

CHAPTER 3

Know your car

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FRONT SEAT

SINGLE SWITCH TYPE

The switch fitted to these types of seats electrically controls the height and tilt adjust of the front seats. The other seat adjustments are made manually.

Driver's height and tilt adjust

Move the whole of the switch up or down to move the whole of the seat up or down.

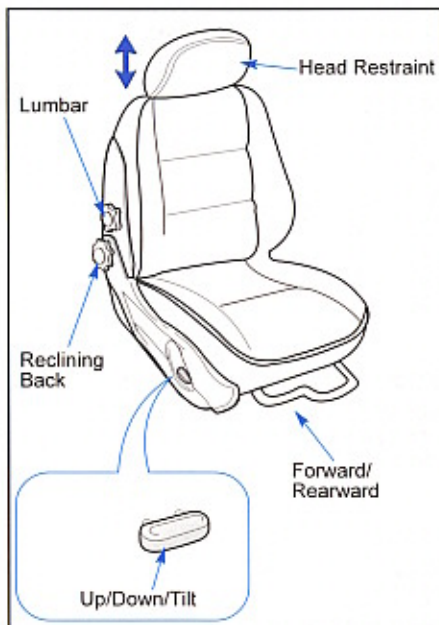
The switch can also be tilted to adjust the seat angle. Tilt the switch up at the front to tilt the front of the seat up. Similarly, tilt the switch down at the rear to tilt the seat down at the rear.

Backwards/forwards

Lift up the bar at the front of the seat, then slide the seat forwards or backwards. Release the bar. Try to move the seat back and forth to check that the catch is fully engaged.

Do not adjust the driver's seat when the car is moving, as the seat could move suddenly, causing the driver to lose control.

Refer following page for backwards/forwards adjustment if electrically adjusted.



Reclining back

Turn the lower toothed wheel on the door side of the seat. The seat back moves in the same direction as the top of the wheel.

CAUTION: To avoid reducing the effectiveness of seat belts, seats should only be semi-reclined when the car is moving. The fully reclined position should only be used when the car is stationary.

Lumbar support (if fitted)

Move the upper wheel (on the door side of the seat) to alter support given to the lower part of your back.

Head restraint

This safety feature is not intended as a headrest. It is solely for the reduction of whiplash neck movement in a car accident.

To adjust the height of the head restraint, pull up or push down, as required. The upper edge of the head restraint should be approximately at eye level, never at neck level.

In addition, some models have several tilt angles provided. Pull the head restraint forward. When the last position has been reached, a further pull returns the head restraint to the rearward, upright position.

FRONT SEAT cont.**DUAL SWITCH TYPE**

Two switches are fitted to these types of seats.

The front switch is used to electrically adjust the height, the tilt and the movement of the seat forwards and backwards.

The rear switch is used to electrically adjust the angle of the back of the seat.

Adjustment to lumbar support and head restraints are made manually.

Height and tilt adjust (front switch)

Move the whole of the switch up or down to move the whole of the seat up or down.

The switch can also be tilted to adjust the seat angle. Tilt the switch up at the front to tilt the front of the seat up. Similarly, tilt the rear down at the rear to tilt the seat down at the rear

Backwards/forwards (front switch)

Move the whole of the switch forwards or backwards, as required. The seat moves in the same direction as the switch.

Reclining back (rear switch)

Tilt the switch to adjust the angle of the back of the seat. The seat back moves in the same direction that the switch is tilted to.

Lumbar support

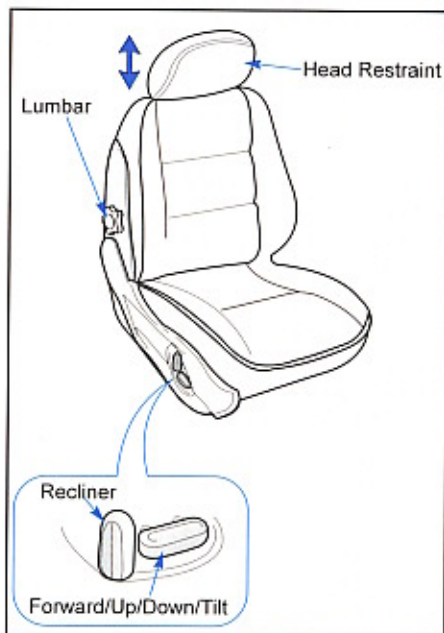
Move the wheel (on the door side of the seat) to alter support given to the lower part of your back.

Head restraint

This safety feature is not intended as a headrest. It is solely for the reduction of whiplash neck movement in a car accident.

