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MG6 Owners Handbook

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## Introduction

### The Owner's Handbook

This handbook describes all of the vehicles and standard equipment specification within the model range. Some of the information therefore, may not apply to your particular car.

Always remember that if you have any queries concerning the operation or specification of your car, your MG Authorised Repairer will be glad to advise you.

### Status at Time of Printing

MG operates a policy of constant product improvement and therefore reserves the right to change specifications without notice at any time. Whilst every effort is made to ensure complete accuracy of the information in this publication, no liabilities for inaccuracies or the consequences thereof, including loss or damage to property, or injury to persons, can be accepted by the manufacturer or MG Authorised Repairer who supplied the publication, except in respect of personal injury caused by the negligence of the manufacturer or MG Authorised Repairer.

## Symbols Used

The following symbols used within the handbook call your attention to specific types of information.

### Warning



*This warning symbol identifies procedures that must be followed precisely, or information that must be considered with great care, in order to reduce the risk of personal injury or serious damage to the car.*

### Important

#### IMPORTANT

The statements stated here must be followed strictly, otherwise your car could be damaged.

### Note

*Note: This describes helpful information.*

# PREFACE

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This symbol indicates parts described must be disposed of by authorised persons or bodies to protect the environment.

## Asterisk

An asterisk (\*) appearing within the text, identifies features or items of equipment that are either optional, or are only fitted to some vehicles in the model range.

## Illustration Information



Identifies components being explained.



Identifies movement of components being explained.

## In an Emergency

### IMPORTANT

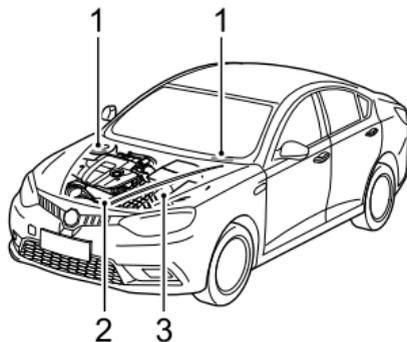
#### Remember the breakdown safety code

If a breakdown occurs while travelling:

- Wherever possible, consistent with road safety and traffic conditions, the car should be moved off the main thoroughfare, preferably into a lay-by. If a breakdown occurs on a motorway, pull well over to the inside of the hard shoulder.
- Switch on hazard lights.
- If available, position a warning triangle or a flashing amber light 150 to 500 ft behind your vehicle to warn approaching traffic. Note it is a legal requirement of some countries that a warning triangle is carried in the vehicle, if in doubt consult the local highways agency for further information.
- Consider evacuating passengers through nearside doors onto the verge as a precaution in case your vehicle is accidentally struck by other traffic.

## Vehicle Identification Information

### Vehicle Identification



- 1 Vehicle Identification Number (VIN)
- 2 Engine Number
- 3 Transmission Number

Always quote the Vehicle Identification Number (VIN) when communicating with your MG Authorised Repairer.

### Vehicle Identification Location

#### *VIN Location*

- Stamped on a plate visible through the bottom left hand corner of the windscreen.
- On the identification plate.
- On the top of the front RH suspension unit.

#### *Engine Number Location*

Stamped on the rear - right of the cylinder block. (View from the front of the engine)

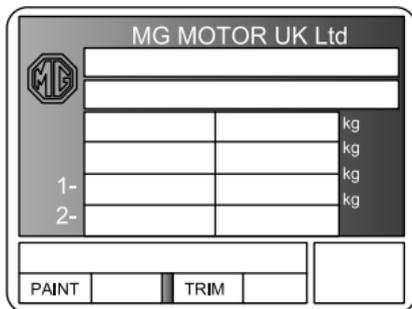
#### *Manual Transmission Number Location*

On a label attached to the upper face of the transmission housing.

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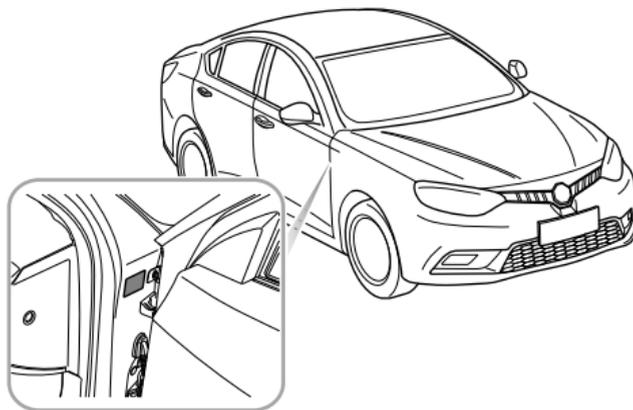
## Vehicle Identification Label



The vehicle identification label contains the following information.

- Type Approval Number
- Vehicle Identification Number (VIN)
- Gross Vehicle Weight
- Gross Train Weight
- Max Front Axle Weight
- Max Rear Axle Weight
- Paint Code
- Diesel Smoke Limit Value
- Trim Code

## Location of Vehicle Identification Label



The Vehicle Identification Label is located adjacent to the top hinge on the right hand front door.

## ***Instruments and Controls***

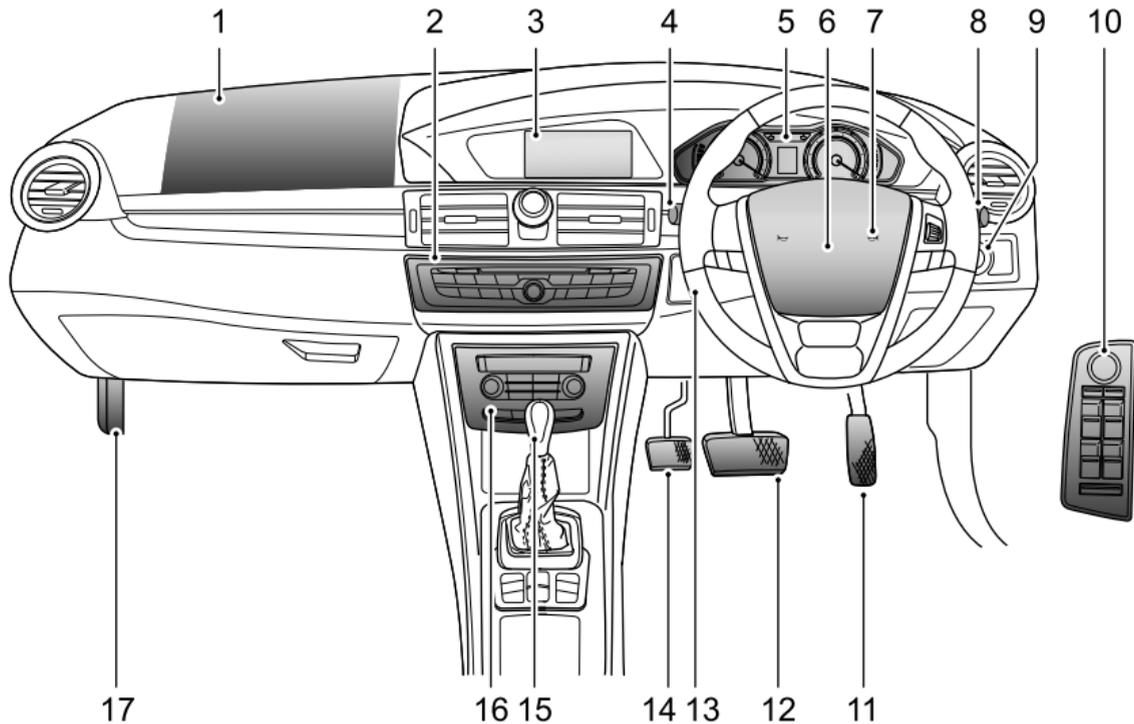
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| 10 | <i>Message Centre</i>                    |    |                          |
| 26 | <i>Warning Lights and Indicators</i>     |    |                          |
| 34 | <i>Lighting Switch</i>                   |    |                          |
| 40 | <i>Wipers and Washers</i>                |    |                          |
| 43 | <i>Steering Column</i>                   |    |                          |
| 44 | <i>Horn</i>                              |    |                          |
| 45 | <i>Mirrors</i>                           |    |                          |
| 48 | <i>Vanity Mirror</i>                     |    |                          |
| 49 | <i>Windows</i>                           |    |                          |
| 51 | <i>Interior Light</i>                    |    |                          |
| 53 | <i>Power Socket</i>                      |    |                          |

# INSTRUMENTS AND CONTROLS

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## Instruments and Controls Overview



# INSTRUMENTS AND CONTROLS

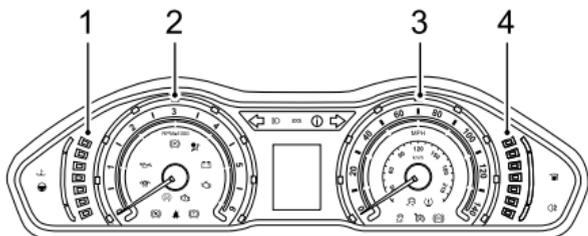
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- |   |                                      |    |  |
|---|--------------------------------------|----|--|
| 1 | Passenger Airbag                     | 10 | Electric Exterior Mirror and Window Controls |
| 2 | Entertainment Control Faceplate      | 11 | Accelerator Pedal                            |
| 3 | In Car Entertainment Display         | 12 | Brake Pedal                                  |
| 4 | Direction Indicators/Main Beam Lever | 13 | Ignition Switch                              |
| 5 | Instrument Pack                      | 14 | Clutch Pedal                                 |
| 6 | Driver Airbag                        | 15 | Gear Shift Lever                             |
| 7 | Horn                                 | 16 | Heater/Air Conditioning Controls             |
| 8 | Wiper/Washer Controls                | 17 | Bonnet Release                               |
| 9 | Master Lighting Switch               |    |  |

# INSTRUMENTS AND CONTROLS

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## Instrument Pack



- 1 Engine Coolant Temperature Gauge
- 2 Tachometer
- 3 Speedometer
- 4 Fuel Gauge

## Engine Coolant Temperature Gauge

The engine coolant temperature is indicated by the number and colour of segments illuminated (figure 1).

When the coolant temperature is low, the first (lowest) segment is illuminated blue. When the engine is operating at its normal temperature, the first to fifth white segments are illuminated white. When sixth red segment is illuminated, the high temperature warning indicator located in the instrument pack illuminates and the message **High Engine Temp** will appear in the message centre.

When the coolant temperature rises above the 7th segment temperature threshold, the high coolant temperature warning lamp will flash simultaneously with the message **High Engine Temp** appearing again in the message centre.

High engine coolant temperature could result severe damage. Stop the vehicle and switch off the engine as soon as safety permits and seek MG Authorised Repairer at the earliest opportunity.

If the engine coolant temperature sensor malfunctions, all segments will extinguish and the high temperature warning

indicator will flash with the message **Temperature Sensor Fault** appearing in the message centre.

## Tachometer

Indicates engine speed (figure 2) , in revolutions per minute ( $\times 1000$ ).

IMPORTANT
To protect the engine from damage, never allow the pointer to remain in the red sector of the gauge for prolonged periods.

## Speedometer

Indicates road speed (figure 3).

## Fuel Gauge

The quantity of fuel in the tank is indicated by the number of segments illuminated (figure 4). There are seven segments in total. When one segment remains illuminated, the low fuel warning indicator on the right hand side illuminates, with the message **Low Fuel** appearing in the message centre and an audible warning heard. If the fuel continues

to fall to a critical state, the fuel lamp will flash along with the 1st segment. The **Low Fuel** message will appear in the message centre and an audible warning will sound again.

IMPORTANT
If the low fuel warning light indicator illuminates, refuel at the earliest opportunity.

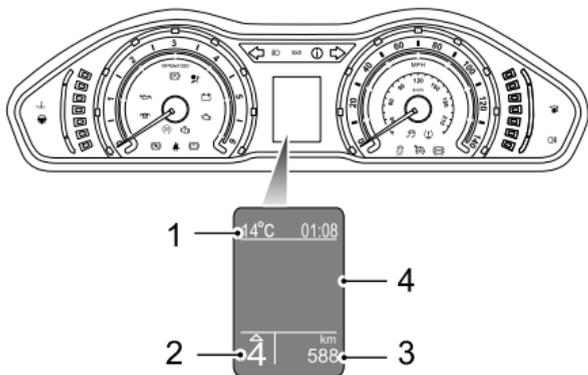
If the cluster detects an out-of-range fuel sender value when the ignition is in position II, the bottom fuel segment will flash along with the low fuel lamp, with the message **Fuel Signal Error** appearing in the message centre.



An arrow next to the low fuel warning light indicates that the fuel filler is located on the right hand side of the car.

# INSTRUMENTS AND CONTROLS

## Message Centre



The message centre display is in the centre of the instrument pack. It is divided into four zones, containing the following information.

- 1 Temperature and clock
- 2 Gear position display/gear change reminder (if enabled)
- 3 Odometer
- 4 Vehicle information display

## Temperature and Clock

When the ignition is in position II, the current ambient temperature and time are displayed.

## Gear Position Display/Gear Change Reminder

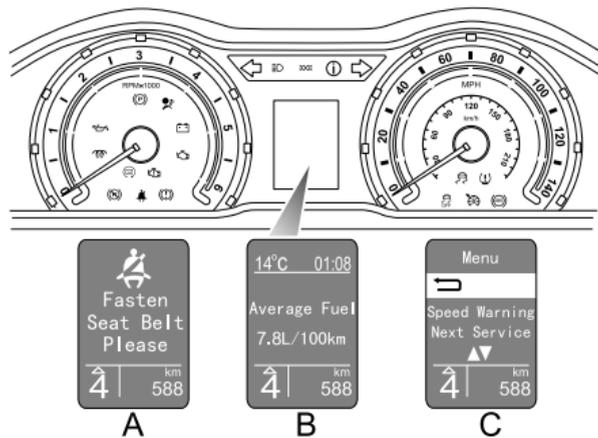
Gear position (1, 2, 3, 4, 5, 6, R, N) is displayed in this zone when the function is enabled.

When a gear change is advised, an up or down arrow will be displayed above the gear position. To set this function refer to Vehicle Information Display.

## Odometer

When the ignition is in position II, the display shows the total distance the car has travelled.

## Vehicle Information Display



The vehicle information display contains the following information:

- 1 Warning information (figure A)
- 2 Trip computer menu (figure B)
- 3 Menu (figure C)

## Warning Information

The vehicle information display uses two methods to convey warning information to the driver. These are:

- A message accompanied by a symbol
- A view of the vehicle with an open door, bonnet or boot/tailgate

Some warning messages are re-enforced by an audible warning.

## Warning Messages and Symbols

Two types of warning messages are displayed:

- Messages re-enforced by a red or yellow symbol and the illumination of a warning light.
- Messages supported by a red or yellow symbol only.

When a fault is detected, the appropriate warning message together with a symbol will appear in the display. The message will disappear after 3 seconds. If the warning is not supported by a warning light, the System Fault Warning will display in yellow or red. The static symbol of the warning can be accessed by the operation of the trip computer switch. If a warning indicator is also illuminated, this will remain illuminated, until the fault is rectified.

## INSTRUMENTS AND CONTROLS

The following messages appear in the message centre but are not supported by dedicated warning lights; instead their status is shown by the System Fault Warning (with the exception of the Beware of Ice warning).

Icon	Message	Action
	Beware of Ice	Drive carefully as the road may be slippery.
	/	Indicates an open panel, please close indicated panel.
	Engine Disabled	An incorrect handset has been inserted in the docking station. The engine is immobilised. Use correct handset.

Icon	Message	Action
	Key Battery Low	See 'Handset Battery Removing and Refitting' in 'Starting & Driving'.
	Overspeed Warning	Slow down until the speed of the car is below the set limit.
	Inertia Switch Tripped	See 'Inertia Switch' in 'Starting & Driving'.
	Fuel System Fault	Consult MG Authorised Repairer at the earliest opportunity.

## INSTRUMENTS AND CONTROLS

Icon	Message	Action
	Low Coolant	See 'Coolant Check and Top Up' in 'Maintenance'.
	Lamp Failure	A dipped beam or direction indicator bulb has failed, replace at the earliest opportunity.
	Lights On	Switch the lights off before leaving the car.
	Lights off Delay Active for X.X min	Information.

Icon	Message	Action
	Alarm Triggered	Information.
	Door Locked	Information.
	Door UnLocked / Fail To Lock	Information.
	Headlamp Washer Fluid Low	See 'Windscreen and Front Lamp Washer Check and Top Up' in 'Maintenance'.
	Stop Start On	Stop/Start is initiated.

# INSTRUMENTS AND CONTROLS

Icon	Message	Action
	Stop Start Off / Stop Start Fault	See 'Stop/Start Intelligent System' in 'Starting & Driving'.
	Use Key to Start	Indicates that a key restart is required.
	Close Driver Door	Indicates the need to close the driver's door to enable the engine to restart.

Icon	Message	Action
	Fasten Seatbelt to Restart	Indicates the need to fasten the driver's seat belt to enable the engine to restart.
	Head Lamp Control Fault	Indicated that AFS system has a fault.
	Fully Press Clutch	Indicating the driver to press clutch.
	Press Brake Pedal	Indicating the driver to press brake pedal.

## INSTRUMENTS AND CONTROLS

Icon	Message	Action
	Clutch Switch Fault	Consult MG Authorised Repairer at the earliest opportunity.
	Select Neutral To Restart	Indicating the driver to select neutral.
	Parking Brake Force Not Enough	Consult MG Authorised Repairer at the earliest opportunity.
	Release EPB by Switch Please	Requesting the driver to release the EPB using the switch.

Icon	Message	Action
	Gradient High	Indicating gradient is high.
	Press Brake Release EPB	Indicating to the driver the need to press the brake to release EPB.
	Front Brake Pads Worn / Rear Brake Pads Worn	Consult MG Authorised Repairer at the earliest opportunity.
	Hill Hold Unavailable	Indicating hill hold is currently unavailable.

## INSTRUMENTS AND CONTROLS

Icon	Message	Action
	Caution ! Wheels not Straight	Requesting the driver to adjust the steering wheel.
	Caution ! Wheels not Straight	Requesting the driver to adjust the steering wheel.
	Limited Engine Power	Consult MG Authorised Repairer at the earliest opportunity.
	Vehicle Network Fault	Consult MG Authorised Repairer at the earliest opportunity.

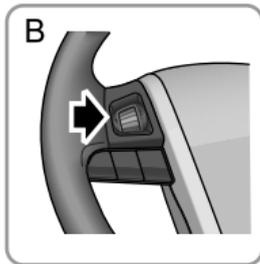
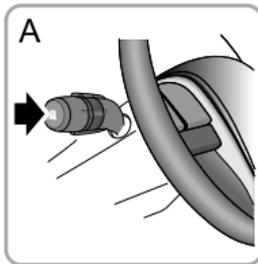
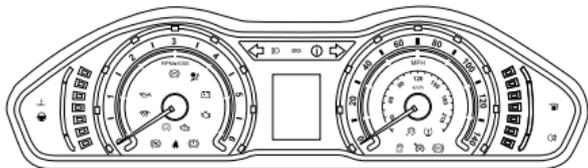
Icon	Message	Action
	/	Requesting the driver to change gear in direction of arrow.
	Diesel Particle Filter	Consult MG Authorised Repairer at the earliest opportunity.
	Water in Fuel	Indicates that the fuel water filter is full and requires emptying.

### Door, Bonnet, Boot Open Indicator

If any door or bonnet or boot is opened when the ignition is switched on, a plan and (or) side view of the car will be displayed. It will disappear after 3 seconds, If, however

one or more doors, or the bonnet are not closed when vehicle speed exceeds 3MPH (5km/h), this warning will be repeated in the display.

## Trip Computer



When the ignition is in position II, the different trip computer functions can be selected as follows:

- **Low line models (A):** Short press (< 2 seconds) the button on the end of the direction indicators/main beam lever to select the trip computer function. Use a long button press (> 2 seconds) to enter the menu from the trip computer or to enter a highlighted function.
- **High line models (B):** Use the left-hand thumbwheel to scroll up and scroll down to select the trip computer function or to highlight a menu item. Press the left-hand thumbwheel to enter the menu from the trip computer or to enter a highlighted menu item.

The following information will be displayed.

- Next Service
- Digital Speed
- Fuel Consumption
- Range to Empty (distance to tank empty)
- Average Fuel Consumption
- Average Speed
- Trip 1
- Trip 2
- Lap Time
- Current Journey

# INSTRUMENTS AND CONTROLS

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- Last Journey

By pressing and holding the button or thumbwheel for longer than 2 seconds, the selected display can be reset (not including digital speed, fuel consumption, range to empty, last journey). When a trip computer feature is selected, it will be displayed until the next trip computer function is selected or until another feature is selected.

**Note:** *If a warning message is received while the trip computer is in use, the trip display will be replaced by the warning message. After display for 3 seconds, it will automatically return to the previous screen.*

**Note:** *Any of the Options can be disabled, so that the driver can tailor the list of available information to suit individual preferences.*

## Next Service

The message centre shows the distance remaining before the next service is due and the estimated date that it will be due on. This display appears for 4 seconds every time the ignition is switched to position II.

The distance display commences at 15,000 miles or 24,000 km and progressively reduces in increments of 25 miles or 50 km as the car is driven, until zero is reached. The relevant service should be carried as soon as the distance display shows zero. After the completion of each service, the distance display will be reset to 15,000 miles or 24,000 km.

**Note:** *Because the service interval display reduces in increments of 25 miles or 50 km, it is possible to undertake a short journey without triggering any movement from the display.*

All services have nominal distance and time-related intervals of 15,000 miles/24,000 km or 12 months.

**Note:** *If a service is not carried out (or the display is not reset), the distance indicator, having reached zero, will remain at zero until it is reset.*

## Digital Speed \*

The digital speed display function is automatic and displays the current vehicle speed.

## ***Fuel Consumption***

This function is automatic and indicates the instantaneous fuel consumption.

## ***Range to Empty***

This function is automatic and displays the remaining distance you can travel before the fuel gauge reads empty. The distance will change when the vehicle is refuelled.

The 'range to empty' calculation is based on a combination of current driving style and the fuel consumption recorded by the computer during the previous few minutes.

