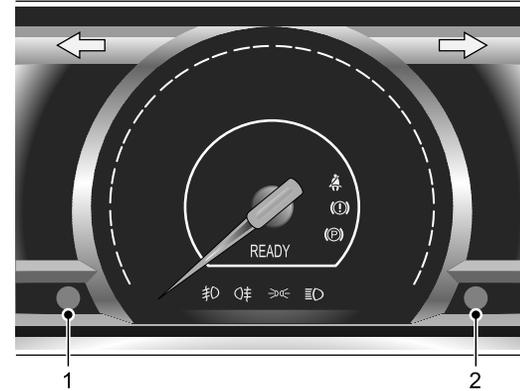
- 1 Clock
- 2 Trip computer interface
- 3 Individual journey (TRIP)
- 4 Total distance (ODO)
- 5 Gear position display

Before You Drive

Type 2



- 1 Clock
- 2 Trip computer interface
- 3 Individual journey (TRIP)
- 4 Total distance (ODO)
- 5 Gear position display



Clock

In hrs/min (at the uppermost of the display).

Clock settings:

Press and hold (2) (above 2 sec) to enter the hour setting mode when the hour value will flash. Short press (2) (less than 1 sec) to set the hour value. No press (2) within 5 seconds to enter the minute setting mode when the minute value will flash. Short press (2) (less than 1 sec) again to set the minute value (If the minute value is over 60, the hour value will not be affected). No press (2) within 5 seconds to exit the clock setting mode.

Note: If the battery is disconnected, the time should be reset. For vehicles equipped with large-screen display for entertainment system, the clock of the instrument cluster

is automatically synchronized with the system. However, under certain abnormal circumstances, for example, the entertainment system cannot work properly or the communication between the entertainment system and the instrument cluster is abnormal, manual setting of the instrument cluster clock will be required.

Trip computer interface

Short button (1) (time is less than 1 second) can be switched over as per interfaces of driving range, drive motor speed, voltage of power battery, current of power battery, monitoring information of tire pressure, temperature of motor core and high temperature warning.

- Driving range

It refers to the range that can be driven before electric quantity of the high-voltage battery is used out.

Note: Driving range is related to running condition, vehicle state, attachment to use, etc. When the electric quantity is low, driving range is just for reference.

- Drive motor speed

It displays present drive motor speed.

- Voltage of power battery

It displays present voltage of the power battery.

- Current of power battery

It displays present current of the power battery.

- Monitoring information of tire pressure

It displays monitoring information of tire pressure. It will real-time display present pressure of tire under normal mode.

- Temperature of motor core and high temperature warning

It displays the highest and lowest temperature of the motor core.

Before You Drive

Individual journey (TRIP)

Displaying the distance travelled after the last setting.

Individual journey reset:

Short press (2) (less than 1 sec) to clear the current displayed individual journey. The clear times are not limited.

Total distance (ODO)

Displaying total distance travelled.

Note: *The total distance can not be cleared.*

Alarm information interface

Prompt alarm interface

- Lane Change Assist On
- Lane Change Assist Off

Note: *The above interface is the prompt interface with an audible reminder, which will disappear automatically after 2 seconds.*

Maintenance alarm interface

- Maintenance approaching, please maintain your vehicle as soon as possible
- Maintenance overdue, please maintain your vehicle immediately

Fatigue driving alarm interface

- Please take a break!

- Extended period of driving, please take a break!

Other alarm interfaces

- Vehicle Over-speed
- Drive Motor Running
- Brake pedal not depressed alarm
- Drive Motor Over-speed
- Power Battery Fire Alarm, Please Stop & Check
- Power Battery Low Temperature, Can't Charge
- High Temperature of Battery Pack, Please Stop

Before You Drive

Display brightness adjustments

When the ignition switch is turned to position 'ON', and the illumination switch is on, press (1) to adjust the backlight brightness (5 degrees) of the display. Press and hold (1) (above >2 sec) to make it gradually dimmed and return to the highest brightness when lowest is reached.

Note: *The lowest brightness is dark.*

Warning lights and indicators

Warning light and indicators are located at the instrument cluster.

1

Direction indicator



During steering, the GREEN Turn Signal Indicator Lamp at left or right side flashes.

Note: *If a direction indicator flashes rapidly, it indicates that the bulb in this external direction indicator does not lit. Both lamps will flash when the hazard warning switch is turned on.*

Headlamp main beam indicator



The BLUE headlamp warning light will glow when the headlamps are on main beam or flash on.

Front fog light indicator



This GREEN light illuminates whenever the front fog lights are on.

Rear fog light indicator



This AMBER light illuminates whenever the rear fog lights are on.

Before You Drive

Position lamp indicator



The GREEN Position Lamp Indicator will come on when position lamp illuminates.

TPMS warning light



When the ignition switch is turned to position 'ON', the AMBER TPMS Warning Light will come on for several seconds after the successful establishment of communication between the instrument cluster and the TPMS. When there is a malfunction in the system, the AMBER TPMS Warning Light will come on. You should contact our Service Dealer for repair as soon as possible.

Air bag warning light



As a system check, the RED Air Bag Warning Light will flash for several seconds when the ignition switch is turned to position 'ON'.

If the light fails to come on or flash, or fails to go out, or if it comes on or flash while driving, it means that there is a malfunction in the system. You should contact our Service Dealer for repair as soon as possible.

For further information on the air bags, see "Air bag(s)".

Seat belt warning light



The RED seat belt warning light will come on when the ignition switch is turned to position 'ON' and when the driver's seat belt is incorrectly fastened. When the vehicle speed exceeds 5km/h, the audible warning of seat belt not fastened will also sound. The RED seat belt warning light will go out and the audible warning will extinguish when the seat belt is correctly fastened.

Brake system warning light



The RED brake system warning light will come on when the ignition switch is turned to the position 'ON' and will go out after several seconds.

If the "braking system warning lamp (red)" is still lit, or it is lit again when running, it means that the liquid level of braking fluid is low or vacuum pump has fault, the vehicle shall be immediately parked and overhauled by contacting Service Dealer as soon as possible. If the light fails to go out when the handbrake is released, there is a fault with the brake system. You should stop the vehicle and contact our Service Dealer immediately.

ABS (Anti-lock Braking System) warning light



The AMBER ABS warning light will come on when the ignition switch is turned to the position 'ON', and will go out after several seconds.

If the ABS warning light fails to go out or illuminates again while driving, there is a fault in the ABS. You should contact our Service Dealer immediately.

Note: The brake system can be used even if ABS is faulty (ABS failure). See "Brake system" for important information about ABS.

EBD (Electronic Brake Distribution) warning light



The RED EBD warning light will come on when the ignition switch is turned to position 'ON' and will go out after several seconds.

If the EBD warning light fails to extinguish, or illuminates again while driving, there is a serious fault in the braking system since faults are easily to occur when braking. You should contact our Service Dealer immediately.

ESP (Electronic Stability Program) indicator



With ignition switch turned into ON position, ESP indicator (yellow) lights on for 3 seconds while the system performs self diagnosis.

ESP indicator (yellow) flashes when ESP working normally during driving.

ESP indicator (yellow) lights on when ESP failed, for which an authorized service provider shall be contacted for repair. For more information about ESP, please see important ESP information in "Starting and driving - Braking system".

ESP (Electronic Stability Program) OFF indicator



With ignition switch turned into ON position, ESP OFF indicator (yellow) lights on for 3 seconds while the system performs self diagnosis.

ESP OFF indicator (yellow) lights on when ESP function turned off by pressing down ESP OFF switch.

Electrical parking indicator lamp



When the ignition switch is adjusted to the position of 'ON', the "Electrical parking indicator lamp (red)" is lit and will go out after the electrical parking switch is released.

Before You Drive

Electrical parking fault light



When the ignition switch is adjusted to the position of 'ON', the "Electrical parking fault light (yellow)" is lit. If the warning lamp does not go out or it is lit again when running, it means that the electrical park system has fault.

Battery no-charge warning light



The RED battery no-charge warning light will come on when the ignition switch is turned to position 'ON' and will go out when the vehicle is started.

Vehicle ready indicator lamp



This lamp is used to indicate that the vehicle is ready for running. After the vehicle is started, "READY Indicator lamp (green)" will be lit and will not go out in the running process.

Caution

Before "READY Indicator lamp (green)" on the instrument cluster, switch of A/C air conditioning will be pressed, and air condition compressor will not work. Before "READY Indicator lamp (green)" on the instrument cluster, control knob of air blower will not be started and the headlamp and radio can not be used for long time, as it will cause risk that the vehicle cannot be started.

Charging connection indicator lamp



After charging handle is connected to charging interface, the "Charging connection indicator lamp (red)" will be lit.

Charging status indicator lamp



When the high-voltage battery pack is being charged, the "Charging status indicator lamp (yellow)" will flash. When the high-voltage battery pack has been charged, this indicator lamp will go out.

Note: If the "Charging status indicator lamp (yellow)" is lit, it means that battery temperature is too low and it cannot be charged. You shall contact the Service Dealer for overhauling.

Power system fault warning lamp



When the ignition switch is adjusted to the position of 'ON', the "Power system fault warning lamp (red)" is lit, the system will conduct self-check and it will go out several seconds later. When the power system breaks down, this lamp will be lit. You shall contact the Service Dealer for overhauling.

High temperature warning lamp of drive motor



When the ignition switch is adjusted to the position of 'ON', the “High temperature warning lamp of drive motor (red)” will be lit, the system will conduct self-check and it will go out several seconds later. When the temperature of the drive motor is high, this lamp will be lit, and you shall contact the Service Dealer for overhauling.

Low power SOC warning lamp of high voltage battery pack



When the ignition switch is adjusted to the position of 'ON', the “Low power SOC warning lamp of high voltage battery pack (red)” will be lit, the system will conduct self-check and it will go out several seconds later. If the warning lamp does not go out, or it is lit again when running, it means that electric quantity of high voltage battery pack is too low and it need be charged as soon as possible. You shall supplement electric quantity before lighting this lamp.

Note: If the warning lamp is lit, it means that speed limit function of the vehicle has been started. Vehicle speed will be reduced with decrease of electric quantity of the battery until it is stop.

Electric power steering fault warning lamp



When the ignition switch is adjusted to the position of 'ON', the “Electric power steering fault warning lamp (red)” is lit, the system will conduct self-check and it will go out several seconds later. If the warning lamp does not go out, or it is lit again when running, it means that electric power steering system has fault and you shall contact the Service Dealer for overhauling as soon as possible. Please see “Electro-Hydraulic Power Steering”.

High-voltage battery pack cutoff warning lamp



When the ignition switch is adjusted to the position of 'ON', the “High-voltage battery pack cutoff warning lamp (yellow)” will be lit, which means that high-voltage battery pack has been cut off and the lamp will go out after the vehicle is started.

High-voltage battery pack fault warning lamp



When the ignition switch is adjusted to the position of 'ON', the “High-voltage battery pack fault warning lamp (red)” will be lit, the system will conduct self-check and it will go out several seconds later. If the warning lamp does not go out, or it is lit again when running, it means that high-voltage battery pack has fault.

Before You Drive

Door open warning light



The RED door open warning light will illuminate if any door is not fully closed. The RED door open warning light will extinguish after all doors are fully closed.

Power side stepwell indicator



The AMBER power side stepwell indicator will go out when the ignition switch is turned to position 'ON' and when the stepwell is at the minimal retraction position; when the power side stepwell is extending or retracting, the indicator will flash; when the power side stepwell is at the maximum extension position, the indicator will remain on; when the power side stepwell is not at the maximum extension position or the minimum retraction position, the indicator will flash.

Insulation fault warning lamp



When the ignition switch is adjusted to the position of 'ON', the "Insulation fault warning lamp (red)" will be lit, the system will conduct self-check and it will go out several seconds later. If the warning lamp does not go out, or it is lit again when running, it means that it has insulation fault.

Limited Power Indicator

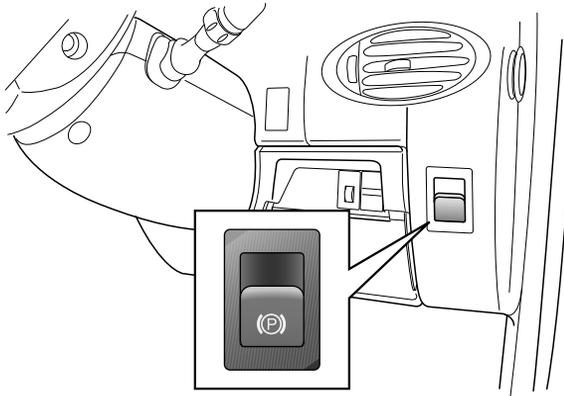


In normal driving state, the "Limited Power Indicator (yellow)" in the instrument cluster keeps off. When the "Limited Power Indicator (yellow)" illuminates, the power of the vehicle will be limited and the acceleration performance will be significantly weakened. Contact the Service Dealer for a check as soon as possible.

Instrument desk switches

Switch of electrical parking brake (EPB)

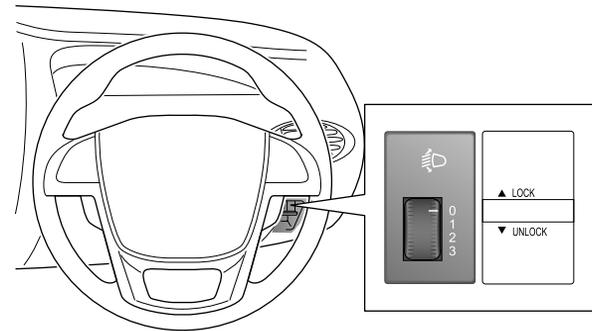
The switch of electrical parking brake system is located at the instrument board at the driver side, namely at the external side of the steering wheel. The electrical parking brake system will be started after pulling up the switch. To release the electrical parking brake system, first connect the ignition switch, depress the brake pedal and then press the electrical parking brake system switch. Please see “Electrical parking brake (EPB)” for more information.



Headlamp leveling switch

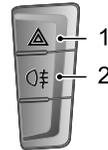
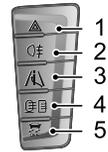
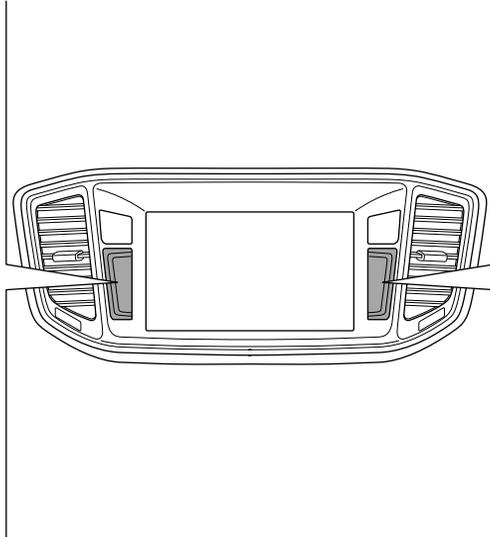
When the dipped beam is on, this thumb-wheel switch allows you to adjust the headlamp beam angle, to compensate for varying vehicle loads and minimize dazzling oncoming traffic.

0 position is the original position. As the vehicle loads increase, adjust the illuminating height according to the sequence of 1-2-3.



Before You Drive

Central Panel Switch



- 1 Hazard Warning Lamp Switch
- 2 Rear Fog Lamp Switch
- 3 Lane Change Assist Switch
- 4 Defrost Heater Switch(with rearview mirror and rear window heater)
- 5 ESP OFF Switch
- 6 Defrost Heater Switch(with rear window heater)
- 7 Vehicle Personalization Set Switch
- 8 Main Interface Mode Switch
- 9 USB Music Mode Switch
- 10 Volume Up Control Switch
- 11 Volume Down Control Switch

Before You Drive

1 Hazard Warning Lamp Switch

Press the switch  to activate all the direction indicator lamps simultaneously, and the "Direction Indicator Lamp (green)" on the instrument cluster will illuminate and flash. Press the switch again to turn off the above lamps.

Note: Turn on the hazard warning lamps to inform other road users that your vehicle has a malfunction and approaching may be dangerous.

2 Rear Fog Lamp Switch

Press the switch  to turn on the rear fog lamp, "Rear Fog Lamp Indicator (yellow)" on the information center display will illuminate, meanwhile, the "Rear Fog Lamp Indicator (yellow)" on the switch will also illuminate. Press the switch again to turn off the above lamps.

Note: Only when the ignition switch is placed in "ON" position and the lighting switch in "Headlamp" position (and the front fog lamp switch, if equipped, shall also be placed in "ON" position) can the switch work.

Note: Rear fog lamps shall not be used until the visibility is obviously restricted (such as heavy fog or snow).

3 Lane Change Assist Switch

Press the switch  to turn off the lane change assist system, and the switch indicator goes out.

4 Defrost Heater Switch(with rearview mirror and rear window heater)

Only when the drive motor runs can the defrost heater start to work. Press the switch , the "Heater Indicator (yellow)" on the switch illuminates to indicate that the rearview mirror and rear window heater are turned on; press the switch again to turn them off, and the indicator goes out.

Note: If the switch stays on due to negligence, it will automatically turn off after about 15min.

5 ESP OFF Switch

Press the switch  to turn off the ESP system, and press again to start.

6 Defrost Heater Switch(with rear window heater)

Only when the drive motor runs can the defrost heater start to work. Press the switch , the "Heater Indicator (yellow)" on the switch illuminates to indicate that the rear window heater is turned on; press the switch again to turn it off, and the indicator goes out.

Note: If the switch stays on due to negligence, it will automatically turn off after about 15min.

7 Vehicle Personalization Set Switch

Press CAR to check the vehicle personalization setting function.

Before You Drive

8 Main Interface Mode Switch

Press HOME to return to the entertainment system homepage; long press HOME for 3 seconds to enter the DO NOT DISTURB mode; long press the entertainment system for 10 seconds to restart.

9 USB Music Mode Switch

After inserting the USB drive, press MUSIC to enter the Music Play Mode.

10 Volume Up Control Switch

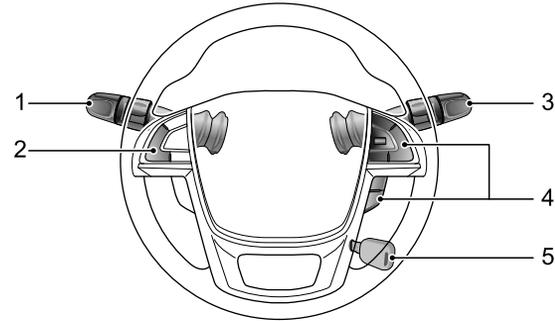
Press VOL+ to increase the volume.

11 Volume Down Control Switch

Press VOL- to decrease the volume.

Note: *The switch type mentioned above shall be subject to the actual configuration of the vehicle you purchased.*

Switches on Steering column and Steering Wheel



- 1 Lighting and direction indicator lever switches
- 2 Horn
- 3 Wiper and washer lever switches
- 4 Horn, volume control, mute, audio source and Bluetooth phone switch
- 5 Ignition switch and steering lock

Before You Drive

Ignition switch and steering lock

When the key is removed, the steering lock will be activated and prevent the steering wheel from being turned.



To remove the key from the ignition switch, turn it anticlockwise to position 'ACC'. Then press the key in towards the ignition switch and continue to turn anticlockwise to position 'LOCK'. The key can now be removed.

Note: *If the key is not removed from the ignition switch, an audible warning will sound when the driver's door is opened.*

For further information about ignition switch positions, see "Ignition switch".

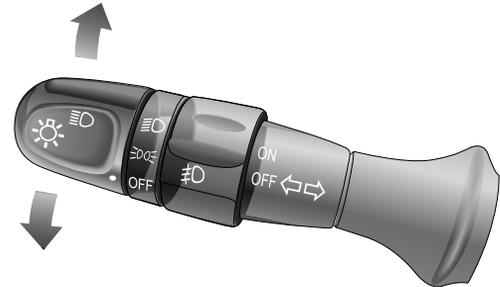
Lighting and direction indicator lever switches

Direction lights and indicators

Right turn — push the lever switch upward.

Left turn — pull the lever switch downward.

The appropriate GREEN light on the instrument cluster will flash in time with the indicator lights.



1

Before You Drive

Main lighting

Rotate the switch to the desired position.

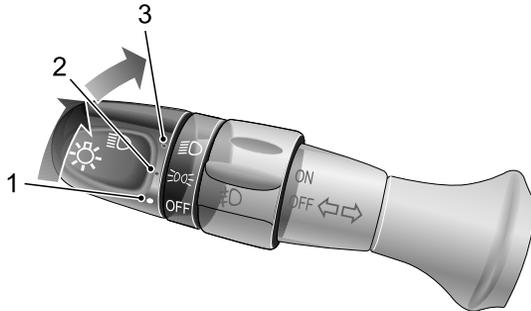
Position 1 — Off

Position 2 — position lamp, number plate light and instrument cluster illumination

Position 3 — Headlamp

Note: Headlamps will only operate when the ignition switch is in position 'ON'. If headlamps are on when the vehicle is parked, the battery will discharge and the vehicle may be unable to restart due to battery lack of power.

Note: A tone will sound if the headlamp switch is on when the ignition switch is turned to position 'LOCK' or when the key is removed.