To adjust the height of the head restraint, pull up or push down, as required. The upper edge of the head restraint should be approximately at eye level, never at neck level.

In addition, several tilt angles are provided. Pull the head restraint forward. When the last position has been reached, a further pull returns the head restraint to the rearward, upright position.



REAR SEAT

Sedan rear seat

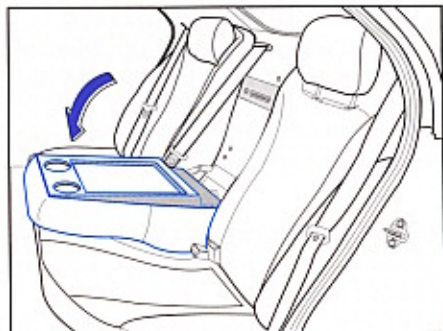
The middle section of the rear seat may be folded forwards to gain access to the boot area or for carrying long, awkward loads.

To fold the middle section forward, push down the lock button at the top of the middle section.

To return to the upright position, simply push back into place and check to ensure the lock button is engaged and the seat belt is free.

In addition, some higher luxury models have an armrest provided in the middle section. To fold down the armrest, insert your hand at top of the armrest and pull down. Push up armrest if upright position is required.

Note that the small toggles located under the front of the rear seat are provided for ease of seat removal. They are not designed for any other purpose.



Adjustable rear head restraints (if fitted)

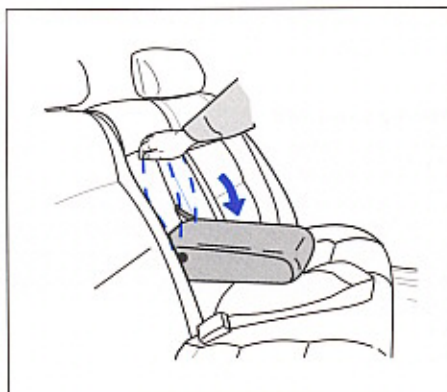
This safety feature is not intended as a headrest. It is solely for the reduction of whiplash neck movement in a car accident.

To adjust the height of the head restraint, pull up or push down, as required. The upper edge of the head restraint should be approximately at eye level, never at neck level.

Wagon rear seat

Berlina wagon models have an armrest provided in the middle of the rear seat. To fold down the armrest, insert your hand into the top of the armrest and pull down.

The armrest should always be tucked back up into the seat-back when folding the seat-back forwards, see following page.

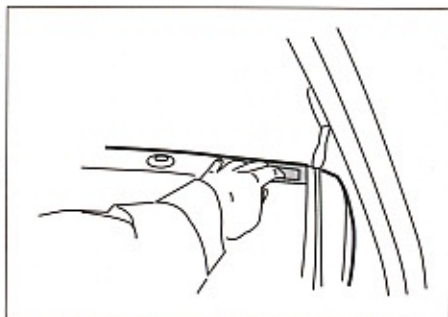


WAGON REAR SEAT FOLD DOWN

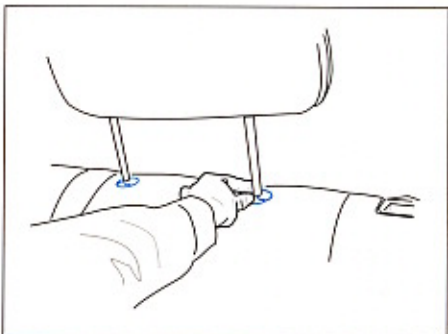
The rear seat is divided into two sections. Either section or both sections may be folded down.

To fold down a section:

1. Push down the lock button located on the upper edge of the seat.
2. Pull the seat-back forward and down.

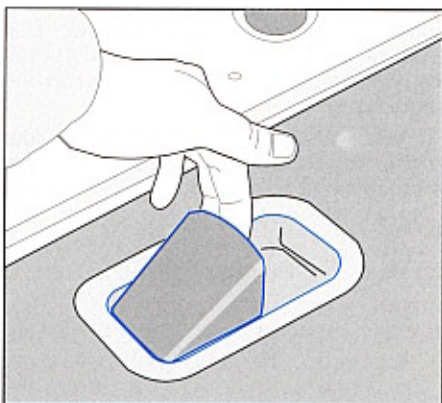


3. Berlina only: If the rear head restraint contacts the front seat while folding the rear seat down the rear head restraint should be removed. Push in the locking clip at the base of the head restraint and pull the head restraint up and out.
4. Apply pressure to the seat-back when in the down position to lock the seat into place.