## ***Average Fuel Consumption***

Average fuel consumption is calculated by dividing the amount of fuel used by the distance travelled since last reset. The consumption value can be reset at any time to begin calculating new consumption values for a particular journey or driving conditions.

**Note:** *Average fuel consumption is related to driving habits, road condition, load, tyre pressure, the quality of oil, etc.*

## ***Average Speed***

This function is automatic and indicates the average speed since the last time it was reset. The average speed display can be reset at any time to begin calculating a new average speed value for a particular journey or driving condition.

## ***Trip 1, Trip 2***

This function displays the trip recorder since the last time it was reset. Trip 1 and trip 2 are independent.

## ***Lap Time***

This function displays the time since last reset. The lap time display can be reset at any time to begin calculating a new lap time value for a particular journey or driving conditions. By either a short press on the button or a short press of thumbwheel, the lap time display can be stopped or carry on.

## ***Current Journey***

This function is automatic and displays the duration, the cumulative value of fuel consumption, and distance values for the current journey. The current journey values can

# INSTRUMENTS AND CONTROLS

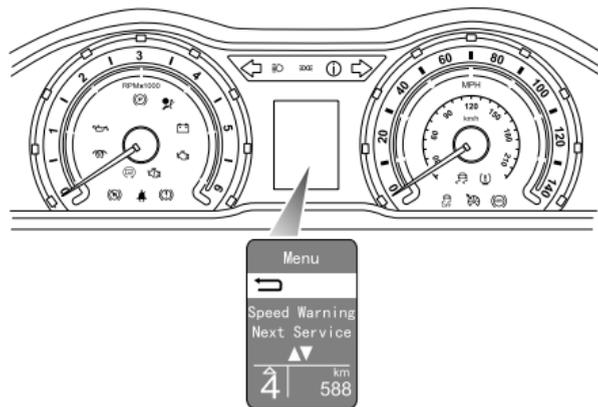
be reset at any time to begin calculating new values for a particular journey or driving conditions. It also can be reset automatically after the vehicle has been at rest (speed < 3 MPH or < 5 km/h) for 30 minutes.

During the reset process, the data values for the current journey function are saved for use by the last journey function.

## Last Journey

This function is automatic and displays the duration, distance and fuel values for the last journey. These values are automatically overwritten each time a current journey reset takes place. The Last Journey data is only reset by the global trip computer reset function.

## Menu



When the ignition is in position II, access the menu by selecting and holding the button for more than 2 seconds (Low line) or similarly pressing the thumbwheel (High line).

Selections within a menu are made by briefly pressing the button or rotating the thumbwheel until your choice is highlighted and then pressing and holding.

This menu offers the following selections:

-  - Press to return to the previous menu.

- Speed Warning
- Next Service
- Function Reset
- TPMS Reset
- Vehicle Options

## **Speed Warning**

For low line models, press and hold the button to set the speed warning. Repeatedly press the button to select your desired speed. The speed will change in increments of 5MPH (or 5 km/h) for each button press. Speed range is 5 - 120MPH (or 5 - 190 km/h). Select  to return to upper level menu.

For high line models, the menu displays the current setting speed, '+' and '-' sign. Rotate the thumbwheel up (increase) or down (decrease) to change the speed as required. Speed range is 5 - 120MPH (or 5 - 190 km/h). The speed will change in increments of 5MPH (or 5 km/h). Select  to return to upper level menu.

When speed warning is active, the message **Slow Down** and an audible warning will indicate to the driver that the speed of the car exceeds the limit set.

Speed Warning function can be set 'off' as required.

## **Next Service**

Shows the service interval announcement symbol, the estimated date of the next service and the distance remaining whichever is sooner before it should be carried out.

To reset the service information, select **Reset** then press and hold the button or the left hand thumbwheel until the displayed distance reads 15000 miles or 24000 km.

## **Function Reset**

To reset the trip recorder readings, select **Trip 1, Trip 2, Average Fuel, Average Speed, or All**, then press and hold the button (low line cars) or the left hand thumbwheel (high line cars) to reset. Select  to return to upper level menu.

## **TPMS (Tyre Pressure Monitoring System) Reset**

Select TPMS reset menu, then press and hold **TPMS Reset**. This will initialise the system. If successful, **TPMS**

# INSTRUMENTS AND CONTROLS

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**Reset OK** will appear and if unsuccessful, **TPMS Reset Failed** will appear, consult your MG Authorised Repairer.

**Note:** *TPMS will need to be reset every time the tyres are replaced or the pressures are changed.*

**Note:** *The TPMS reset menu will only be available when the car is stationary, with the parking brake applied and ignition in position II.*

**Note:** *A TPMS reset will be completed after the vehicle has travelled total of 1 hour or more at a road speed greater than 6MPH (10 km/h).*

## Vehicle Options

In the **Vehicle Options** menu, you can configure some features on the following systems or settings.

**Note:** *The vehicle options menu will only be available when the car is stationary, with the parking brake applied and ignition in position II.*

## Security

Allows personalisation of the speed locking function and unlocking function.

## Speed Locking

Press and hold **Speed Locking**, then select **On** or **Off** as required. Select  to return to upper level menu.

## Unlocking

Press and hold **Unlocking**, then select **All Doors** or **Driver Only** as required. Select  to return to upper level menu.

## Prog Wash Wipe

Enable or disable programmed wash wipe. Press and hold **Off** or **On**. Select  to return to upper level menu. Please refer to 'Programmed Wash Wipe' in this chapter.

## Units

Sets the units of measurement for consumption and distance.

## Consumption

Select either **L/100 km, km/L, Mpg (US)** or **Mpg (UK)**. Select  to return to upper level menu.

## Distance

Select **Miles** or **km**. Select  to return to upper level menu.

## Lights Off Delay

Sets the **Lights Off Delay** function. Allows the driver to select illumination of front lights (headlamp dipped beams) and/or rear lights (rear fog guard lamps) or both. In addition, the duration that the lights are illuminated can be defined.

Select **Front**, followed by **Front On** or **Front Off**. Press  to return to upper level menu.

Select **Rear**, followed by **Rear On** or **Rear Off**. Press  to return to upper level menu.

To set the duration, select **Duration**. The current duration will be displayed. Press '+' or '-' to change the duration as required. A duration of up to 5 minutes in

increments of 30 seconds can be selected. Select  to return to upper level menu.

## Find My Car \*

Enable or disable automatic illumination of nominated exterior lamps for a specific duration, when unlocking the car with the handset. This will assist the driver in locating the car in busy car parks. The driver can select illumination of front lights (headlamp dipped beams), rear lights (rear fog guard lamps) or both.

Select **Front**, followed by **Front On** or **Front Off**. Select  to return to upper level menu.

Select **Rear**, followed by **Rear On** or **Rear Off**. Select  to return to upper level menu.

To set the duration, select **Duration**. The current duration will be displayed. Press '+' or '-' to change the duration as required. A duration of up to 5 minutes and in increments of 30 seconds can be selected. Select  to return to upper level menu.

# INSTRUMENTS AND CONTROLS

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## **Language**

Select **English**, **中文**, **Deutsch**, **Français**, **Italiano**, **Español** or **Português** to set the language of the displayed text for message centre. Select  to return to upper level menu.

## **Speed Warning**

Press and hold **Speed Warning**, then select **Off** or **Manual** to set the operational mode of the speed warning. If manual mode is selected, the manual set point will be adopted as the threshold to activate the over speed warning.

Select  to return to upper level menu.

## **Gear Display**

Enable or disable the gear display function. Press and hold **Gear Display**, then select **On** or **Off** as required. Select  to return to upper level menu.

## **Dial Sweep**

Enable or disable the start-up dial sweep function in the cluster. Press and hold **Dial Sweep**, then select **On** or **Off** as required. Select  to return to upper level menu.

## **Gear Change**

Enable or disable the gear change warning function. Press and hold **Gear Change**, then select **Off** or **Eco** or **Sport** as required. Select  to return to upper level menu.

## **Trip Computer**

Set the trip computer display. Select **Default** or **Functions**. Select  to return to upper level menu.

Select **Default**, then select **History** or **Blank** as required. Select  to return to upper level menu.

Select **Functions**, then select **Digital Speed**, **Instantaneous Fuel**, **Range to Empty**, **Average Fuel**, **Ave Speed**, **Trip 2**, **Lap Time**, **Current**

**Journey** or **Last Journey** as required. Select  to return to upper level menu.

### ***Adaptive Frontlighting System (AFS) \****

Enable or disable the AFS function. Press and hold **AFS**, then select **On** or **Off** as required. Select  to return to upper level menu.

### ***Digital Clock***

This allows the setting of the digital clock if no signal is available from the in car entertainment system.

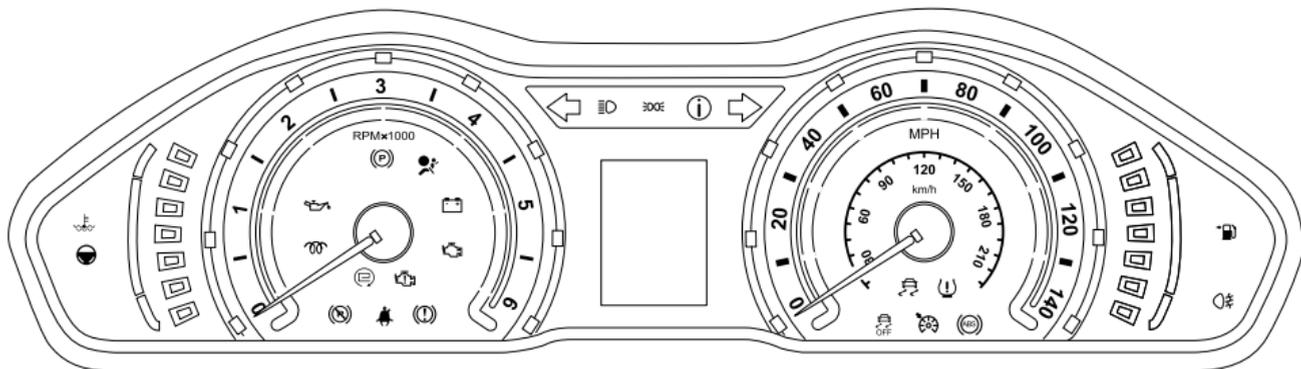
Press and hold **Digital Clock**, then select **Hour** or **Min** as required.

***This menu will not appear when a signal is available from the in car entertainment system.***

# INSTRUMENTS AND CONTROLS

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## Warning Lights and Indicators



PASSENGER AIRBAG

OFF  2      ON 

## Main Beam - Blue



Illuminates when the headlights are switched to main beam.

## Side Lamps - Green



Illuminates when the side or headlights are switched on.

## Direction Indicators - Green



The left and right direction indicators are represented by directional arrows located at the top of the instrument display. The warning lights flash synchronised with the exterior left or right direction indicator lights whenever they are operating.

If the hazard warning lights are operated, both warning lights will flash together.

If either warning light flashes very rapidly, this means that one of the front or rear direction indicator lights is not operating.

**Note:** *Failure of a side repeater light will have no effect on the warning light flash frequency.*

## Rear Fog Guard Light - Yellow



Illuminates when the rear fog guard lights are switched on.

## SRS Warning - Red



The warning light illuminates when the ignition is in position II and extinguishes after a few seconds. If the light illuminates at any other time or fails to extinguish after start up, an airbag restraint system fault or seat belt pre-tensioners fault has been detected, then **Airbag Fault** and a warning icon will appear in the message centre

# INSTRUMENTS AND CONTROLS

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and an audible warning will be given when the engine is started. Seek an MG Authorised Repairer urgently.

## Seat Belt Warning - Red



When the ignition is in position II, if a seat belt for an occupied front seat remains unfastened, the lamp will turn on.

If the seat belt for an occupied seat remains unfastened once the vehicle forward speed has exceeded 3MPH (5km/h), the warning lamp will flash accompanied by an audible warning, the message **Fasten Seat Belt Please** or **Fasten Passenger Seat Belt** will appear in the message centre.

The warning will continue until either the seat belt is fastened correctly or reverse gear is selected. On stop/start vehicles the warning will continue until the seat belt is fastened correctly, reverse gear is selected, or 90 seconds has expired.

## Cruise Control - Yellow/Green \*



The light illuminates green when the master switch is pressed but no cruise speed is active and yellow when cruise control is active. The message centre will display **Cruise Set ### MPH** (### represents the speed set) or **Cruise Control: Standby** as appropriate. If a fault is detected, the warning light will flash yellow and the message **Cruise Control: Fault** will be displayed.

## Low Oil Pressure - Red



Illuminates red as a lamp check when the ignition is in position II and extinguishes when the engine is started. If the light remains on (accompanied by the message **Low Oil Pressure**), or illuminates continuously when driving, serious engine damage could occur; stop the vehicle as soon as safety permits and **SWITCH OFF THE ENGINE IMMEDIATELY**. Check the oil level. Seek an MG Authorised Repairer urgently.

### Alternator Charge Warning - Red



The light illuminates red as a lamp check when the ignition is in position II and extinguishes as soon as the engine is running. If the light remains on (accompanied by the message **Alternator Fail**), or illuminates when driving, it indicates to the driver that the charging output from the alternator to the battery is low. Seek an MG Authorised Repairer urgently.

### Tyre Pressure Monitoring System (TPMS)

#### Warning - Yellow



The light illuminates yellow when the ignition is in position II. It extinguishes after a few seconds. If there is low tyre pressure detected, the light illuminates yellow and **Low Tyre Pressure** will appear in the message centre. Check for low tyre pressure/flat tyre, adjust your tyre pressures or seek an MG Authorised Repairer.

If there is a fault with the system, the light will flash for about 90 seconds then remains on. **Tyre Pressure System Fail** will appear in the message centre. Seek an MG Authorised Repairer.

### Stability Control System / Traction Control

#### Operation and Fault Warning - Yellow



The light illuminates yellow as a lamp check when the ignition is in position II and extinguishes after a few seconds. If there is a fault with the system, the warning light will illuminate when the car is being driven. The message centre will display **Stability Control Fail** or **Traction Control Fail** as appropriate. Stop the car as soon as safety permits and contact MG Authorised Repairer for inspection at your earliest convenience. If the warning light flashes during driving, this indicates that the system is taking control to assist the driver.

# INSTRUMENTS AND CONTROLS

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## Stability Control System / Traction Control Off

### Warning - Yellow



The light illuminates yellow as a lamp check when the ignition is in position II and extinguishes after a few seconds. If the stability control system or traction control system are switched off, the warning light will illuminate. The message **Stability Control Off** or **Traction Control Off** will appear in the message centre.

### ABS Warning - Yellow



The light illuminates for a few seconds as a lamp and system check when the ignition is in position II. If the light does not extinguish, and **ABS Fail** appears in the message centre, then a fault has occurred with the ABS system and you should seek an MG Authorised Repairer at the earliest opportunity.

If an ABS fault occurs while driving, ABS operation will be suspended, but normal braking will still be available. Seek an MG Authorised Repairer at the earliest opportunity.

### Brake System Warning - Red



This red warning light will illuminate for a few seconds as a lamp check when the ignition is in position II.

If the warning light remains illuminated after lamp check, a fault with the brake system is indicated - the message **Brake Fail** will appear in the message centre. Check the brake fluid level (See 'Brake Fluid' in 'Maintenance'). If the light continues to illuminate, stop the car as soon as safety permits and seek an MG Authorised Repairer urgently.

### Check Engine/Drive by Wire Warning - Yellow



This warning light is used to indicate an engine operation fault is detected by the engine management system. The

indicator illuminates as a system check when the ignition is in position II and should extinguish after a few seconds.

If a non-emissions related fault occurs while the vehicle is being driven, the indicator will illuminate and the message **Check Engine** will appear in the message centre. Seek an MG Authorised Repairer urgently.

### Malfunction Indicator Lamp Warning - Yellow



This warning light is used to indicate an emission related fault is detected by the engine management system. The indicator illuminates as a system check when the ignition is in position II and should extinguish when the engine is started.

If an engine operation problem occurs while the vehicle is being driven, the indicator will illuminate and the message **Engine Fault** will appear in the message centre. Seek an MG Authorised Repairer urgently.

### Electronic Hydraulic Power Assisted Steering (EHPAS) / Electronic Steering Column Lock (ESCL) / Steering Angle Sensor (SAS) Warning-Red



This red warning light will illuminate for a few seconds as a lamp check when the ignition is in position II.

The warning light is used to indicate to the driver that a fault exists in electronic hydraulic power assisted steering or electronic steering column lock system or steering angle sensor.

If EHPAS has a fault, the warning light will illuminate and the message centre will display **Power Steering Fault**. Seek an MG Authorised Repairer urgently.

If ESCL has a fault, the warning light will illuminate and the message centre will display **Steering System Fault**. Seek an MG Authorised Repairer urgently.

If SAS has a fault, the message screen will display **SAS Fault**. If SAS is not calibrated, the message screen will

# INSTRUMENTS AND CONTROLS

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display the prompt message **SAS Uncalibrated**. Seek an MG Authorised Repairer urgently.

## EPB Status Warning - Red



When the EPB is engaged the red warning light illuminates. If a fault occurs with the EPB switch the warning light will flash.

## EPB Fault Warning - Yellow



This yellow warning light indicates a fault with the EPB, or that the EPB is in a diagnostic state. Warning lamp illumination is accompanied by an audible alarm.

## Stop/Start Active Indication - Green



This warning light will illuminate for a few seconds as a

lamp check when the ignition is in position II. The warning light illuminates green to indicate to the driver that the engine is being controlled by stop start system. When Stop Start function is inhibited, the light will extinguish after flashing 3 times, and the message **Stop Start Currently Unavailable** will appear in the message centre.

## System Fault Warning/Alarm Status Warning - Yellow/Red



This warning light is used to indicate to the driver the status of any non-tell-tale warnings. This is a bi-coloured warning lamp illuminated in either red or yellow depending upon what warnings currently exist. The lamp is illuminated red if a red warning exists. The lamp is illuminated yellow if a yellow warning exists. If both red and yellow warnings exist simultaneously, then the LED is flashed alternately red and then yellow at 2 second intervals.

When ignition is off, the warning light provides information about the status of the alarm system. Please see more

information in 'Locking the Car and Arming the Alarm' in 'Starting & Driving'.

## Glow Plug Warning - Yellow



The warning light illuminates yellow. The glow plug warning is used to indicate to the driver that the diesel engine glow plugs are still heating and are below their cut-off temperature threshold, above which the engine may be cranked.

## Passenger Airbag Off - Yellow



The warning light is located on the remote display module and is used to indicate that the passenger airbag has been disabled. If the passenger airbag has been disabled, the light will remain illuminated until the airbag is enabled, and the message **Passenger Airbag Off** will appear in the message centre. Once the passenger airbag has been enabled, the light will extinguish and the message

**Passenger Airbag On** will appear in the message centre.

*Note: The remote display module is mounted on the roof.*

## Passenger Airbag On - Yellow



The warning light is located on the remote display module and is used to indicate that the passenger airbag has been enabled. If the passenger airbag has been enabled, the light will remain illuminated until the airbag is disabled, and the message **Passenger Airbag On** will appear in the message centre. Once the passenger airbag has been disabled, the light will extinguish and the message **Passenger Airbag Off** will appear in the message centre.

*Note: The remote display module is mounted on the roof.*

# INSTRUMENTS AND CONTROLS

## Lighting Switch

### Master Lighting Switch



- 1 AUTO lights \*
- 2 Side, tail and licence plate lights
- 3 Headlights

### AUTO Lights \*

With the ignition switched on, turn the master lighting switch to AUTO position (1). The AUTO lighting system constantly monitors the ambient light levels and automatically switches the dipped headlamps, side light, tail lights on and off as required.

### Side, Tail and Licence Plate Lights

Turn the master lighting switch to position (2), to switch on the side, tail and licence plate lights. The sidelight warning light will illuminate and Sidelights On will appear in the message centre. If the lights are still switched on when the ignition handset is removed and the driver's door is opened, an audible warning will be given and Lights On information will be displayed in the message centre.

### Headlights

With the ignition switched on, turn the master lighting switch to position (3), to switch on the headlights.

## Headlight Courtesy Delay

Having stopped the car and turn the ignition off. Then move the direction indicator lever to the main beam position. The headlights and rear fog guard lights will remain illuminated for you setting. For information on configuring the Lights Off Delay, see 'Menu' of 'Message Centre'.

## Daytime Running Lights

The daytime running lights turn on automatically when the ignition switch is in position II. When the side or headlights are switched on, the daytime running lights are extinguished.

## Instrument Dimmer Control



When the ignition is in position II, and the sidelamps or dipped headlamps are on, rotate the control up to increase or down to decrease instrument illumination. The instrument dimmer also controls the backlight illumination of switches, audio system, message centre and the satellite navigation system (if fitted). When the sidelights are switched on the message centre display on the instrument pack and the satellite navigation system (if fitted) will dim automatically.

## Manual Adjustment Headlight Levelling \*



The angle of the dipped beam is affected by the distribution of passenger and luggage weight within the car.

To ensure correct headlamp aim, and not dazzle on-coming traffic, the headlamp levelling switch position should be

# INSTRUMENTS AND CONTROLS

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adjusted according to the vehicle loading condition in accordance with the following table:

Position	Load
0	Driver, or driver & front passenger
1	All the seats occupied with no load
2	All the seats occupied plus an evenly distributed load in the boot, achieve the gross vehicle weight
3	Driver only, plus an evenly distributed load in the boot, achieve the gross vehicle weight

## Dynamic Headlamp Levelling \*

Dynamic Headlamp Levelling is part of the Adaptive Frontlighting System (AFS). With the dipped beam headlamps switched on, vehicles fitted with the Dynamic Headlamp Levelling system will automatically adjust the headlamp aim according to vehicle speed, acceleration, deceleration and uneven road surfaces.

## Cornering Lamps \*

Cornering Lamps are part of the Adaptive Frontlighting System (AFS). Illumination of driver blind spots when cornering is achieved by adding extra lights to the traditional headlamps.