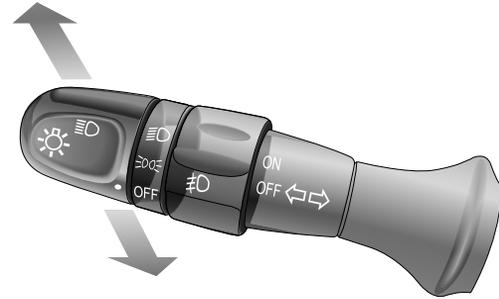


Headlamp main and Dipped beams

Push the lever switch away from the steering wheel to change the headlamps from dip to main beam. Pull the lever switch towards the steering wheel to return to the dip beam position.

Note: The **BLUE** headlamp main beam indicator on the instrument cluster will illuminate when the headlamps are on main beam.

To flash the headlamps, slightly lift the lever switch towards the steering wheel.



Before You Drive

Front fog lights

Note: Suitable for models equipped with front fog lights.

Rotate to the 'ON' position to turn the lights on. The GREEN front fog lights on the instrument cluster will illuminate when the front fog lights are on. Rotate the switch to 'OFF' to turn the lights off.

Note: The front fog lights will operate only when the position lamps or headlamps are on.

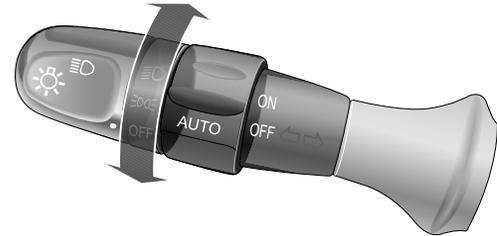


Automatic headlamp switch

Note: Suitable for models equipped with automatic headlamp switch.

Rotate to the 'ON' position to turn on the automatic headlamp switch; The headlamp will turn on automatically when the light is dim during the driving, and will automatically turn off when the light begins to brighten.

Rotate to the 'OFF' position to turn off the automatic headlamp switch, then the headlamp needs to be turned on or off manually at this time.



1

Before You Drive

Wiper and washer lever switches

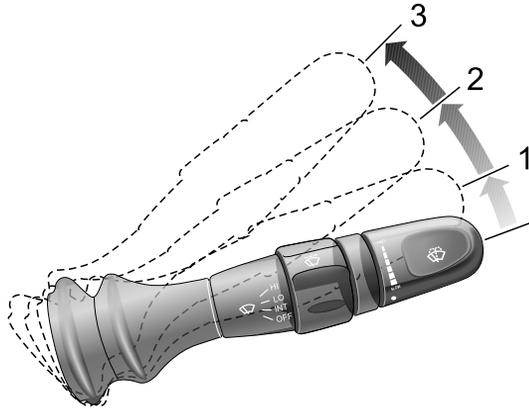
Wipers

Move the lever switch to the desired position.

Position 1 'INT' — Intermittent wipe.

Position 2 'LO' — Normal speed wipe.

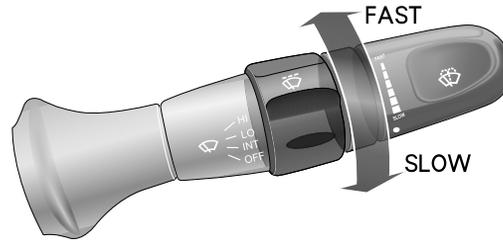
Position 3 'HI' — Fast speed wipe.



Intermittent wipe/variable delay

⚠️ Worn wiper blades may not clear the windscreen properly, thus reducing forward visibility and be the cause of an accident. Always renew worn wiper blades immediately.

Rotate the switch to vary the delay between wipes when the lever switch is in the 'INT' position.



Caution

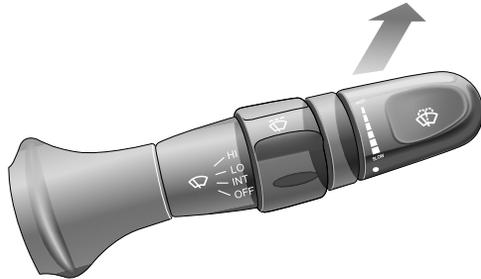
In freezing or very hot conditions, to prevent damage to the wipers, ensure the blades are not frozen or otherwise adhering to the glass, and clear the screen of obstructions such as snow. Do not operate wipers when windscreen is dry. It can scratch the glass, cause the blades to wear prematurely and obscure vision.

Before You Drive

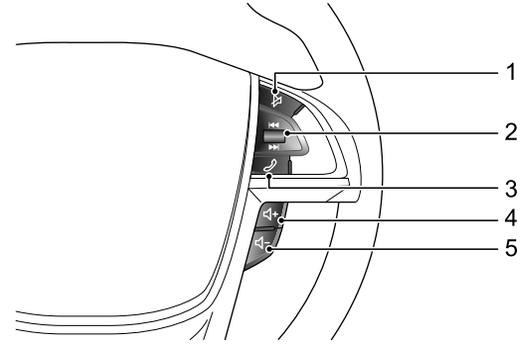
Washers

Pull the lever switch towards the steering wheel. The washer will operate immediately. After a short interval, the wiper will operate with the washer. The washer will be off when the lever switch is released.

Note: The wipers will continue to operate for 3 wipes after the lever switch is released.



Volume control, mute, audio source and Bluetooth phone switch



Position 1 —  : Mute switch.

Position 2 — Audio source and control thumbwheel switch upwards or downwards.

- SRC : Audio source switch. Repeat pressing this button to change playback mode. The system will cycle among the following options: radio, music, etc.
- Control the thumbwheel knob upwards or downwards: Move the thumbwheel upwards to select the previous preset station or previous CD/MP3 track; move the thumbwheel downwards to select the next preset station or next CD/MP3 track.

Position 3 —  : Bluetooth phone switch. This button is the phone answering switch when Bluetooth is connected. In the general calling state: In case of an incoming call, short press

Before You Drive

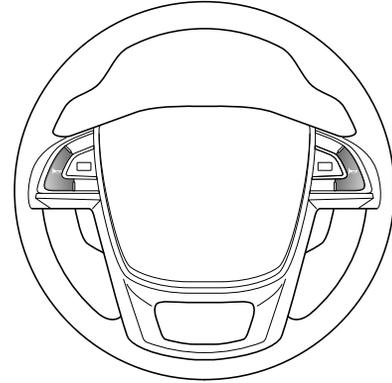
this button to answer; long press this button to hang up; during a call, short press this button to hang up. In the call waiting state: Short press this button to hang up the call waiting; long press this button to answer the call waiting.

Position 4 —  : Volume up control switch.

Position 5 —  : Volume down control switch.

Horn

The horn can operate when the button is pressed, regardless of the ignition switch position.



HVAC

The air conditioning system cools the air and removes moisture and dust e.g. pollen.

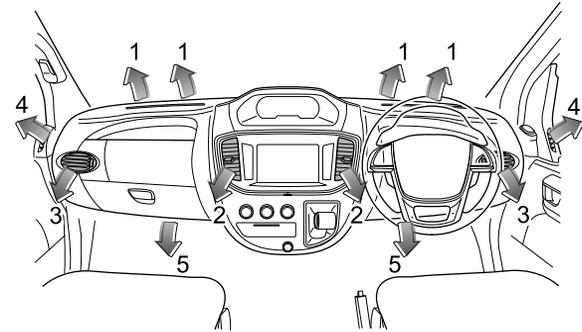
Heating system will use electronic heater. The gear of the heater will be controlled via the throttle.

The ventilation system ensures the interior ventilation when the vehicle is moving.

The air quantity at the vents is regulated by the front and rear blower control switches.

HVAC is used to control the interior cooling, heating and ventilation. The fresh air enters the vehicle through the front window inlet grille via the AC filter. The inlet grille should keep clean, without obstructions like leaves, snow or ice.

Front ventilation



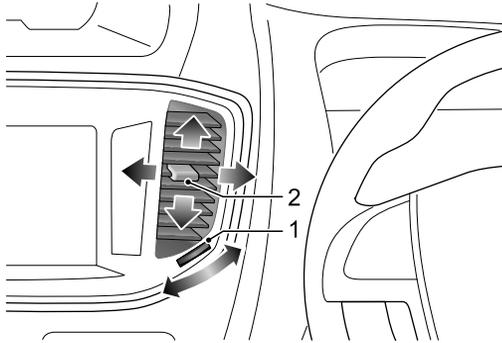
- 1 Front windscreen vents
- 2 Center vents
- 3 Side vents
- 4 Front window vents
- 5 Front footwell vents

Before You Drive

Centre ventilation vents

Rotate the thumb-wheel (1) to adjust the air quantity at the vents.

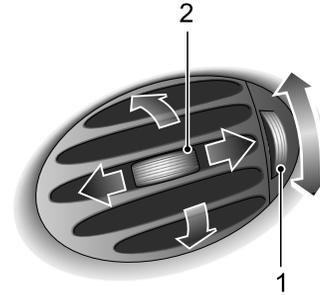
The direction of air flow can be changed by moving the plate (2) in the center of the grille upward, downward, leftward and rightward.



Side vents

Rotate the thumb-wheel (1) to adjust the air quantity at the vents.

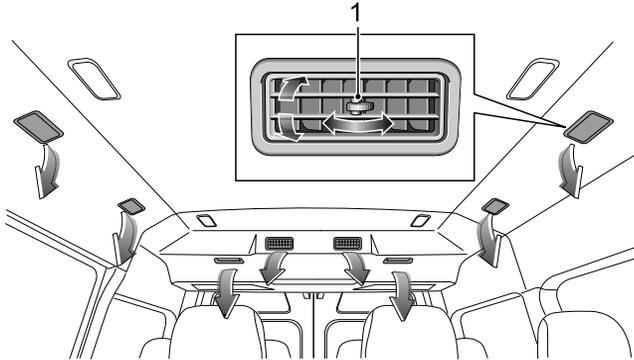
The direction of air flow can be changed by revolving the grille upward and downward, and moving the slider (2) in the center of the grille.



Before You Drive

Rear ventilation

The direction of the air flow can be changed by revolving the grille or moving the plate (1) in the center of the grille.



Front air condition and heating control switches



- 1 A/C switch/air direction knob
- 2 Front blower control knob
- 3 Recirculation switch/Temperature control knob

Caution

Before "READY Indicator lamp (green)" on the instrument is lit, switch of A/C air conditioning will be pressed, and air condition compressor will not work. Before "READY indicator lamp (green)" is lit, the control knob of the air blower cannot be opened as it will cause risk that the vehicle cannot be started.

Before You Drive

Air conditioning switch

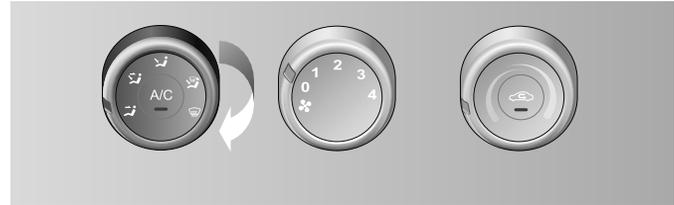


Start the vehicle and turn the front blower control knob to the desired position and press the A/C switch. The indicator on the switch will illuminate, indicating that air conditioning system has been turned on.

Press the A/C switch again to turn the system off.

Note: *The front blower control knob must be turned to '0' position or higher before pressing the A/C switch. If the front blower control knob remains on the '0' position, the A/C switch will flash three times after it is pressed.*

Air direction knob



Rotate the air direction knob to following icons to select the air distribution modes.



Air to the face. Air from the center and side vents.



Air to the face and foot. Air from the center and side vents, and from the front footwell vents.



Air to the foot. Air mainly from the front footwell vents, and a small amount from the front windshield and side vents.



Air to the foot and front windshield. Air from the front windshield and front window vents, and front footwell vents.



Air to front windshield. Air from the front windshield vents and front window vents.

Before You Drive

Front blower control knob



Turn the control knob clockwise and select any position in all four positions to adjust the air quantity at the front vents.

Switch off the blower by turning the control knob fully anticlockwise.

Recirculation switch

! Only use the recirculation mode for short periods of time. Prolonged operation could cause the interior air to become stuffy and induce drowsiness, and the windows may mist over.



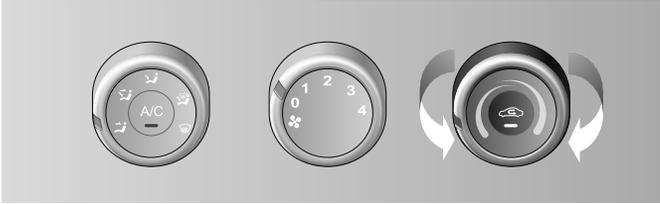
The indicator on the switch will illuminate when the recirculation switch is pressed, indicating that the interior recirculation is started. Press the switch again to start the exterior recirculation. The interior recirculation can also be used if you require a quick warm-up or cool-down of the interior air.

If the air direction knob is turned to  or , the exterior recirculation is default selected with the recirculation switch and the interior recirculation is selected on other modes.

Note: After a period of interior recirculation (apprx. 2 hours), the system will automatically switch to the exterior recirculation for another 1 minute.

Before You Drive

Temperature control knob



Rotate clockwise with the red arrow: temperature increases.

Rotate anti-clockwise with the blue arrow: temperature decreases.

Temperature control knob can control heater gear that is divided three gears:

- When the indicator of the knob is adjusted to the position of 45 degrees, first gear of the heater will be started.
- When the indicator of the knob is adjusted to the position of 90 degrees, second gear of the heater will be started.
- When the indicator of the knob is adjusted to the position of 135 degrees, third gear of the heater will be started.

Front air conditioning and heating

Maximum cooling

During hot weather, or when the vehicle has been standing in the sun for a lengthy period, the maximum cooling mode can be selected. Open a window briefly so that warm air can escape rapidly.

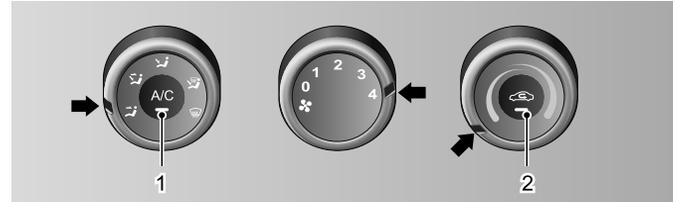
A/C switch: ON, indicator 1 ON

Recirculation switch: ON, indicator 2 ON

Air direction knob : 

Temperature control knob: Turn fully anti-clockwise (blue)

Front blower control knob: Speed 4 (maximum speed)



Before You Drive

Normal cooling

During inter-urban and motorway driving, the normal cooling can be selected.

A/C switch: ON, indicator 1 ON

Recirculation switch: OFF

Air direction knob:  or 

Temperature control knob: Turn to desired position in blue sector

Front blower control knob: As required

Air to the face and foot

The 'Air to the face and foot' mode can be used during transitional periods, e.g. low outside temperature and little sunshine. Cooler and warmer air will be directed from the center and side vents and front footwell vents, when the temperature control knob is adjusted between cold (blue) and hot (red).

A/C switch: OFF

Recirculation switch: OFF

Air direction knob: 

Temperature control knob: Between cold (blue) and hot (red)

Front blower control knob: As required

Ventilation

Outside air is directed through the centre and side vents.

A/C switch: OFF

Recirculation switch: OFF

Air direction knob:  or 

Temperature control knob: Turn to desired position in blue sector

Front blower control knob: As required

Before You Drive

Maximum heating

! Do not use 'Maximum Heating' for long periods of time; it may cause the interior air to become contaminated and the windows to mist over. If that happens, turn the recirculation switch off immediately.

A/C switch: OFF

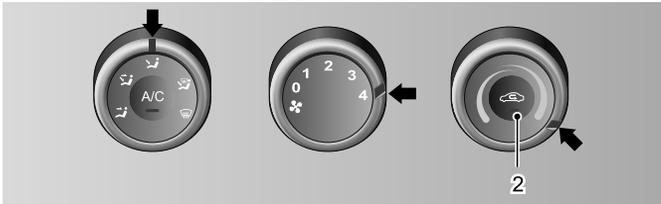
Recirculation switch: ON, indicator 2 ON

Air direction knob: 

Temperature control knob: Turn fully clockwise (red)

Front blower control knob: Speed 4

Use 'Maximum Heating' only for quick heating; change to 'Normal Heating' mode as soon as possible.



Normal heating

A/C switch: OFF

Recirculation switch: OFF

Air direction knob:  or 

Temperature control knob: Turn to desired position in red sector

Front blower control knob: As required

De-misting/De-frosting

! Do not use the  or  position during cool operation in extremely humid weather. Or the difference between the temperatures of the outside air and the windscreen may cause the inside of the windscreen to mist over.

A/C switch: ON

Note: Turn on the air conditioning to improve de-misting efficiency.

Recirculation switch: ON

Air direction knob:  or 

Temperature control knob: Turn to desired position in blue sector

Front blower air control knob: As required

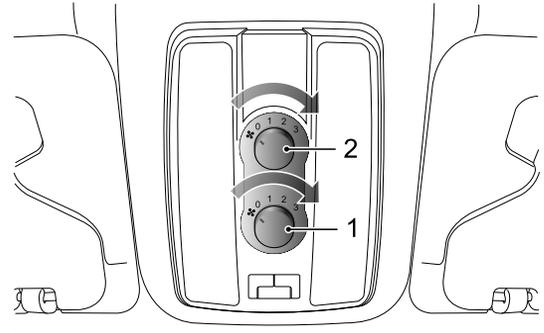
Rear air conditioning and heating

Rear air conditioning and heating is controlled by rear air conditioning and heating blower control knob. This switch is located at the center of the cab front roof. Turn the rear air conditioning and heating blower control knob clockwise to switch on the blower.

The rear control knob of the air blower will control rear air condition compressor. When the knob is adjusted to gear '0', the system will send working starting signal of the air condition compressor.

The rear control knob of the heating air blower will control the gear of the heater. It is divided into two gears: the knob is adjusted to gears '1' or '2' and the gear '1' of the heater will be started; when the knob is adjusted to gear '3', the heater will be adjusted to the gear '2'.

Note: Before the use of rear air conditioning, turn on the air conditioning switch. If the rear air conditioning blower control knob is turned to position '0', the blower will be shut off.



- 1 Rear air conditioning blower control knob
- 2 Rear heating blower control knob

Air conditioning operating tips

- If the vehicle has been parked in direct sunlight, open the windows before operating.
- To clear misted windows on rainy days, decrease the humidity inside the vehicle by operating the air conditioning. This is most effective during rainy weather and high humidity.
- Insufficient cooling may occur when driving in urban stop/start conditions.

Before You Drive

Rear view mirrors

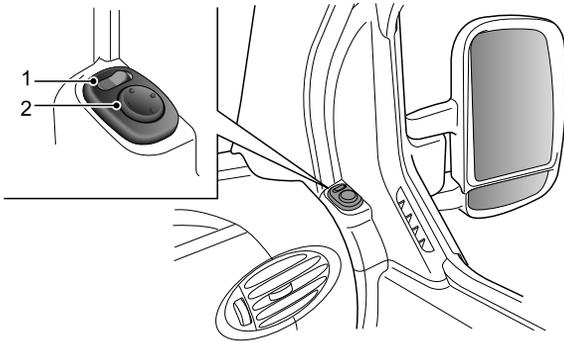
The external rear view mirror glasses are convex shaped to broaden the field of view: this makes objects appear smaller and further away than they really are.

Caution

Always check all mirrors for cleanliness and positioning before driving; clean and adjust if necessary.

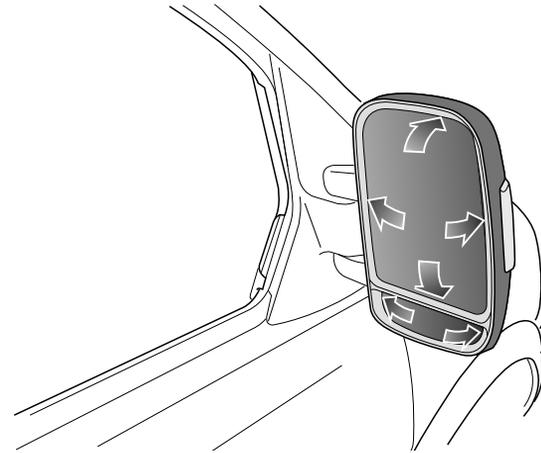
Outside rear view mirrors - power adjustment

Press the left or right hand side of the rocker switch (1) to select the mirror to be adjusted. Press the appropriate side of the round switch (2) to tilt the mirror up/down/left/right to the required position. Return the rocker switch (1) to the central position.



Outside rear view mirrors - manual adjustment

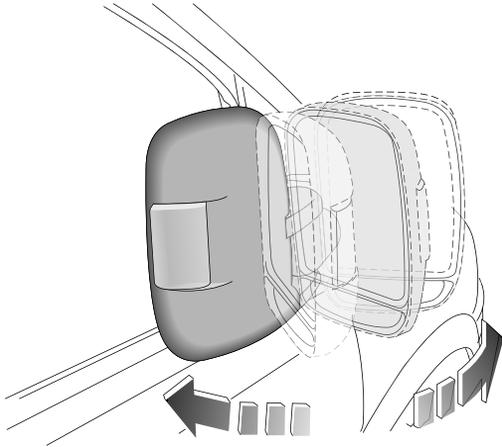
Use hands to move the mirror directly to the desired angle as required.