To return the seat-back to the upright position, pull the release handle outwards while raising the seat-back. Return the seat to the upright position. Ensure that the seat-back is secured firmly in place and that the seat belts are free.

Replace any head restraints by pushing in the locking clip located where the head restraint slots into the seat-back while inserting into place.



CAUTION: To avoid injury from passing traffic, don't stand on the right hand side of the car (if the car is parked at the kerb) when converting the rear seat.

SEAT BELTS

Lap/sash belts

To fasten, pull the metal tongue across your body and clip into the buckle. When the metal tongue is locked safely into place you will hear a "click". After fastening, settle the belt at the hip, go across to the buckle, then up under the sash. Any extra belt length retracts automatically.

The lap section should be worn as low as possible on your hips, not on your waist. Make sure the belt is free from twists and that it fits firmly.

The "emergency-locking retractor belt" allows you to move while the car is travelling normally but locks immediately on fast braking, impact with a solid object or any quick movement by the wearer.

To undo the belt, press the release button on the buckle and allow the belt to retract. Check that it fully retracts without twisting or turning.



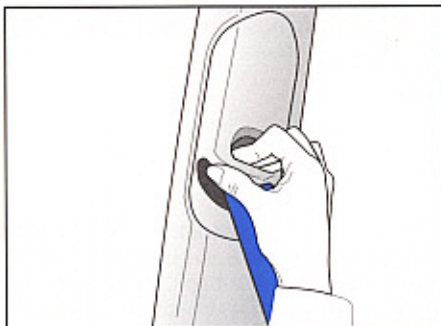
Shoulder height adjust (if fitted)

The seat belt is anchored to the car near your shoulder. The position of anchorage can be moved to different heights.

Squeeze the adjuster and move it up or down as required. Ensure the anchor clicks into position.

Short people should select a low anchor position, tall people a higher one. This ensures, for both safety and comfort, that the webbing of the seat belt fits on the shoulder.

For your safety, the driver's side shoulder anchor should not be adjusted while the car is in motion.



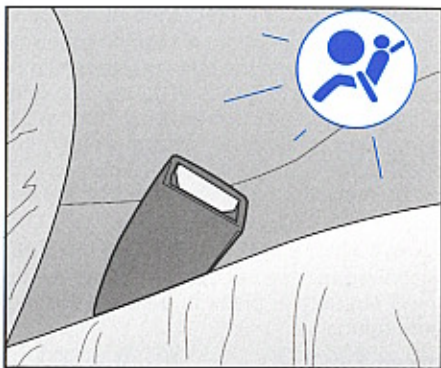
SEAT BELTS cont.

Seat belt pre-tensioners

The front seat belt system incorporates seat belt pre-tensioners. In the event of a frontal collision the belt buckles are pulled downwards; the diagonal and lap belts are instantaneously tightened.

If the belt tensioners are actuated, the seat belt warning light on the instrument panel won't go out after the usual few seconds. This is designed to remind you that the pre-tension system has been used and, therefore, needs to be replaced by your Holden Dealer. The seat belts will remain operational, apart from this safety feature.

If the light comes on at any other time you should see your Holden Dealer immediately to have the system checked.



Australian law requires that the driver and all passengers are properly restrained at all times with the seat belts provided in the car. Failure to do so could increase the chance of injury and/or the severity of injury in accidents.

WARNING:

Seat belts are designed to bear upon the bony structure of the body, and should be worn low across the front of the pelvis or the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided.

Seat belts should be adjusted as firmly as possible, consistent with comfort, to provide the protection for which they have been designed. A slack belt will greatly reduce the protection afforded to the wearer.

Care should be taken to avoid contamination of the webbing with polishes, oil and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water. The belt should be replaced if webbing becomes frayed, contaminated or damaged.

It is essential to replace the entire assembly after it has been worn in a severe impact, even if damage to the assembly is not obvious.

Belts should not be worn with straps twisted.

Each seat belt assembly must only be used by one occupant; it is dangerous to put a belt around a child being carried on the occupant's lap.

No modification or additions should be made by the user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat belt assembly from being adjusted to remove slack.

The positioning of the tongue restrictor must never interfere with, or stop, the belt from fully retracting.

CHILD RESTRAINTS

Children should be restrained at all times when travelling in a car.

Up to the age of about 6 months, babies should be carried in a rearward-facing infant capsule. Between the ages of 6 and 12 months, they should be in a rearward-facing child seat. Between the ages of 12 months and 3 years, children can be carried in a forward facing infant seat. When they outgrow this type of seat (approximately 3 years old depending on their height and weight) children can be seated in an approved booster seat, restrained by a lap/sash safety belt. By the age of approximately 6 years, when they weigh more than 32 kilograms and are over 100 cm tall, children can graduate to a lap/sash safety belt alone.