When travelling forwards, the dipped headlamps are switched on, vehicle speed is below 25 mph (40 kph) and the steering wheel is rotated in excess of 30 degrees, the corresponding cornering lamp will illuminate. If reversing, the cornering lamp opposite the steering wheel rotational direction will illuminate. For AFS configuration please refer to 'Message Centre' in the 'Instrument and Controls' section.

### Fog Lights



*Fog lights should only be used in poor visibility, inappropriate use could dazzle other drivers.*



*Note: The rear fog lights are switched off automatically when the main lighting switch is turned off.*

### Rear Fog Lights

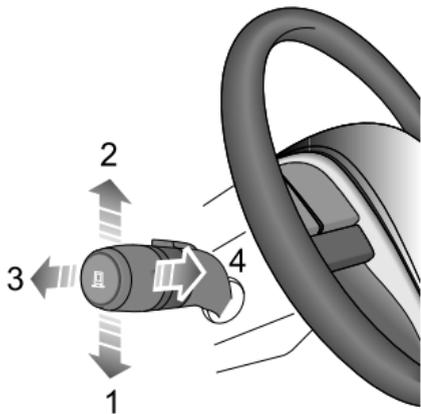
When the ignition is in position II, lights are switched on, pull the light switch out to position I to switch on the rear fog lights. The warning light in the instrument pack will illuminate when the fog lights are on. Rear Fog Lamps On will appear in the message centre.

# INSTRUMENTS AND CONTROLS

## Direction Indicator/Main Beam Lever



*Take care not to dazzle oncoming vehicles when driving using main beam headlights.*



## Direction Indicators

Move the lever down (1) to indicate a LEFT turn, or up (2) to indicate a RIGHT turn. The corresponding GREEN warning light in the instrument pack will flash in time with the direction indicators.

To indicate a lane change, press the lever briefly and release, the indicators will flash three times and then cancel.

## Headlight Main and Dipped Beam

When the ignition is in position II, dipped headlamps switched on, push the lever away from the steering wheel (3) to switch on main beam. The BLUE warning light in the instrument pack illuminates, Main Beam On appears in the message centre. Push the lever away from the steering wheel (3) again to switch off Main Beam headlamp.

## Headlight Flash

To briefly flash the main beam on and off, pull the lever towards the steering wheel (4) and then release.

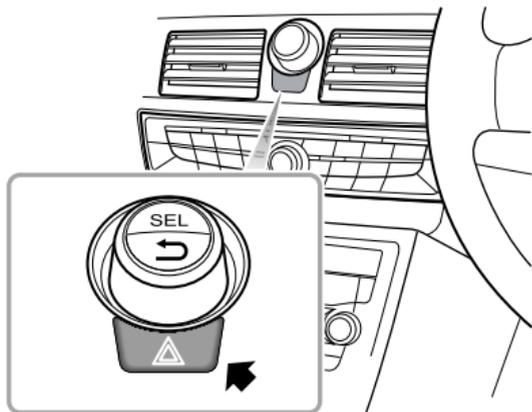
## Lamp Failure

Failure of any of the following bulbs will be confirmed by a message and symbol in the message centre.

- Front direction indicator.
- Rear direction indicator.
- Dipped beam headlamps.

**Note:** *The side lamps, side repeater lamps and centre high mounted stop lamp are not monitored by this system.*

## Hazard Warning Lights



Press the switch to operate the hazard warning lights. All the direction indicators and direction indicator warning lights will flash together. Press again to switch off and the direction indicators and direction indicator warning lights will turn off.

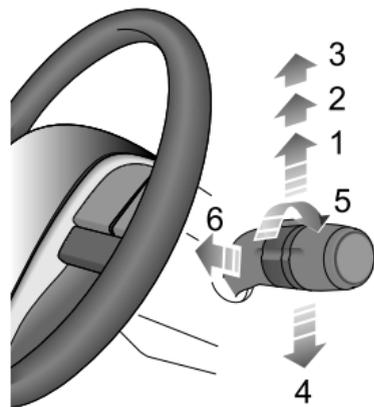
# INSTRUMENTS AND CONTROLS

## Wipers and Washers

### IMPORTANT

- Avoid operating the wipers on a dry screen.
- In freezing or very hot conditions, ensure that the blades are not frozen or stuck to the glass before being operated.
- In winter, remove snow or ice from around the arms and blades, including the wiped area of the screen.

## Front Windscreen Wiper Controls



The wipers and washers will operate with the ignition in position I, i.e. Auxiliary. Push the lever up to select different wiper speeds.

- Intermittent wipe/Automatic wipe\*(1)
- Normal speed wipe (2)
- Fast speed wipe (3)

- Single Wipe (4)
- Wiper Delay Switch (5)
- Programmed Wash/Wipe (6)

## **Intermittent wipe/Automatic wipe\***

Push the lever (1) up to select the intermittent wiper/Automatic wiper\*, wipers will wipe automatically. Rotate the switch (5) to vary the intermittent time of wiper operation. Intermittent operation time of wipers will also be amended according to road speed - increased road speed will reduce intermittent operation time.

## **Normal Speed Wipe**

Push the lever (2) up to select the normal speed wipe, wipers will wipe at normal speed. If the road speed drops below 8 km/h while the wipers are operating, they will slow to the next slowest operating mode; i.e. fast wipe to normal wipe, normal wipe to intermittent. This facility can be manually overridden by changing the wipe setting.

## **Fast Speed Wipe**

Push the lever (3) up to select the fast speed wipe, wipers will wipe at high speed. If the road speed drops below 8 km/h while the wipers are operating, they will slow to the next slowest operating mode; i.e. fast wipe to normal wipe, normal wipe to intermittent. This facility can be manually overridden by changing the wipe setting.

## **Single Wipe**

Pull the lever (4) down and release, wipers will wipe once. If the lever is held down, the wipers will operate at high speed until the lever is released.

## **Programmed Wash Wipe**

Pull the lever (6) towards the steering wheel - the washers operate immediately. After a short delay, the wipers will commence operating in conjunction with the washers, both functions continuing until the lever is released. The programmed wash wipe function can be disabled; refer to section 'Prog Wash Wipe' of 'Main Menu' in the Chapter 'Message Centre'.

# INSTRUMENTS AND CONTROLS

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## IMPORTANT

If the washers fail to deliver the screen wash solution (dirt or ice may have blocked the jets), release the lever immediately. This will prevent the wipers from operating, and the consequent risk of visibility being impaired by dirt smearing across the unwashed windscreen.

set to intermittent, the variable delay will be adjusted automatically according to the information supplied by the rain sensor.

**Note: If the sensor detects constant rain, the wipers will operate continuously. The sensitivity of the sensor can be altered by means of the wiper variable delay.**

## Headlamp Washers \*

Cars equipped with HID headlamps feature headlamp washers, these are located in the bumper.

After switching on the headlamps, the first use of the screenwashers will initiate a headlamp wash. After this, every fourth screenwash will result in a single headlamp wash.

## Rain Sensor \*

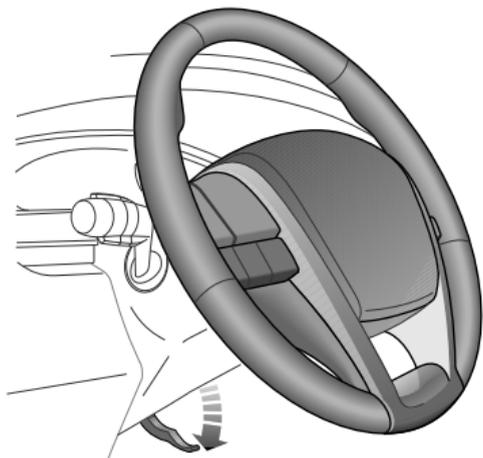
Some models are equipped with a rain sensor fitted to the inside of the windscreen behind the rear view mirror. The sensor is able to detect varying amounts of water on the outside of the windscreen. With the wiper control

## Steering Column

### Steering Column Adjustment



***Do not attempt to adjust the height or angle of the steering wheel while the car is in motion. This is extremely dangerous.***



To adjust the angle and height of the steering column to suit your driving position:

- 1 Fully release the locking lever.
- 2 Hold the steering wheel in both hands and tilt the steering column up or down to move the wheel into the most comfortable position.
- 3 Pull or push the steering wheel closer to, or further away from your body.
- 4 Once a comfortable driving position has been selected, pull the locking lever fully up to lock the steering column into its new position.

# INSTRUMENTS AND CONTROLS

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## Horn



When the ignition switch is in position I or II, press the steering wheel pad where arrowed to operate the horn.

**Note:** *The vehicle horn press and the driver's airbag are located in close proximity on the steering wheel. The illustration shows the position of the horn,*

*please ensure that you press in this area to avoid any potential conflict with the operation of the airbag.*

### IMPORTANT

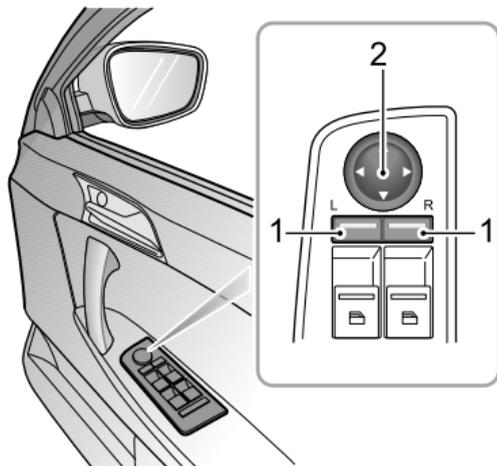
To avoid possible SRS issues, please do not press with excessive force or hit the airbag cover when operating the horn.

## Mirrors

### Exterior Mirrors

**Note:** Objects viewed in exterior mirrors may appear further away than they actually are.

### Mirror Glass Adjustment



- With the ignition in position I or II , press the appropriate switch (1) to select the left or right mirror. The selected (L) or (R) button will be illuminated.
- Use switch (2) to tilt the mirror glass up/down/left or right.
- Use switch (1) again to disable the switch and prevent inadvertently moving the mirror glass.

### Heating Elements \*



The door mirrors have integral heating elements which disperse ice or mist from the glass. The heating elements operate while the Heated Rear Window is switched on.

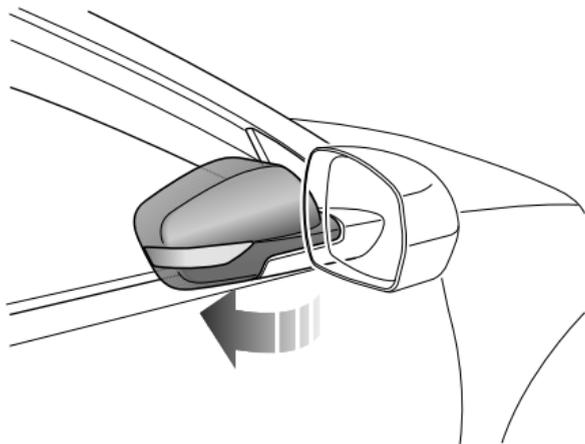
**Note:** The heated rear window and mirror heating elements only work while the engine is running.

### Mirror Folding

The body of each door mirror is designed to fold flat against the side of the car on impact.

## INSTRUMENTS AND CONTROLS

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The mirrors can also be folded back manually towards the side windows into a 'park' position to enable the car to negotiate narrow openings, or when parked.

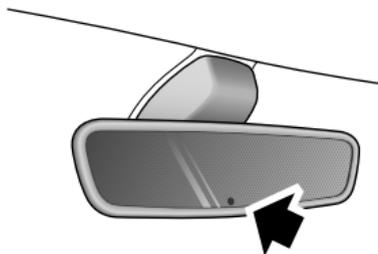
### IMPORTANT

- The exterior mirror glass is electronically adjusted using the mirror switch, **DO NOT** attempt to adjust the mirror glass by hand, this could result in damage to the adjustment components.
- Exterior mirrors are operated with motors. Therefore, flushing with high pressure water jets directly in the car wash may result in the failure of the electric device.

### Interior Rear-view Mirror

Before driving, adjust the body of the mirror by hand to achieve the best possible view to the rear. The dipping function of both the automatic and manual mirrors helps to reduce glare from the headlights of following vehicles at night.

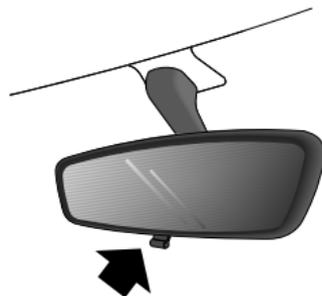
#### Automatic Mirror \*



The interior mirror is equipped with a light sensor (arrowed) which activates the automatic dipping function, when a following vehicle's headlights could dazzle the

driver. The automatic dipping function is inhibited when reverse gear is selected.

#### Manual Mirror \*



Move the lever at the base of the mirror forward to 'dip' the mirror. Normal visibility is restored by pulling the lever back again.

**Note:** *In some circumstances, the view reflected in a 'dipped' manual mirror can confuse the driver as to the precise location of following vehicles. Remember to take additional care.*

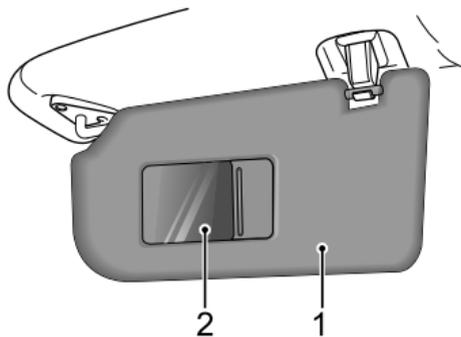
# INSTRUMENTS AND CONTROLS

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## Vanity Mirror



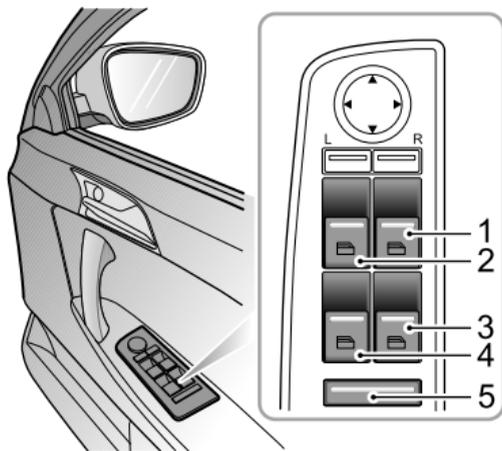
*The driver's vanity mirror should only be used when the car is stationary.*



Pivot the sun visor (1) downward and open the cover to use the vanity mirror (2).

## Windows

### Power Operated Window Switch



- 1 Front Right Window Switch
- 2 Front Left Window Switch
- 3 Rear Right Window Switch
- 4 Rear Left Window Switch
- 5 Rear Window Isolation Switch

### Window Operation



**Ensure children are kept clear when raising or lowering a window.**

Push the switch (1-4) down to lower, and pull the switch up to raise the window. The window will stop moving as soon as the switch is released (unless the 'One-Touch' function is active).

**Note:** The front and rear passenger windows can also be operated by individual window switches, mounted on each door. The rear window switches will not be operated if the rear window isolation switch has been activated.

**Note:** The electric window can be operated with the ignition in position I or II (For safety: doors should be closed).

### Rear Window Isolation Switch

Press the button (5) to isolate the rear window controls (an indicator light in the button illuminates), press again to restore control.

# INSTRUMENTS AND CONTROLS

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**Note:** *It is recommended that you ISOLATE the rear window switches when carrying a child.*

## **'One-Touch' Down**

By briefly pressing and then releasing (within half a second) a window switch, the window can be fully opened. Window movement can be stopped at any time by pressing the switch again.

## **'One-Touch' Up and 'Anti-Trap' \***

Some vehicles have a 'One-Touch' up function which acts in the same way as 'One-Touch' down.

The 'Anti-Trap' function is a safety feature which prevents the window from fully closing if an obstruction is sensed - if this happens the window will open slightly to allow the obstruction be removed.

## **'Lazy-lock' Function \***

After switching off and exiting the vehicle, pressing and holding the 'lock' button on the handset for approximately 3 seconds will initiate the 'Lazy-lock' function, all windows will fully close. When unlocking the vehicle, holding the

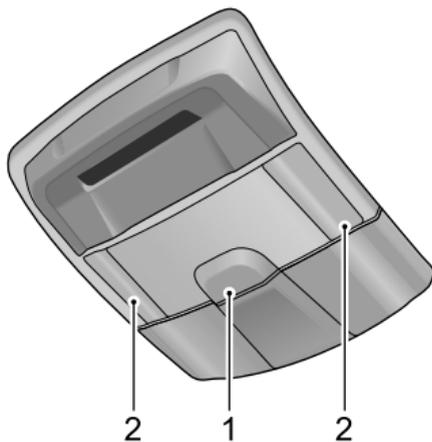
'unlock' button for approximately 3 seconds will fully open all the windows.

**Note:** *If the battery is disconnected, the 'One-Touch' and 'Anti-Trap' features will be lost. To restore these features, fully open and then fully close each window holding the switch for 5 seconds in the close position.*

**Note:** *DO NOT operate the switch for more than 20 seconds so as to protect the motor from overheating, the switch will not operate. If this occurs, please wait until the motor cools down.*

## Interior Light

### Front Courtesy and Map Reading Lights



### Manual Operation

Press the switch (1) to turn the courtesy light on, press again to turn off. Press one of the switches (2) to turn on a map reading light, press again to turn off.

### Automatic Operation

Courtesy light illumination occurs automatically whenever the following occur.

- The car is unlocked.
- A door or the tailgate is opened.
- The handset is removed, providing the sidelights have been illuminated during the previous 30 seconds.

**Note:** *If a door or the tailgate is left open for longer than 15 minutes, a 'time-out' function will extinguish the interior lights automatically to prevent the battery from discharging.*

If necessary, the automatic illumination features described above can be switched off, as follows:

When the ignition is in positions I or II, press and hold the courtesy light switch (1) for 5 seconds. The interior lights will flash and then extinguish. Automatic operation is suspended (manual operation is still available). To restore automatic operation, repeat the above process.

## INSTRUMENTS AND CONTROLS

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### Rear Courtesy Light



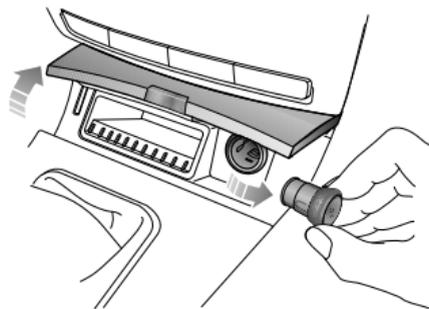
Press the switch (arrowed) to illuminate the courtesy light, press again to switch off.

## Power Socket

### Front Power Socket



Please ensure the socket lid is inserted when the power socket is not in use. This will ensure no debris or foreign objects enter the socket preventing its use or cause short circuits.

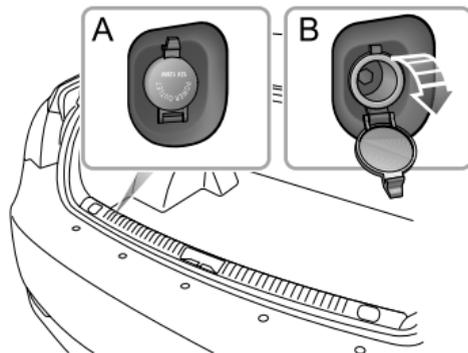


When the ignition is in position I or II, open the front ashtray cover, and pull out the socket lid to use the power socket.

After using, insert the socket lid back and close the front ashtray cover.

**Note:** The voltage of the power socket is 12V supply with a maximum power output of 120W.

### Accessory Power Socket \*



The accessory power socket (A) is located in the luggage compartment. Release the cover (B) to access the socket.

**Note:** The voltage of the accessory power socket is 12V supply with a maximum power output of 120W.

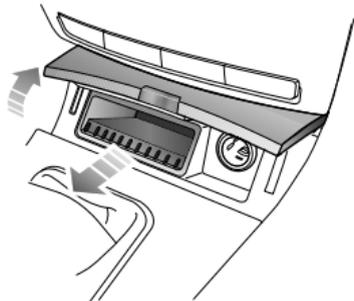
## **INSTRUMENTS AND CONTROLS**

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*Note: Extended use of the accessory power socket when the engine is switched off will cause premature discharging of the vehicle battery.*

## Storage Equipment

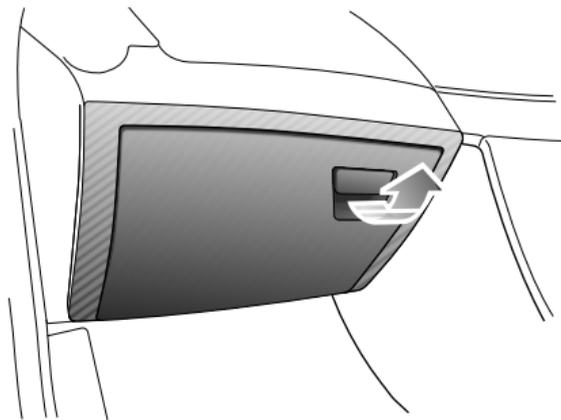
### Ashtray



Gently press the ashtray cover to open.

To remove and empty the ashtray, lift the insert tray from the surround and remove. Refit by installing the insert tray.

### Glovebox



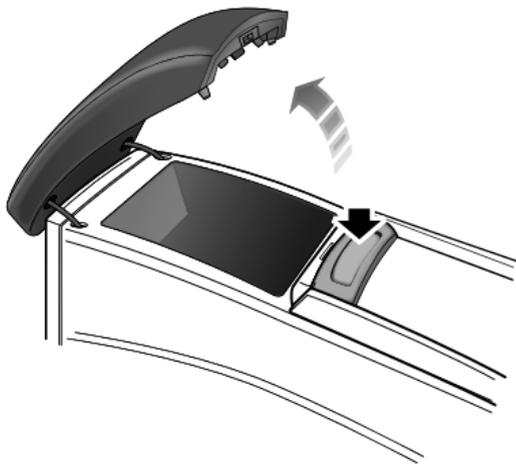
To open the glovebox, pull the handle. The integral lamp will illuminate automatically.

To close the glovebox, raise the lid, and push to close. Ensure the glovebox is fully closed when the car is moving.