Before You Drive

Foldable rear view mirrors

To protect the safety of pedestrians, the outside rear view mirrors will rotate to two sides from the normal installation position when suffering a strong impact. They can be returned by applying a small amount of force on the rear view mirror frame.

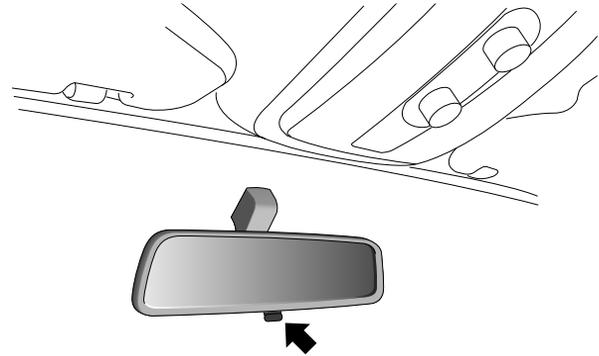


Interior mirror

Adjust the mirror to give the desired rearward view.

Operate the lever at the bottom of the mirror to reduce reflected glare from following vehicles at night.

1

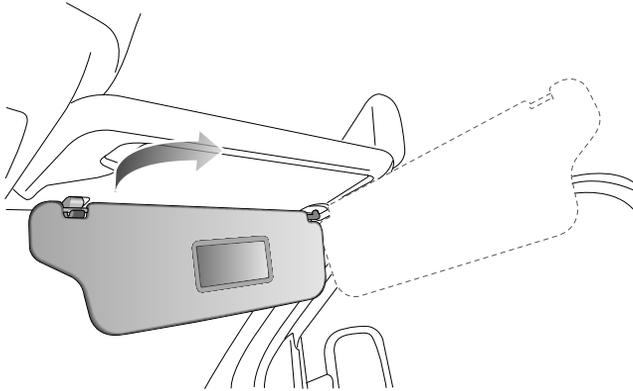


Before You Drive

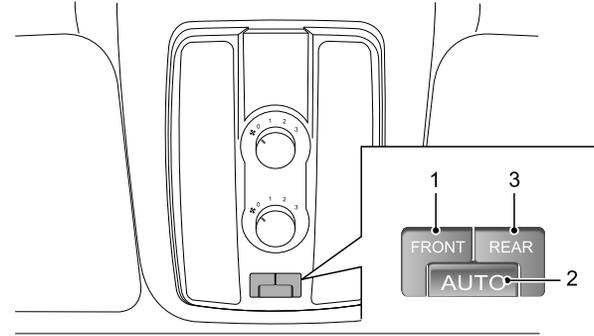
Internal equipments

Sun visors

Both sun visors can be swung up and down to provide a shield through the windscreen. In addition they can be pivoted as illustrated to shield through the side windows.



Roof vanity light



Front roof vanity light

Manual operation

Press button (1) to turn on the front roof vanity light. Press the button again to turn off the front roof vanity light.

Automatic operation

Press button (2) to enter 'Automatic ON' mode. The front roof vanity light will illuminate when any of driver's door, front occupant door or side load door is opened. The front roof vanity light will go out automatically after approx. 30 seconds the door is closed.

Press button (2) again to turn off the 'Automatic ON' mode (manual operations are still available).

Before You Drive

Note: The front roof vanity light will go out automatically after approx. 15 minutes if any of driver's door, front occupant door or side load door is opened to avoid battery lack of power.

Rear roof vanity light



Manual operation

Press button (3) to turn on the rear roof vanity light. Press the button again to turn off the rear roof vanity light.

Automatic operation

Press button (2) to enter 'Automatic ON' mode. The rear roof vanity light will illuminate when any door is opened. The rear roof vanity light will go out automatically after 30 seconds the door is closed.

Note: The rear roof vanity light will go out automatically after approx. 15 minutes any door is opened to avoid battery lack of power.

Cigarette lighter



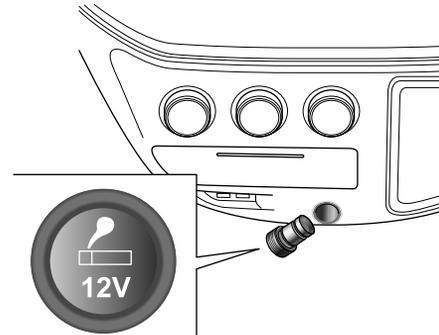
Never hold the lighter in as this will result in damage.

Do not plug any accessory into the lighter socket.

Always remove the lighter as a precaution when children are left alone in the vehicle.

Always hold the lighter by the knob when in use; the barrel will be hot and could cause burns.

To operate, press the cigarette lighter knob fully in and release. When heated, the knob will partially eject automatically and can be withdrawn for use.

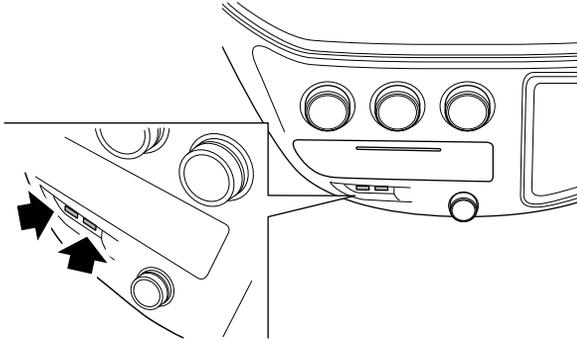


Before You Drive

USB ports

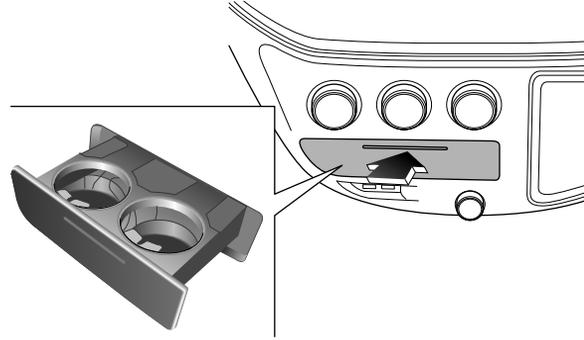
The USB ports are located at lower middle of the instrument panel, which support the audio/video playing, picture browsing, charging and mobile phone interconnection.

Note: Functions supported by the USB port may vary with the configuration of on-board entertainment system, please refer to the actual functional configuration of the vehicle.



Cup holder

To open, push and release the cup holder to unlock it; then pull out to its full extent. To stow, press the cup holder gently in until it locks.



Before You Drive

Ash tray

! Ashtray is a fire risk. Putting lit cigarettes or matches in an ashtray with combustible material can cause a fire. Do not use the ashtray as a waste receptacle.

The ashtray of the vehicle is located in glove box. The ashtray can be open by opening the ashtray cover.

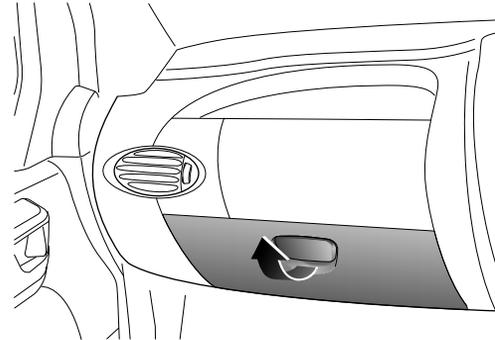


Glove box

! Do not stow sharp, heavy or dangerous objects in the glove box on the occupant side.

Driving with the glove box open can cause injury in the event of an accident or sudden stop. Keep the glove box closed when driving.

Lift the flap handle to open the box. Close it with a firm push.



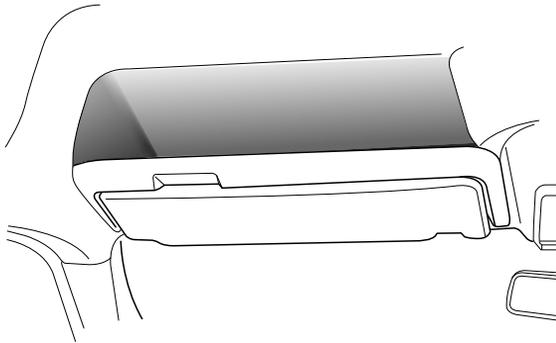
Before You Drive

Overhead stowage

! The storage bin is used to store papers or other light objects only. Do not put sharp, dangerous or heavy objects in the overhead stowage bins. They could become dislodged and fall on the driver or passengers and cause injury.

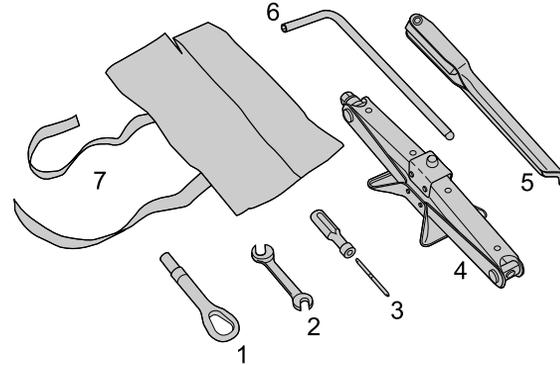
For middle and high roof vehicles, two open overhead bins are provided for the stowage of light items.

Note: For low roof vehicles, this feature is not equipped.



Driver's tools

Driver's tool package is located at the under of the driver's seat.



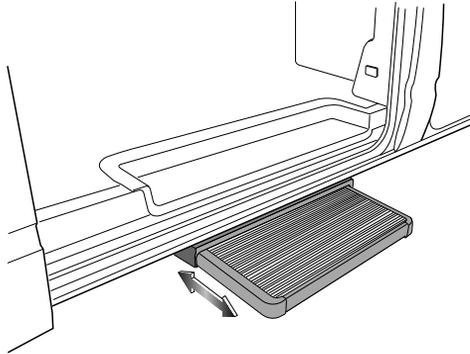
- 1 Front towing eye
- 2 Wrench (8 × 10)
- 3 Screwdriver(+, -)
- 4 Jack
- 5 Wheel bolts/Socket wrench
- 6 Socket head wrench
- 7 Driver's tool package

Before You Drive

Power side stepwell

The power side stepwell will be extended automatically when the side load door is opened and the drive's door is unlocked.

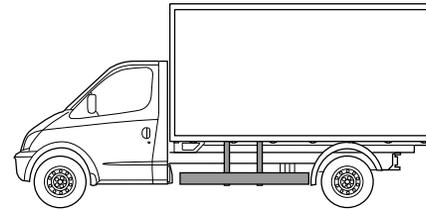
The power side stepwell will be retracted automatically when the side load door is closed or the drive's door is locked.



Protective device

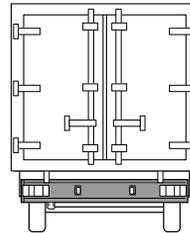
Lateral protective device

Lateral protective device employs Q235 steel and bolt connection. The cross section is groove shaped, 160mm high, 20mm deep and 410mm distant from the ground.



Rear under-run protective device

Rear under-run protective device employs DC01 steel and bolt connection. The cross section is groove shaped, 252mm high, 118 mm deep and 489mm distant from the ground.

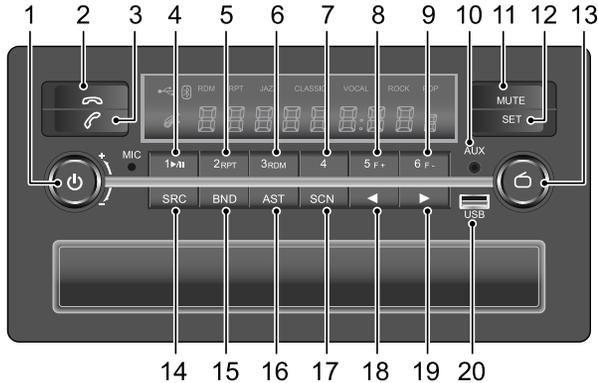


1

Before You Drive

MP3+Audio

Description of Panel Functions



- 1 PWR/VOL Short press to turn the unit on/off Volume Knob (rotate left to decrease; rotate right to increase)
- 2 Hang up the incoming bluetooth call (short press)
Switch off bluetooth display (long press)
- 3 Answer the incoming bluetooth call (short press)
Redial the last number called (long press)
- 4 Preset Button 1/ Pause Button
- 5 Preset Button 2/ Repeat Button
- 6 Preset Button 3/ Random Button
- 7 Preset Button 4
- 8 Preset Button 5/ Next Directory (USB mode)
- 9 Preset Button 6/ Previous Directory (USB mode)
- 10 Audio Input Interface
- 11 Short press to switch between MUTE ON (turn on the sound of unit) and MUTE OFF (turn off the sound of unit)
- 12 Enter EQ setting (short press)
Enter Country/Region interface (long press)
- 13 TUN/AUD: Manual Radio Frequency Adjustment
- 14 Audio Source Selection (TUNER -> AUX -> BT LINK -> USB1 -> USB2 -> TUNER)
- 15 Radio Band Selection
- 16 Radio mode: Auto Save Station (short press)
- 17 Radio mode: Radio Station Browse (short press)
USB mode: Track Browse (short press)
- 18 Radio mode: Search radio stations at lower frequency (short press)
Bluetooth playback mode: Switch to the previous track (short press)
USB mode: Select previous track (short press)
- 19 Radio mode: Search radio stations at higher frequency (short press)
Bluetooth playback mode: Switch to the next track (short press)
USB mode: Select the next track (short press)
- 20 USB port

Audio adjustment

Power On/Off

With the ignition switch in "ACC" or "ON" position, short press the button  to turn the unit on, and short press the button  again to turn the unit off.

Clock settings and display

Short press the SET button to adjust among such functions as BASS, TRE, BRL, FRD, EQ. Rotate the PWR/VOL knob to adjust the volume of the sound.

In CLOCK state, short press the SET button, and the Hour or Minute field begins to blink; short press the button to set the time, then the clock begins to run from the set time.

Volume

Rotate the PWR/VOL knob to adjust the volume. For safety reasons, please choose the proper volume to ensure that you can still hear the external traffic signal sound (whistle, police whistle, etc.). The volume output is 0 ~ 30.

Audio/EQ mode adjustment

Short press the SET button to enter the EQ Setting mode, and rotate the PWR/VOL knob to set; after setting, short press the SET button again to enter the next setting mode.

- Enter the EQ mode BASS-TRE to select the preset EQ type. The display will show the selected EQ after the selection, for example JAZZ.
- In BASS Settings, rotate the PWR/VOL knob to adjust the Bass effect; adjusting range: BASS-7, ..., 0, ..., BASS+7.
- In TREBLE Settings, rotate the PWR/VOL knob to adjust the TREBLE effect; adjusting range: TREB-7, ..., 0, ..., TREB+7.
- In BAL Settings, rotate the PWR/VOL knob to adjust the volume balance between left and right speakers; adjusting range: L7,..., 0, ..., R7.
- In FADER Settings, rotate the PWR/VOL knob to adjust the volume control of front and rear speakers; adjusting range: F7, ..., 0, ..., R7.

In the digital adjustment mode, the default value is 0. The display automatically returns to the last operating mode after about 10 seconds.

Before You Drive

National system adjustment

Long press the SET button, and the national systems will be shown on the display. Rotate the PWR/VOL knob to select from different national systems, and such systems as AUS, USA, CHINA, THAILAND, AMERICA may be selected according to different national frequencies. When different national systems are selected, the frequency and time will be updated synchronously.

Setting exit logic

Long press the SET button to enter "Country/Region" interface. After the radio reception region is selected, if there is no other button pressed in 9 seconds, the system will automatically confirm and make related settings to enter the normal display mode. If you adjust to other interfaces before the automatic confirmation, this adjustment for the region setting will be invalid (stay the same).

Radio reception

Band

Press the BND button to select the desired band. The band can be switched among FM1, FM2, FM3, AM1 and AM2, and the system will display the selected band.



Automatic station search

Short press the ◀ button to tune to stations at lower frequency.

Short press the ▶ button to tune to stations at higher frequency.

Auto Save Station (AST)

You can save 6 FM stations with the strongest signal in FM AST band, or save 6 AM stations with the strongest signal in AM AST band. When using the AST function, the previous stations saved in FM AST band or AM AST band will be overwritten.

Short press the AST to enter the Auto Save Station state. The stations are saved to the preset buttons 1 ~ 6. When there are more than 6 stations, they will be saved to FM2.

The saved stations may be less than 6 when the external radio signal is weak.

Preset stations (1 ~ 6)

Manually save the stations in preset buttons.

6 stations can be saved in each band by using preset buttons (1 ~ 6).

- Tune to the desired station
- Press and hold the desired preset button at least 2 seconds, then the current station can be saved to this preset button.

Recall preset stations

Press the desired preset button (1 ~ 6) to recall the preset stations.

Playing in USB mode

This radio has an external USB port to connect your USB drive or portable media player.

File decoding instructions

- Support the audio files with the suffix of *.mp3, *.MP3 or *.WMA.
- Support 2G, 4G, 8G, 16G, 32G USB storage devices.
- Connect with the USB storage devices that are partitioned in FAT16 and FAT32 file system format.
- Supported sampling frequency range: 8k, 16k, 32k, 11.025k, 22.05k, 44.1k, 12k, 24k, 48kHz.
- Supported bit rate: 8k ~ 320kbp, VBR(MP3 PRO).

Device connection

Insert your USB storage device into the standard USB port of the radio, press the SRC button to select the USB mode, then the display shows the word "USB".

Caution

The radio is to be initialized to search for MP3 files as the USB storage device is just connected; the waiting time is ranging from a few seconds to more than 10 seconds, depending on the capacity of the USB storage device and the sizes of its saved files, so do not remove the USB drive hurriedly during this period.

Before You Drive

Play

The display shows the following items during normal playback: EQ mode (if selected), current USB track No., elapsed time.

When all tracks in the previous folder are played, the unit will skip to the first MP3 file in the next folder automatically in order.

Repeat

Press the 2/RPT button when playing to play the current track repeatedly; support single track repeat and folder repeat.

Press the button again to return to the normal playback state.

Random

Press the 3/RDM button when playing to play the tracks in current folder randomly.

Press the button again to return to the normal playback state.

Scan

Short press the SCN button when playing to switch to INT ON state, and the beginning of each track will be played for 10 seconds.

Long press the button again to switch the SCN off, then the normal playback state resumes.

Previous/next track

Short press the ◀ or ▶ button to select the previous track or the next track.

Pause

Short press the 1/⏸ button when playing to pause; short press again to continue playing.

USB directory selection

Press 5/F+ to enter the next Directory (directory no. increases) in the USB drive for playing.

Press 6/F- to enter the previous Directory (directory no. decreases) in the USB drive for playing.

Caution

- The USB1/USB2 port of this unit supports charging of external devices whose voltage falls in the following range (e.g. mobile phone charging). The charging voltage range is 5+/-0.5V; the maximum charging current is 500mA; the charging logic is that charging is supported when RADIO is ON and charging is not supported when RADIO is OFF.
- If your device cannot be recognized or played incorrectly when inserted into the USB port, please remove and insert your USB device again and ensure that the USB port keeps good contact and is not obstructed by abnormal objects, such as dust.

Bluetooth

The Bluetooth connection between the mobile phone and the system must be completed before operating the system. This connection is based on the pairing connection between the mobile phone and the system. The system will store the mobile phone's ID once the pairing connection is established. When the vehicle is started or the system is turned on, it will connect to the mobile phone automatically. After establishing the connection, you can make calls via the on-board audio system and the microphone.

Caution

- The Bluetooth pairing requires your mobile phone supporting HFP (Hands-Free Profile) Bluetooth application protocol. The establishment of Bluetooth connection varies with the mobile phone manufacturers. Refer to the mobile phone's User Guide for more information.
- If your mobile phone is provided with the navigation feature, after the Bluetooth connection is established, the navigation prompt tone for some types of mobile phone can be broadcast via the on-board audio system. This feature needs to be supported by your mobile phone. For the mobile phones that do not support this feature, the navigation prompt tone will be broadcast via the mobile phone.

Caution

- For some types of mobile phone, the touch tone will be transmitted via Bluetooth when the Bluetooth connection is established. If you do not want to hear the mobile phone's touch tone from the car radio, just turn it off.

1

Bluetooth connection

Short press the SRC button to switch to the Bluetooth interface, then the display will show the word "PHONE" for 2 seconds. When the word "BT LINK" is displayed, set your phone to the search mode to find out the Bluetooth name of CAR BT xxxx (the last four or more digits are the serial number of Bluetooth module).

The pairing can be made by clicking the Bluetooth address directly after the Bluetooth module is found. Establish the connection with the mobile phone after the successful pairing. When the Bluetooth connection is established, the radio will display the word "PHONE" for 2.5 seconds, and the Bluetooth module can only be connected to one phone simultaneously.

Answer/reject incoming calls

After the connection is established, when there is an incoming call, the display will show the word "CALL IN" and the incoming call number, accompanied with a ring tone. Short press the Answer button  to answer the call; short press the Hand Up button  to reject.

Before You Drive

Hands-Free/private calls

When the call is connected, the Bluetooth interface box will output the audio to the stereo system in hands-free form and the radio display will show the word "PHONE". Short press the Answer button  to switch between the hands-free and private modes.

Hang up

When the call is connected, short pressing the Hand Up button  can end the current call.

Last number redial and disconnection

Last number redial

After the connection is established, long pressing the Answer button  can redial the last number dialed in the call history.