Always ensure that the seat belt fits firmly around the infant restraint.

If a child can't see out of the window, don't raise him/her by means of an ordinary cushion. It will not stay in place in a crash and the child can slip out of the straps and become entangled.

WARNING: Child restraint anchorages are designed to withstand only those loads set out in Australian Standard AS 1754-1991 (and subsequent amendments). Under no circumstances are they to be used for adult seat belts or harnesses or for attaching other items or equipment to the vehicle.

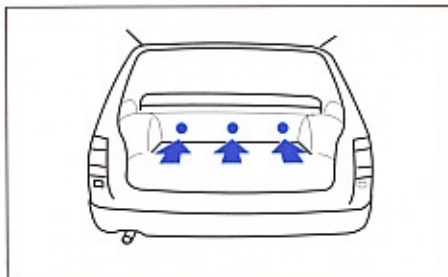
Your car is fitted with three anchorage points for child restraints. An anchor fitting has been provided in the centre position.

WARNING: NEVER install a rear facing child restraint in the front seat of a car with a passenger's air bag. The child could be seriously injured if the passenger's air bag inflates, as the child's head would be very close to the inflating air bag. Where legally allowable, you may install a forward-facing child restraint in the front seat but **always** move the passenger's seat as far back as it will go.

It is always better to install a child restraint in the rear seat.

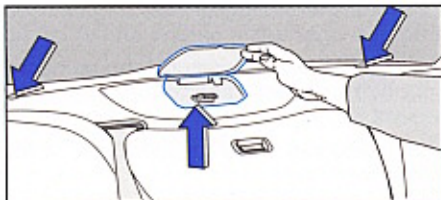
Never install a child restraint in the front seat of a car fitted with Side Impact Airbags.

Wagons: anchor locations are on the rear of the rear seat backs.



Sedans: anchor locations are on the parcel shelf.

The centre position is hidden by a hinged cover. Pull the cover up at the front to access the anchor.



ADDITIONAL CHILD RESTRAINTS

One anchor fitting was installed in your car, in the centre position, shown on the previous page.

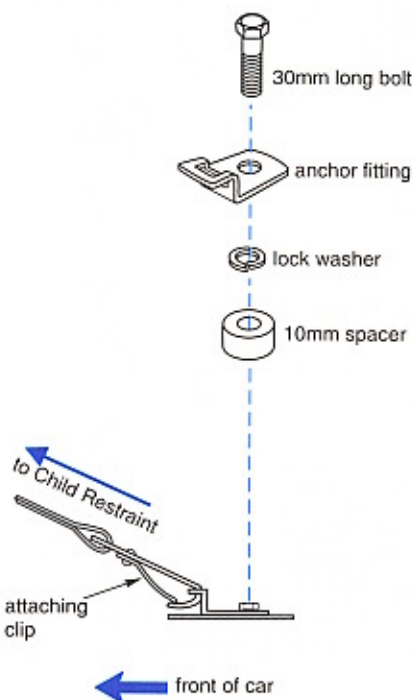
The illustrations on this page show how to install additional anchor fittings to the other anchorage points. These can be purchased from your Holden Dealer.

These illustrations are only applicable to child restraints approved to Australian Standard AS 1754-1991 (and subsequent amendments). These illustrations are *not* applicable to earlier child restraints, as these restraints may not attach securely to this type of anchor fitting.

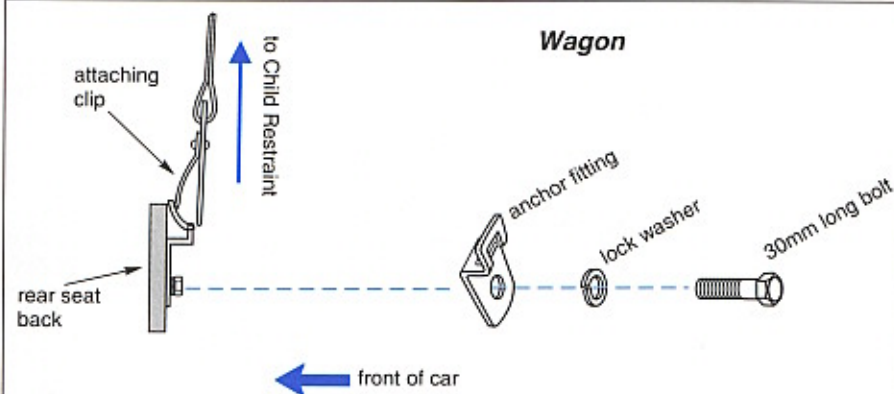
If you wish to put a child restraint in either of the outer positions, first remove the cover plug.