# INSTRUMENTS AND CONTROLS

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## Cubby Box



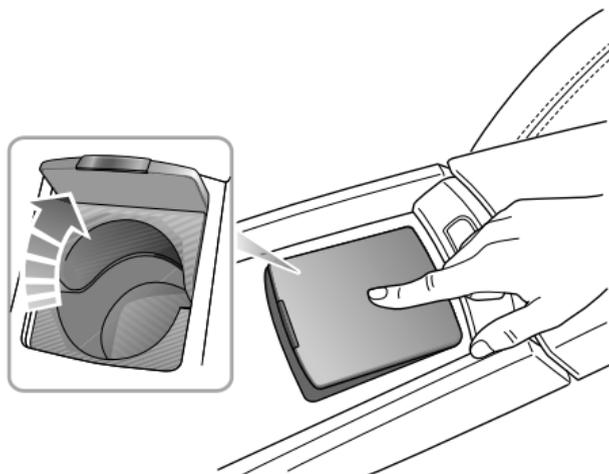
Press the release catch (arrowed) to open the lid. Push down to close.

## Cup Holder



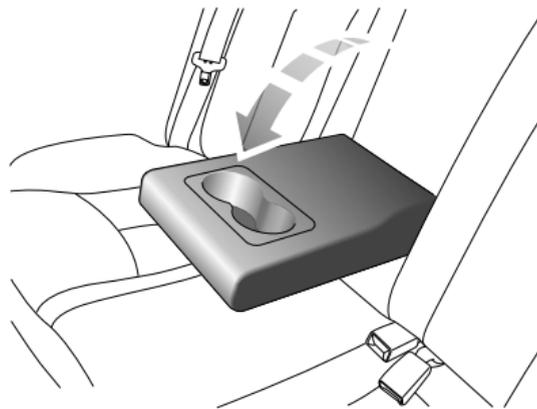
*Do not place hot drinks in the cup holder whilst driving. Spillage may result in personal injury or damage.*

## Front Cup Holder



Briefly press the front of panel to open the front cup holder. Push down to close it.

## Rear Cup Holder



Pull the rear armrest forwards and lower into position. Raise armrest to close.



## **Air Conditioning**

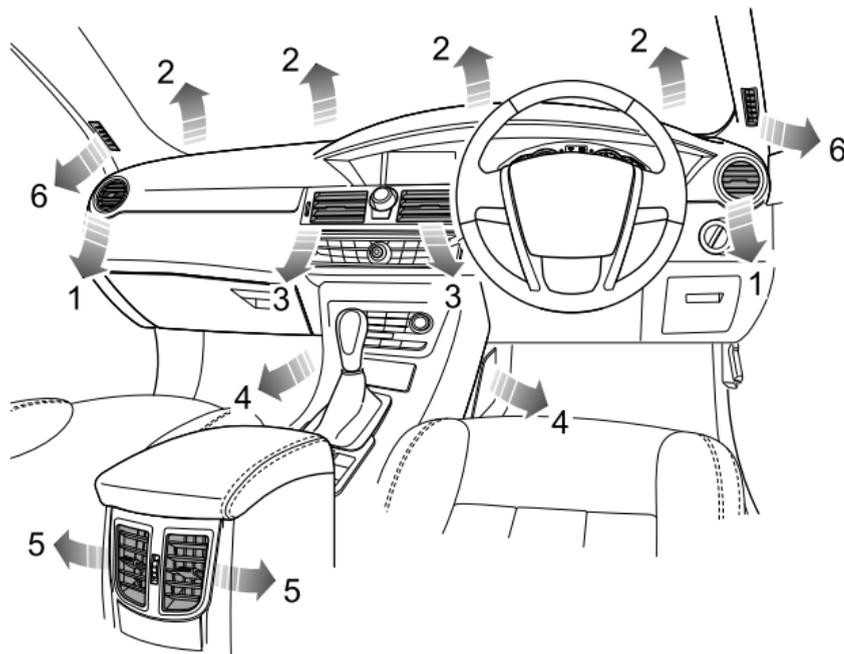
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- 60 Ventilation
- 63 Electronic Air Conditioning Controls \*
- 67 Automatic Air Conditioning Controls \*

# AIR CONDITIONING

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## Ventilation



- 1 Side vents
- 2 Windscreen vents
- 3 Centre vents
- 4 Front seat feet vents
- 5 Centre console vents \*
- 6 Front side window vents

Two additional vents which direct air to the feet of rear seat passengers are fitted beneath the carpet. (Not shown in illustration).

The heating and ventilation system provides fresh or heated air to the interior of the car from the air intake grille in front of the windscreen.

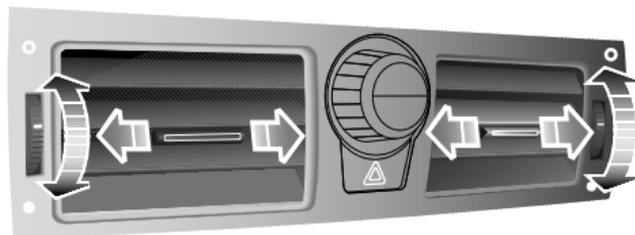
Always keep the air intake grille clear of obstructions such as leaves, snow or ice.

### Particle/Pollen Filter

The particle/pollen filter helps to keep the car interior free from pollen and dust. To remain fully effective, the filter should be replaced at the recommended service interval.

### Vents

#### Centre Vents



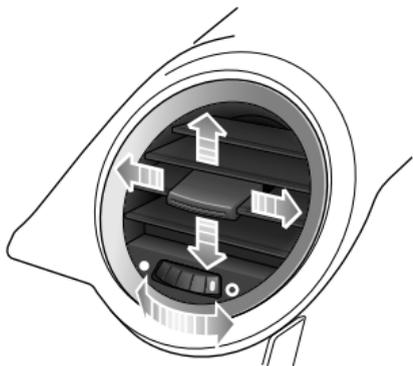
Rotate the thumb-wheel down to close or up to open the vents. Direct the air flow by moving the control in the centre of the louvres.

**Note:** To increase output from the centre vents, close the side vents.

# AIR CONDITIONING

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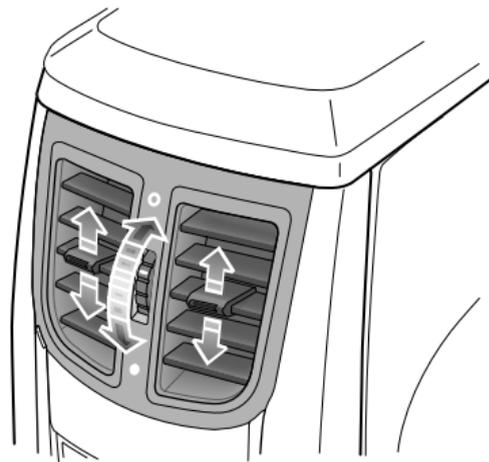
## Side Vents



Rotate the thumb-wheel to the left to close or to the right to open the vents. Direct the air flow by moving the control in the centre of the louvres up or down, or from side to side.

**Note:** *To increase output from the side vents, close the centre vents.*

## Centre Console Vents \*



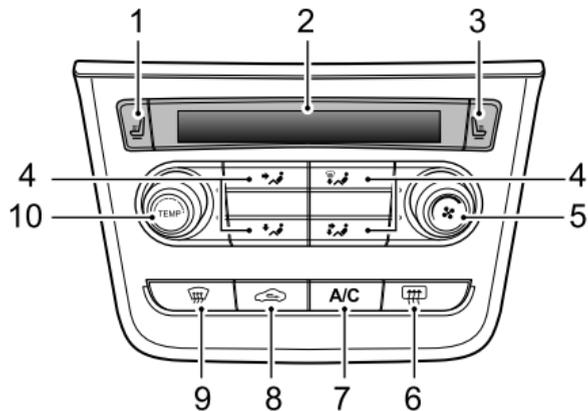
Rotate the thumb-wheel down to close or up to open the vents.

Direct the air flow by moving the control in the centre of the louvres up or down, or from side to side.

**Note:** *Centre console vents have air flow in any air distribution, but only cold air flow.*

## Electronic Air Conditioning Controls \*

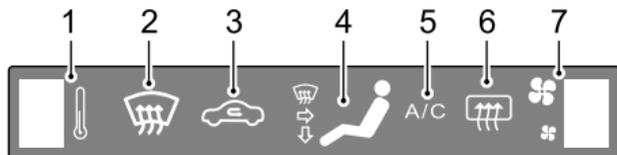
### Console Panel



- 1 Left side heated seat
- 2 Air conditioning display
- 3 Right side heated seat
- 4 Air distribution setting controls
- 5 Blower speed control
- 6 Heated rear screen
- 7 A/C on/off
- 8 Air recirculation
- 9 Defrost/Demist
- 10 Temperature control

# AIR CONDITIONING

## Air Conditioning Display



- 1 Temperature selected
- 2 Defrost/Demist on
- 3 Air recirculation on
- 4 Air distribution setting selected
- 5 Air Conditioning on
- 6 Heated rear screen on
- 7 Blower speed selected

### TEMP

Rotate the TEMP control clockwise to increase the temperature inside the car or rotate anti-clockwise to reduce.

The temperature set will be shown by the number of bars (between 1 and 8) in the display. The greater the number of bars, the higher the temperature.

## Air Distribution

Press the appropriate button to achieve the desired air distribution modes.



For 'face'. Directs air through the side, centre and centre console face level vents.



For 'feet' and 'face'. Directs air to the feet vents and to the face vents.



For 'windscreen' and 'feet'. Directs air to the windscreen and to the feet vents.



For 'feet'. Directs air to the feet vents.

### Blower



Rotate the blower control clockwise to increase the blower speed or rotate anti-clockwise to reduce the blower speed.

The blower speed set will be shown by the number of bars (between 0 and 8) in the display. The greater the number of bars, the faster the blower speed.

**Note:** Set the blower speed to 0 when A/C is switched off.

### Heated Rear Screen



**The heating elements on the inside of the rear screen are easily damaged. DO NOT scrape or scratch the glass. DO NOT stick labels over the heating elements.**



The heated rear screen will only function with the engine operating.

Press to operate; the LED in the switch will illuminate and a symbol appears in the display. The heated rear screen will switch off automatically after 12 minutes. The LED extinguishes and the symbol disappears when the heated rear screen is turned off.

### A/C Button



Press the A/C Button to switch the air conditioning system on. The A/C symbol will appear in the display. Press again to switch off.

**Note:** A/C will only operate when the engine is running.

**Note:** The heating function is still available, when the air conditioning system is switched off.

# AIR CONDITIONING

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When defrost/demist is selected pressing the A/C button will isolate the compressor, the defrost/demist selection will remain.

## Air Recirculation



With this button pressed, the air inside the car is recirculated and the air intake is closed, preventing the entry of traffic fumes.

When reversing, or operating the front screen washers, the system will automatically switch to interior air recirculation. (If during this process a passenger presses the interior/exterior air circulation switch, the air flow will return to the exterior setting).

The system will check every minute if the reverse signal is on and will automatically revert back to the previous setting when it detects that the driver has finished reversing.

**Note:** *Leaving the system in recirculation mode can cause the windscreen to mist. If this happens, switch*

**off recirculation and turn the controls to maximum demisting.**

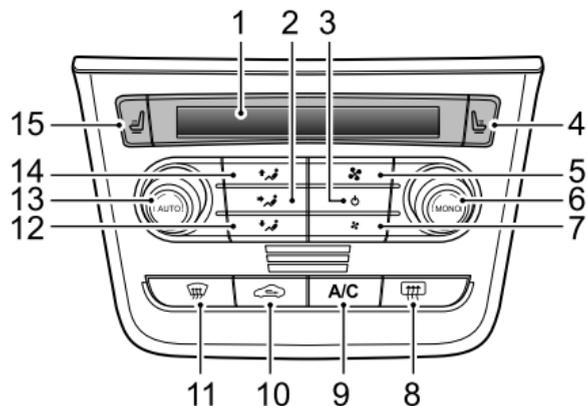
## Defrost/Demist



With this button pressed, air conditioning is switched on, the blower is set to maximum speed, air distribution is set to windscreen, recirculation is set to fresh air. The defrost symbol will appear in the display when this is selected. To switch off Defrost/demist, press the button again.

## Automatic Air Conditioning Controls \*

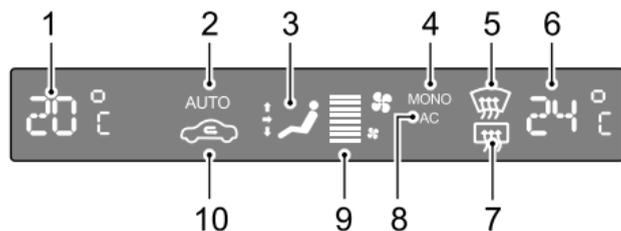
### Console Panel



- 1 Air conditioning display
- 2 For 'face'
- 3 System off
- 4 Right side heated seat
- 5 Increase blower speed
- 6 MONO control/Right zone temperature selected
- 7 Decrease blower speed
- 8 Heated rear window
- 9 Air conditioning on
- 10 Air recirculation
- 11 Defrost/demist
- 12 For 'feet'
- 13 AUTO control/Left zone temperature selected
- 14 For 'windscreen'
- 15 Left side heated seat

# AIR CONDITIONING

## Automatic Air Conditioning Display



- 1 Left zone temperature
- 2 AUTO on
- 3 Air distribution
- 4 MONO on
- 5 Defrost/demist on
- 6 Right zone temperature
- 7 Heated rear window on
- 8 Air Conditioning on
- 9 Blower speed
- 10 Recirculation on

## AUTO Control

Auto Control mode operation:

AUTO control is achieved by rotating both temperature controls to set the desired temperature and then pressing the AUTO control.

The air conditioning system is then programmed to operate the blower, air distribution and recirculation settings to maintain optimum levels of comfort within the car. AUTO icons will appear on the display but the air distribution and the blower icon will not appear in the display.

**Note:** In AUTO mode, if external temperature is low, the blower speed will increase after the engine temperature has risen.

**Note:** To ensure the AUTO control operates efficiently, all windows must be closed and the inlet vents must be clear of obstruction. Do not shield the sunlight sensor, located on top of the fascia.

## Manual Control

You can set the blower and air distribution manually, if you prefer. In this condition, AUTO symbol is not shown, indicating that AUTO is not selected.

**Note:** You can switch the air distribution mode by operating the button according to the current mode.

		Current distribution mode in display				
						
		The air distribution mode after pressing button				
Switch						
						
						

# AIR CONDITIONING

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For 'face'. Directs air to the side, centre and centre console vents.



For 'face' and 'feet'. Directs air to the feet and to the face vents.



For 'feet'. Directs air to the feet vents.



For 'windscreen' and 'feet'. Directs air to the windscreen and feet vents.



For 'windscreen'. Directs air to the windscreen vents.

## Blower

The blower speed is automatically set when in AUTO mode.

In manual mode, press the '+' button to increase blower speed or the '-' button to decrease. The blower speed will be shown in the display, represented by between 1 and 8 bars.

## Dual Zone Temperature Control

Operate right zone temperature knob or left zone temperature knob to set the corresponding side temperature in the car.

If setting a temperature higher than 28°C or lower than 16°C, 'HI' or 'LO' will appear in the display.

## MONO Control



Press this button to switch between single zone and dual zone mode. With single zone mode selected, the temperature setting for the car is set by rotating the right

zone temperature selected , MONO will appear in the display.

Press MONO again to switch to dual zone mode and the left zone temperature selected to set the temperature for the passenger side.

### Heated Rear Screen



***The heating elements on the inside of the rear screen are easily damaged. DO NOT scrape or scratch the glass. DO NOT stick labels over the heating elements.***



The heated rear screen will only function with the engine running. Press to operate; the LED in the switch will illuminate and a symbol appears in the display. The heated rear screen will switch off automatically after 12 minutes. The LED extinguishes and the symbol disappears when the heated rear screen is turned off.

### A/C Button



Press the A/C Button to switch the air conditioning system on. The A/C symbol will appear in the display. Press again to switch off.

***Note: A/C will only operate when the engine is running.***

***Note: The heating function is still available, when the air conditioning system is switched off.***

### OFF



Press to switch the air conditioning system/screen on or off. When the air conditioning system is switched back on, it returns to the settings in use prior to being switched off.

# AIR CONDITIONING

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## Air Recirculation



With this button pressed, the air inside the car is recirculated and the air intake is closed, preventing the entry of traffic fumes.

When reversing, or operating the front screen washers, the system will automatically switch to interior air recirculation. (If during this process a passenger presses the interior/exterior air circulation switch, the air flow will return to the exterior setting).

The system will check every minute if the reverse signal is on and will automatically revert back to the previous setting after four minutes or when it detects that the driver has finished reversing.

During the summer months, in AUTO and fresh mode, the system will monitor the interior temperature. If the outside temperature is high, the system will automatically switch to recirculation mode in order to maximise cabin cooling.

**Note:** Leaving the system in recirculation mode can cause the windscreen to mist.

## Defrost/Demist



Pressing this button the indicator light illuminates, the defrost/demist symbol appears in the display activating the most efficient heater setting to clear the windscreen and front side windows.

Pressing this button again will cancel defrost/demist and restore the previous settings, or press 'AUTO' to go straight into Auto mode.

**Note:** In AUTO mode and the outside temperature is lower than 5 °C , the heated rear screen function will operate automatically.

## Heated Front Seats



Pressing these buttons will activate the driver's and passenger's heated seats.

During the 10 minute timed activation period these are thermostatically controlled, so once the seat reaches 40°, the heater will turn off. The heat pad will turn on again should its temperature fall to 25°, this will continue until either the switch is operated again to turn them off or the 10 minute operation period expires.



## **Audio System**

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76 *Audio System* \*

# AUDIO SYSTEM

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## Audio System \*

This section of the handbook covers the audio systems fitted to (S) model variants.

Please read the audio operating instructions carefully in order to gain maximum enjoyment from the system.

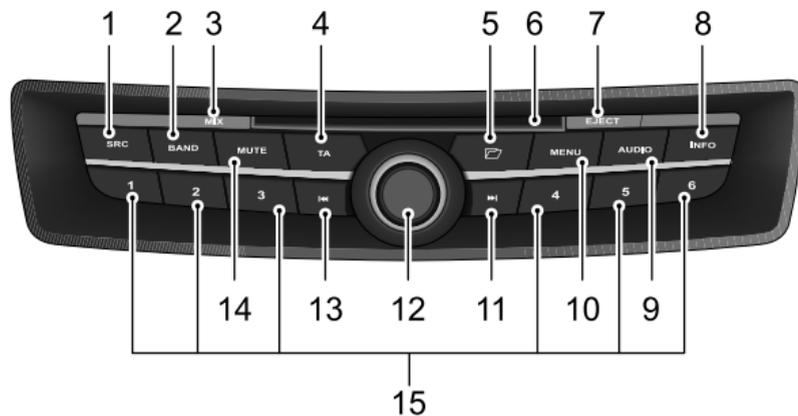
- 1 When cleaning the vehicle, ensure that water does not contact the audio system.
- 2 Use a soft cloth to clean the display. Use alcohol to remove stubborn dirt. Do not use water, solvent or abrasive cleaner, these substances will damage the display.
- 3 Do not attempt to play non standard discs, or any shape which is not round. Do not use damaged discs or place any other material into the CD slot.
- 4 The audio system is designed to operate between temperatures of  $-20^{\circ}\text{C}$  and  $+70^{\circ}\text{C}$ .
- 5 When travelling on rough or uneven roads, disc reproduction may be impaired.

- 6 Distortion, interference and lack of signal clarity, are often attributed to a fault in the radio. Problems of this kind are usually caused by atmospheric conditions, signal strength, hilly terrain, tall buildings, bridges and even electrical interference from power lines.
- 7 While RDS (Radio Data System) automatic retuning eases this problem, some manual retuning may still be needed (especially for local stations) in areas of weak reception.
- 8 The broadcast range for good quality stereo reception is noticeably less than it is for mono.

### IMPORTANT

Only use the CD player controls when road conditions permit.

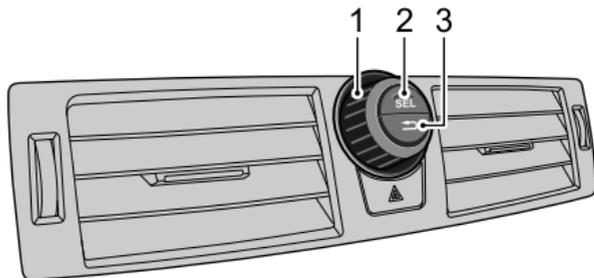
## Audio System Control Panel



- 1 SRC (Source)
- 2 BAND
- 3 MIX
- 4 TA (Traffic Announcement)
- 5 Folder
- 6 CD Slot
- 7 CD Eject Button
- 8 INFO
- 9 Sound Settings Button
- 10 MENU
- 11 Downward Search Button
- 12 On/Off, Volume
- 13 Upward Search Button
- 14 MUTE
- 15 Preset Station Number Buttons

# AUDIO SYSTEM

## Control Buttons



The audio control buttons are located in the centre of the fascia panel and have the following functions:

- 1 MFC (Multi-function Controller):** Used to move the cursor between the menu options. Rotate clockwise to move the cursor down or right. Rotate anti-clockwise to move the cursor up or left.
- 2 Select (SEL) Button:** Use to choose the option highlighted by the cursor.
- 3 ↵ Button:** Use to exit from current screen and return to previous level.

## Basic Operation

### On/Off Power

Press the On/Off button to switch on the audio system, press again to switch off.

### 30 Minutes Play Function

When the ignition is switched off, press the On/Off button to operate the audio unit for up to 30 minutes. After 30 minutes the unit will switch off. To switch on again, press the on/off button.

### Select Mode

Press SRC button to change the source of the output. The audio unit will cycle through the following options, radio, CD play (if there is a disc in the CD player), USB (if USB is connected), and AUX.

**Note:** *CD play can only be selected when there is a disc in the CD player.*

**Note:** *USB can only be selected when a USB source is connected.*

## Volume Control

Rotate the volume control clockwise to increase the volume or anti-clockwise to decrease volume.