Disconnection

After the connection is established, long pressing the Hand Up button  can disconnect the connection between the current phone and the on-board Bluetooth. When the connection is disconnected, the display will show the word "PHONE" for 1 second and the Bluetooth icon will be hidden.

Auto reconnection

The connection will be interrupted if the distance between the phone and the vehicle exceeds the distance limit; when the phone gets back to the connection range, the phone will be reconnected with the external Bluetooth module automatically. When the external Bluetooth module is powered on, it will reconnect with the last connected phone automatically.

Before You Drive

"Answer" button

Under this situation...	Short press the Answer button...
External calls	Answer incoming calls
In-call(Hands-free mode)	Enter the private mode
In-call(Private mode)	Enter the hands-free mode

Under this situation...	Long press the Answer button...
Standby(not pairing)	Bluetooth module enters the visible mode
Standby(connection completed)	Dial the last dialed number in the call history

"Hand Up" button

Under this situation...	Short press the Hang Up button...
External calls	Reject the call
In-call(Hands-free/Private mode)	Hang up

Under this situation...	Long press the Hang Up button...
Standby(connected)	Disconnect Bluetooth connection

Note: In the Bluetooth interface, long press the "Hand Up" button  to turn off the Bluetooth. When the Bluetooth icon disappears, the word "PHONE" will appear for 3 seconds, then "BTLINK" will be displayed for 4 seconds, and then the unit time will be displayed. Long pressing the "Answer" button  to turn on the Bluetooth, you will see the Bluetooth icon/PHONE appear synchronously, the word "PHONE" blink for 3 seconds, then "BTLNK" displayed for 4 seconds. The phone connected with the Bluetooth before it is turned off will be connected with the Bluetooth between 3-10 seconds.

Before You Drive

AUX IN interface

The unit reserves a standard audio interface of 3.5mm in diameter; you can connect the audio player with a corresponding audio adapter. When the audio device is connected, press SRC button to select AUX IN mode. In AUX IN mode, you can adjust the music volume with the volume knob.

Reversing beeper volume

When reversing, the entertainment system sound sources will be reduced, and the volume of the sources will be resumed after reversing.

For vehicles with automatic transmission, if the shift lever is in "R" position, the volume of all sound sources will be reduced; if it is shifted out of "R" position, the volume will be resumed.

Before You Drive

General troubleshooting

If you find some features of the car audio are inoperative, please read the operation instructions in this Handbook carefully before sending it for maintenance, and then carry out inspections according to the following table, which contributes to the troubleshooting.

Symptoms	Possible Causes and Solutions
General Conditions	
The unit is inoperative and not displaying	The fuse of unit power supply or vehicle is blown; please ask our Service Dealer to replace it with the fuse of correct type.
The unit is operative, but with no sound or little sound	Volume up; Check the speaker's BAL and FADER settings
The unit body is a little hot	It is normal when the unit is operating.
Radio Reception	
Poor radio reception	The antenna amplifier in the vehicle may be damaged; please ask our Service Dealer to check it. The signal of the desired station is too weak; please tune it manually.
USB Device Playback	
Some audio files cannot be played	Please confirm that it is an MP3/WMA file; this unit does not support audio files in formats other than MP3/WMA.
The volume rises and falls when playing MP3 tracks	The sources of MP3 tracks are extensive and have no unified standard, so the inconsistent volume may be set during the compression of MP3 tracks; please adjust the volume knob by yourself.

Before You Drive

Symptoms	Possible Causes and Solutions
Artist/Track/Title cannot be displayed	This unit does not support the ID3 information display.
The music pauses intermittently during playback	This may be caused by the different compression formats.
Unable to read the tracks in the external hard drive	Confirm that the hard drive has only one partition, as this unit does not support the multiple disk partitions. If two or more disk partitions have been set, such as E and F disks, or more disk partitions, this unit will be unable to read MP3 tracks in these disks. If you want to use it, please combine all disk partitions into one on your computer.
Unable to read the tracks in the storage device	Confirm that this storage device is partitioned in FAT16 or FAT32 format when inquiring on the computer, if not, please reset to the standard required by this unit on the computer.
Unable to read MP3 tracks through USB hub	This unit only supports the adapter with one USB port.
Violent tone/noise	This may be caused by the device used to record the original MP3 files and the noise; please confirm if it is this unit's problem with another player.

Caution

If the fault still exists, take your vehicle to our Service Dealer for repair. Do not disassemble the car audio for repair without authorization.

Starting and Driving

- 86 Before starting and driving
 - 86 Ignition switch
 - 87 Starting / Stopping
 - 88 Driving
 - 89 Shift lever
 - 90 Charging requirement
 - 95 Low speed warning module
 - 96 Electro-Hydraulic Power Steering
 - 97 Brake system
 - 104 Parking assist system
 - 106 Lane change assistance system
 - 109 Tyres
 - 110 Loading
-

Starting and Driving

Before starting and driving

- Ensure that the daily/weekly maintenance checks have been done as detailed in the section 'Maintenance and Service - Owner's check'.
- Check your seating position.
- Check the adjustment of all the rear view mirrors.
- Check that all lights, signaling systems and warning indicators are in working order.
- Check that all occupants have correctly fastened seat belts.

Turn the ignition switch to 'ON' position and check the operation of all warning lights and gauges (see "Warning lights and indicators").

Caution

Be sure you understand your vehicle and its equipment by first reading the section 'Before You Drive'.

Ignition switch



Never remove the key during vehicle driving, otherwise you will not be able to steer the vehicle.

Always remove the key after switching off, particularly if leaving children unattended in the vehicle.

Freewheeling with the ignition switched-off is dangerous as assistance from the brake servo and the power steering is not available under these conditions.

Ignition switch can offer positions below:

LOCK: Ignition switch turned off. The key can only be inserted or removed in this position. After removing the key from 'LOCK' position, ignition switch shall lock steering column to avoid turning the steering wheel.

ACC (unlock): With steering column unlocked, individual electrical device and accessory can work, such as: radio and cigarette lighter etc.

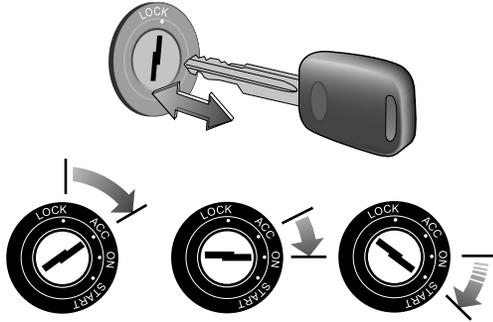
Note: Slight movement of the steering wheel may be necessary to disengage the steering lock.

Note: Never leave the key in 'ACC (UNLOCK)' position for a long time to avoid the battery lack of power.

ON: The ignition is switched on and instruments, controls and electrical circuits become operative.

Starting and Driving

START: Starter motor works. Release the key as soon as the vehicle starts and the key automatically returns to "ON" position from "START" position.



Starting / Stopping

Starting

The shift lever will be adjusted to 'P' or 'N'.

Depress the brake pedal and maintain.

The key will be adjusted to the 'START' position, the vehicle will be started. After the motor starts to operate, the key will be immediately loosened; ignition switch will be automatically switched over to the 'ON' position.

2

Caution

The "READY indicator lamp (green)" on the instrument is used to indicate that the vehicle is ready for running. After the vehicle is started, the "READY indicator lamp (green)" will be lit and this lamp will not go out in the running process.

Stopping

The ignition switch will be adjusted to 'OFF' position to 'ON' position to stop the motor.

The electrical parking brake system will be started when pulling up the switch of electrical parking brake (EPB).

Starting and Driving

Driving

Running-in of new vehicle

This vehicle requires no deliberate 'running-in', but in order to enhance the long-term running performance, we strongly recommend the following:

Driving at first 1,600 Km:

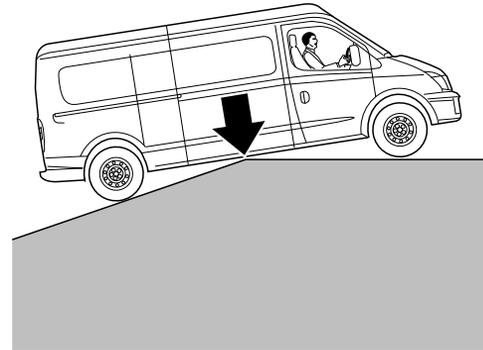
- Avoid driving too briskly and vary the speed frequently.
- Never depress the accelerator pedal to the lowest position at any gear.
- If possible, avoid undue heavy braking.

Driving

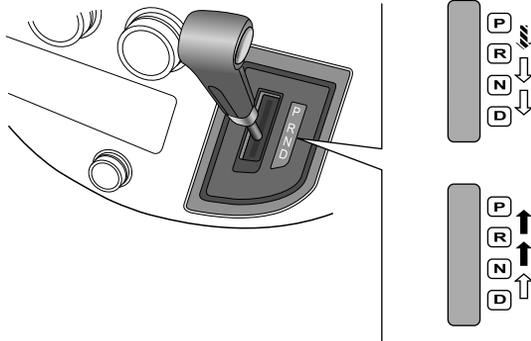
! When driving, never place portable container with fuel on the vehicle. They may leak and a fire may result.

Ramps and ferries

When negotiating sharp or severely inclined ramps, e.g. ferries etc., exercise caution to avoid damage to the underside of the vehicle.



Shift lever



Operation

⚡ When the start or ignition switch of the vehicle is at the position of 'ON', the brake pedal will be depressed when shifting and the lock-up release button on the top left side of the shift lever will be pressed.

➡ The lock-up release button on the top left side of the shift lever must be pressed when moving the shift lever.

⇨ The shift lever can be moved before pressing the lock-up release button on the top left side of the shift lever.

For stable running, depress the brake pedal by changing from N (neutral gear) to the forward gear or reverse gear.

! Situation of the mass surrounding the vehicle especially children must be checked before adjusting to D (forward) or R (reverse) gear.

Before leaving the driving seat, you must confirm that the shift lever is at the P (parking) position; then, the switch of electrical parking brake will be pressed and the motor will be closed.

Caution

The speed of the motor cannot be increased when the brake pedal is adjusted to R (reverse) gear or forward gear. You will use brake or electrical parking brake when the vehicle stops on the slope.

Starting and Driving

Gear

P (Parking)

 If the vehicle is adjusted to P (parking) gear when running, it will damage the reducer. P (parking) gear cannot be used to substitute electrical parking brake. The shift lever must be at the P (parking) gear and electrical parking brake will be set.

The vehicle must be stopped completely before adjusting to P (parking) position. The reducer will be locked up at this position to prevent the driving wheel from revolving.

R (Reverse gear)

 Before adjusting to R (reverse gear) or pushing out from R (reverse gear), the vehicle must be stopped completely. If the vehicle is adjusted to P (parking) gear when running, it will damage the reducer.

This gear will be used to back off.

N (Neutral gear)

The vehicle and the reducer have not been locked up. Eth vehicle will automatically slip even on small slope, unless stamping brake or setting electrical parking brake.

D (Forward gear)

It is the position of forward gear.

Charging requirement

 In the process of charging operation, surrounding personnel cannot contact operators, vehicle and power supply equipment.

The charging handle will be connected to the vehicle socket at first. Then, the charging device will be operated.

After charging is completed, the power of the charging device will be closed at first, and then the charging connector will be separated from the charging socket of the vehicle and the cap of the charging inlet of the vehicle will be covered and gate of the charging inlet will be closed.

When the charging station breaks down, relevant professional personnel will be immediately notified to resolve and operators cannot dispose without approval.

Charging can be conducted in rainy days, but rainproof measures will be adopted for charging connector and charging port in the process of removing and inserting charging connector. Charging operation need be stopped in extreme weather such as storm.

Check will be conducted to confirm whether state of socket and jack is good or not before charging.

Starting and Driving



In the charging process, key cannot be inserted for starting. It is strictly prohibited to charge when there is person on the vehicle.

Requirements for charging equipment

Requirements for battery charger

- Insulation resistance is not less than 10MΩ.
- Low voltage auxiliary power of battery charger is between 15A and 20A.
- As low-voltage platform of EV80 vehicle is 12V, charging station whose low voltage output is 12V will be used when charging to avoid damaging low voltage equipment of vehicle.

Special requirements

- The DC charging connector complying with the standard IEC 62196 must be used to ensure the charging via the DC charging port.

Starting and Driving

Requirements for charging environment

- Spark may be generated in some modules of charging equipment. To avoid accident, don't conduct charging operation in gas station and places where there are inflammable gases or liquid.
- Charging operation time will be affected by external temperature. For example: when the temperature is lower than 0 centigrade, charging time will be longer than that when the temperature is over 0 centigrade.

Influence of charging operation on special personnel

When conducting rapid charging operation, the operation area may have magnetic field interference. It is recommended that users who carry implantable heart pacemaker and implantable angiocardy defibrillator keep away from vehicles under charging.

Magnetic field interference may affect normal effect of electronic medical equipment such as implantable heart pacemaker and implantable angiocardy defibrillator. Users who carry implantable heart pacemaker and implantable angiocardy defibrillator may be injured or die.

If you implantable heart pacemaker and implantable angiocardy defibrillator, please guarantee when vehicle is under charging operation:

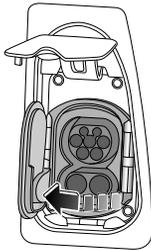
- Don't stay in the vehicle.
- Don't enter into the vehicle for taking objects in the passenger compartment.
- Don't open the tail gate or enter into the vehicle for taking objects in the tail gate.

Note: *When the vehicle does not conduct charging operation, special personnel can ride and drive vehicles.*

Rapid charging operation

The ignition switch will be closed and key will be removed for three to five minutes in the process of rapid charging operation. Operation will be conducted in accordance with the following requirements:

- 1 Standard DC charging connector that will match the vehicle model will be selected.
- 2 The opening of charging port door of the vehicle will be lightly pressed by hands to open the charging port door of the vehicle.
- 3 Plastic snap joint will be lightly pressed by hands to loosen it on the vehicle-mounted charging inlet.
- 4 The plastic cover on the charging inlet will be opened.



- 5 DC charging connector on the charging station will be removed.
- 6 Connect the charging connector to the charging receptacle of the body charging port, waiting for 10 ~ 15 seconds, and

the actuator on the charging receptacle will automatically lock the connection between the charging connector and the charging receptacle.

- 7 The charging connector will be connected to charging equipment. Operation will be conducted as per guideline on the charging station. Power of charging equipment will be started.
- 8 After connection of charging connector is completed, the “Charging connection indicator lamp (red)” on the instrument cluster will be lit.
- 9 In the charging process, the “Charging status indicator lamp (yellow)” on the instrument cluster will flash.
- 10 After charging is completed, the “Charging status indicator lamp (yellow)” will go out. Power of the electrical equipment will be closed at first and charging connector will be removed later.
- 11 The plastic cover of the charging port of the vehicle and small gate of the charging port will be covered in an order.

Caution

Standard DC charging station or charging equipment matching with the vehicle model will be selected. After the vehicle is filled with electricity, SOC will have automatic calibration function. After the vehicle has been shallowly charged (less than 99%) every two to three times, the vehicle will be completely discharged for once (filled with electricity).

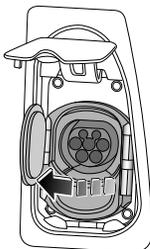
Starting and Driving

Slow charging operation

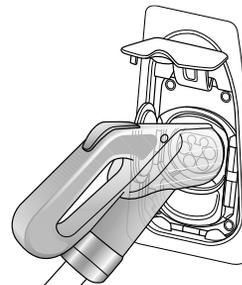
Note: *The slow charging operation is the charging method which allows the high-voltage battery pack to achieve the optimal balance.*

The ignition switch will be closed and key will be removed for three to five minutes in the process of slow charging operation. Operation will be conducted in accordance with the following requirements:

- 1 Take out the charging connector in the charging connector packing bag inside the vehicle.
- 2 Open the body sheet metal charging port door, and then open the plastic cover on the charging stand.



- 3 Connect the charging pile end plug of the charging cable to the charging pile, and connect the vehicle end plug of the charging cable to the vehicle charging stand.



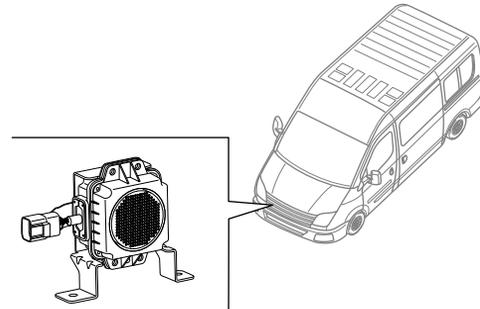
- 4 When the charging connector is connected, the “Charging connection indicator lamp (red)” on the instrument cluster will illuminate.
- 5 Set at the charging pile end (such as swiping a card) to start charging, the electronic lock of the charging socket is automatically locked. At this time, the charging connector is locked to ensure that the connector cannot be removed while it is energized during the charging.
- 6 During the charging, the charging indicator of the charging pile flashes, and the “Charging status indicator lamp (yellow)” on the instrument cluster will flash.
- 7 After the charging is completed, the charging pile will end the charging automatically; if it is required to stop charging during the charging process, set the charging pile to end charging or by pressing the unlock button on the remote key or the master control switch, the vehicle will automatically stop charging. If you don't pull out the charging connector at this time, it will resume charging after 30S.

Starting and Driving

- 8 After the battery is fully charged, the “Charging status indicator lamp (yellow)” on the instrument cluster will go out, and the electronic lock of the charging socket will be unlocked automatically. At this time, the charging connector can be removed directly.
- 9 Pull out the charging plug and charging pile power supply plug. Close the AC charging port cover, and then close the charging port door.
- 10 Organize the charging device, and stow the charging connector in the packing bag, and put it back in the vehicle.

Low speed warning module

As the noise emitted by the pure electric vehicle during low-speed driving is very small, not easy to attract the attention of pedestrians, the low speed warning module will give a prompt tone when the noise level becomes lower than a certain value, to effectively transmit information to other road users.



Starting and Driving

Low speed warning sound effect

When the vehicle speed is greater than 0 km/h and equal to or less than 20 km/h, the low speed warning module will simulate the sound of engine running and give an audible warning which has frequency shift properties. The frequency will increase with the increase of speed or decrease with the decrease of speed, and the minimum average frequency shift speed of such frequency is greater than 0.8%/(km/h).

Note: when the vehicle speed is 0 km/h, the low speed warning module will not give any prompt tone.

When driving in reverse, the low speed warning module will give continuous 'Beeps' as a warning.

Note: as long as the low speed warning module detects a 'reverse' signal, it will give a prompt tone even if the reverse speed of the vehicle is 0 km/h.

Electro-Hydraulic Power Steering



When the electric power steering is working, the lifetime of the steering system will be reduced and even damaged if the steering wheel is at the limit position for long time. If electro-hydraulic power steering breaks down or cannot work, it will become very heavy when rotating the steering wheel, which will significantly affect driving safety.

Electro-Hydraulic Power Steering system is to conduct power-assisted steering by running hydraulic pump via the motor. The steering power will be automatically adjusted as per speed, speed of steering wheel and revolving angle of the steering wheel.

Advantages of electro-hydraulic power steering system include simple structure, energy saving and good hand feeling of operation. Compared with traditional hydraulic power steering system, electro-hydraulic power steering system needs energy when actually steering. This working way requiring power can reduce power consumption.

Brake system

Service brake

Dual brake hydraulic system

 A failure in one of the hydraulic pipelines will be indicated by illumination of the 'braking system warning lamp' on the instrument cluster while driving; it will result in increased brake pedal travel and effort, longer stopping distance and may cause the vehicle to pull to one side. Do not pump the brake pedal in an attempt to restore pedal pressure. If there is pressure failure in one of the brake pipelines the cause must be investigated. **IMMEDIATELY bring the vehicle carefully to a halt. You should contact Service Dealer immediately. Do NOT drive the vehicle.**

Should one of the hydraulic pipelines fail the other circuit will continue to function.

General state

 Always ensure that floor mats or other objects do not disturb pedal movement.

Never rest your foot on the brake pedal as this may overheat the brakes, reduce their efficiency and cause excessive wear. If brake pads/shoes have worn excessively, a squealing or screeching noise will be heard when the brakes are applied, and braking efficiency will be affected. You should contact our Service Dealer immediately.

If the drive motor stalls or stops for whatever reason, the brake servo assistance will exhaust after two pedal operations and as a result a much greater effort will be required in operating the pedal to achieve expected braking efficiency. In these circumstances the stopping distance may be longer.

If the vehicle is not in regular use or is garaged for long periods the efficiency of the braking system could be impaired. You should contact our Service Dealer immediately.

Starting and Driving

Wet state

 **Driving in heavy rain and slushy roads will considerably reduce braking efficiency. At this time, keep safe distance from other vehicles and gently depress the brake pedal intermittently to dry the brake friction components. In severe wet weather this drying process may need to be repeated every few miles.**

In winter month ice can form and salt accumulate on the brake pads and discs. Ice and salt accumulation will be cleaned off after a few light applications of the brake pedal.

Descending steep hills

 **Overheating the brakes will reduce braking efficiency and may also cause the vehicle to pull to one side.**

ABS (Anti-lock braking system)

Your ABS prevents the road wheels from locking under severe braking; thereby helping to you to maintain steering control. No special driving technique is needed.

Under normal braking (where sufficient road surface friction exists to prevent wheel lock), the ABS will not be activated.