Then, install an additional anchor fitting, using the bolt, lock washer and spacer (for sedan only), as per the illustrations. Ensure that the bolts are securely tightened between 15 and 25 Newton metres. Check with your Holden Dealer if unsure.

Sedan



Wagon



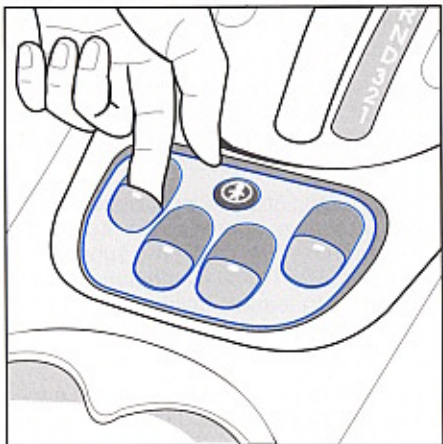
POWER WINDOWS

Power windows

The main window switches are located between the front seats.

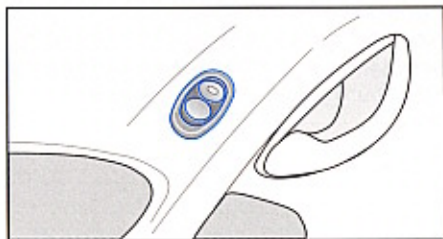
The switches are operational when the ignition is turned to ON or the UNLOCK button on the key is pressed; green lights on the switches indicate when they are active.

To raise the window, pull up the switch; to lower, push down the switch.



Rear power windows (if fitted) can also be operated by individual switches located on the rear doors.

These *rear door* switches can be deactivated / reactivated by pressing the "child safety" switch in the centre console. The rear window switches are deactivated when the switch is in the down position.



"Auto down" - driver's window only

Hold the switch down for more than half of a second and remove your finger. To interrupt the "auto down" move the switch up or down again.

Rock the down button to open the window in short steps.

Time delay

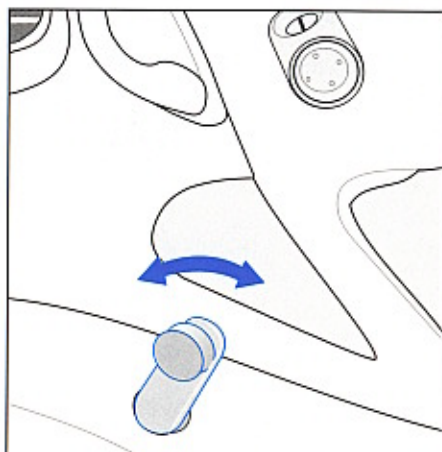
The windows can be operated for about one hour after turning off the ignition or pressing UNLOCK on the car key, provided all the doors are kept shut. Once a door is opened, the windows can only be operated for 45 seconds. The green "active" light on the switches will go off when the time delay finishes.

Pressing LOCK on the car key immediately deactivates the windows.

MANUAL WINDOWS AND MIRRORS

Manual windows

Turn the winders on each door to raise or lower the window.

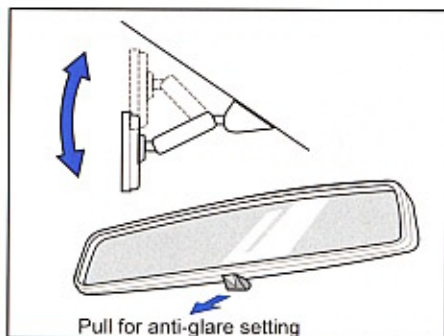


Internal rear view mirror

Moving the lever on the lower edge of the mirror reduces headlight glare from following cars when driving at night.

During daylight driving, the lever should be set forward, away from the driver. At night, flick the lever towards the driver.

Note that rear view clarity is reduced when the mirror is set to the 'night' position.



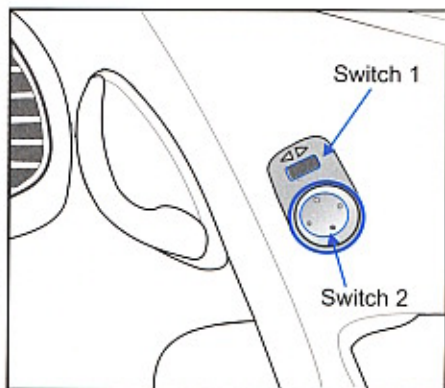
External rear view mirror

Mirror angle can be adjusted using the switches on the driver's door armrest, when the ignition is turned ON.