## Sound Settings

Press the Sound Settings button to adjust the sound to suit your listening requirements. First press of the button selects Bass. Rotate the On/Off volume control to achieve the setting you require, then press the sound button again to select, in turn, the Treble, Fader and Balance settings.

The display will revert to its previous mode 5 seconds after the last button press.

## MUTE

Press to mute the sound from the audio system. Press again to resume audio sound.

If in CD/USB play, the MUTE button pauses CD/USB play.

## TA (Traffic Announcement)

Press to enable TA function, if the radio is on, the player will search automatically, if current station doesn't support TA, press the button again to disable TA.

When a TA is received during CD/USB playback, the MIX function (if selected) is cancelled.

## Select Folder

When a MP3/USB is playing, press the folder button and rotate the MFC to select the folder, press the button again, the first music track of the selected folder will play automatically.

## Setting Date and Time, Auto Volume, RDS (Radio Data System)

Press MENU to select setting date and time, auto volume and RDS.

Rotate the MFC to select the date and time, auto volume and RDS options. Press the MENU button again and rotate the knob to set.

# AUDIO SYSTEM

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## Radio Operation

### Select Source

Press the SRC button to select radio as the source.

### BAND

Repeatedly press the BAND button to select FM1, FM2, FM AST, MW or LW frequencies.

### Radio Tuning

There are 3 tuning modes:

- Search tuning
- Manual tuning
- Pre-set tuning

### Search Tuning Mode

Briefly press the up or down search button. The radio automatically searches the frequency range (either up or down depending upon which of the buttons is pressed) looking for a radio station of acceptable strength. Once a station is found, that station will be played.

### Manual Tuning Mode

Press and hold either of the search buttons until the 'MANUAL' is display on the screen. Press either of the search buttons to enter into manual tuning mode. 5 seconds after the last button press, the system will leave manual tuning mode.

### Pre-set Tuning Mode

Up to 30 radio stations can be stored (FM1, FM2, FM AST, MW, LW). Press numbers 1-6 to select a stored frequency.

### Store Station

There are manual store and auto store modes.

### Manual Store

- Press the 'BAND' button and select the desired waveband.
- Use search, manual or pre-set tuning modes to turn to the desired station.
- Press any 'Number' button for more than 2 seconds. The frequencies will be automatically stored.

**Note:** *Manual store overwrites any stations already stored on the pre-set buttons.*

### Auto Store

- Press 'BAND' button to select FM frequency.
- Press and hold the 'BAND' button. Auto-store scans the waveband to find the six strongest frequencies and then stores them on the FM AST pre-set buttons in order of signal strength.

If auto-store is unable to find six strong stations, the remaining pre-sets are not used.

**Note:** *Auto-store overwrites any stations already stored on the AST pre-set buttons.*

### RDS (Radio Data System) Settings

Press MENU to set AF (Alternative Frequency) on/off, CT (Clock, Time and Date) on/off, REG (Region) on/off, EON (Enhanced Other Network) settings, TAVOL (TA Volume) settings, and rotate the knob to achieve the setting you require.

When the RDS radio is playing, and the name of the station radio exists, it is shown on the display.

Repeatedly press the INFO button to read PTY (Programme Type), TEXT of the current RDS radio station.

**Note:** *AF shows that the RDS is tuning to the strongest signal for the station you have selected. It returns to a different frequency when you move into another area.*

**Note:** *CT function does not always work in some EU countries.*

**Note:** *INFO button has no function in AM or in AUX.*

**Note:** *CT synchronisation (via RDS) will be automatically deactivated if the user makes manual changes to the clock or date.*

**Note:** *Changes to REG setting from "ON" to "OFF" are stored only in Presets.*

# AUDIO SYSTEM

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## CD, USB, AUX Player



*The Compact Disc (CD) player fitted to your car will only accept one disc at a time.*

The CD/USB compatibility information as follows:

	CD-R/RW	USB
File System	ISO9660 With Joliet (UDF not supported)	FAT
Max No. of Folders	512	Folders + Files <= 999
Max No. of Files	511	
Max Folder Nested Depth	8	
Playable File Types	CD-A, MP3, WMA	MP3/WMA

### Loading a CD

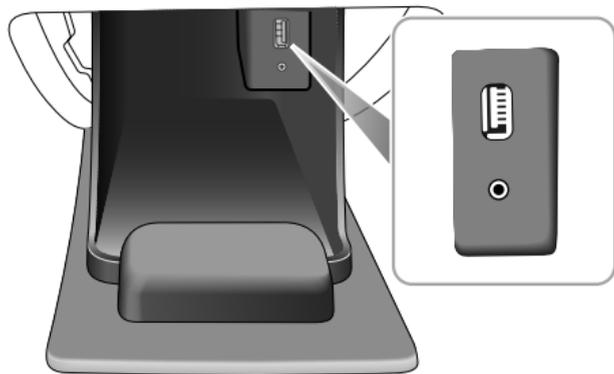
Make sure that the disc is positioned with the label side upwards, then gently push it into the slot until the mechanism draws the disc in fully. CD play will start immediately.

### Connect USB

Insert a USB memory stick via the USB connection inside the stowage tray located on the lower side of the instrument panel adjacent to the driver's door, press SRC to access the USB mode.

### Connect AUX

Insert an AUX device via the AUX connection inside the stowage tray located on the lower side of the instrument panel adjacent to the driver's door, press SRC to access the AUX mode.



### Track Search

- 1 Press the Upward Search Button once to skip to the beginning of the next track.
- 2 If the track elapsed time is more than 2 seconds, press the Downward Search Button once to return to the start of the current track and press again to start the previous track. If elapsed time is less than 2 seconds,

press the Downward Search Button once to return to the previous track.

### Fast Forward/Rewind

- 1 Press and hold the Downwards Search Button to fast rewind.
- 2 Press and hold the Upwards Search Button to fast forward.

### MIX

Press MIX to play the tracks on a specific CD/USB in a random order. Press again to cancel the function.

# AUDIO SYSTEM

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## INFO

When playing MP3/WMA files, repeatedly press INFO to view filename, folder name and any other identification that has been added to the disc. If the number of characters will not fit on the display, the text will be scrolled across the display.

## Ejecting CD

Press the eject button. The disc will be ejected from the player and can then be removed.

## Remove USB

Do not remove USB directly when it is playing, it will damage the USB files.

## Antenna



The antenna is located at the rear of the roof. Avoid bending the antenna. However when required, e.g. when using an automatic car washing facility, please ensure that the antenna is removed.

To remove the antenna unscrew the antenna anti clockwise.

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# SEATS AND RESTRAINTS

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## Seats

Make sure your driving position is comfortable and enables you to maintain full control of the vehicle.

### Correct Seating Position



*To avoid the risk of loss of control and personal injury, DO NOT adjust the seats while the car is moving.*



*Take care when adjusting the height of the driver's seat — the feet of the rear passenger could become trapped when the seat is lowered.*



*DO NOT allow front seat occupants to travel with the seat backs reclined steeply rearwards. Optimum benefit is obtained from the seat belt with the backrest angle set to approximately 25° from the upright (vertical).*

The driver and front passenger seats should be positioned as far rearward as practical. A properly adjusted seat helps reduce the risk of injury from sitting too close to an inflating airbag.

### Head Restraints

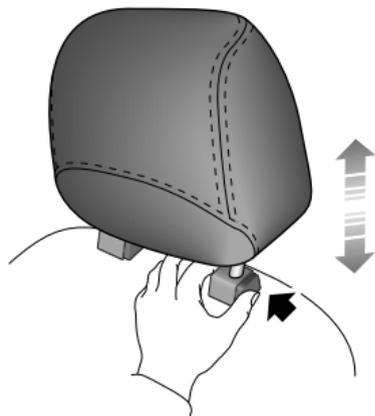


*Adjust the head restraint so that the top of the head restraint is in line with the top of the occupant's head and the back of the occupant's head is as close as possible to the head restraint.*



*Under no circumstances are the head restraints to be used for hanging anything.*

Head restraints are designed to prevent rearward movement of the head in the event of a collision or heavy braking, thereby reducing the risk of head and neck injuries.

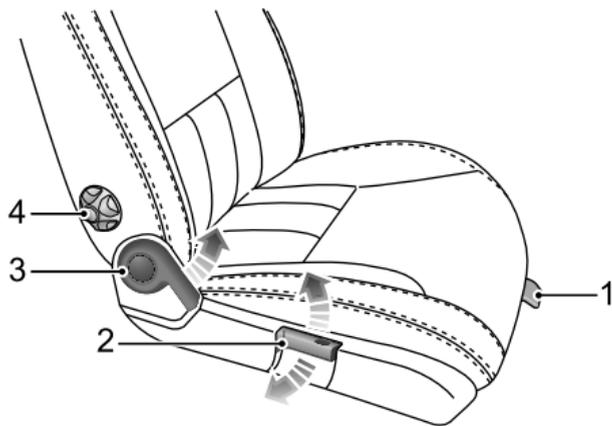


Press the button (arrowed) and push the head restraint downwards to lower its position, or lift the head restraint to raise its position. The head restraint can be removed by lifting fully upwards.

# SEATS AND RESTRAINTS

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## Manual Front Seat \*



### 1 Forward/Rearward Adjustment

Lift the lever (1) and slide the seat into position. Make sure the seat is locked in position before driving.

### 2 Height Adjustment \*

Pull the lever (2) upwards with a pumping action to raise the seat as required. Press down on the lever with a pumping action to lower the seat.

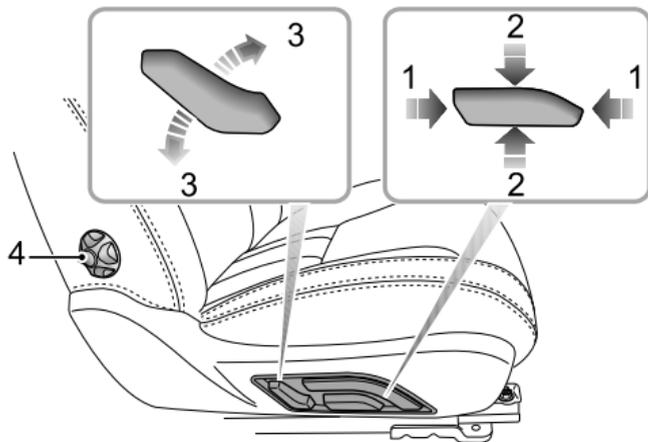
### 3 Backrest Adjustment

Lift the lever (3) and allow the seat to move, tilt the backrest to the desired position.

### 4 Lumbar Support Adjustment

Rotate the handwheel (4) to adjust.

## Power Front Seat \*



### 1 Forward/Rearward Adjustment

Push and hold the switch (1) forwards or rearwards to move the seat.

### 2 Seat Cushion Height \*

Push the switch (2) up or down to raise or lower the cushion.

### 3 Backrest Adjustment

Twist the switch (3) forward or backwards until the desired angle is achieved.

### 4 Lumbar Support Adjustment

Rotate the handwheel (4) to adjust.

## Heating Front Seat



Pressing these buttons will activate the driver's and passenger's heated seats.

During the 10 minute timed activation period these are thermostatically controlled, so once the seat reaches 40°, the heater will turn off. The heat pad will turn on again should its temperature fall to 25°, this will continue until either the switch is operated again to turn them off or the 10 minute operation period expires.

**Note:** Please refer to 'Air Conditioning' for the location of the two buttons.

## SEATS AND RESTRAINTS

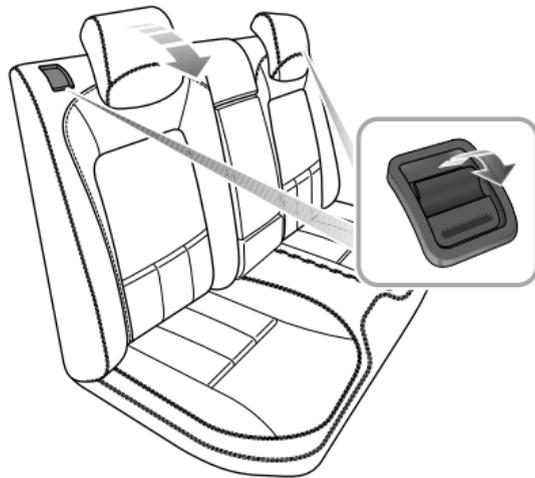
### IMPORTANT

- Do not cover the heated seats with blankets, cushions or other insulation type objects or materials.
- If the seat is heated up to 45°C and continues getting hotter when using seat heating system, please turn off seat heating and contact MG Authorised Repairer.
- Overuse of the driver's heated seat may cause drowsiness and could therefore affect safety.

### Folding the Rear Seats



**DO NOT** carry objects on the rear parcel shelf - they could become dangerous projectiles in the event of an accident.



To increase luggage space, fully lower all head restraints, press either of the release catches and fold the seat backrest forward.

### Rear Seat Backrests 'Latch Secure' Indicators

When returning the seat to the upright position, ensure that the catches are engaged and that the red strip is not visible - this confirms that the backrest is secure.

**Note:** *When returning the seat to the upright position, ensure that the seat belts are not trapped.*

# SEATS AND RESTRAINTS

## Seat Belts

### Safety Information



*The airbag supplementary restraint system (SRS) is designed to add to the overall effectiveness of the seat belts. It does not replace them. SEAT BELTS MUST ALWAYS BE WORN!*



*Ensure that all seat belts are worn correctly - an improperly worn seat belt increases the risk of death or serious injury in the event of a collision.*

The seat belts fitted to your vehicle are intended for use by adult sized persons. Each belt is intended for one person only.

### IMPORTANT

- DO make sure all passengers are securely strapped in at all times - even for the shortest journeys.
- ALWAYS adjust seat belts to eliminate any slack in the webbing. To be fully effective, the seat belt must remain in full contact with the body at all times.
- ALWAYS fit the lap strap as low on the hips as possible (never across the abdomen), and ensure that the diagonal belt passes across the shoulder without slipping off or pressing on the neck.
- DO NOT wear seat belts over hard, sharp or fragile items in clothing, such as pens, keys, spectacles etc.
- Always replace a seat belt assembly that has withstood the strain of a severe vehicle impact, or if the webbing shows signs of fraying.
- Where possible use the seat belts to secure large items of luggage that are to be carried on the seats - in the event of an accident, unsecured items become flying missiles capable of causing serious injury.

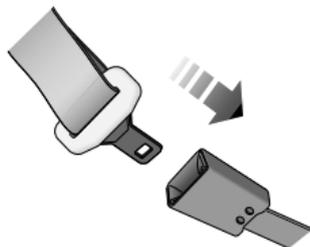
### IMPORTANT

- DO NOT use a seat belt that is twisted or obstructed in any way that could impede its smooth operation.
- DO NOT allow front seat occupants to travel with the seat backs reclined steeply rearwards. Optimum benefit is obtained from the seat belt with the seat back angle set to approximately 25° from the upright (vertical) position.
- DO NOT allow foreign matter (particularly sugary food and drink particles) to enter the seat belt locks - such substances can render the locks inoperative.
- In most countries, all occupants are required by law to wear a seat belt, unless they have been issued with a medical exemption certificate.
- During pregnancy, women should wear the lap belt across the hips below the baby.

### Fastening the Belt



***Do not attach any additional device to the seat belt in any way which may impede its operation.***



Pull the seat belt steadily over the shoulder and across the chest and, ensuring the webbing is not twisted, insert the metal tongue plate into the buckle nearest the wearer. A 'click' indicates that the belt is securely locked.

***Note: If when using the rear centre 3 point seat belt you encounter difficulty fastening it, release the belt, allow it to retract then pull it out slowly, then lock it securely into place.***

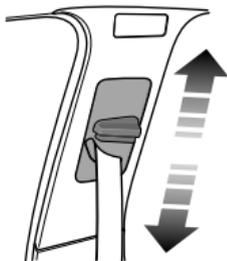
# SEATS AND RESTRAINTS

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## Releasing the Belt

Press the red button on the seat belt buckle to release the belt.

## Upper Anchorage Height Adjustment



Press the handle and raise or lower the seat belt upper anchorage so that the seat belt is in a comfortable position.

## Checking Seat Belts

- With the seat belt fastened, give the webbing nearest the buckle a quick pull - the buckle should remain securely locked.
- Unreel the webbing to the limit of its travel. Check that webbing is free from snags and cuts and further check for visual signs of wear or fraying. Allow the webbing to retract, checking that retraction is smooth, continuous and complete.
- With the webbing half unreeled, hold the tongue plate and give it a quick forward pull - the mechanism must lock automatically and prevent any further unreeling.

If a seat belt should fail any of these tests, contact your MG Authorised repairer for inspection at the earliest opportunity.

### Replacing Seat Belts



***Always replace a seat belt assembly where the webbing shows signs of fraying.***

Regularly inspect the belt webbing for signs of fraying, cuts and wear; also pay particular attention to the condition of the fixing points and adjusters.

### Seat Belt Pre-tensioners \*



***The seat belt pre-tensioners will only be activated once and then **MUST BE REPLACED**. Failure to replace the pre-tensioners will reduce the efficiency of the car's front restraint systems.***

The seat belt pre-tensioners activate in conjunction with the airbag to provide additional protection in the event of a severe frontal impact. The pre-tensioners automatically retract the seat belts. This reduces the forward movement of the belt wearer in the event of a severe collision.

**Note:** *The seat belt pre-tensioners will **NOT** be activated by minor impacts.*

The seat belt pre-tensioners are located inside the front seat belt reels.

The airbag warning light on the instrument panel will alert the driver to any malfunction of the seat belt pretensioners (see 'Airbag Warning Light and Messages').

If the pre-tensioners have been activated, the seat belts will still function as restraints, and must be worn in the event that the vehicle remains in a drivable condition.

#### IMPORTANT

- The removal or replacement of a pre-tensioner must be carried out by the manufacturer trained, dealer technicians.
- 10 years from the initial date of registration (or installation date of a replacement seat belt pre-tensioner), some components will need to be replaced. The appropriate page of the Warranty and Maintenance Manual must be signed and stamped once the work has been completed.

# SEATS AND RESTRAINTS

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## Airbag Supplementary Restraint System

### Airbags



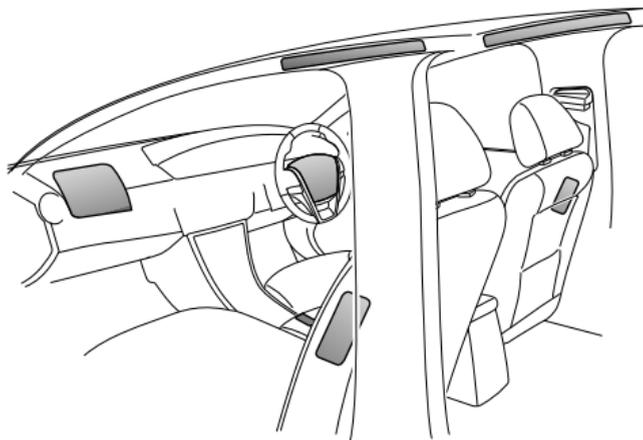
*The airbag SRS provides **ADDITIONAL** protection in a severe impact only. It does not replace the need to wear a seat belt.*

The SRS system incorporates front and side airbags and side head impact protection airbags for both the driver and front seat passenger.

The front airbags are located in the centre pad of the steering wheel and in the fascia panel above the glovebox.

Side airbags are positioned in the backrest padding on the outward side of both front seats.

Side head impact protection airbags are situated behind the headlining above the doors.



**Note:** *The front airbags are not designed to operate as a result of rear collision, minor frontal or side impacts, or if the vehicle overturns; nor will it operate as a result of heavy braking.*

**Note:** *Inflation and deflation of the front and side airbags takes place very quickly and will not protect against the effects of secondary impacts that may occur.*

Provided the front seat occupants are correctly seated and with seat belts properly worn, the airbags will provide additional protection to the chest and facial areas in the event of the car receiving a severe frontal impact. Side airbags and side head impact protection airbags are designed to offer additional protection to the side of the body facing the impact, if a severe side collision occurs.

### IMPORTANT

- Even if the vehicle is equipped with airbags, you should always wear seat belts to reduce the risk of severe casualty in the event of a collision. Wearing seat belts helps reduce the possibility of hitting or being pushed away from, any object in the interior of the car. The airbags are supplementary protection to seat belts. They are an aid to, NOT replacement of, seat belts.
- The airbags together with the 3-point seat belts provide optimum protection for adults, but not for children. Children should be protected by child restraints.

### Airbag Deployment



*To minimise the risk of accidental injury from inflating airbags, seat belts should be worn correctly at all times. In addition, both driver and front seat passenger should adjust their seat to provide sufficient distance from the front airbags. If side airbags/side head impact protection airbags are fitted, both driver and front seat passenger should be seated to maintain sufficient distance from the upper part of the body to the sides of the vehicle, this will ensure maximum protection when the side airbags/side head impact protection airbags are deployed.*

In the event of a collision, the airbag control unit monitors the rate of deceleration or acceleration induced by the collision, to determine whether the airbags should be deployed.

Operation of the airbag is not dependent on the speed of the car, but on the type and size of object hit, angle of impact and the rate at which the car changes speed as

## SEATS AND RESTRAINTS

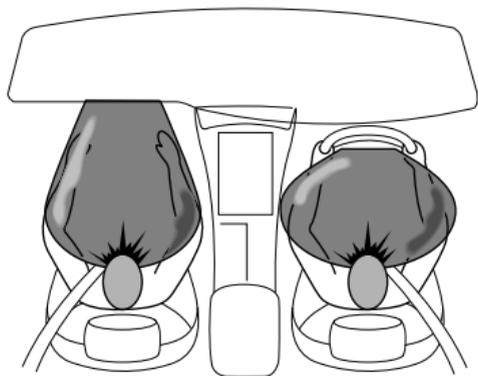
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a result of a collision. Deployment of the airbag is not dependant on the amount of damage to the vehicle.

In the case of a severe frontal collision, both front airbags will be deployed. In the case of a severe side collision, only the side airbag and side head impact protection airbag on the impact side of the vehicle will inflate.