An integral feature of this braking system is Electronic Brake Distribution (EBD), which is used to optimize the braking force at the rear wheels under full load condition.

ABS in action

 **ABS does not necessarily provide shorter stopping distances, which can vary greatly depending on road surface and conditions. In fact, stopping distances can be less on vehicles without ABS on some surfaces such as gravel and soft snow.**

ABS cannot overcome the physical limitations of stopping your vehicle in too short a distance, cornering at high speed, or aquaplaning, i.e. where a layer of water prevents adequate contact between the tyres and the road surface.

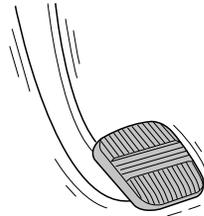
ABS must never tempt you to take risks that could affect your safety or that of other road users. You still have a duty to drive within normal safety margins, having due consideration for the road surface, weather and traffic conditions.

Starting and Driving

If the force of your braking should exceed the available adhesion between the tyres and the road, causing one or more wheels to lock, then ABS will automatically come into operation. You will hear the sound of a rapid pulsation which will also be felt through the brake pedal.

When braking in an emergency, always depress full force to the brake pedal, even if the road surface is slippery. ABS is activated immediately; it constantly monitors the speed of each wheel and varies the braking pressure to each according to the amount of grip available.

This prevents the wheels from locking and enables steering control to be maintained.



Driving tips With ABS

- In an emergency braking situation, depress full force to the brake pedal.
- Under normal braking, apply steady pressure to the brake pedal - DO NOT PUMP IT.
- Remember that steering control will always be available during braking.
- The availability of ABS does not eliminate the dangers of driving too close to the vehicle in front, aquaplaning, excessive cornering speeds etc.
- ABS does NOT guarantee shorter braking distances.
- Do not be alarmed if you hear and feel a pulsing at the brake pedal. This is normal and indicates that the ABS is in operation.

Starting and Driving

ESP (Electronic Stability Program)

ESP function

ESP contains all the functions of ABS, TCS and HHC to avoid vehicle rollover and ensure the vehicle as safe as possible.

ESP is an advanced computer system that can help you control the vehicle driving direction in bad conditions. When the driving route detected by computer different from the actual driving direction, ESP will selectively apply braking force to one or several brakes to keep your vehicle in the direction you operated.

With ESP started, ESP indicators will flash on the instrument board. You may hear some noise or feel brake pedal vibration, that's normal.

With ignition switch turned into ON position, 'ESP indicator

(yellow)  lights on for 3 seconds while the system performs self diagnosis. ESP can monitor driving status if started. During normal driving, ESP indicator lights off. In case of slip and low traction force, ESP works and flashes. If ESP fails, ESP indicator keeps lighting on and the vehicle shall be delivered to our authorized distributors for checking.

HHC (Hill Hold Control)

HHC is capable of preventing the vehicle that is climbing a hill from slipping downhill after the driver releases the brake pedal. An interval up to 2 seconds is available for the driver to shift his foot from the brake pedal to the accelerator pedal so as to successfully drive off on a slope.

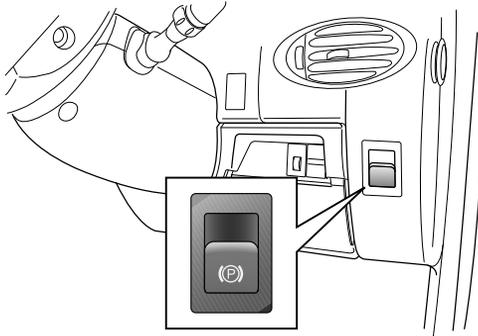
Cautions for driving vehicles with ESP

ESP can detect and analyze vehicle conditions, taking preventive measures by correcting wrong driving operation. However, anything has its limit and no safety device is absolutely safe if the driver blindly drives the vehicle over- speeding.

Electrical parking brake (EPB)

⚠ When the vehicle equipped with electrical parking brake encounters a failure in the running process, the vehicle cannot be towed in principle as brake may not be loosened and need be started via bridge joint.

Your vehicle is equipped with electrical parking brake system (EPB). Switch of the electrical parking brake system is on the instrument board on the driver side, namely outside of the steering wheel. Even if the ignition switch is closed, EPB can also be started all the time. To prevent storage battery from discharging, when the vehicle is not operated, the electrical parking brake system cannot be operated repeatedly. When electric quantity is not enough, electrical parking brake system cannot be used or loosened.



Start electrical parking brake

When the vehicle is in stationary state, the electrical parking brake system can be started. The electrical parking brake system will be started by pulling up the switch. Once the system is start, “electrical parking indicator lamp (red)” will be lit when the vehicle is electrified (the indicator lamp will flash in the pulling process). If the indicator lamp is not lit, please contact the Service Dealer.

If electrical parking brake system has been used in the running process, “Electrical parking indicator lamp (red)” on instrument will be lit, with continuous warning reminder sound accompanied. As long as this switch is not loosened, the speed will be reduced. If loosen the electrical parking brake system switch in the process of reducing speed, the parking brake will be loosened. If the switch is loosened after the vehicle stops, electrical parking brake system will be still enable.

If the “electrical parking fault light (yellow)” is lit, it means that electrical parking brake system breaks down and its working performance will also be decreased. Please contact the Service Dealer for repair. If the electrical parking brake system need be used when the warning lamp is lit, the EPB switch will be pulled up and maintained until “Electrical parking indicator lamp (red)” is lit.

If fails to start the electrical parking brake system, rear wheel need be locked to prevent vehicle from moving.

Starting and Driving

Note: Noise may be heard when connecting or closing the electrical parking brake.

Note: If the electrical parking brake has not been used for a long time, the system will conduct automatic test accompanied by noise when the vehicle has been parked.

Caution

The electrical parking brake cannot be connected or loosened when electric quantity of the storage battery of the vehicle has been used out.

Loosen electrical parking brake

To release the electrical parking brake system, first connect the ignition switch, depress the brake pedal and then press the electrical parking brake system switch. If trying to loosen the electrical parking brake when the brake pedal has not been depressed, driver information center will send warning sound and reminder. When “Electrical parking indicator lamp (red)” goes out, it means that electric parking brake has been loosened. If the “electrical parking fault light (yellow)” is lit, it means that electrical parking brake system breaks down and its working performance will also be decreased. If the electrical parking brake system is loosened when the warning lamp is lit, the EPB switch will be pressed and maintained until “Electrical parking indicator lamp (red)” goes out. If this indicator lamp is lit all the time, please consult the Service Dealer.

Automatic release of electrical parking brake

When the vehicle is running, it will engage a gear and prepare to start. When depress the accelerator pedal, electrical parking brake will be automatically loosened. When the electrical parking brake system is on, rapid acceleration will be avoided to maintain lifetime of parking brake lining.

Automatic starting of electrical parking brake

 **When using automatic starting function of electrical parking brake, it must guarantee that electrical parking brake system does not have fault.**

When the vehicle is in stationary state and the instrument does not have parking brake system fault and the ignition key is adjusted to the position of 'LOCK' , electrical parking brake will be automatically started.

Starting and Driving

Prohibition of automatic starting function of electrical parking brake

If driver does not require automatic starting function of electrical parking brake under some special situations, it can press the switch of electrical parking brake system within the former three seconds after the key is adjusted to the 'LOCK' position.

Caution
If the electrical parking brake (EPB) cannot be released via normal operation, please see "Emergency release of electrical parking brake".

Electrical pawl parking (EPP)

Operation steps for flat ground and hill parking

Depress and hold the brake pedal, activate EPB and release the brake pedal, then wait until the entire vehicle is in full stationery, depress and hold the brake pedal again, shift into P gear, release the brake pedal and shut down the drive motor.

Operation steps for flat ground and hill start

Depress and hold the brake pedal, shift out of P gear, release the EPB, and depress the accelerator pedal to start off.

Caution
To avoid damage to the reducer, especially when conducting parking or start-off operation on a steep slope, please follow above operation steps.

2

Starting and Driving

Warning lights

Warning lights related with brake system are 'braking system warning lamp (red)', 'ABS warning light (red)', 'EBD warning light (red)', 'electrical parking indicator lamp (red)' and 'electrical parking fault light (yellow)', see "Warning lights and indicators".

Parking assist system

Note: *The type of the parking assist system equipped on your vehicle depends on the actual configuration of the vehicle your purchased.*

Parking sensor



The parking assist system is not always reliable and is only playing the role of guidance! The parking sensors might not detect some types of obstacles, including slim objects (such as wire nets and ropes), small objects closing to the ground, conic objects, and some objects with non-reflective surfaces.

The parking sensors shall be free of dirt, ice, and snow. The sediment on surfaces of parking sensors will impair the normal functioning of the sensors. Therefore, avoid directly flushing the parking sensors from a short distance by high pressure water gun while washing your vehicle.

Four parking sensors installed on the rear bumper are functioned to scan the rearward area of vehicle, in order to judge the presence of obstacles. Upon detection of any obstacle, the parking sensors will calculate its spacing from the rear of the vehicle and send the information to the driver by alerting tones. It's really important that this system is only a parking assist system and can't function as the replacement for your observation and personal judgment.

Starting and Driving

Working status of parking sensor assist system:

After selecting reverse gear, parking assist system will give out short 'beep' sound to indicate operation started. When selecting other gears, parking assist system will stop working.

Note: If reverse gear selected and the system giving out long sound, it indicates system failure and the Service Dealer shall be contacted for inspection.

Minibus/van

When reversing the vehicle:

- If the obstacle is between 180 cm and 120 cm distance from rear bumper or rear step, alarm system will give out intermittent long sound signal.
- If the obstacle is between 120 cm and 70 cm distance from rear bumper or rear step, alarm system will give out intermittent short sound signal.
- If the obstacle is between 70 cm and 40 cm distance from rear bumper or rear step, alarm system will give out intermittent fast sound signal.
- If the obstacle is within 40 cm distance from rear bumper or rear step, sound signal will change into continuous alarm.
- If the obstacle is within 20 cm distance from the rear bumper or rear step (blind region of detection), the sound signal may stop to alarm.

Chassis cab/van

When reversing the vehicle:

- When the vehicle is at about 150 cm distance from the rear barrier, the device starts to produce alarm sound, and the alarm sound become harsh when the vehicle is approaching the barrier.
- When the distance of the vehicle from the rear barrier is less than 40 cm, the device will produce continuous alarm sound. At this moment, it is impossible to effectively identify the barrier if you continue to reverse the vehicle.

Starting and Driving

Parking camera

! The parking camera assist system is not always reliable and is only playing the role of guidance! Due to limited visual field, the parking camera can't detect any obstacle beyond its visual field.

Working status of parking camera assist system:

After selecting reverse gear, entertainment system display will be switched to the operation condition of reverse camera, displaying the scene behind the vehicle as reverse reference.

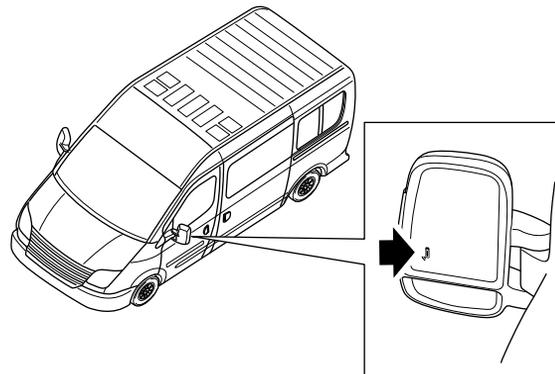
When selecting other gears, the camera stops working and the display returns to the original state.

Note: *When the vehicle is in reverse condition, the camera outputs static reverse track with ground as the reference on the entertainment system display and identify with red, amber and green in segment.*

Lane change assistance system

! The lane change assistance system is not always reliable. It is a supplementation to rather than a substitution for the safety driving practices and exterior mirrors.

The lane change assistance system warning lamps are located on the left and right exterior mirrors.



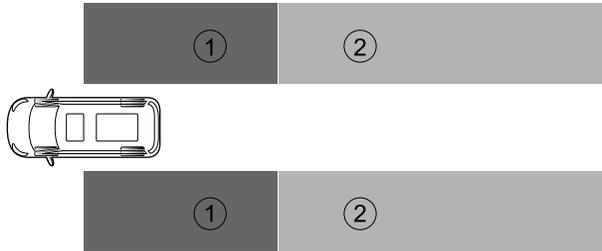
Blind spot detection

When the target vehicle enters the detection zone ①, the lane change assistance system warning lamp on the corresponding side will remain on.

Starting and Driving

If the turn signal on the corresponding side will be turned on at the moment, the lane change assistance system warning lamp will change to flash.

The scope of detection of the zone ① includes two subzones, each being 3 meters wide and running from the blind spot to 3 meters behind the rear of the vehicle.



Lane change assistance

When the target vehicle enters the detection zone ②, and rapidly approaches your vehicle, lane change could cause collision, the lane change assistance system warning lamp on the corresponding side will remain on.

If the turn signal on the corresponding side will be turned on, the lane change assistance system warning lamp will change to flash.

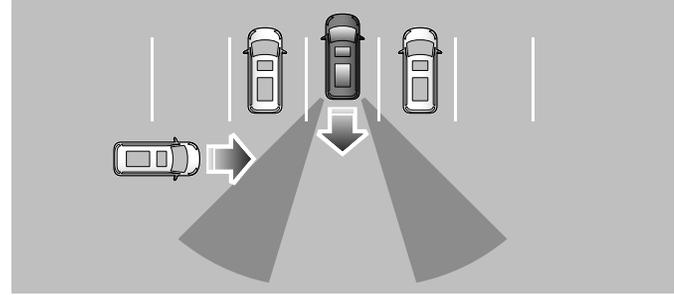
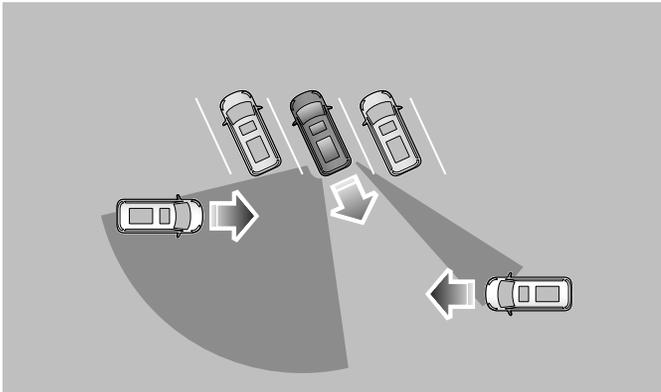
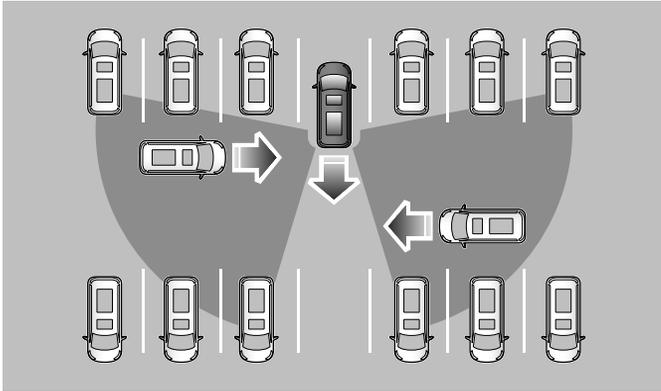
The scope of detection of the zone ② includes two subzones, each being 3 meters wide and running from 45 meters behind the rear of the vehicle.

Note: *The functions of blind spot detection and lane change assistance can be activated only when the vehicle speed is greater than 30km/h.*

Vehicle detection during reversing

If the target vehicle enters the detection zone (which includes two subzones, being 20 meters each and located to left and right of your vehicle) while your vehicle is reversing, collision could occur, and the lane change assistance system warning lamp on the corresponding side will flash.

Starting and Driving



Note: The function of vehicle detection during reversing can be activated only when the speed of target vehicle is 10 to 30 km/h and the speed of your vehicle is less than 10km/h.

Tyres



DEFECTIVE TYRES ARE DANGEROUS!

Do NOT drive your vehicle if any tyre is excessively worn or damaged, or is inflated to an incorrect pressure.

Do NOT overload vehicle.

Incorrect tyre inflation pressures or an unbalanced wheel and tyre assembly can seriously affect stability, especially when driving with high payloads or at high speeds. Under-inflation also increases rolling resistance which accelerates tyre wear and causes tyre damage which can lead to an accident.

Always drive with consideration for the condition of the tyres; the most common causes of tyre failure are:

- Bumping against kerbs.
- Driving over deep pot holes.
- Driving with under or over-inflated tyres.

Uneven tread wear can be caused by faulty wheel alignment. See “Tyres”.

Anti-skid chain

When driving vehicle on the snow, it is recommended to apply S anti-skid chain to the driving wheels.

Anti-skid chain could increase the traction when driving on road in the winter. If you want to fit the anti-skid chain, please remember that:

- 1 Not all wheels and tyres are suitable for anti-skid chain.
When fitting anti-skid chain, only approved tyre size can be used.
- 2 Only apply anti-skid chain to two front driving wheels and follow the instructions of anti-skid chain manufacturer.

It is just on the snow that you can drive the vehicle at maximum speed allowed by the anti-skid chain. Please follow the regulations in your country. Remove the anti-skid immediately when on the snow-free road.

Starting and Driving

Winter tyres

If the vehicle is expected to travel on the pavements of ice and snow frequently, it is better to equip it with winter tyres. Summer tyres have poor antiskid performance on icy and snowy pavements because of its structure (width, rubber constituent and pattern type etc. of tyre). Although all season tyres can provide good comprehensive performance on most surfaces, they may not be able to provide the force of friction you expect or same performance with winter tyres on pavements covered by ice or snow. In general, using winter tyres is to increase the force of friction when travelling on the icy and snowy pavements. Some phenomena may occur after using winter tyres, such as traction going down when travelling on the dry road, road noise increased and tread life shortened. Please pay attention to the changes of operation and braking of vehicles after changing the winter tyres.

For availability of winter tyres and detailed information for choosing suitable tyres, please consult our Service Dealer.

If you choose to use winter tyres:

- Use tyres with same brand and tread pattern type on the four wheels.
- Only use the radial tyre that has the same size, load range and nominal speed with the original tyre.
- If you choose winter tyres with relatively low nominal speed, please do not exceed the maximum nominal speed of the tyre.

Loading

It is the driver's responsibility to ensure no overload in accordance with Chinese laws.

Note: *GVW is indicated on the VIN Plate located at front lower of right/left side 'B' post, please refer to the actual vehicle. This handbook introduces the correct vehicle weight parameters, see "Vehicle weight parameters".*

Load carrying

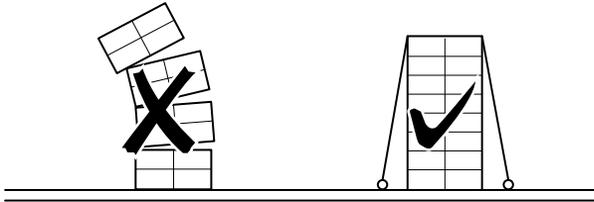
The load should be carried between the two axles, i.e. not at the extreme front or rear of the load carrying area. Bulky loads should be evenly distributed with the heaviest items placed between the two axles.

Starting and Driving

Load restraint

 Secure all loads in the vehicle to prevent personal injury due to movement of load.

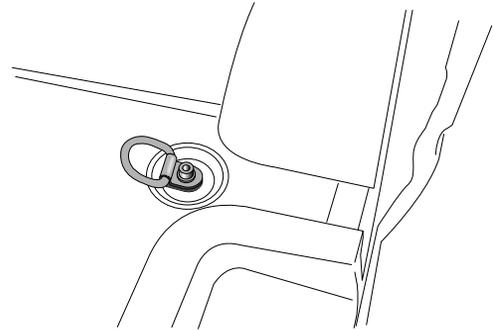
Note: It is the driver's responsibility to ensure that loads are properly secured.



Load restraint assemblies

 Load restraint assemblies, when fitted, will stand out from the vehicle floor.

Hole of load restraint assemblies is pre-set on the van floor. Qualified load restraint assemblies can be purchased and fitted from the Service Dealer.

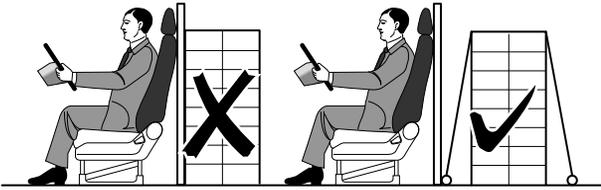


2

Starting and Driving

Partition

! As the full partition is not designed to restrain loads, loads shall be secured properly against movement even with a partition fitted.



Hazardous loads

There is a legal requirement to display a specific type of external warning sign on the vehicle if certain hazardous goods are being carried.

Emergency Troubleshooting

- 114 Hazard light
 - 114 Jump start
 - 117 Warning triangle
 - 117 Replacing wheel
 - 121 Towing vehicle
 - 123 Replacing fuse
 - 127 Replacing bulbs
 - 132 Manual power side stepwell retracting
 - 133 Emergency release of electrical parking brake
-

Emergency Troubleshooting

Hazard light

When your vehicle needs to stop or slow down, press hazard light switch  to light on 'direction indicator (green)' on the instrument cluster and flash all direction indicators, warning others and making the police know you are in trouble.