Rock *switch 1* to left mirror, or right mirror.

Press the dot on the edge of *switch 2* in the direction you wish the mirror to move. The mirror can move up, down, left or right.

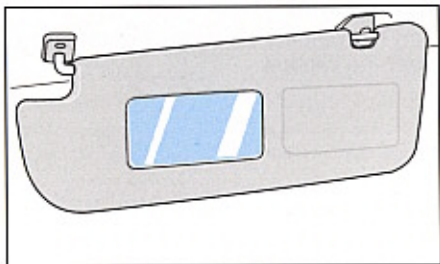
The left mirror is convex shaped, to provide a wider view. Objects appear further away than they actually are.



MIRRORS cont.

Looking glass

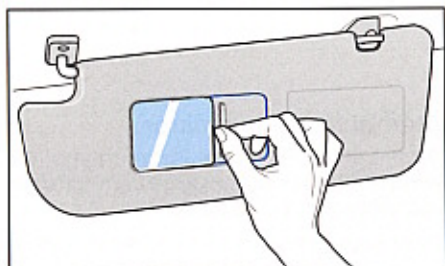
A looking glass mirror is provided on some models, on the passenger's side sunvisor.



Looking glass with cover

On some models, the looking glass mirror is provided with a cover.

Slide the cover to the right to show the mirror.

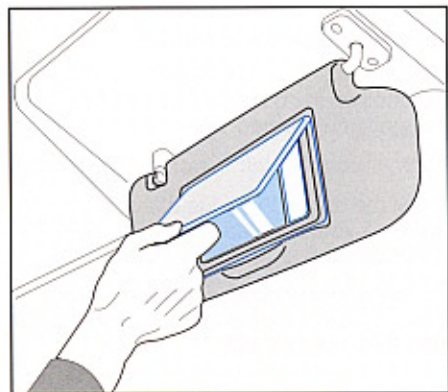


Looking glass with light

On higher luxury models a looking glass is provided on both the passenger and driver's side sunvisor.

The mirror is hinged at the top. To view the mirror, pull up from the lower edge.

The lights, at either side of the mirror, automatically turn on and off when the cover is opened and shut.



INTERIOR LIGHTS

Interior (dome) light

The light in the centre of the roof can be switched to:

OFF (always off)

ON (always on)

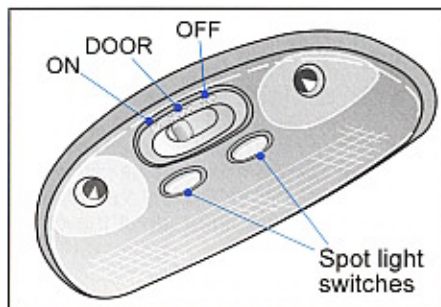
or **DOORS**

DOORS: The light automatically switches on when a door is opened and switches off 30 seconds after all doors are closed. Switching the ignition on, however, switches the light off immediately (unless a door is open).

"Doors" is the centre position for the switch.

For your convenience, the interior light will automatically switch ON for 30 seconds when the ignition is switched off. On higher luxury levels, this will only happen at night. This feature can, however, be electronically turned off by your Holden Dealer, if required.

Usage of lights is also affected by the 1 hour Battery Saver, refer last page of this chapter.

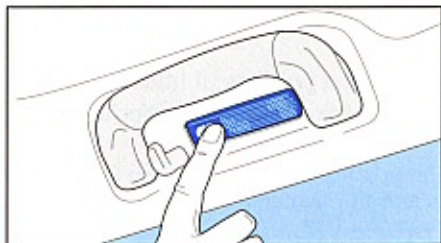


Front spot lights (if fitted)

Front spot lights are incorporated in the dome light assembly. Press the individual switches to turn the spot lights off or on, as required.

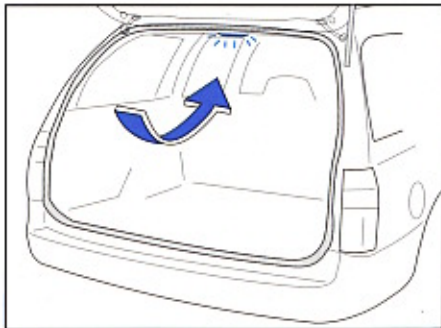
Rear reading lights (if fitted)

The rear reading lights (above the rear doors) may be individually turned to OFF, ON or to DOOR. If DOOR is selected, then they operate in conjunction with the centre dome light.