However, there may also be impact conditions whereby one set of side and both front airbags deploy at the same time, or where front and side airbags respond separately as a result of a secondary impact occurring after the initial collision has taken place.

Airbag inflation is virtually instantaneous and occurs with considerable force, accompanied by a loud noise. The inflated bag, together with the seat belt restraint system, limit the movement of a front seat occupant, thereby reducing the risk of injury to the head and upper torso.



**Note:** *When an airbag inflates, a fine powder is released. This is not an indication of a malfunction, however, the powder may cause irritation to the skin and should be thoroughly flushed from the eyes and any cuts or abrasions of the skin. After inflation, front and side airbags deflate immediately. This provides a gradual cushioning effect for the occupant and also ensures that the driver's forward vision is not obscured.*

### IMPORTANT

- Obstructions between an airbag and the occupant may affect the correct deployment of the airbag. Obstructions must not interfere with the airbag inflation passages. Accessories must not be attached to or obscure an airbag.
- Front seat passengers should not place feet, knees or any other part of the body in contact with, or in close proximity to, a front airbag.
- An inflating airbag can cause facial abrasions and other injuries if the occupant is too close to the airbag at the time of its deployment.

### Front Seat Side Airbags



***Ensure sufficient distance exists between the driver and front passengers' torsos and the side of the vehicle to ensure correct deployment of the front side airbags.***

Front seat side airbags are designed to protect the head and chest and will be deployed in the event of the car receiving a severe side impact. It will not be deployed in the event of a front or rear impact.

In the event of a severe impact on one side of the vehicle, the seat side airbag will be deployed from the side of the seat, on that side of the vehicle, to provide a cushion of air to protect the front seat occupant. The seat side airbag on the other side of the vehicle will not be deployed.

Seats with side airbags can be identified by an 'Airbag' marking on the side of the seat backrest.

***Note: The manufacture and material of the seat is important to ensure correct operation of the seat side airbags. Do not fit seat covers unless they are***

## SEATS AND RESTRAINTS

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*approved by the manufacturer. Contact your MG Authorised Repairer to repair or replace front seats.*

### Side Head Impact Protection Airbags



*Ensure sufficient distance exists between the driver and front passengers' torsos and the side of the vehicle to ensure correct deployment of the side head impact protection airbags.*

Side head impact protection airbags are designed to protect the head and neck and will be deployed in the event of the car receiving a severe side impact. It will not be deployed in the event of a front or rear impact.

In the event of a severe impact on one side of the vehicle, the side head impact protection airbags will be deployed from the roof, on that side of the vehicle, to provide a cushion of air to protect the front seat occupant. The side head impact protection airbags on the other side of the vehicle will not be deployed.

### Airbag Warning Light and Messages



***DO NOT service, repair, replace, modify or tamper with any part of the airbag, or wiring in the vicinity of an airbag component; this could cause the system to activate, resulting in personal injury.***

A warning light, mounted on the instrument pack, will alert you to any malfunction of the airbags. The light will illuminate as a system check when the ignition is switched on and will extinguish after approximately four seconds.

If any of the following symptoms occur, the system should be inspected by your MG Authorised Repairer.

- The warning light fails to illuminate when the ignition is on.
- The warning light fails to extinguish within approximately four seconds after the ignition is switched on.
- The warning light illuminates while the car is being driven.

### Service Information



***DO NOT install or modify the airbag. Any changes to the vehicle structure or airbag system wiring harness are strictly prohibited.***

Always contact your MG Authorised Repairer if:

- an airbag inflates.
- the front or side of the vehicle is damaged (even if the corresponding airbag has not inflated).
- any part of an airbag module covers show signs of deterioration or damage.

The components of the SRS System are sensitive to electrical and physical interference; it is recommended that you ALWAYS seek MG Authorised Repairer before carrying out any of the following:

- Removal or repair of any wiring or component in the vicinity of the SRS System, including: the steering wheel, steering column, front seats, fascia and instrument panel.
- Installation of electronic equipment such as a mobile phone, two-way radio or in-car entertainment system.

- Attachment of accessories to, or modification of, the front or side of the vehicle.
- Removal, replacement, or retrimming of a front seat or seat cover.

#### IMPORTANT

- The removal or replacement of an airbag module must be carried out by an MG Authorised Repairer.
- After 10 years from the initial date of registration (or installation date of a replacement airbag), some components will need to be replaced by an MG Authorised Repairer. The appropriate page of the Warranty and Maintenance Manual must be signed and stamped once the work has been completed.

## SEATS AND RESTRAINTS

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### Disabling the Passenger Airbag



***The Passenger Airbag should only be disabled when a rear facing child seat is fitted to the front passenger seat.***



***When an adult is seated in the front passenger seat, ensure that the airbag is switched on.***



The airbag disable switch is located on the end of the dashboard. To disable the passenger airbag, insert the emergency key blade contained within the handset. To remove the emergency key from the handset refer to the Starting and Driving Emergency Unlocking section of the owners handbook.

### Disposing of the Vehicle

Uninflated airbags are potentially very dangerous and must be safely deployed in a controlled environment by qualified personnel, before a vehicle is scrapped.

### Child Restraints



*Children must be secured in the vehicle in a child restraint system appropriate for weight and size.*



*DO NOT put the child on the lap or in arms when sitting in any seat.*



*The ISOFIX anchorages in the rear seat are designed for use with ISOFIX systems only.*



*When installing and using any child restraint system, always follow the manufacturer's instructions.*



*Failure to follow the advice could result in serious injury or even death of the child.*



### Child Restraint Instructions

It is recommended that children below the age of 12 years old should be seated on the rear seat of the vehicle, in a child restraint system appropriate to the children's weight and size.

It is recommended that a child restraint system that complies with UN ECE R44 standard are fitted in this vehicle. Check markings on the child restraint system.

Infants less than 2 years old should be restrained in an infant child restraint system.

There are a number of child restraint systems available of different type and specification. For optimum protection,

## SEATS AND RESTRAINTS

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It is recommended that you choose restraint systems appropriate to the child's age and weight.

It is important to comply with installation instructions supplied by the child restraint manufacturer and that child restraint system is properly secured to the vehicle. Failure to follow these instructions may cause death or serious injury to the child in an event of a sudden stop or accident.

**Note:** *Use an appropriate child restraint system until the child becomes large enough to be properly restrained by the vehicle's seat belts.*

**Note:** *DO NOT install a rear facing child restraint system in the front passenger seat, unless the front passenger airbag has been deactivated or when an airbag manual deactivation switch is not fitted to the vehicle.*

**Note:** *Front passenger seat must be positioned fully rearwards for installation of rear facing child restraint systems.*

**Note:** *Some rear facing child restraint system installations in the rear seat may require forward adjustment of the front seat.*

**Note:** *Seat head restraints may need to be adjusted or removed for installation of some forward facing child restraint systems.*

**Note:** *Rear parcel shelf may need to be temporarily detached to enable Top tether access to the anchorage in the rear of the seat back.*

### IMPORTANT

- It is recommended that a child restraint system that complies with UN ECE R44 standard are fitted in this vehicle. Check markings on the child restraint system.
- It is recommended that children should always be seated in the rear of the vehicle in a child restraint system. If it is necessary for a child to travel in the front, it is essential that the seat is set fully rearwards , the seatback upright and the child is secured in a FORWARD FACING child restraint system.
- Remember that in the event of a collision or heavy braking a child restraint system that is not correctly fitted could move and injure other occupants. Make sure that a child restraint system is properly secured even if no child is currently using it.

# SEATS AND RESTRAINTS

## Approved Child Restraint Positions (for Non-ISOFIX Child Restraints)



If vehicle is not equipped with passenger airbag disable switch, rearward facing child restraints **MUST NOT** be installed on the front passenger seat.

## Approved Child Restraint Positions (for Non-ISOFIX Child Restraints)

Weight Group	Seating Positions				
	Front Passenger			Rear Outboard	Rear Centre
	Without Passenger Airbag Disable Switch	With Passenger Airbag Disable Switch			
Airbag ON		Airbag OFF			
0 (up to 10 kg)	X	X	U	U	X
0+ (up to 13 kg)	X	X	U	U	X
I (9 to 18 kg)	X	X	U	U	X
II (15 to 25 kg)	U	U	U	U	X
III (22 to 36 kg)	U	U	U	U	X

U = Suitable for 'Universal' category restraints approved for use in this mass group.  
 X = Seat position not suitable for children in this mass group.

## SEATS AND RESTRAINTS

### Approved Child Restraint Positions (for ISOFIX Child Restraints)

Weight Group	Size Class	Fixture	ISOFIX Positions
			Rear Outboard
Carrycot	F	ISO/L1	X
	G	ISO/L2	X
0 (up to 10 kg)	E	ISO/R1	IUF
0+ (up to 13 kg)	E	ISO/R1	IUF, IL
	D	ISO/R2	IUF
	C	ISO/R3	IUF
I (9 to 18 kg)	D	ISO/R2	IUF
	C	ISO/R3	IUF
	B	ISO/F2	IUF
	BI	ISO/F2X	IUF, IL
	A	ISO/F3	IUF
II (15 to 25 kg)	N/A	N/A	X

## SEATS AND RESTRAINTS

Weight Group	Size Class	Fixture	ISOFIX Positions
			Rear Outboard
III (22 to 36 kg)	N/A	N/A	X

IUF = Suitable for ISOFIX forward-facing child restraint systems of universal category approved for use in this mass group.

IL = Suitable for particular ISOFIX child restraint systems (CRS) given in the attached list. These ISOFIX CRS are those of the 'specific vehicle', 'restricted' or 'semi-universal' categories.

X = No ISOFIX child restraint system approved in this weight class.

**ISOFIX size class and seat device**

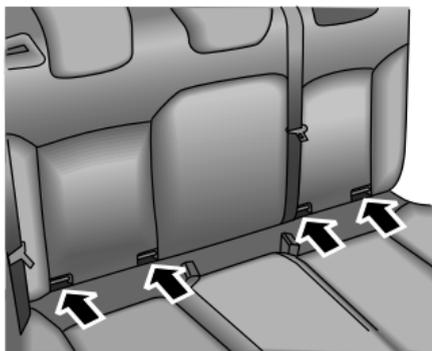
- A – ISO/F3 = Forward-facing child restraint system
- B – ISO/F2 = Forward-facing child restraint system
- B1 – ISO/F2X = Forward-facing child restraint system
- C – ISO/R3 = Rear-facing child restraint system
- D – ISO/R2 = Rear-facing child restraint system
- E – ISO/R1 = Rear-facing child restraint system
- F – ISO/L1 = Left Lateral Facing position CRS (carry-cot).
- G – ISO/L1 = Right Lateral Facing position CRS (carry-cot).

**Note: For Child Restraints of Class R, the front seat may require forward adjustment for some rearward facing child seat installation.**

## List of Approved Child Restraints Systems

Weight Group	Size class	CRS name	Fixture	Type	Category
0+ (up to 13 kg)	E	Britax Baby Safe Plus with support seat frame	ISO/R1	Rear Facing	Semi-universal
I (9 to 18 kg)	BI	Britax Duo Plus with Top Tether	ISO/F2X	Forward Facing	Universal

## ISOFIX Child Restraint Systems



Fasten vehicle-approved ISOFIX child restraint systems to the mounting brackets.

When using ISOFIX mounting brackets for seat mounting, universally approved child restraint systems for ISOFIX may be used.

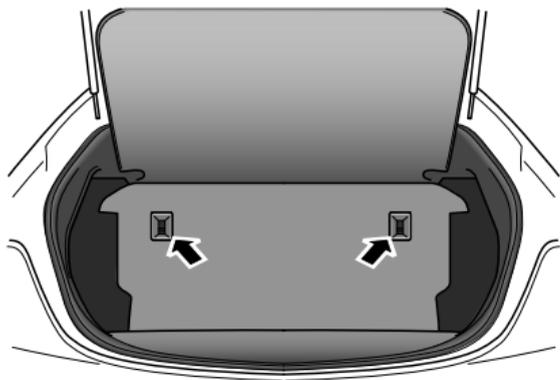
## Top-tether Child Restraint Systems



*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.*

## SEATS AND RESTRAINTS

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- Fasten the Top-tether of the child restraint system to the anchor at the rear of the rear passenger seat backrest.

**Note:** *When using seat mounting, universally approved child restraint systems, Top-tether must be used.*

**Note:** *Please refer to the child restraint system manufacturer's instructions for details.*

## Starting and Driving

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# STARTING AND DRIVING

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## Handsets

### Introduction



***Please keep the spare handset in a safe place - not in the car!***



***It is recommended that spare handsets are not kept on the same key ring, since this may cause interference and prevent correct key recognition and therefore prevent the engine from starting.***

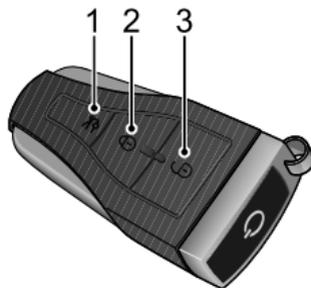


***The remote handsets contains delicate electronic components and must be protected from impact and water damage, high temperature and humidity, direct sunlight and the effects of solvents, waxes and abrasive cleaners.***

You are supplied with two remote handsets with integral emergency keys which operate all locks.

The handsets supplied with your car are programmed to your security system. If a handset has not been programmed according to your car, it cannot start the engine.

The remote handsets only work within a certain range. Its work scope is sometimes influenced by the handset battery condition, physical and geographical factors. For safety consideration, after you lock your car by the remote handset, please recheck if the car is locked.



- 1 Tailgate release button
- 2 Lock button
- 3 Unlock button

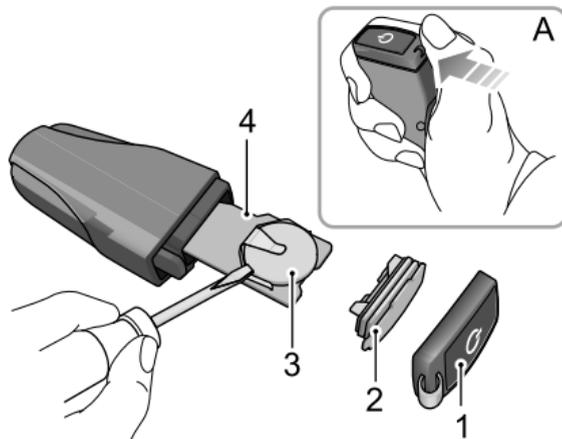
If your handset is lost/stolen or broken, a replacement can be obtained only from MG Authorised Repairer. The lost/stolen handset can be deactivated. If the lost handset is found, MG Authorised Repairers can reactivate it.

**Note:** Replacement handsets are only available via MG Authorised Repairer.

**Note:** The new handset cannot be offered to you immediately because it needs some time to match the new handset with the vehicle by MG Authorised Repairer.

### Handset Battery Removing and Refitting

If the battery needs replacing, the message centre will display 'Key Battery Low' whenever the handset is operated. The message will be repeatedly displayed for several seconds when the ignition is switched off.



- 1 Slide the top of the handset (A) forward until it releases (1).
- 2 Remove the plastic bung from the handset (2).

#### IMPORTANT

Take great care when removing the plastic bung to ensure that the emergency key does not fall out.

## STARTING AND DRIVING

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- 3 Note the location of circuit board , remove the circuit board (4) from the handset.
- 4 Use a screwdriver to prise the battery (3) from its mounting, taking care to avoid touching the circuit board or the metal battery contacts.

**Note: Finger marks will adversely affect battery life; if possible, avoid touching the flat surfaces of the battery.**

- 5 Fit the new battery, ensuring that correct polarity is maintained ('+' side facing up).

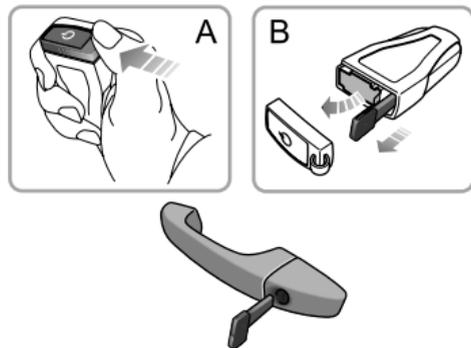
**Note: It is recommended that you fit a CR2032 replacement battery.**

- 6 Insert the circuit board into the handset and refit the plastic bung.
- 7 Fix the top of the handset, then slide it backwards.
- 8 Insert the handset into ignition switch to resynchronise it.

### IMPORTANT

- Use of inappropriate battery may damage the handset. The new replacement's rated voltage, sizes and specifications must be the same with the old one.
- Inappropriate fitting of the battery may damage the key.
- Dispose of the used battery must be strictly in accordance with relevant environmental protection acts.

### Emergency Key



If for any reason, the handset can not unlock or lock the car, you can unlock or lock it by inserting the emergency key in the driver's door lock. Turn anti-clockwise to unlock the door. Turn clockwise to lock the door.

The emergency key is fitted inside the remote handset. Slide the top of the handset (A) forward until it releases. Extract the plastic bung to access the emergency key (B).

#### IMPORTANT

Take great care when removing the plastic bung to ensure that the emergency key does not fall out.

Once the door has been opened in this way, the handset must be inserted into the docking station, within 15 seconds to avoid the alarm sounding.

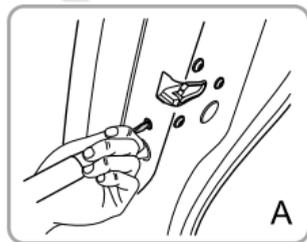
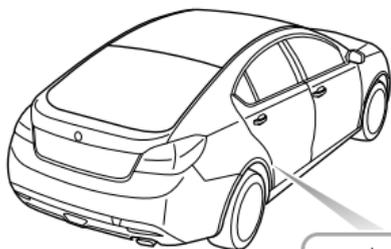
Once the handset has been docked, it can be removed and the emergency key replaced.

# STARTING AND DRIVING

## Child-Proof Locks



**NEVER** leave children unsupervised in the car.



### Lock or Unlock the Child-proof Locks

- Open the relevant rear door, insert a small screwdriver into the child lock slot (A).

- Turn the slot to the required position (B).

**Note:** Turn clockwise for right rear door, and turn anti-clockwise for left rear door to enable. Turn back to the vertical position to disable.

With the child-proof locks engaged, the rear doors cannot be opened from inside the car, but can be opened from outside the car.

## Alarm System

Your car is fitted with an electronic antitheft alarm and engine immobilisation system. In order to ensure maximum safety and operation convenience, we strongly recommend that you read this chapter carefully, understand the alarm system and release method fully.

## Engine Immobilisation

Engine immobilisation is an important aspect of the security system, it is designed to safeguard the vehicle from theft, by preventing the engine from being started unless the GENUINE handset is inserted into the docking station.

The engine will be remobilised automatically whenever a genuine handset is inserted into the docking station.

If the handset is not recognised by the engine immobilisation system when it is inserted into the docking station, the engine will be disabled and Engine Disabled will appear in the message centre.

## Locking the Car and Arming the Alarm

### Lock

- 1 Close the doors, bonnet and boot/tailgate.
- 2 Press the lock button once to arm the alarm (protects the doors, bonnet and boot/tailgate).
- 3 The direction indicator lights flash three times to confirm that the car is securely locked and the anti-theft alarm indicator light (in the instrument pack) starts to flash.

### Mislock

If the driver's door is not fully closed when the handset lock button is pressed, the vehicle horn will sound once, indicating a mislock. In this case, none of the doors will lock, the alarm system will not be armed and the direction indicator lights will not flash.

If a passenger door, bonnet or the boot/tailgate is not fully closed when the handset lock button is pressed, the vehicle horn will sound once, indicating a mislock.

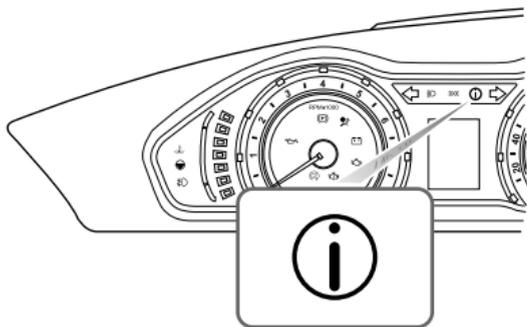
## STARTING AND DRIVING

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However, the 'partial arming' attributes of the security system will enable as much of the system to be armed as possible (all fully closed doors, bonnet or boot/tailgate apertures will be protected, but an open door will not!). The alarm indicator will flash.

As soon as the open aperture is closed, the system will automatically revert to an armed state.

### Anti-theft Alarm Indicator



The alarm indicator is displayed as a red exclamation mark in a circle. This provides information about the status of the alarm system, see below:

- When the alarm is armed:

The light flashes as a deterrent until the alarm is disarmed.

- When the alarm is partially armed: (mislock)

If the mislock was caused by the driver's door the alarm indicator will not flash. If the mislock was caused by another door, the light will flash.

### If the Alarm Sounds

If the alarm is triggered, the vehicle sounder will sound for 10 cycles before switching off, each cycle lasts for 30 seconds. To silence the alarm, press the unlock button on the handset. Open the door next time, Alarm Triggered will appear in the message centre.

### Unlocking

- Press the unlock button once. This will disarm the alarm and unlock the driver's door only.

- Press the unlock button twice to disarm the alarm and unlock all the doors and the boot lid/tailgate. In either case, the direction indicator lights flash once and the interior lights illuminate.
- This feature can be enabled or disabled through the message centre, see 'Instruments and Controls', 'Security'. If Single point locking is disabled, the alarm will disarm and all doors will unlock with a single press of the unlock button.

**Note:** *If the vehicle is unlocked but a door is not opened within 30 seconds, the vehicle will automatically re-lock.*

### Find My Car \*

If this function is enabled, unlocking with the handset will switch on the selected lights according to the driver's configured requirements. See Find My Car in the Instruments and Controls chapter.