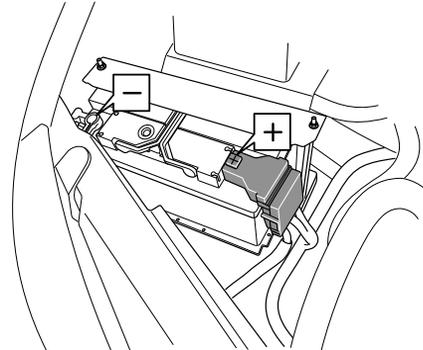
Jump start

Battery disconnection

 **Always wear protective gloves and eye protecting glasses when working on a battery.**

Do not use naked light, cause sparks or smoke in the area of the battery. You can be seriously injured and the vehicle damaged.

Disconnect battery, negative (-) earth terminal first and then positive (+). Connect battery, fit and secure positive cable (+) first and then negative (-) cable. Smear the terminals with petroleum jelly.



Emergency Troubleshooting

Caution

- Before disconnecting the battery, always switch off the motor and all electrical appliances for more than 2 minutes. While disconnecting, never allow the terminal contacts the metal parts of vehicle body. Otherwise short circuit may cause electric spark.
- Electrical system may be damaged if connecting positive and negative cable reversely.

Jump start



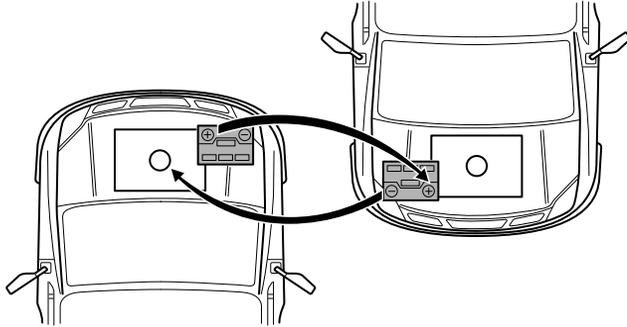
Never pull or tow the vehicle to start.

Ensure the rated voltage of two batteries is the same (12 V) and the jumper cable is acknowledged as the cable used for 12V vehicle battery.

Jumper

- Pull two vehicles together as possible.
- Switch off the motor and all electrical devices.
- Connect the positive terminals (+) of two batteries with red jumper cable.
- Connect black jumper cable from power supplying battery negative terminal (-) to earth point (not negative terminal) of battery that need to be powered.
- Ensure all connection mechanisms are well connected.
- Check that the jumper cable clear of any moving parts when the motor starting.
- Check that the handbrakes of the two vehicles are applied and gear lever is in P position.

Emergency Troubleshooting



Starting

Start the vehicle whose battery supplies power and allow it to run for several minutes.

- Start the vehicle whose battery needs to be powered.
- After starting the vehicle, allow it to run for two minutes above.

Note: *If it fails to start after several attempts, the vehicle may need maintenance.*

Disconnecting

- Switch off the engine or drive motor of the vehicle that supplies power.
- Ensure the cable terminals shall not contact with each other.
- Remove the jumper cable. Removal is the reverse of connection.

Caution

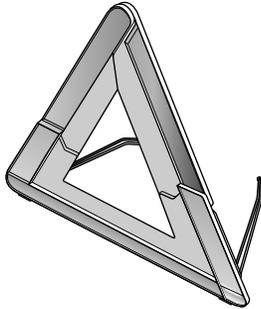
Before removing the jumper cable, never open any electric device of vehicle started.

Emergency Troubleshooting

Warning triangle

Warning triangle is placed under the driver's seat.

If you have to pull off the vehicle, you need to place a warning triangle about 100m right behind the vehicle to warn others vehicles incoming.



Replacing wheel

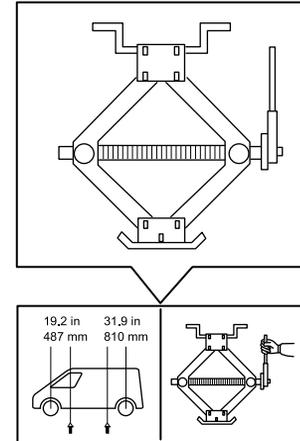
Jack

Location

Jack is in the vehicle tool kit under the driver's seat.

Specification

! This jack is just for replacing wheel. Never use it for others. This jack is just for your vehicle and never uses it for other models.



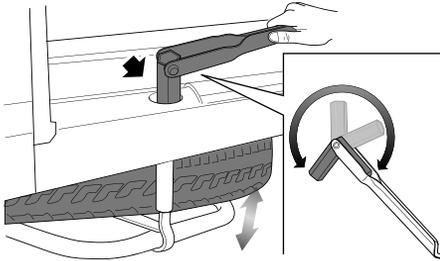
Emergency Troubleshooting

Spare tyre

! Check the pressure of spare tyre regularly. Using spare tyre of incorrect pressure shall influence wheel stability, which may cause danger and permanent damage to the wheel.

Spare tyre is located rear underbody. Turn the stay bolt of spare tyre carrier anti-clockwise as illustrated with socket wrench in vehicle tool kit until the carrier is lowered enough to remove the spare tyre.

Retract the spare tyre carrier by reversing the operations above and ensure that it raises fully.



Caution

Always fully raise and secure spare tyre carrier even without fitting spare tyre.

Replacing wheel

Vehicle parking

! Park your vehicle in firm and level ground without disturbing traffic or traffic hazard to yourself.

If on the public road, please turn on hazard light and position a warning triangle.

Ensure that the ground where the jack located is firm enough to support the jack and the vehicle to be lifted; otherwise it will move for instability, causing damage to the vehicle and / or personal injury.

Secure other wheels with proper wheel stoppers.

Never use jack if the ground is sloping. If jack is unsuitable to use or you are unsure to complete the task safely, please ask for assistance.

Road wheels must be straight-ahead.

While switching off the drive motor, pull up the switch of electrical parking brake and shift the gear lever to P position.

Emergency Troubleshooting

Positioning jack

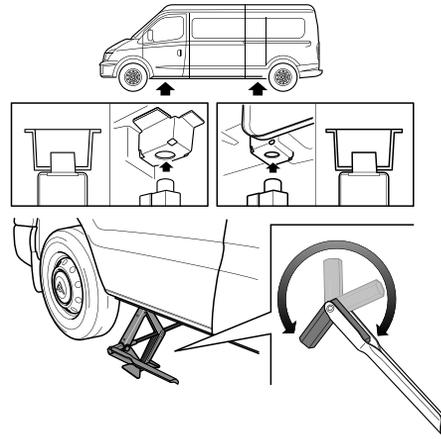
! Only use jack at specified jacking points. The lifting height shall not be more than the height necessary for tyre replacement (such as no more than 30cm above the ground).

Before using the jack, ensure all occupants have left the vehicle. No person should place any portion of their body under a vehicle that is supported by a jack.

The jack shall be perpendicular to the vehicle body while lifting.

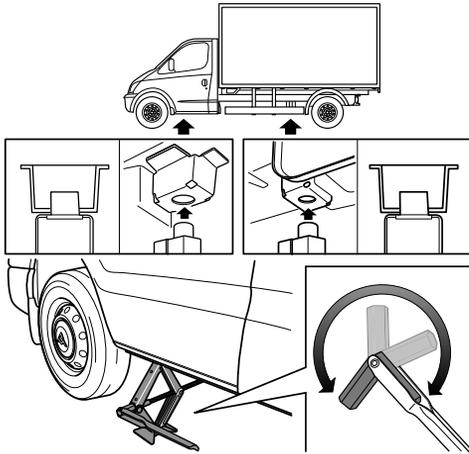
Set jacking points near the wheel to be replaced. Position the jack on the firm and level ground under the jacking points and turn the center screw with socket wrench until jack cap pin enters the hole of jacking point.

Type 1



Emergency Troubleshooting

Type 2



Replacing with spare tyre

! Never start the drive motor while lifting. Never get under the lifted vehicle.

Before removing wheel bolts, ensure the vehicle is firm without sliding or moving.

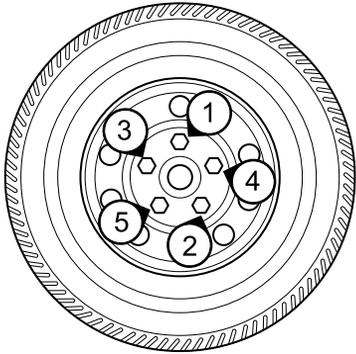
Torque wrench shall be used to check exact tightened torque of wheel bolts and tyre pressure as soon as possible after replacing the wheel.

Replaced wheel, jack and vehicle tool kit must be stored in specified location. Otherwise they may cause damage or personal injury during impact or heavy braking if casually or improperly placed.

- 1 Remove spare tyre (See "Spare tyre").
- 2 Check the jack is still perpendicular to the jacking points; Change position when necessary.
- 3 Carefully chip off (never damage paint surface) the trim of replaced wheel.
- 4 Slacken the wheel securing bolts anti-clockwise with socket wrench in the vehicle tool kit.
- 5 Turn the center screw of jack with socket wrench until the wheel to be replaced is just clear of the ground.
- 6 Remove the wheel securing bolts and carefully remove the wheel.
- 7 Replace with spare tyre and secure wheel bolts clockwise.

Emergency Troubleshooting

- 8 Lower the vehicle body and remove the jack.
- 9 Fully turn wheel securing bolts according to diagonal sequence (see illustration). Torque of wheel bolts: 180 ± 13 Nm.
- 10 Fit wheel trim.
- 11 Put away replaced wheel, jack, socket wrench and vehicle tool kit.



Caution

Always fully raise and secure spare tyre carrier even without fitting spare tyre.

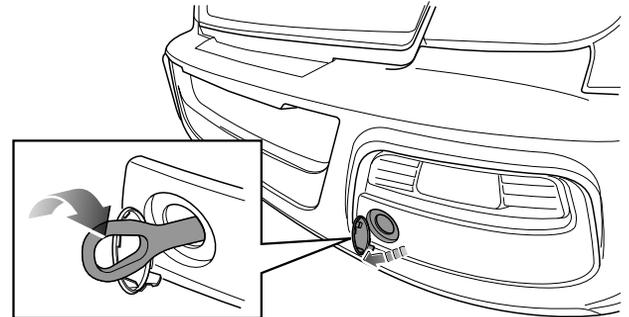
Towing vehicle

While towing or being towed, relative national regulations about vehicle towing shall be abided by.

Towing hitch

Front towing hitch

If this vehicle is to be towed from the front, tighten the towing hitch to the left side of front bumper. This towing hitch is placed in the vehicle tool kit.



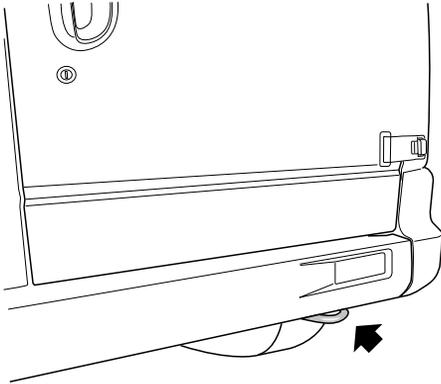
3

Emergency Troubleshooting

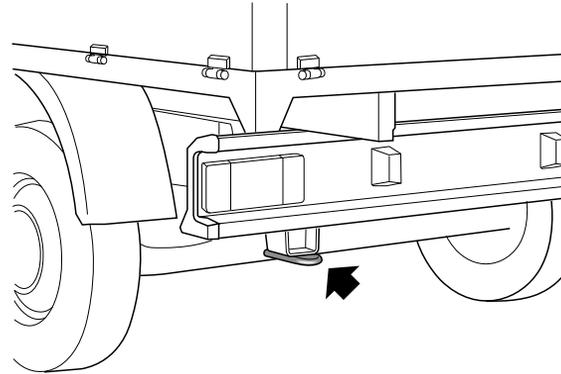
Rear towing hitch

Towing hitch in the rear of the vehicle can be used to tow other vehicles from behind.

Type 1



Type 2



Caution

Max. trailing load of vehicle rear towing hitch is 1,650 kg and never tow vehicle above this load.

Emergency Troubleshooting

Towing

Before towed

! Informing the rescue personnel that the vehicle being towed is an electric car before towing. Please read the on-board rescue information card. **Unplug the key switch before towing and disconnect the manual service switch on the high-voltage battery pack throughout the towing.**

Being towed

Please release the parking brake and shift the gear to the neutral with the front axle off the ground when towed, or using a plate trailer directly.

Caution

The driving distance may not exceed 50km and the towing speed should not be more than 20km/h when towed, or else the electric drive system and battery system may be damaged; do not carry out towing in reverse or it will break down the gear mechanism inside the drive system. The vehicle shall be towed with its front axle off the ground or using a plate trailer directly.

Replacing fuse

Fuses of this vehicle are located in three boxes.

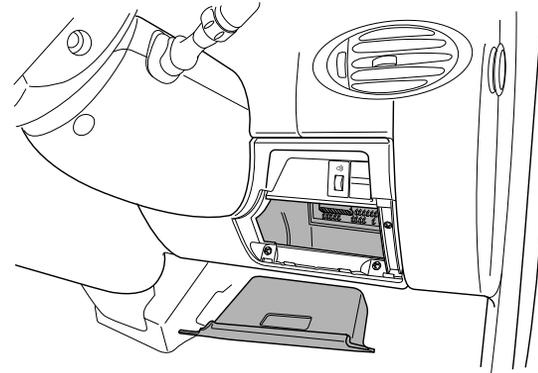
Caution

Spillage of liquid to any electric components in the vehicle may damage the components, so it is required to cover any electric components. The content of the fuse specification list according to the vehicle configuration and technical status will be constantly updated, please refer to actual state of your vehicle.

3

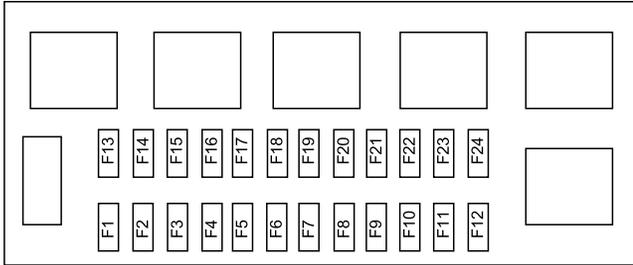
Main fuse box

Main fuse box is located in the right underside of steering wheel. Fuse is accessible just by removing main fuse box cover.



Emergency Troubleshooting

Fuses in main fuse box can be identified with labels printed on the back of fuse box cover.



Specification of fuse in main fuse box

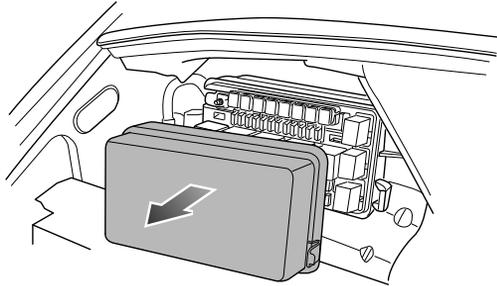
Fuse	Specification	Color	Function
F1	10A	Red	Front roof vanity light
F2	10A	Red	Instrument cluster
F3	25A	Natural color	Body control module
F4	10A	Red	Body control module
F5	5A	Grey	Intermittent wiper
F6	15A	Blue	Battery manager control
F7	20A	Yellow	Body control module
F8	15A	Blue	Audio
F9	15A	Blue	Body control module
F10	10A	Red	AC control panel

Fuse	Specification	Color	Function
F11	20A	Yellow	Power side stepwell
F12	25A	Natural color	Power Windows
F13	10A	Red	Ignition switch power
F14	25A	Natural color	Wiper
F15	10A	Red	Airbag control module
F16	10A	Red	ABS control module
F17	10A	Red	Tyre pressure monitor, mirror adjustment, washer and vehicle reverse
F18	10A	Red	Instrument cluster
F19	15A	Blue	Cigarette lighter
F20	7.5A	Brown	Audio, Body control module
F21	10A	Red	Heated exterior mirror
F22	10A	Red	Rear roof vanity light
F23	7.5A	Brown	Start signal
F24	7.5A	Brown	Blower relay coil

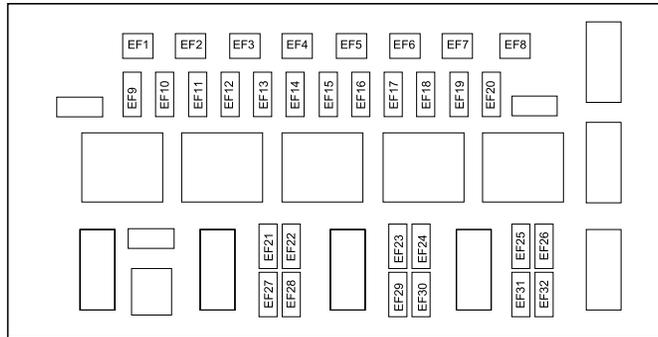
Emergency Troubleshooting

Auxiliary fuse box

Auxiliary fuse box is located in the left side of bulkhead at the bottom of front compartment (vehicle front view).



Fuse is accessible just by removing auxiliary fuse box cover. Fuses in auxiliary fuse box can be identified with labels printed on the back of fuse box cover.



Specification of fuse in auxiliary fuse box

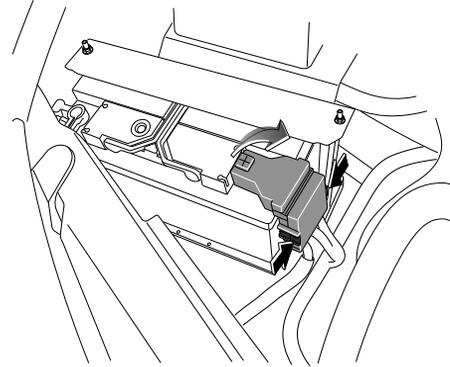
Fuse	Specification	Color	Function
EF1	30A	Green	Electrical parking brake
EF2	40A	Green	Ignition switch power2
EF3	30A	Green	Ignition switch power1
EF4	40A	Green	Main fuse box
EF5	50A	Red	Cooling fan 1
EF6	50A	Red	Cooling fan 2
EF7	40A	Green	Vehicle control module
EF8	40A	Green	ABS system
EF9	25A	Natural color	Electronic vacuum pump
EF10	30A	Green	Main fuse box
EF11	20A	Yellow	Main beam
EF12	20A	Yellow	Day light
EF13	25A	Natural color	Electrical parking brake
EF14	25A	Natural color	Electronic water pump
EF15	25A	Natural color	ABS system
EF16	25A	Natural color	Vehicle inverter
EF17	30A	Green	Rear blower
EF18	30A	Green	Rear de-mist

Emergency Troubleshooting

Fuse	Specification	Color	Function
EF19	20A	Yellow	Position lamp
EF20	15A	Blue	Vehicle control module
EF21	10A	Red	Left dipped beam
EF22	10A	Red	Right dipped beam
EF23	25A	Natural color	Battery management system
EF24	10A	Red	Left main beam
EF25	10A	Red	Right main beam
EF26	10A	Red	Left position lamp
EF27	10A	Red	Right position lamp
EF29	10A	Red	Cooling fan
EF30	10A	Red	Motor control module
EF31	20A	Yellow	Low voltage relay

Pre-fuse box

Pre-fuse box is located on battery positive terminal in the left side of front compartment hood (vehicle front view).



Specification of fuse in pre-fuse box

Fuse	Specification
UEC	175A
Power steering pump	110A
DCDC converter	175A

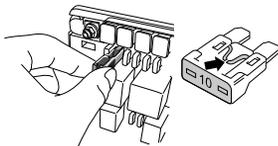
Emergency Troubleshooting

Replacing fuse

! Only replace with fuses of the same specifications / rated current. Fitting nonspecific fuse will damage electrical system and even cause fire.

Before attempting to replace the fuse, ignition switch and all electrical devices shall be turned off. Any unauthorised change to vehicle electrical system will cause serious adverse effect and fire on the electronic management system.

Pull the fuse outward with puller provided in fuse box to remove the fuse. Internal wiring of the fuse can be used to identify blown fuse (arrowed).



Note: Repeat faults occurred to the same fuse indicates circuit failure and Service Dealer shall be contacted immediately for inspection.

Caution

Unauthorised changes to electrical system will make warranty invalid.

Replacing bulbs

Before replacing any bulbs, turn off ignition switch and light switch to prevent any possible short circuit.

When removing or fitting bulbs, never touch the bulb with hands and if touched, clean hand trace on the bulb with cloth or alcohol.

Caution

Replace with bulb of the same category and specification as the original one.

Bulb specification

Bulb	Specification	
Headlamp (halogen bulb)	H4	60/55W
Front fog light	H8	35W
Front direction indicator	PY21W	21W
Front position lamp	LED	
Rear direction indicator	P21W	21W
Side direction indicator	LED	
Reverse light	P21W	21W
Rear fog light	P21W	21W
Brake light/Rear position lamp(Type 1)	P21/5W	21/5W
Brake light(Type 2)	P21W	21W

Emergency Troubleshooting

Bulb	Specification	
Rear position(Type 2)	R5W	5W
Brake high level light	LED	
Number plate light(Type 1)	W5W	5W/LED
Number plate light(Type 2)	R5W	5W
Front roof vanity light	C5W	5W
Rear roof vanity light	C5W	5W
Power side stepwell light	C5W	5W

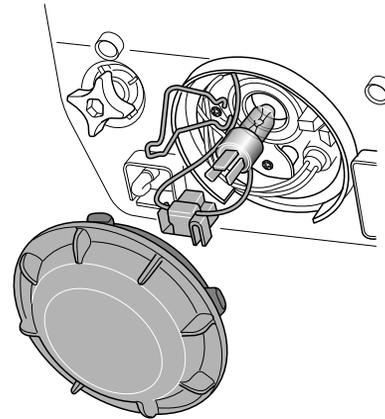
Bulb removal procedures are as below (no re-description for fitting procedures as they are the reverse of removal) and for other bulbs not listed for replacement, Service Dealer shall be contacted for inspection as soon as possible.