Wagon rear compartment light

The light comes on when the tailgate is open and automatically switches off when the tailgate is closed.



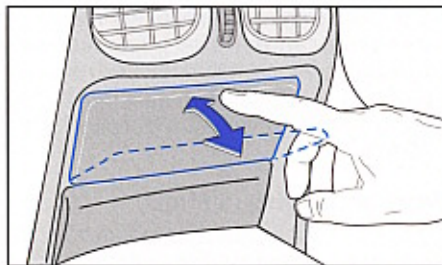
STORAGE COMPARTMENT, CIGARETTES & ASH TRAYS

The area directly beneath the radio has two uses. All cars are built with a storage compartment with a hinged cover. This can be replaced, if required, by an ashtray and lighter. Your Holden Dealer can order and fit the ashtray and lighter, after removing the storage compartment. At the same time, a rear ashtray and lighter can also be installed for you, at the rear of the centre console, if required.



Front storage compartment

Rear storage compartment (if fitted)

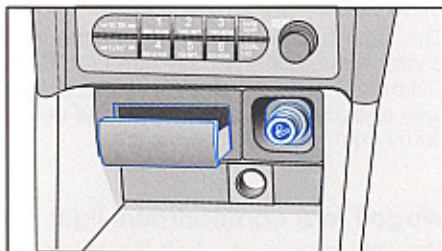


Cigarette lighters (if fitted)

The cigarette lighter works when the ignition is turned to either ON or ACC.

Press in the lighter knob; when the element is hot the lighter automatically pops out, ready for use.

The cigarette lighter should not be used as a power socket. A power socket has been provided in another location, see following page.



Ash tray (if fitted)

To use, pull the cover outwards.

To clean, open the ashtray and squeeze the top flap while pulling the whole tray out. Note that you may have to move the transmission control backwards when pulling out the front ashtray, so remember to have the park brake applied.

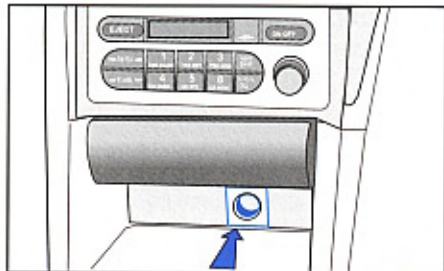
POWER SOCKET, CONSOLE, ASSIST GRIPS

Power socket

A power socket is provided on all cars, in front of the gear/transmission shift lever.

Note: Any accessory device (mobile phone, car fridge etc.) connected to the power socket must not exceed a current draw of 10 amps.

The power socket is operational when the ignition is turned to either ON or ACCESSORIES.

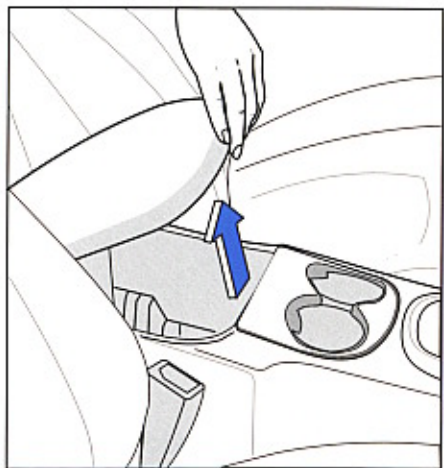


Centre console

The front armrest opens into a storage area. Lift at the front edge.

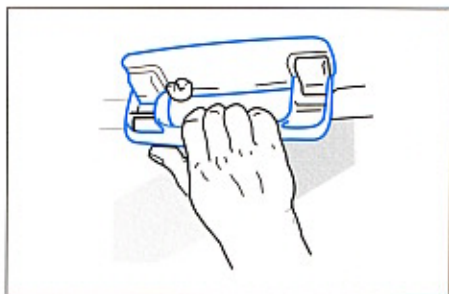
The lid opens to a near vertical position and should not be forced further backwards.

The rubber mat inside the console has been designed to hold a pen, coins, CDs and cassettes.



Assist grips

Assist grips are provided in the roof, above the doors, which will tuck back into place when released.