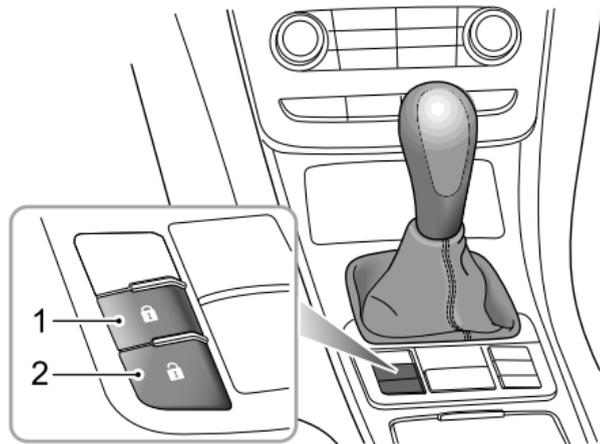
### Global Window Open and Close

Press the unlock button on the handset for more than 2 seconds to open all the closed windows.

Press the lock button on the handset for more than 2 seconds to close all the open windows.

When the windows are in operation, press any other handset button and the windows will stop.

### Interior Lock Switch



## STARTING AND DRIVING

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When the alarm system is disarmed, Press the interior locking switch (1) to lock, and press the interior unlocking switch (2) to unlock.

**Note:** *The interior locking/unlocking switch will not work if the alarm system is armed, in this case the alarm will sound.*

**Note:** *In an emergency, press and hold the interior locking switch for more than two seconds, the alarm will sound and all the doors will lock. Press and hold unlocking switch to silence the alarm. The doors will unlock when the switch is released.*

### Interior Door Handles

Use the door handles to open the door:

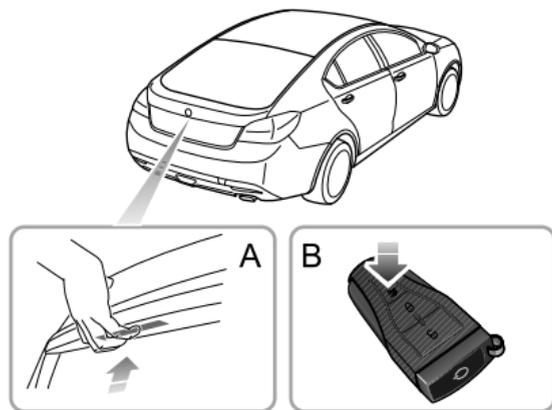
- 1 First operation of the door handle unlocks the door.
- 2 Second operation of the door handle opens the door.

### Speed Related Locking

This feature locks all the doors automatically when the road speed exceeds 3 MPH (5 km/h). This feature is selectable, see 'Instruments and Controls', 'Security'.

All doors are automatically unlocked when the handset is removed from the docking station

### Tailgate



Press and hold the unlock button (B) for more than 2 seconds to open the tailgate. Meanwhile, the interior tailgate lights illuminate.

When the car is fully unlocked, the tailgate can be opened by pressing the release button (A).

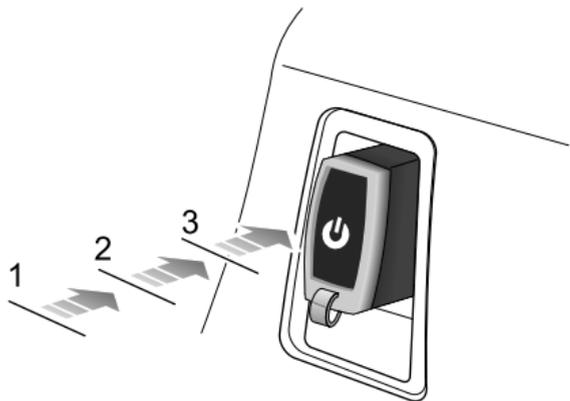
# STARTING AND DRIVING

## Starting and Driving

### Docking Station



**DO NOT** remove or touch the handset while the car is in motion.



The docking station is located at the instrument panel, left of the steering column and uses the following sequence to initiate the ignition and start the engine.

#### Position I (1) (insert handset)

- The key can be inserted or removed.
- Steering unlocked - in some case gentle turning of the steering wheel may be required.
- Individual electrical equipment and accessories can now be operated, e.g. electric windows, electric mirrors etc.

#### Position II (2)

- All instruments, warning lights and electrical circuits are operational.

#### Position III (3)

- Start engine. When the engine is starting, some electrical equipment will be isolated during cranking.

**Note:** Before starting the engine ensure that the gear lever is in the neutral position and the clutch pedal is pressed.

**Note:** Release the handset immediately when engine starts.

The message 'Fully Press Clutch' will appear in the Message Centre, when attempting to start the engine when the clutch pedal is not pressed.

In the case of a fault with the clutch pedal switch, the brake pedal must be pressed instead and a warning is given. The message 'Press Brake Pedal' will appear in the Message Centre. Follow the instruction and the car should start.

## Handset removed

- Steering is locked.
- Sidelights and hazard warning lights will operate.

**Note:** *To remove the handset when the engine is running, first press to position 3 to stop the engine, then pull the handset to turn the ignition off and remove the handset from the docking station.*

### IMPORTANT

Do not pull the handset out directly from the docking station; this will damage the ignition switch and cause the engine to be disabled.

## Starting the Engine



**NEVER start or leave the engine running in an unventilated building - exhaust gases are poisonous and contain carbon monoxide, which can cause unconsciousness and may even be fatal.**



**Diesel particulate filters can be damaged if the wrong fuel is used, or if an engine misfire occurs. Before starting the engine, you should be aware of the precautions detailed under the section 'Diesel Particulate Filters'.**

## Starting the Engine

- 1 Switch off all unnecessary electrical equipment (including the air conditioning) .
- 2 Check that parking brake is fully applied (see 'Brake System' in this chapter) .
- 3 Ensure neutral is selected and the clutch pedal is fully pressed.

# STARTING AND DRIVING

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- 4 Insert the handset into the docking station and press it to Position III, then release the handset as soon as the engine has started.

**Note:** *Continued use of the starter will not only discharge the battery, but may damage the starter motor, starter ring gear or diesel particulate filter.*

DO NOT press the accelerator pedal while starting and DO NOT operate the starter for more than 15 seconds at a time. If the engine fails to start, remove the handset and wait at least 10 seconds before trying again.

If the handset is not recognised by the engine immobilisation system when it is inserted into the docking station, the engine will be disabled, and 'Engine Disabled' with an warning icon will appear in the message centre (see Message Centre in Instruments and Controls chapter).

## Cold Climates

In temperatures of -10°C and below, engine cranking times will increase. It is essential that all unnecessary electrical equipment is switched off while cranking.

## Driving

In the interest of fuel economy, it is advisable to drive the vehicle as soon as possible after starting. Remember that harsh acceleration, or labouring the engine before the normal operational temperature has been reached, can damage the engine.

## Stopping the Engine

- 1 After bringing the car to a stop, ALWAYS apply the parking brake and select neutral.
- 2 To apply the parking brake, pull the EPB switch upwards until the indicator in the EPB switch illuminates, the EPB warning lamp in the instrument pack will also illuminate.
- 3 Press the handset to Position III and release, this will stop the engine. Pull the handset out of the dock to switch off the ignition.

After strenuous towing or driving at high speed (particularly in hot weather), it is suggested to allow the engine to idle for a few minutes before switching off, which

enables the cooling system to work continuously to lower the engine temperature.

# STARTING AND DRIVING

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## Economical and Environmental Driving

### Running-in

The engine, transmission, brakes and tyres need time to 'bed-in' and adjust to the demands of everyday motoring. During the first 900 miles (1,500 km), it is essential that you drive with consideration for the running-in process and heed the following advice:

- Do not allow the engine to exceed 3000 rpm in any gear or the vehicle speed to exceed 72 MPH (120 km/h).
- Do not operate at full throttle or allow the engine to labour in any gear.
- Do not drive at a constant speed (either high speed or low speed).
- Avoid heavy braking where possible.

After 900 miles (1,500 km), engine speeds can be gradually increased.

### Environment Protection

Your car has been designed with the latest technology in order to minimise the environmental impact of exhaust emissions.

## Driving Style

The way in which you drive your car has a significant bearing on environmental pollution, as well as affecting the amount of fuel you use.

### Avoid full throttle acceleration

Steady, rather than rapid, acceleration uses considerably less fuel, reduces exhaust pollutants and also minimises the wear to mechanical components.

### Avoid driving at maximum speed

Fuel consumption, exhaust emissions and noise levels all increase significantly at high speeds.

### Do not drive in a low gear for longer than necessary

Driving in lower gears uses more fuel and creates more noise. Change up to a higher gear as soon as possible, provided it does NOT cause the engine to labour.

### Drive smoothly

Anticipating obstructions and slowing down well in advance, avoids the need for unnecessary acceleration and harsh braking. A smooth driving style not only reduces fuel consumption, but can reduce the emission of noxious gases.

### Driving in rain



***Emergency braking, accelerating and steering on slippery roads will reduce the vehicle's handling performance and grip.***

When raining the windows may fog, reducing visibility (Use the Air-conditioning demist function).

Grip will be reduced, so please drive carefully.

Reduce speed when it rains.

Avoid aquaplaning (the effect of a film of water between the tyres and the road) affecting steering and braking performance.

Your MG6 is equipped with Brake Disc Wiping, activated by the wipers or rain sensor (where fitted). This will help

to keep the brake pads and discs clear of water and help restore brake performance.

Avoid driving through floods after heavy rain, which may lead to serious damage to the vehicle.

### How to save fuel and extend the life of the vehicle

The following are some suggestions on saving fuel and extending the life of the vehicles.

- Maintain the correct tyre pressure; insufficient air pressure will accelerate tyre wear and waste fuel.
- Do not carry unnecessary weight. Heavy loads will increase the engine load resulting in higher fuel consumption.
- Avoid engine idling for extended periods.
- Maintain slow and smooth acceleration and avoid harsh acceleration; change to a higher gear as soon as possible.
- Avoid labouring the engine or over running. Choose appropriate gears according to the road conditions.
- Avoid continuous acceleration or deceleration. A stop-go driving style will consume more fuel.

## STARTING AND DRIVING

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- Avoid unnecessary stopping and braking, maintain steady speed and attempt to anticipate traffic lights. Keep an appropriate distance from other vehicles to avoid emergency braking and reduce brake pad wear.
- Avoid traffic congestion and jam areas as much as possible.
- Do not ride the brake pedal, this can cause premature wear, overheating and increased fuel consumption.
- Maintain an appropriate speed on the highway. Higher speeds use more fuel. Appropriate speed can save fuel.
- Maintain the correct wheel alignment. Avoid collision with the kerb and reduce speed on un-made roads. Out of specification wheel alignment not only will lead to excessive tyre wear, but also increases the engine load and fuel consumption.
- Avoid driving on mud or beaches. This will prevent corrosion of the vehicle underside.
- Maintain the vehicle in accordance with MG recommendations. Dirty air filters, oil etc., will reduce the engine's performance and raise fuel consumption. To extend the life of all components and reduce operating costs, regular MG Approved maintenance is needed.
- Do not stop the engine straight after high speed or long ascents or towing a trailer. Allow the engine to idle for 20 to 100 seconds depending upon driving loads and conditions. Avoid hard acceleration on a cold engine.

### **Maintenance**

#### **Have the vehicle regularly serviced**

Regularly servicing will ensure optimum fuel consumption and minimise exhaust pollutants, as well as effectively extending the service life of the car.

#### **Check tyre pressures regularly**

Under-inflated tyres increase the rolling resistance of the car which, in turn, increases fuel consumption. Over or under-inflated tyres wear out more rapidly and also have a detrimental effect on the car's handling characteristics.

#### **Do not carry unnecessary loads**

The additional weight of unnecessary loads wastes fuel, especially in stop/start conditions where the car is frequently required to set off from stationary.

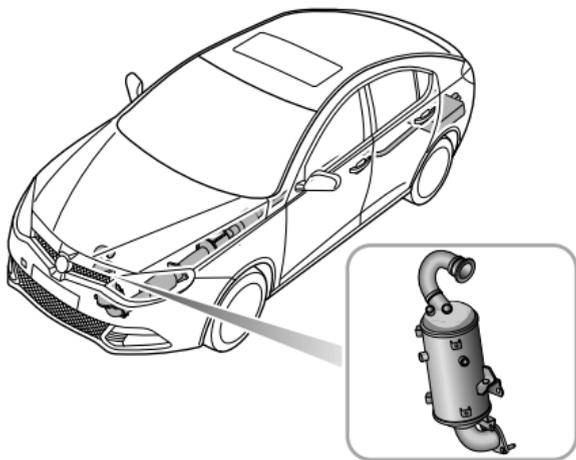
# STARTING AND DRIVING

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## Diesel Particulate Filter



*Exhaust temperatures can be extremely high, do not park on ground where combustible materials such as dry grass or leaves could come into contact with the exhaust system - in dry weather a fire could result.*



The exhaust system incorporates a diesel particulate filter, this converts poisonous exhaust emissions from the engine into less harmful gases.

Diesel particulate filters are easily damaged through improper use, especially if the wrong fuel is used.

Please observe the following precautions to minimise the chance of accidental damage.

### Fuel

- Use **ONLY** fuel recommended for your car.
- Never allow the car to run out of fuel - this could cause serious damage to the fuel system on diesel models.

### Starting

When driving, you should pay attention to the following points:

- Do not continue to operate the starter after a few failed attempts, seek MG Authorised Repairer.
- Do not operate the starter if an engine misfire is suspected and do not attempt to clear a misfire by pressing the accelerator pedal.

- Do not attempt to push or tow start the car.

### Driving

When driving, you should pay attention to the following points:

- Do not overload or excessively 'rev' the engine.
- Do not stop the engine when the car is in motion with a gear selected.
- Seek MG Authorised Repairer if you think your car oil consumption is abnormal.
- If a misfire is suspected, or the car lacks power while driving, provided the engine has reached its normal operating temperature, it may be driven SLOWLY (at risk of DPF damage) to an MG Authorised Repairer or suitably equipped servicing garage.
- Do not drive on terrain likely to subject the underside of the car to heavy impacts.
- Allow engine to idle for 10 seconds prior to switching off.

**Note: Any engine misfire, loss of engine performance or engine run-on, could seriously damage the DPF. Regular maintenance must be carried out**

*in accordance with the schedule specified in the 'Warranty and Maintenance Manual'.*

# STARTING AND DRIVING

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## Fuel System

### Fuel Requirements

Diesel fuel specification: Diesel to EN 590.

- Minimum Cetane Rating is 49;
- Maximum Biofuel Content is 7.5%.

### Safety on the Forecourt

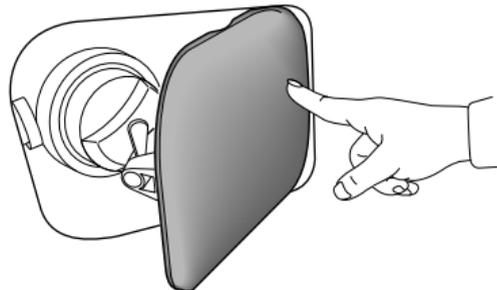


***Vehicle fuel gases are highly flammable and, in confined spaces, are also extremely explosive.***

Always take care when refuelling:

- Switch off the engine.
- Do not smoke or use a naked flame.
- Do not use a mobile phone.
- Avoid spilling fuel.
- Do not overfill the tank.

## Fuel Filler



### Fuel Filler Flap

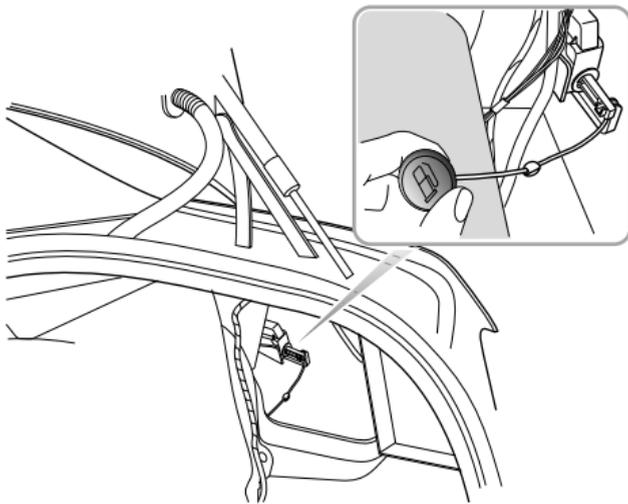
The fuel filler flap is located on the rear right-hand wing and is linked to the central door locking system. With the car unlocked, push on the right-hand side of the flap to open.

**Note:** *The fuel flap is locked only when the car is locked using the handset.*

### Fuel Filler Cap

Unscrew the filler cap anti-clockwise and allow any pressure inside the tank to escape, before removing the cap.

### Emergency Fuel Filler Release



If, for any reason, the fuel filler flap automatic unlocking mechanism fails, the flap can be released manually by pulling the emergency release cord in the loadspace area.

Remove the right hand side lining of the boot to see the fuel filler release cable (see illustration).

### Fuel Filling



**DO NOT fully fill the tank if the vehicle is to be parked in direct sunlight, or high ambient temperature - expansion of the fuel could cause spillage.**

The diesel filler tube is designed to accept a wider diesel nozzle. Be careful not to mis-fuel, see label on filler flap.

Low fuel strategy:

- 15 Litres - flashing IPK warning light;
- 8 Litres - continuous IPK warning light;
- 3 Litres - 'limp-home' mode;
- Engine stops;
- Add minimum 5 Litres to restore normal driving.

**Note: Never allow the vehicle to run out of fuel, serious damage will occur.**

## STARTING AND DRIVING

### Re-priming:

In the event of diesel fuel discontinuity (change of filter)

- Manually prime filter until pump goes solid;
- Crank engine for 3 seconds;
- Pump again until solid;
- Crank until engine fires (3 seconds maximum).

### Water-in fuel sensor:

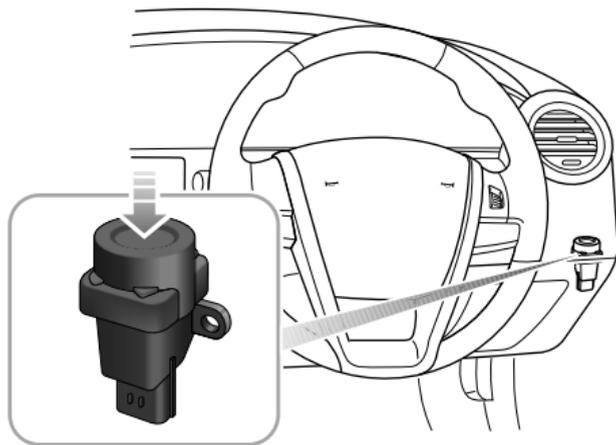
In the event of the water-in-fuel warning light illuminating on the instrument pack proceed to the nearest garage for water to be drained from the filter. Note that water/diesel emulsion should not be discharged to ground.

After refuelling, if the engine runs unevenly, switch off and seek an MG Authorised Repairer before attempting to restart the engine.

### Inertia Switch



**ALWAYS check for fuel leaks before resetting the inertia switch.**



In the event of a collision or sudden impact, the inertia switch automatically cuts off the fuel supply to the engine, unlocks the doors and turns the interior lights on. In

addition, the hazard warning lights flash. An Inertia Switch Tripped message will appear in the message centre.

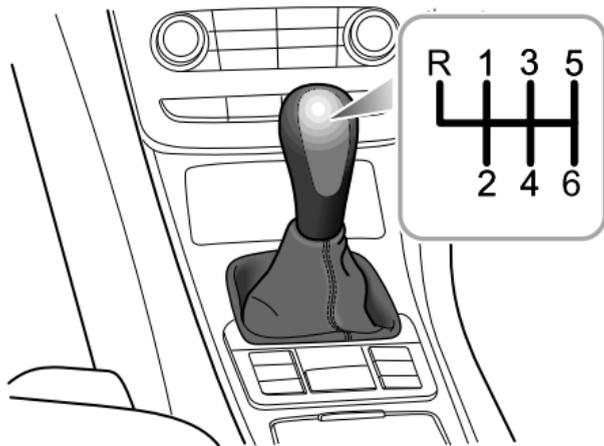
The inertia switch is located behind the drivers storage box, and can be reached by fully lowering the stowage box.

The switch must be reset before the engine can be started. Reset the switch by pressing the top of the switch (arrowed in illustration).

# STARTING AND DRIVING

## 6-Speed Manual Transmission

### Gear Lever



The gear positions are indicated on the gear lever knob.

Synchromesh is provided on all gears (including reverse). In the neutral position, the gear lever is spring loaded to rest naturally in the centre of the gate between 3rd and 4th gears.

### Precautions When Driving:

- 1 When switching between forward gear and reverse gear, you must ensure that the vehicle is completely in stationary, wait for a moment and then fully depress the clutch pedal, push the shift lever into neutral position, press the lever down and push it leftward, then push it forward into the reverse position, slowly release the clutch pedal to complete the gear shift.
- 2 Do not rest your hand on the gear lever while driving - pressure from your hand may cause premature wear to the gear selector mechanism.
- 3 Do not rest your foot on the clutch pedal when driving - excessive wear to the clutch will result.
- 4 Do not hold the car stationary on a hill by slipping the clutch. This will wear out the clutch. Always use the parking brake.

## Brake System

### Foot Brake

For added safety, the hydraulic braking system operates through dual circuits. If one circuit should fail, the other will continue to function, but greater pedal pressure will be needed, and increased brake pedal travel, and longer stopping distances will be experienced. In the event of a brake failure where only one circuit is operational, the car should be brought to a halt as soon as traffic conditions safely allow. DO NOT continue driving - seek MG Authorised Repairer.

### Servo Assistance

The braking system is servo assisted, always be aware of the following:

- Never allow the car to freewheel with the engine turned off.
- Always take particular care when being towed with the engine turned off.
- If the engine should stop for any reason while driving, bring the car to a halt as quickly as traffic conditions

safely allow, and do not pump the brake pedal as the braking system will lose any remaining servo assistance.

- Once the engine has stopped it will lose any remaining servo assistance, use suitable force to apply the brake pedal to stop the car safely in the current traffic conditions. Contact an MG Authorised Repairer.
- Efficiency of the brake servo booster can be affected by numerous conditions, such as engine speed loss. These conditions could result in extra force required to operate the brake pedal to stop the car.