Headlamp

Open front compartment hood.

At the rear of headlamp:

- Turn lamp cover anti-clockwise to remove it.
- Carefully disconnect 3-pin connector.
- Release spring clip and pull it out along hinge.
- Remove the bulb.



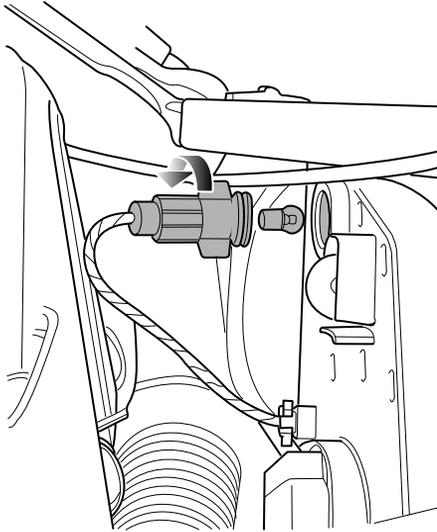
Emergency Troubleshooting

Front direction indicator

Open front compartment hood.

At the rear of headlamp:

- Turn direction indicator bulb holder anti-clockwise to pull it out.
- Remove the bulb.

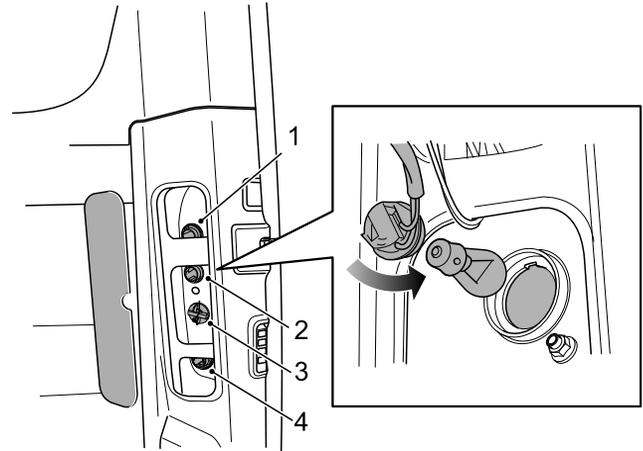


Rear combined light

Remove trim panel to get access to the rear of rear combined light. Identify the trouble light from the inside of the vehicle.

Turn the holder of the bulb to be replaced anti-clockwise to pull it out. Remove the bulb.

Type 1

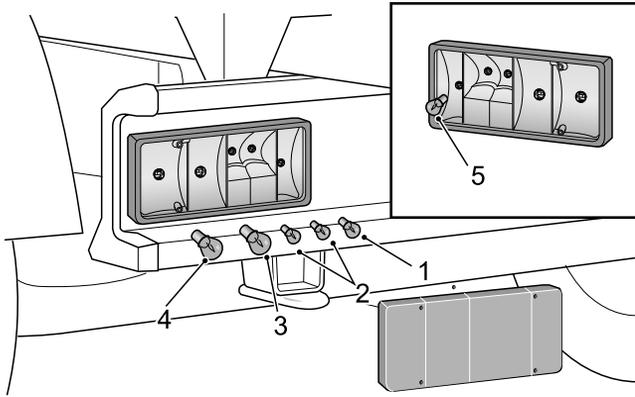


- 1 Brake light/Rear position lamp
- 2 Rear direction indicator
- 3 Reverse light
- 4 Rear fog light

3

Emergency Troubleshooting

Type 2



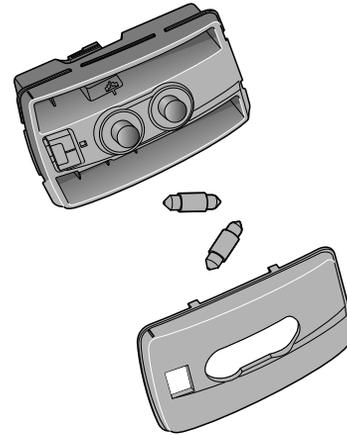
- 1 Reverse light(in the left rear combined lamps)
- 2 Rear position lamp
- 3 Brake light
- 4 Rear direction indicator
- 5 Rear fog light(in the right rear combined lamps)

Front roof vanity light

With rear AC and heating

Pry the glass with screw-driver or similar tools.

Remove the trouble bulb.

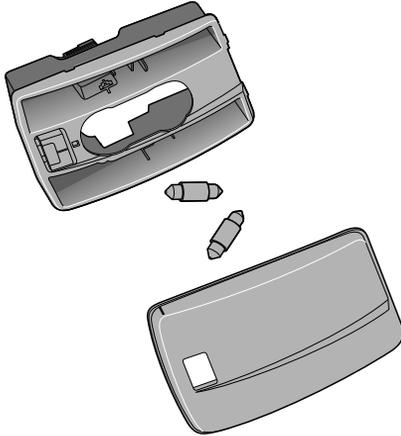


Emergency Troubleshooting

Without rear AC and heating

Pry the glass with screw-driver or similar tools.

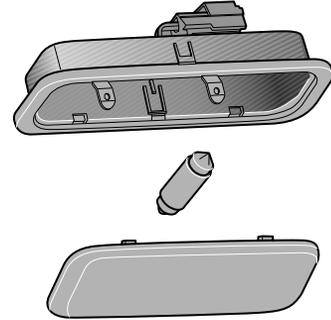
Remove the trouble bulb.



Rear roof vanity light

Pry the glass with screw-driver or similar tools.

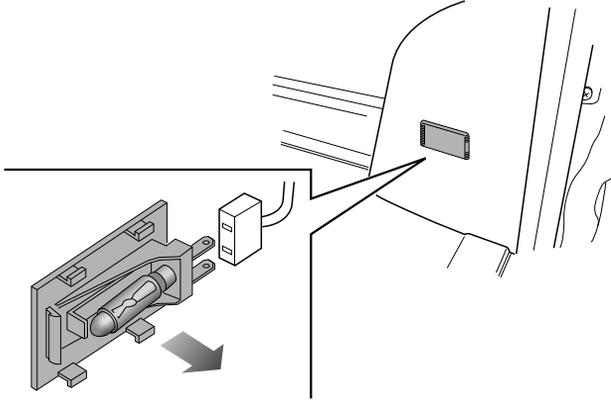
Remove the trouble bulb.



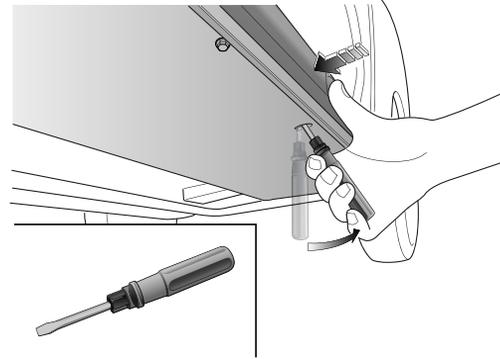
Emergency Troubleshooting

Stepwell light

Pry the stepwell light with screw-driver or similar tools and remove the trouble bulb.



Manual power side stepwell retracting



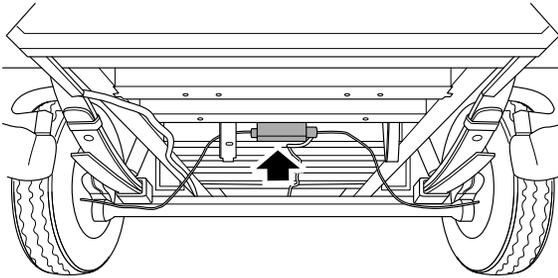
When power side stepwell can not be retracted due to any circuit fault, manual operation could be applied as follows:

- 1 Take the screwdriver out of the vehicle tool kit and select the slot head.
- 2 Correctly insert it to the bottom elliptical hole located nearer to outside. Insert along with inside walls and pay attention to direction of flat screwdriver.
- 3 Use right thumb to press the rubber strip and other four fingers to pry screwdriver outward.
- 4 Keep prying and use left hand to push side stepwell inward.
- 5 Withdraw the screwdriver when side stepwell is retracted.

Emergency Troubleshooting

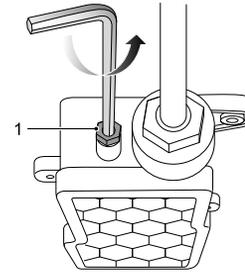
Emergency release of electrical parking brake

! Do not emergency release the electrical parking brake (EPB) on slope.

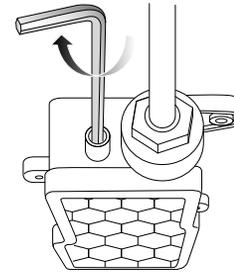


Electrical parking brake (EPB) is in the middle and up of the rear axle of the vehicle. If electrical parking brake (EPB) cannot be released via normal operation, it can be released as per the following methods.

- 1 Enclosure edge of electrical parking brake (EPB) has screwed hexagon nut (1). This port is emergency release port.
- 2 Take out the socket head wrench from the on-board tool kit, which will be used to remove the nut by anti-clockwise.



- 3 Insert the socket head wrench into emergency release port, which will be rotated by clockwise until the vehicle can be pushed from the rear end of the vehicle (in general, the parking can be loosened after 100 circles).



- 4 Install the hexagon nut (1), and socket head wrench and on-board tool kit will be put away.

Maintenance and Service

- 136 Scheduled maintenance
 - 136 Owner's check
 - 137 Front compartment
 - 138 Front compartment hood
 - 139 Coolant
 - 141 Brake fluid
 - 142 Power steering fluid
 - 143 Washer fluid
 - 144 Washer jet
 - 144 Wiper blade
 - 145 Battery
 - 149 High voltage battery pack
 - 151 Tyres
 - 152 Seat belt
 - 153 Other maintenance
-

Maintenance and Service

Scheduled maintenance

Regular maintenance is the key to economy, safety and reliability for your vehicle and it must be remembered that the responsibility for maintaining your vehicle in a safe, roadworthy condition rests ultimately on you, the owner/operator.

Necessary maintenance and the intervals have been specified to maintain your vehicle properly. Regular vehicle maintenance shall be done by Service Dealer in accordance with Warranty & Service Handbook.

It is in your best interest to have your vehicle regularly maintained in accordance with regulations.

Our company Service Dealers are recommended as they have qualified personnel, required facilities and can offer the unique pre-planned service which will give maximum vehicle reliability.

Owner's check

The following are a few simple but important checks which you should make at regular intervals before driving to ensure reliable, economic operation:

Daily checks

- Operation of all lights (ensure all lenses are clean), horn, instrument cluster, warning lights and indicators, windscreen wipers and washers.
- Operation of seat belts.
- Correct functioning of brakes.
- Visually check for signs of water, fluid, exhaust and other leaks under the vehicle.

Maintenance and Service

Weekly checks or check before a long journey

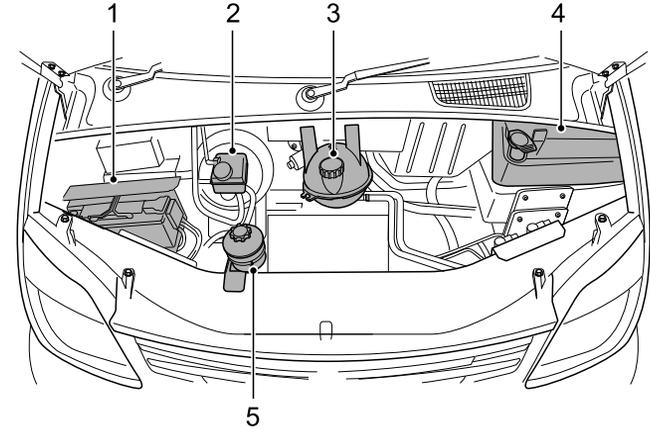
- Check for fluid level / fluid fill-up.
 - Windscreen washer fluid
 - Power steering fluid
 - Brake fluid
- Check for condition and pressure of all tyres (including spare tyres).
- Check and operate AC system.

Arduous use

For vehicles often subject to arduous use it is recommended that service intervals are reduced.

Regular vehicle maintenance shall be done by Service Dealer in accordance with Warranty & Service Handbook.

Front compartment



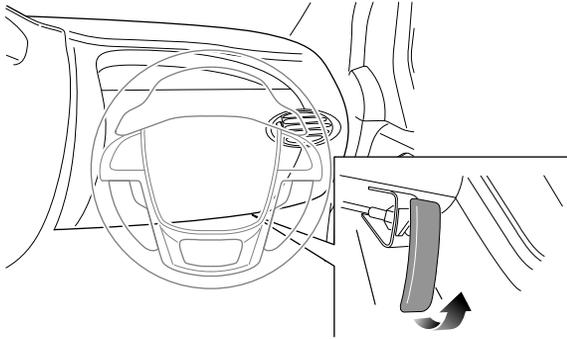
- 1 Battery
- 2 Brake fluid reservoir
- 3 Coolant expansion tank
- 4 Washer fluid reservoir
- 5 Power steering fluid reservoir

Note: Brake fluid reservoir cover is colored yellow for ease of identification.

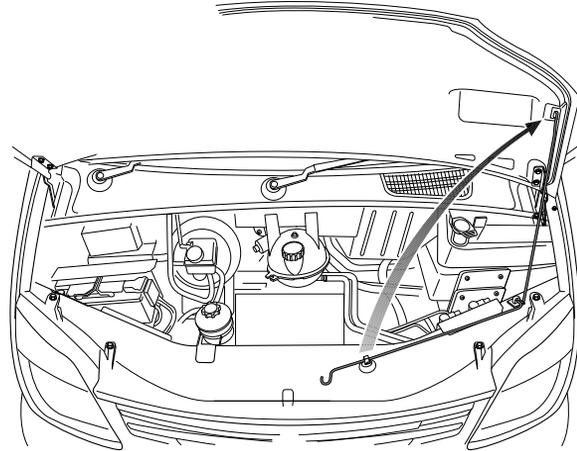
Front compartment hood

Open front compartment hood

- 1 Pull out the front compartment hood release handle below the fascia.



- 2 Raise the front compartment hood slightly and push the safety catch to the left to lift the front compartment hood.
- 3 Raise the support stay, and fit the end into the slot in the front compartment hood.



Close front compartment hood

To close, support the front compartment hood, release and re-clip the support stay and lower the front compartment hood.

Press the front compartment hood down until the lock catch is heard to engage. Attempt to pull the front compartment hood upwards to check that the lock mechanism is engaged properly.

Caution

Before closing, check that no tools, rags, equipment etc. remained in the underbonnet area.

Coolant

 **Antifreeze is harmful if swallowed. Do not allow antifreeze to contact the eyes or skin. If it does, rinse immediately with plenty of water.**

Please add correct specification coolant. Never driving the vehicle if coolant of correct specification is not filled. Coolant specification see "Recommended fluid oil".

At specified intervals the cooling system should be drained, flushed and refilled with the correct amount of anti-freeze solution.

Caution

When charging or replacing coolant, only specified coolant can be used. The use of non-recommended coolant could cause damage to the cooling system and may invalidate the warranty.

Maintenance and Service

Inspection and charge

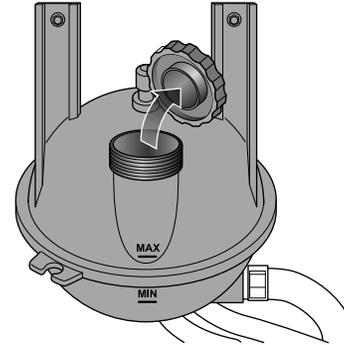
! Do not open the expansion tank cap when the system is in hot condition, otherwise you may be injured by water vapour or hot coolant. If coolant has to be charged when the system is hot, wait 10 minutes, place a thick cloth over the filler cap and turn the cap slowly anti-clockwise to release the pressure in the expansion tank before removing the cap.

Always check the coolant level with the vehicle on level ground and the coolant system stationary (cold condition).

The level is visible in coolant expansion tank and normal level shall be between 'MAX' and 'MIN' marks.

If the level drops to 'MIN' mark, clean area around the coolant expansion tank cap and then turn anti-clockwise to remove it. Top-up with the specified fluid between 'MAX' and 'MIN' marks. Fit expansion tank cap.

Note: *Coolant expands when it gets hot, and the level may then be higher than the level mark.*



Caution

If the level has fallen appreciably, or topping-up is required frequently, suspect leakage or overheating and contact our Service Dealer for inspection.

Brake fluid

! If there is an appreciable drop in the level of the brake fluid, contact Service Dealer as soon as possible.

Use only new, specified brake fluid. Use of old or unspecified fluids can cause loss of braking performance.

Brake fluid cleanliness is essential. Any dirt entering the system can cause loss of braking performance.

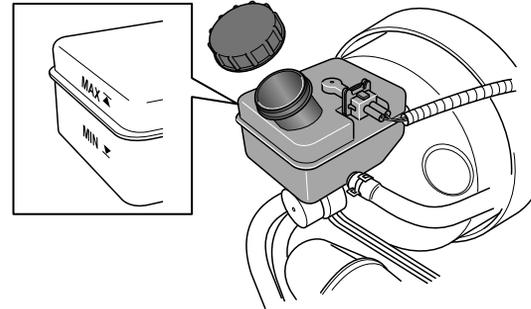
Do not allow brake fluid to contact the skin or the eyes; If it does, rinse immediately with plenty of water. Keep brake fluid out of the reach of children.

Caution

- Only top-up the brake master cylinder with brake fluid complying with specification DOT4. Do not use any other type of fluid.
- Brake fluid will damage paintwork if allowed to contact it. Wipe clean immediately and flush with water.

Inspection and charge

Always check the brake fluid level with the vehicle on level ground and the vehicle in cold condition. Brake fluid level is visible on the reservoir and the normal level shall be between 'MAX' and 'MIN' marks. If the level drops to 'MIN' mark, clean area around the filler cap and then turn anti-clockwise to remove it. Fill up specified new brake fluid between 'MAX' and 'MIN' marks and fit the reservoir cover.



Maintenance and Service

If the level falls below 'MIN' mark, “brake system warning light (red)” on information center display will lights on. This indicates fault in the braking system which must be investigated immediately. If driving, IMMEDIATELY bring the vehicle carefully to a halt. You should contact our Service Dealer immediately. Do NOT drive the vehicle.



Never discard used brake fluid casually to avoid polluting the environment.

Power steering fluid

Caution

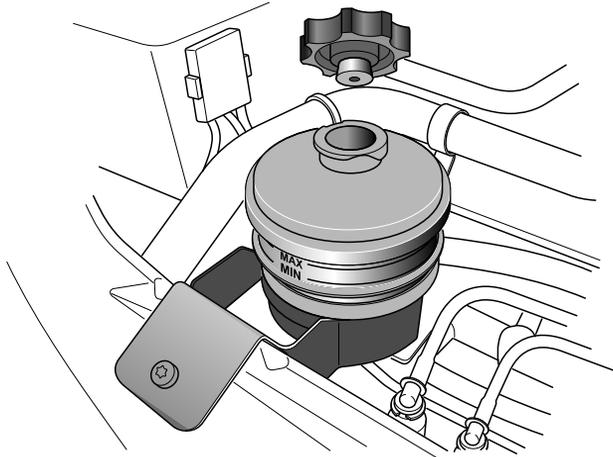
Always use fluid conforming to ATF-DEXRON III specification.

Inspection and charge



If there is an appreciable drop in the fluid level, contact Service Dealer for inspection as soon as possible.

Always check the power steering fluid level with the vehicle on level ground, the vehicle in cold condition and the front wheels in straight-ahead position. Power steering fluid level is visible on the reservoir and the normal level shall be between 'MAX' and 'MIN' marks. If the level drops to 'MIN' mark, clean area around the filler cap and then turn anti-clockwise to remove it before charging new and specified fluid between 'MAX' and 'MIN' marks. Fit reservoir cover.



Caution

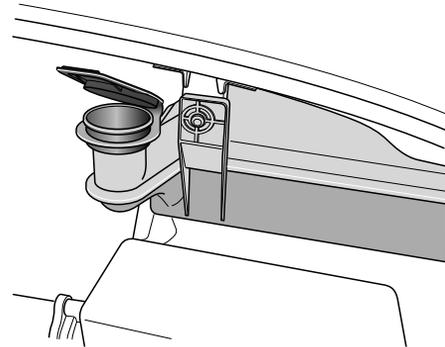
- Do not overfill.
- Do not allow dirt to enter the power steering fluid reservoir.
- Operating the vehicle with insufficient fluid in the reservoir could cause damage to the power steering unit.

Washer fluid

Inspection and charge

! Driving with a non-operational washer system can be dangerous; always check it before driving.

The windscreen washer reservoir is located in the front compartment. To top-up, lift the front of the filler cap to fill washer fluid and then refit it. Washer fluid specification see "Recommended fluid oil".