CUP HOLDERS

Front cup holders:

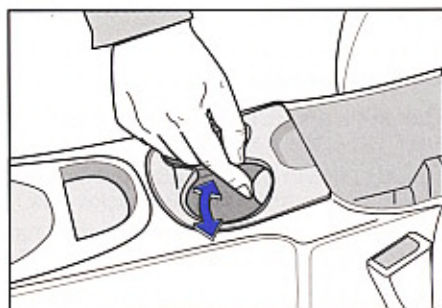
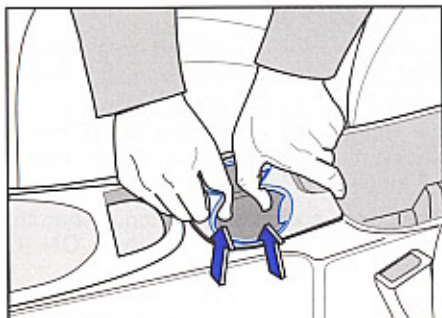
Cup holders are provided between the front seats.

Don't forget full cups when you drive off!

Cup holders can be removed for cleaning. Grasp at the centre points and pull up. When re-installing, push the front end in first, then click down.

The cup holders are designed for holding standard size soft drink cans and smaller size bottles. They may not fit larger drink bottles or cups and these should not be forced in, or they may become jammed.

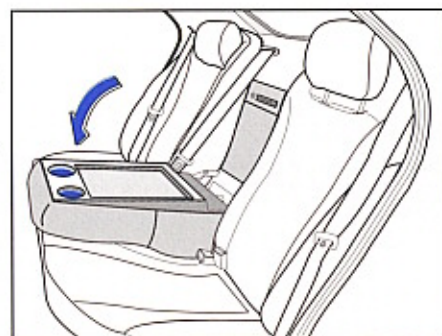
The tab provided to hold smaller cups is made of rubber. If, through rough use, it becomes torn or damaged it can be rotated as shown, as the shape is actually a circle.



Rear cup holders (sedan only):

The middle section of the rear seat can be folded down on sedan models. The cup holders are fitted to the underside of the fold down seat.

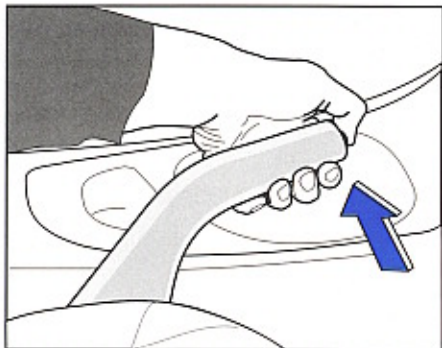
Again, don't forget the cups when you drive off.



PARK BRAKE, FOOTREST, FUEL**Park brake**

The park brake lever is located between the front seats.

- To apply, pull the lever straight up, without pressing the release button. To release, pull the lever slightly upwards, push in the release button on the end of the lever and whilst depressed, lower the lever all the way down.
- When the ignition switch is turned to ON, a symbol on the instrument panel indicates that the park brake is applied.
- NEVER drive the car with the park brake applied.
- If you attempt to drive off without releasing the park brake an audible warning chime will be heard.

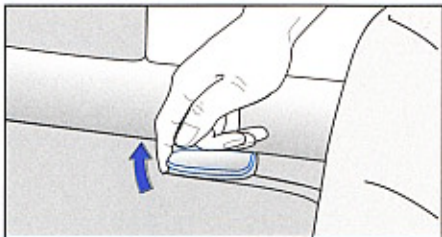
**Footrest**

The footrest for the driver's left foot is adjustable to three places. First undo the two screws on the right hand side of the footrest. Move the footrest forward or backward as required, then replace the screws. If you have any problems with this adjustment, your Holden Dealer will be happy to assist.

Fuel filler release

Pull up the release lever on the floor, to the right of the driver's seat.

Refer to Chapter 5 when refuelling.



BATTERY SAVER - 1 HOUR TIMER

To help save the battery, a "battery saver" feature has been built into this car. It will activate when there has been no electrical change for 1 hour (nothing switched on or off) after the ignition has been switched to:

- OFF (higher luxury cars such as Berlina and Calais)
- or
- to OFF or ACCESSORIES (all other models)

At this time all the internal lights will switch off: dome, reading, foot well, ignition, door, glove box and boot.

The light system is "woken up" by many things, such as opening a door or switching on the ignition. However, if for example, the dome light switches off after 1 hour (and is still required to be ON) the system will not be woken up by switching the dome light off and on. It is suggested that the ignition switch be turned to ON, then back to OFF to wake up the affected electrical systems.

The battery saver timer can be adjusted anywhere between 5 and 255 minutes by your Holden Dealer. The 1 hour timer is the default setting when the car is built.