Caution

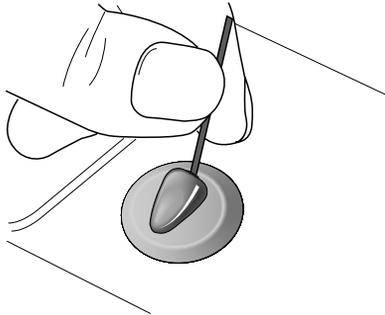
Do not use washer fluid that does not comply with requirements. Do not use tap water as mineral substance in tap water will easily block windscreen washer fluid pipeline or jet.

Washer jet

Adjusting and cleaning

Prior to carrying out jet adjustment or cleaning, ensure that the washer reservoir is topped-up. Use a piece of thin wire or a pin to carefully clean the jets if the jet is blocked.

Direction of washer jet has been set in manufacturing works and normally no adjustment required. If adjustment is required, carefully insert a fine needle into the jet hole to re-position the jet to direct the spray direction towards the middle of the windscreen.

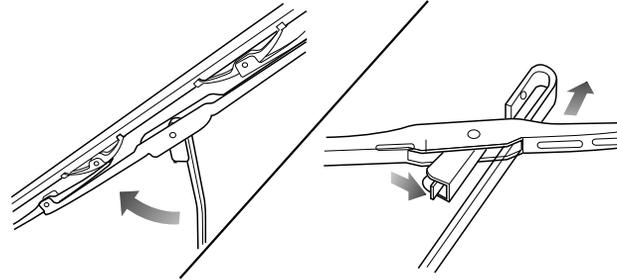


Wiper blade

Inspection

Examine the edge of the blade for roughness or damage, and check that the blade rubber is secure throughout its length.

Note: *Traces of grease and other impurities on the rubber can prevent the wipers from working correctly, and can also damage the windscreen glass.*



Maintenance and Service

Replace

Removal

- Lift the wiper arm from the windscreen and position the blade at right angles to the arm.
- Push down the clip (arrowed) and slide the blade carrier down the arm to disengage the pivot on the carrier from the hook on the arm.

Note: *Note the relative positions of the hook and carrier as the replacement blade must be fitted the same way round.*

Installation

- Fit the blade carrier over the hook.
- Engage the pivot in the hook, and then push it into position until it is heard to click into place.

Maintenance and service

Wash with good cleaner or neutral detergent and wipe clean with soft dry cloth that is free of lint.

Battery

Warning on battery :



Wear goggles!



The acid liquor in battery is strongly corrosive. Ensure to wear protective gloves and goggles!



Any open fire, spark, hard light and smoking is strictly forbidden!



Explosive gas mixture may be generated during battery recharging!



Ensure to keep any child away from the acid liquor and the battery!



There may be risks of injury, corrosion, accident and fire during operations to the battery and any electric apparatus in the vehicle!

Ensure to wear goggles. Do not let any acid or leaded grains into your eyes or onto your skin or clothes.

Maintenance and Service



The acid liquor in battery is strongly corrosive. Ensure to wear protective gloves and goggles. Do not turn over the battery, or acid liquor may be discharged from the exhaust vent. If any acid liquor touched your eyes, immediately flush with clean water for several minutes before seeing the doctor. If any acid liquor spills onto your skin or clothes, immediately neutralize it with thick liquid soap, and then flush with plenty of water. If any acid liquor is swallowed accidentally, see the doctor immediately.

Any open fire, spark, hard light and smoking is strictly forbidden. During working on cables and electric devices and removing electrostatic loads, avoid generating any spark. The electrodes of battery can NEVER be shortcircuited, or may cause injury due to large energy spark.

Explosive gas mixture may be generated during battery recharging. The gas vent of battery should be kept unblocked to discharge the gas correctly. During recharging, the battery should be located in a space with good ventilation.

Before working on any electric devices, please shut down the motor, ignition switch and all of the electric devices. Remove the negative cable of battery. When replacing bulbs, only the lights are required to be shut down.



Ensure to keep any child away from the acid liquor and the battery.

Pay attention to the polarities of power supply. Before powering on, the matches of polarities must be checked.

The duration of each powering on should not be less than 5 seconds. Try to avoid powering on and off too frequently.

When removing the battery, please remove the negative cable before positive cable.

Before powering on the battery again, all of the electric devices should be shut down. Connect the positive cable before negative cable. Never connect the cables incorrectly - risk of fire!

Unauthorised removing and installing of battery is strictly forbidden. In some cases, such operations may cause severe damage to the battery and fuse box. Please contact Service Dealer.

Do not disconnect the battery when the ignition switch is on, otherwise may cause damage to the electric devices (electric components).

To prevent the battery housing from exposing to ultraviolet ray, do not expose the battery under the sunshine.

Duration of storing the vehicle

If the vehicle is stored for long time, devices consuming quiescent current (such as clock, safety device) can exhaust the power of battery, which requires to recharge the battery. To prevent this from happening, please recharge the battery or disconnect its negative cable during storing of the vehicle.

Note: Please read the warnings about battery before working on it.

Caution

Ensure to turn off the ignition switch during storing, otherwise the storing duration can be reduced significantly.

Operating in winter

There are some strict requirements on operating the in-car battery in winter. In addition, the battery can only provide starting power which is a part of that in normal temperature. We suggest to have the in-car battery checked by Service Dealer before the cold season, and recharge it if necessary.

If the vehicle is not used for weeks in cold season, please remove the in-car battery and store in an ice-free room, to prevent it from freezing and damage.

Recharging the battery with ground equipment

 **Do not recharge any frozen battery, or may cause explosion! Even if the battery is unfrozen, there may be acid liquor spilling out and cause corrosion. Any frozen battery must be replaced.**

Turn off the ignition switch and all of the electric devices before recharging.

If the vehicle has been stored for long term and cannot be started due to out of electricity (general terminal voltage $\leq 12V$), the battery must be removed from the vehicle and recharged with ground equipment (follow the instructions provided by manufacturer of the recharging equipment).

During recharging with low current (e.g, a small recharging device), it is unnecessary to remove the connecting cables of battery. However, please ensure to read the instructions from manufacturer of the recharging device.

Before quick recharging (i.e, high current recharging), both of the cables must be removed.

Note: Before working on the battery, please pay attention to the warnings on battery. During recharging, the recharging device can only be connected after the terminal clamps of recharging device is connected to the electrodes of battery. After the recharging is finished, firstly turn off the recharging device, remove the power cable, and then

Maintenance and Service

remove the terminal clamps of recharging device from the battery.

Caution

- Keep any child away from the battery, acid liquor and recharging device.
- The battery can only be recharged in space with good ventilation. Smoking is strictly forbidden. Ensure to keep away from open fire and spark, because explosive gas mixture may be generated during recharging of the battery.
- Protect your eyes and face, never be too close to the battery.
- If any acid liquor touched your eyes or skin, immediately flush with clean water for several minutes before seeing the doctor.
- There is risk to quickly recharge the battery, which should be done by Service Dealer due to requirements on special recharging device and knowledges.
- Any frozen or unfrozen battery must be replaced, because cracks may be found on the frozen housing. It may cause leak of acid liquor and damage to the vehicle.

Removing the battery

Shut down the ignition switch and all of the electric devices before removing the battery.

To remove the battery, firstly remove the negative cable and then the positive cable. And then remove the bolt on the mounting bracket of battery to remove the battery.

Replacing the battery

The battery installed on your vehicle is designed for the corresponding mounting location. To replace the battery, please ensure to use one with the same voltage (12V), structure and safety lable. The current strength and capacity should be same with the orginal battery. Our Service Dealer can offer you with genuine batteries.

When replacing the battery, please ensure that the ignition switch is powered off and all of the electric devices are shut down.



Concerning the disposal of used battery, it is suggested to have the battery replaced by Service Dealer. Additionally, the battery can never be treated as household garbage because it contains sulfuric acid and lead.

Installing the battery

Before installing the battery, please power off the ignition switch and shut down all of the electric devices.

Locate the battery into the position, and fix it with battery bracket.

When connecting the battery, please fix the positive cable before negative cable.

Caution
To prevent the battery from discharging, please power off the ignition switch when you leave the vehicle.

High voltage battery pack

Instructions and restricted conditions

 **According to the characteristics of the lithium battery, the vehicle must be charged and discharged every 30 days in storage period, a long time parking easily results in damage of battery, thereby affects the running of whole vehicle.**

Pure electric vehicle is different from the conventional vehicle, therefore it has particularity on aspects of operation, storage and maintenance, and now some cautions are informed to you.

- 1 Working temperature of high voltage battery pack is $-5^{\circ}\text{C} \sim 60^{\circ}\text{C}$ when charging and $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$ when discharging. The optimum storage temperature is $25 \pm 10^{\circ}\text{C}$.

The vehicle can not be parked for over four hours in place where temperature is over 60°C . Vehicle can not be parked for over 20 hours in place where temperature is lower than -20°C . Vehicle can not be parked for over three hours in places where temperature is lower than -30°C . If it exceeds maximum limit of the storage environment of vehicle, it will directly affect performance of vehicle and lifetime of high voltage battery pack.

Vehicle can not be parked in high-temperature places.

- 2 Vehicle will be kept dry and can not be placed in damp environment such as parking place with ponding. If the

Maintenance and Service

- vehicle is immersed in water or waded into the water, it shall be parked in dry place.
- 3 If it is not used for long time (over three months), make sure that battery capacity is between about 50% SOC. The battery should be charged and discharged once every 30 days (run to 50% SOC with full capacity) vehicle can not be parked for over 7 days when the remaining mileage is less than 20%.
 - 4 Auxiliary power supply of direct current fast charging battery is DC 12V, please confirm this parameter before using the charging station, otherwise it will cause damage of the vehicle.
 - 5 In low temperature, when the battery temperature is lower than -20°C, it can not be charged, meanwhile the instrument may prompt it can not be charged due to low temperature. When charging in winter, try to charge at once after the vehicle is stopped, avoid the charging after long time standing. Barbaric operation to increase temperature of the battery is strictly forbidden.
 - 6 In low temperature in winter, opening warm air for a long time may reduce the mileage of the vehicle. When the vehicle is stored outdoors, it should be parked exposing to the sun and avoid blowing with wind.
 - 7 In normal operation, if coming across the situation that mileage declines rapidly in a short period of time, please go to the Service Dealer for inspection and maintenance in time to confirm whether there is a problem in the battery. When the remaining capacity is less than 30% shown on battery quantity meter, please charge the vehicle to 50% SOC at least as soon as possible to avoid break-down of the vehicle.
 - 8 High voltage battery pack is easily damaged at chassis position through scraping and collision. Therefore, you shall timely contact the Service Dealer if the vehicle has driven on abnormal pavement to check whether the high voltage battery pack has deformation or not and whether enclosure has crack or not.
 - 9 If the vehicle encounters collision and scraping in the utilization process, the vehicle will be timely checked by the Service Dealer to confirm whether the high voltage battery pack has deformation or not and whether the enclosure has crack or not; if serious accident occurs, after accident has been disposed, you shall contact the Service Dealer to transfer the vehicle to the Service Dealer for check.
 - 10 After the vehicle occurs serious accident, personnel in the vehicle need leave the vehicle as soon as possible and contact the Service Dealer for disposal at once.
 - 11 If the vehicle body need be repaired or painted due to damaged in an accident, you must contact the Service Dealer to avoid manual damage or fire disaster of high voltage battery pack and relevant operation can be conducted after dismantling the high voltage battery pack.
 - 12 Full charge operation for first use.

Tyres

! DEFECTIVE TYRES ARE DANGEROUS! Do NOT drive your vehicle if any tyre is excessively worn or damaged, or is inflated to an incorrect pressure.

Frequently inspect the tyres and sidewalls for any sign of distortion (bulges), cuts or wear. Flints and other sharp objects should be removed with a suitable blunt tool. If neglected, they may work through the tyre.

Tyre pressure

! Driving with incorrectly inflated tyres can affect vehicle stability, increase rolling resistance, and cause rapid tyre wear and possible permanent damage to the cords of the tyre casing.

Remember tyre wear and inflation pressure regulations. It is the driver's responsibility to ensure that the tyres meet these requirements.

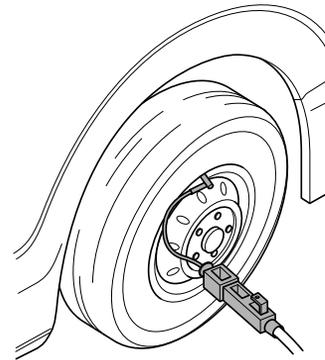
Check the tyre pressures weekly, including the spare tyre, and if necessary, adjust in accordance with pressure requirement of 'tyre pressure sign' on driver/front occupant side door frame, please refer to the actual vehicle. This Handbook introduces the correct tyre pressure in cold condition, see "Wheel and tyre".

The spare tyre should be maintained at the highest recommended pressure and adjusted before use. Pressure

should be checked with an accurate Tyre Pressure Gauge when the tyre is cold instead of decreasing the value under warm condition as the pressure will be higher than normal pressure due to temperature. Always refit the valve caps to prevent dirt entry into the valve mechanism.

A natural pressure loss will occur with time; any unusual pressure loss should be investigated and rectified.

Note: The specified pressure is for cold tyres; warm tyre pressure will be higher.

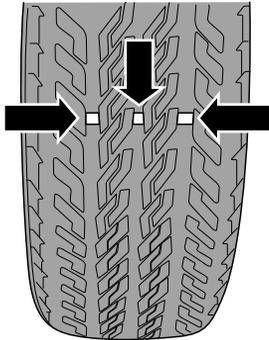


See "Tyres".

Wear indicator

There is wear indicator in tread for all original tyres. When the tyre has worn down until 1,6 mm of the tread is remaining the wear indicator will appear across the full width of the tread pattern.

A tyre should be replaced immediately where any part of the wear indicator becomes visible. However it is in your interest to note that tyre safety and performance tends to reduce before the legal limit is reached. For example, badly worn tyres will increase the risk of aquaplaning.



Seat belt

Inspection

⚠ The belts also have a sensitive retractor which is designed to lock only during heavy acceleration, deceleration or, for example, on tight bends.

Do NOT attempt to test the locking device by intentionally 'launching' your upper torso in a forward direction.

Check ALL seat belts as follows:

- Inspect all belt anchorage points for security.
- Insert the tongue into the buckle and check for a positive locking action. Check that the tongue is released cleanly when the red button is pressed.
- With the belt half unreeled, hold the tongue and give it a sharp pull. Check that the safety mechanism locks automatically and prevents further unreeling.

Maintenance and service

 **Do not attempt to repair retractor or buckle mechanisms, or to modify the seat belts in any way. Seat belts subjected to strain as a result of an accident shall be replaced and the anchorage points checked by the Service Dealer.**

Regularly inspect the belt webbing for signs of abrasion or wear, paying particular attention to the anchorage points and adjusters.

Clean seat belts by sponging with lukewarm water and a mild soap; allow drying naturally - Do NOT heat or exposing to direct sunlight. Do not allow water to enter retractor. Never bleach or color seat belt as its strength may be reduced.

Other maintenance

Vehicle cleaning

 **For first driving after washing the vehicle, gently apply the brake pedal several times to ensure all moisture is removed from the brake discs.**

Carefully clean tyres. Never use high pressure jet as it may damage tyres. If any damage found, replace the tyre.

Flushing water on the forepart of the interior car (close to the dashboard area) is prohibited so as not to cause unnecessary damage to some related parts.

Careful attention to the following will help to retain the value of your vehicle:

- Clean the vehicle with cold or lukewarm water. Hot water may cause damage to vehicle paintwork under extreme cold conditions.
- No vehicle washing under strong direct sunlight during hot weather.
- Use special vehicle cleaner to remove grease and tar spots on vehicle body and while still wet, wash the paintwork using a soft sponge and generous quantities of water containing car shampoo. Rinse thoroughly and dry off with a chamois leather.
- When using a hose to wash the vehicle, never direct the water to window, door or brake parts through wheel clearance.

Maintenance and Service

- After cleaning, inspect the paintwork for damage and stone chips; apply touch-up paint if necessary. Use polishing wax to protect paintwork from time to time.
- When using high pressure cleaning equipments, water jet shall be kept moving. Do not direct it at the door gaps, seals, electrical components or their connections.

Note: Remove apparently harmless looking but often aggressive particles from the paintwork immediately - e.g. bird droppings, tree resins, insect remains, tar spots, road salt and industrial fall-out. Otherwise permanent staining or damage will be produced.

Anti-corrosion of underbody

The underbody of your vehicle has been treated with anticorrosion. Check underbody anti-corrosion regularly.

Use a water jet to remove accumulations of caked mud or debris on underbody. This is especially important during winter when salt has been used on the roads.

Seat and trim

Often use vacuum sweeper or soft brush to clean dirt and dust accumulated on fibers. Often use clean cloth to wipe the trim. Use special cleaner to remove general trim dust, staining or spot. Use special cleaner to clean leather parts.

Door seal

To prevent rubber door seals freezing during cold weather, rubber maintenance product or silicone spray shall be used for protection.

Window glass

Often use glass cleaner to clean window glass.

The headlamp lenses are clear plastic. Use good cleaner or neutral detergent to wash rather than abrasive or chemical solvent.

General Technical Parameters

156 Major vehicle dimension parameters

157 Vehicle weight parameters

158 Dynamic performance parameters

159 Drive motor parameter

160 Chassis technical parameters

161 Recommended fluid oil

162 Wheel and tyre

163 Wheel alignment parameters

General Technical Parameters

Major vehicle dimension parameters

Model	SV6C-A810	SV6C-E819
	SV6C-B810	
Length of external dimensions, mm	5700	5620
Width of external dimensions, mm	1998	1996
Height of external dimensions, mm	2345, 2552	2136
Wheelbase, mm	3850	3850
Front suspension, mm	865	854
Rear suspension, mm	985	916
Front track/Rear track, mm	1734/1728	
Minimum turning diameter, m	14.8	14.8

General Technical Parameters

Vehicle weight parameters

Model	SV6C-A810 SV6C-B810	SV6C-E819
Gross vehicle weight, kg	3500, 3550	3500, 3550
Gross train weight, kg	2495, 2540	2160
Specified passenger capacity(Seat capacity)	3	3

General Technical Parameters

Dynamic performance parameters

Item		Parameters
Max speed, km/h	Max speed	100
Max.reverse speed, km/h		20
Gradeability, %	Max.gradeability	20
Accelerating ability, second	Accelerating time from 0 to 50 km/h	9

General Technical Parameters

Drive motor parameter

Model	TZ249XSS001
Rated speed, r/min	3600
Peak speed, r/min	10000
Rated power, kw	60
Peak power, kw	92
Max. torque, Nm	320

General Technical Parameters

Chassis technical parameters

Item	Parameters
Front suspension	McPherson independent suspension
Rear suspension	Independent suspension of parallel leaf spring type
Leaf spring type	Multiple-leaf spring
Leaf spring specification	Stiffness of main spring 69 N/mm, composite stiffness 97 N/mm
Wheel dynamic balance requirement	Residual dynamic unbalance on both sides of wheel assembly shall be less than 10g
Sound free travel of brake pedal	Within 10mm
Reasonable application range of brake friction pair	At least 2mm remaining before wearable material reaching its wear limit

General Technical Parameters

Recommended fluid oil

Item	Specification	Capacity
Coolant, L	D-35(-35°C)	6.1
Brake fluid, L	Laike 901-4 DOT 4	0.8
Power steering fluid, L	ATF-DEXRON III	1.4
Reducer lubricating fluid, L	Lopal ATF 330	1.8±0.1
Washer fluid, L	Universal lower freezing point washer fluid	2.4
AC refrigerant(Minibus), g	R134a	700±30(Front air conditioner) 1200±30(Rear air conditioner)
AC refrigerant(Van), g	R134a	850±30(Front air conditioner)
AC refrigerant(Van for EU countries), g	R1234yf	750±30(Front air conditioner)

General Technical Parameters

Wheel and tyre

Item	Parameters	
Wheel rim specification	6Jx16	
Tyre specification	215/75R16C	215/70R16C
Gross vehicle weight, kg	3500	
Tyre pressure of front wheel (cold condition)	400kPa/4.0bar/58psi	375kPa/3.75bar/55psi
Tyre pressure of rear wheel (cold condition)	500kPa/5.0bar/73psi	375kPa/3.75bar/55psi
Tyre pressure of spare wheel (cold condition)	500kPa/5.0bar/73psi	375kPa/3.75bar/55psi

General Technical Parameters

Wheel alignment parameters

Item		Parameters
Front wheel	Wheel camber	$0.5 \pm 1^\circ (-0.5^\circ \sim 1.5^\circ)$ Difference between left and right $(-0.5^\circ \sim 0.3^\circ)$
	Kingpin caster	$0.6 \pm 0.9^\circ (-0.3^\circ \sim 1.5^\circ)$ Difference between left and right $(-0.3^\circ \sim 0.3^\circ)$
	Toe-in	Individual wheel toe-in $-0.11^\circ \sim 0.02^\circ$ Total toe-in $-0.22^\circ \sim 0.04^\circ$ Absolute difference value between left and right no more than 0.05°
	Kingpin inclination angle	$10 \pm 2.5^\circ (7.5^\circ \sim 12.5^\circ)$
Rear wheel	Rear wheel trust angle	$0 \pm 0.25^\circ$