### Wet Conditions

Driving through water or heavy rain may adversely affect braking efficiency. The SCS (Stability Control System) includes a Brake Disc Wiping function which is activated when the windscreen wipers are used. However, always keep a safe distance from other vehicles and intermittently apply the brake pedal in conditions where the wipers are not used.

### Electronic Brake Force Distribution (EBD)

Your car is equipped with Electronic Brake Force Distribution, which, in order to maintain braking efficiency,

## STARTING AND DRIVING

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distributes braking forces between front and rear wheels, under all load conditions.

The EBD system is linked to the brake system warning light on the instrument pack. If this light illuminates while driving, or remains illuminated after the ignition is turned on and release parking brake, there is a fault with the braking system, and EBD may not be available. If this occurs, stop the car as soon as safety permits and seek an MG Authorised Repairer immediately. DO NOT drive the car with the brake system warning light illuminated.

### Electronic Brake Assist (EBA)

Your car is equipped with Electronic Brake Assist, which reacts to the speed at which the brake pedal is applied. If, in an emergency situation the brakes are applied faster than the limits set within the system, then full ABS application is applied to bring the car to a stop in the shortest possible distance.

### Hill Hold Control (HHC) \*



***HHC has limitations when subject to adverse conditions such as wet or icy surfaces and slopes in excess of 30 degrees.***



***HHC is not a substitute for parking brake application when carrying out a hill start.***



***Do not exit the vehicle with only HHC applied, it may lead to a serious accident when HHC enable.***



***The car may roll if 'pull-away' is not achieved immediately after releasing the brake pedal. Always ensure the brake pedal is pressed or EPB applied until drive is taken up by the clutch.***



***Firm application of the brake pedal when stopping is required by HHC to generate sufficient brake pressure to maintain hold.***

Hill Hold Control is a comfort function. It works on inclines when the car detects it has come to a 'stand still status'. Once the clutch pedal has been pressed down and the brake pedal released, the vehicle will maintain pressure

in the braking system for 2 seconds. After this, the Hill Hold will release.

HHC assists the driver by 'holding' the vehicle during hill starts.

The following conditions must be fulfilled to activate HHC :

- Stop the vehicle on a slope in excess of 4% and for more than 2 seconds.
- SCS is active and fault free.
- EPB is released and fault free.
- Clutch pedal is pressed.
- Ignition is ON.
- Sufficient brake pedal application force has been applied.

If the driver releases the brake pedal on a hill, HHC will maintain brake pressure for 1 - 2 seconds, after this period the vehicle may roll.

HHC cannot overcome physical limitations. DO NOT solely rely on HHC.

**Note: HHC is available in both forward and backward directions.**

### Anti-lock Brake System (ABS)



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

The purpose of the anti-lock braking system (ABS) is to prevent the wheels from locking while braking, thereby enabling the driver to retain steering control of the car.

The fact that a car is fitted with ABS must never tempt the driver into taking risks that could affect his/her safety or that of other road users. In all cases, it remains the driver's responsibility to drive within normal safety margins, having due consideration for prevailing weather and traffic conditions.

Under normal braking conditions, (where sufficient road surface friction exists to reliably bring the car to a halt without the wheels locking), ABS will not be activated.

## STARTING AND DRIVING

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However, should the braking force exceed the available adhesion between the tyres and the road surface causing the wheels to lock (on slippery roads, for example), then ABS will automatically come into operation.

This will be recognisable by a rapid pulsation felt through the brake pedal.

### Braking in an Emergency



***DO NOT pump the brake pedal at any time; this will interrupt operation of the ABS and may increase braking distance.***

If an emergency situation occurs, the driver should apply full braking effort even when the road surface is slippery. The anti-lock braking system will constantly monitor the rotational speed of the wheels and vary braking pressure to each wheel according to the amount of traction available. This will ensure that the wheels do not lock and that the car is brought to a halt in the shortest possible distance for the prevailing road surface conditions.

***Note: On soft surfaces such as powdery snow, sand or gravel, the braking distance required by the anti-lock braking system may be greater than for non-ABS braking, even though improved steering would be experienced. This is because the natural action of locked wheels on soft surfaces is to build up a wedge of surface material in front which assists the car to stop.***

No matter how hard you brake, you should be able to continue steering the vehicle as NORMAL.

### **ABS Warning Light.**

See 'ABS Warning Light'.

**Note:** *The normal (non-ABS) braking system remains fully operational and is not affected by partial or full loss of the ABS. However, braking distances may increase.*

### **Electric Park Brake (EPB)**

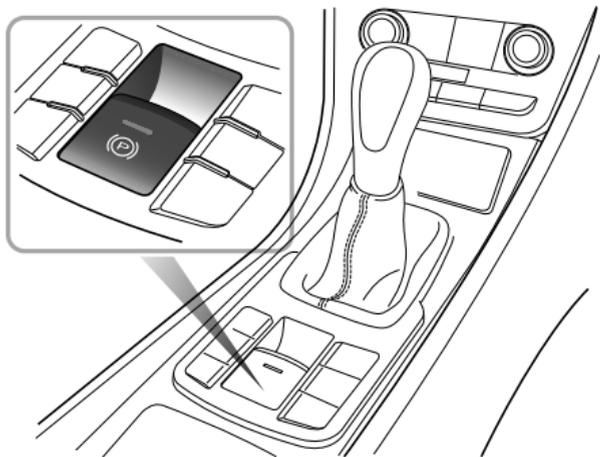


*In the event of EPB malfunction where the EPB release is not possible, DO NOT tow vehicle with all four, or rear wheels in contact with the road surface. Damage may occur.*



*In the event of a discharged battery, start the engine prior to attempting to release the EPB. Failure to do this may result in damage to the EPB system.*

## STARTING AND DRIVING



### Applying the EPB

While the vehicle is stationary, the EPB can be applied. Ensure the EPB is applied every time the vehicle is left or parked.

- Pull the EPB switch upward until the indicator in the EPB switch illuminates.
- Simultaneously, the EPB indicator (P) will illuminate in the instrument pack. When the indicator in the EPB

switch and the EPB indicator (P) are illuminated, it indicates that the EPB is applied.

- If the EPB failure warning lamp (R) in the instrument pack illuminates, it indicates that a fault has been detected. Please contact an MG Authorised Repairer immediately.

**Note:** An audible motor noise may be heard when applying or releasing the EPB.

**Note:** If the EPB is not used for a long period, the system may perform an automatic inspection operation that will emit an audible motor noise when applied.

#### Caution

The EPB cannot be operated during the low battery voltage condition.

### Releasing the EPB

- Place the ignition switch in position II, depress the brake pedal, and press the EPB switch.

- If the indicator in the EPB switch and the indicator (P) in the instrument pack are extinguished, the EPB is released.

### Start Assist

The EPB can predict the driver's intention and automatically release the EPB.

If the driver's seat belt is fastened, clutch pedal fully pressed, forward or reverse gear selected and the clutch pedal lifted whilst pressing the accelerator, the EPB will automatically release.

### Emergency Braking



***Inappropriate use of the electric park brake can lead to accidents and injuries. Do not apply the electric park brake for vehicle braking, unless in emergency.***



***During emergency braking using the EPB, DO NOT insert or remove the ignition key, this could result in serious injury.***

In the event of normal brake failure, emergency braking using the EPB can be initiated by pulling and holding the EPB switch upward.

If the SCS can respond actively to the request from the EPB, at speeds in excess of a predetermined limit the SCS will activate and apply all 4 brakes. At speeds below the predetermined limit the EPB will only activate the rear brakes. If the SCS is unable to respond to the request from the EPB, then the EPB will only activate the rear brakes.

During emergency braking using EPB, a continual audible warning will sound. To cancel the emergency braking process, release the EPB switch or press the accelerator.

# STARTING AND DRIVING

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## Stability Control System and Traction Control System

### Stability Control System (SCS)

SCS is designed to assist the driver in control of driving direction. The SCS is automatically activated after the engine is started.

When SCS detects that the vehicle is not moving in the intended direction, it will intervene by applying brake force to selected wheels or through the engine management system to prevent sliding and assist in bringing the car back to the right direction.

### Traction Control System (TCS)

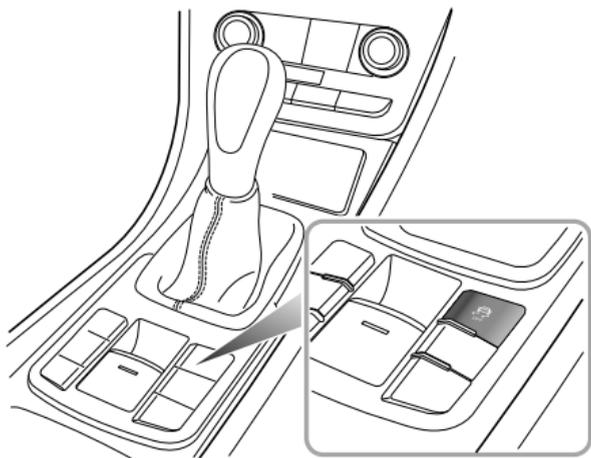
The purpose of electronic traction control is to aid traction, thereby helping the driver to maintain control of the car in situations where one or both of the driving wheels are spinning (for example, if one wheel is on ice and the other on tarmac).

The traction control system monitors the driving speed of each wheel individually. If spin is detected on one wheel, the system automatically brakes that wheel, transferring

torque to the opposite, non-spinning wheel. If both wheels are spinning, the system will reduce engine speed in order to regulate wheel rotation until traction is regained.

**Note:** *The individual wheel braking feature of the traction control system will not operate at road speeds above 62 MPH (100 km/h). The engine torque reduction feature continues to function up to the car's maximum speed.*

### Switching On and Off



SCS and TCS are automatically on standby after engine start.

- Briefly press the SCS switch (less than 2 seconds). TCS is disabled, and the traction control indicator will illuminate. The Traction Control System Off and the TCS icon will appear in the message centre.

- Press the SCS switch (more than 2 seconds). TCS and SCS are both disabled. The traction control System indicator will illuminate and Traction Control Off and the TCS icon will appear in the message centre, followed by the message Stability Control System Off and the SCS icons displayed.

**Note:** Activation of the SCS/TCS switch in excess of 10 seconds will be regarded as a mis-operation.

- Briefly press the SCS switch (less than 2 seconds) again, SCS and TCS will resume, and warning lamps extinguish.

**Note:** Disabling SCS and TCS will not affect the operation of ABS. Always disable TC when driving with snow chains fitted.

### SCS/TCS Warning Light

For information on warning light operation, refer to 'Warning Lights and Indicators' in 'Instruments and Controls'.

# STARTING AND DRIVING

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## Tyre Pressure Monitoring System (TPMS)



*The TPMS is not a substitute for checking tyre condition and pressures.*

**Note:** *The TPMS warns of low tyre pressures, it does not re-inflate the tyres.*

### System Operation



The system is controlled by the SCS system, which constantly monitors the speed of each wheel. If, during normal driving conditions with the brakes not applied, the SCS detects that one wheel is rotating faster than the others, it deduces that the pressure of that tyre has fallen below the predefined limit of the system.

As a result, the warning light on the instrument pack will illuminate (always yellow).

Check your tyres at the earliest opportunity and reinflate to the correct pressures. Refer to 'Tyre Pressures (Cold)'.

**Note:** *When a puncture is detected, the system will require some time to analyse information prior to illuminating the warning lamp.*

### System Faults

The system is self monitoring, and if a fault is detected, the warning light on the instrument pack will flash for 90 seconds and then illuminate (always yellow).

Under certain conditions the warning light may illuminate when a fault is not present. these conditions include:

- Driving on icy or wet surfaces.
- Front axle slip or excessive lateral acceleration.
- Snow chains fitted.
- A non recommended tyre fitted.
- TPMS not reset after tyre replacement.
- TPMS not reset after tyre pressure adjustment.
- Rough terrain driving for excessive periods.
- Bending or mountain type terrain driving for excessive periods.

- Excessive luggage weight change from when last reset carried out.
- TPMS will not respond immediately if a tyre 'blows out'.

### **Initialising TPMS**

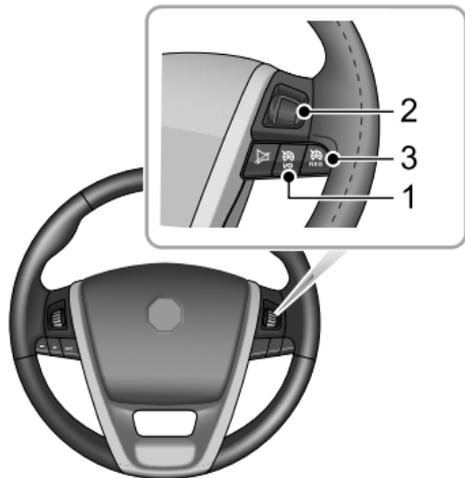
If replacement tyres are fitted or tyre pressures changed, a TPMS reset is required - refer to TPMS reset in Instruments and Controls.

**Note:** *Inflate tyres to recommended pressures and check prior to reset.*

**Note:** *Always carry out a TPMS reset after tyre pressure adjustment. The TPMS carries out a self learning process after a reset and therefore may not react immediately after a reset.*

# STARTING AND DRIVING

## Cruise Control \*



- 1 Master switch
- 2 Thumb wheel
- 3 Resume (RES) switch

Cruise control enables the driver to maintain a constant road speed without using the accelerator pedal. This is particularly useful for motorway cruising, or for any

journey where a constant speed can be maintained for a lengthy period.

The following precautions must be observed when using cruise control :

- DO NOT attempt to use cruise control when using reverse gear.
- DO NOT use cruise control on winding or slippery road surfaces, in the rain, or in traffic conditions where a constant speed cannot easily be maintained.
- ALWAYS switch off the master switch when you no longer intend to use cruise control.

### To Operate Cruise Control

The cruise control system has three switches; two push switches (master switch and resume switch) and a thumb wheel set switch. All switches are mounted on the right hand side of the steering wheel.

- 1 Press the master switch (1), the warning light in the instrument pack will illuminate.
- 2 Accelerate until the desired cruising speed is reached (this must be above the systems minimum operating speed of 25MPH).

- 3 Press the thumb wheel (2) to set the road speed in the system memory. Cruise control will now maintain that speed without the need to use the accelerator pedal.

**Note: The set speed held in the cruise control memory will be cancelled when either the cruise control master switch is pressed or the ignition handset removed.**

With cruise control operating, speed can be increased by normal use of the accelerator e.g. for overtaking. When the accelerator is released, road speed will return to the selected cruising speed.

Cruise control will be disengaged when the brake pedal is pressed or a different gear is selected. To return to your previous set speed, press the RES switch (3).

**Note: Do not operate switches simultaneously or for long periods, this may result in cruise control failure. To reset the system cycle the ignition off and on.**

### To Change the Set Cruising Speed

Rotate the thumb wheel upwards - the car will accelerate automatically. Release the switch as soon as the desired speed has been reached.

Rotate the thumb wheel downwards - the car will decelerate automatically. Release the switch as soon as the desired speed has been reached.

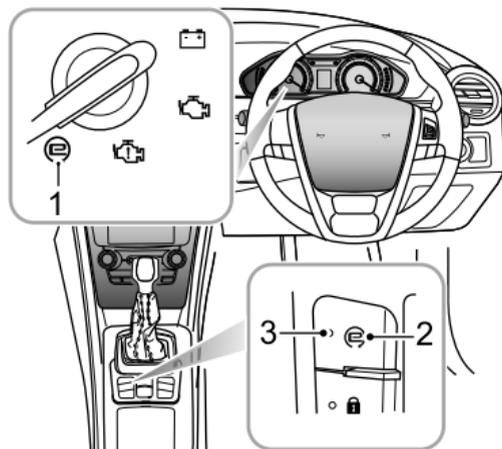
Alternatively, the set speed can be increased or decreased incrementally by pushing and releasing the thumb wheel; up to increase and down to decrease speed. Each operation of the thumb wheel will increase or decrease the speed by approximately 1MPH.

# STARTING AND DRIVING

## Intelligent Stop/Start System



*Extremely low battery power may result in the engine not re-starting automatically, or even using the handset key. In this instance, external power is needed to start the engine or the battery will require re-charging. See the section 'Emergency Starting' in the 'Emergency Information' Chapter.*



- 1 Instrument indication light
- 2 Master switch
- 3 Master switch indication light

Engine Stop/Start has been incorporated into vehicles in an effort to reduce emissions. As the name suggests the system will allow the engine to be switched off when engine

power is not required and then automatically be restarted when it is.



This system defaults “on” at key in, the switch indication light is on (3 shown in fig ), and can be turned off by pressing the main switch (2 in the fig- the green “e” symbol shown above). The Message Centre will show "Stop/Start System OFF".

### Starting the Engine (Initial Start)

- See Section 5, Starting and Driving, but wait for the glow plug lamp to extinguish in the instrument pack.

**Note:** *All vehicle functions will work as normal regardless of the engine running or not.*

### Engine Auto Stop Conditions (Under Stop Start Control, warning lamp on, figure 1 in illustration)

- Vehicle is stationary, i.e. speed = 0MPH or km/h.

- Gearbox must be in Neutral.
- The clutch pedal is released.
- The driver’s door is closed and seat belt is secured.
- The bonnet is closed.

### Engine Restart (From Stop/Start Control)

The engine can be restarted by:

- Switching off the system by way of the Stop/Start On/Off Switch (See 2 on previous page).
- Pressing the clutch pedal.
- Tapping or pressing the accelerator pedal.
- Operating the steering wheel.
- Changing your heater and air-conditioning settings.

The engine will also be started automatically if:

- The brake pedal is pressed repeatedly.
- The battery condition is reduced.
- The vehicle starts to roll.
- The air-conditioning has been operated (under certain conditions).

**Note:** *In AUTO mode - if the in-car temperature is lower than target temperature, the ATC controller*

# STARTING AND DRIVING

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*shall allow the engine to auto-start without any operation.*

## **Stop/Start Prohibited**

Stop Start will not operate if:

- Front defrost is on.
- Heated seats are on and ambient temperature is below 5°C.
- Cabin temperature versus ambient temperature difference is more than 5°C.
- A/C blower speed increased to speed 3 or above in manual mode.
- Temperature Hi - Hi is selected.
- Temperature Lo - Lo is selected.
- The heater core temperature is less than 60°C.

## **Stop/Start Operation**

Stop Start is controlled or influenced by:

- Stop Start On/Off Switch (See 2 on previous page) remaining On.
- Gear position – i.e. the vehicle must be in Neutral.
- Battery condition.

- Engine temperature.
- The air conditioning system status.
- The driver's door is closed and seat belt is secured.
- The bonnet is closed.
- A vehicle speed of 9MPH (15km/h) has been achieved between stop attempts.
- The gradient upon which the vehicle is sat.
- DPF (Diesel Particulate Filter) regeneration.

### Parking Aid System

#### Ultrasonic Sensor Parking Aid System \*



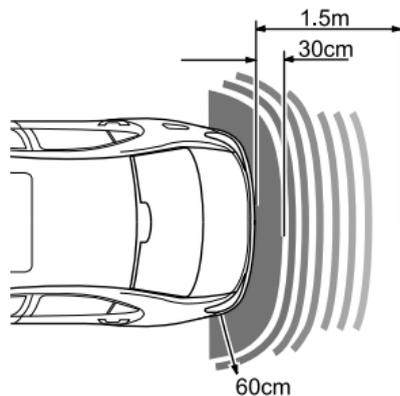
*The purpose of the parking aid is to assist the driver during parking! The sensors may not be able to detect certain types of obstruction, e.g. narrow posts or small objects no more than a few inches wide, small objects close to the ground, objects above the level of the boot and some objects with nonreflective surfaces.*



*Keep the sensors free from dirt, ice and snow. If deposits build up on the surface of the sensors, their performance may be impaired. When washing the car, avoid aiming high pressure water jets directly at the sensors from close range.*

Four ultrasonic sensors, situated in the rear bumper, scan an area behind the car searching for obstructions. If an obstruction is detected, the sensors calculate its distance from the rear of the car and communicate this information

to the driver by sounding warning chimes. It is important to remember that the system is no more than an AID to parking. It is not foolproof in operation, nor is it a substitute for observation and personal judgement.



#### Parking Aid Operation

With the engine running, the parking aid operates automatically whenever reverse gear is selected and is switched off as soon as reverse is disengaged. A short

## STARTING AND DRIVING

'beep' will sound within one second of reverse being selected to confirm that the system is working.

**Note:** *If a longer, higher pitched, sound is emitted, for 3 seconds when reverse gear is selected, this indicates a fault with the system - contact MG Authorised Repairer for assistance.*

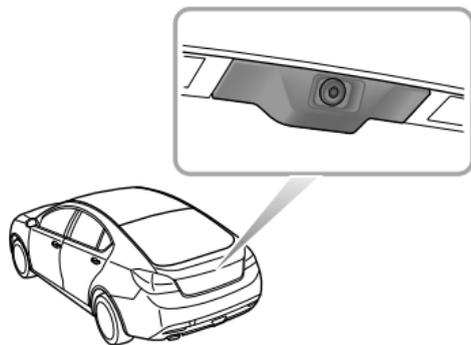
### While Reversing:

- If an obstruction is located within the 1.5 m range of the rear parking aid sensors or 60 cm of the corner sensors, the warning commences. As the car moves closer to the obstruction, the beeps are transmitted more rapidly.
- If an obstruction is located within the 1.2 m range of the front parking aid sensors or 60 cm of the corner sensors, the warning commences chiming. As the car moves closer to the obstruction, the chimes are transmitted more rapidly.
- Once the obstruction is within 30 cm of the rear and front bumper, the chimes merge into a continuous warning tone.

### Rear Parking Camera \*



*The rear camera is for guidance only! The camera range is limited, never rely solely on the view provided by the camera when reversing.*



Some models have a rear parking camera fitted above the rear licence plate. When reverse gear is selected, the camera will display an image of what is immediately behind the car. This image will be shown on the navigation screen.

### Load Carrying



**DO NOT** exceed the *gross vehicle weight* or the *permitted front and rear axle loads*. *Failure may result in vehicle damage or serious injury.*

### Load Space



*Ensure that the rear seat backrests are securely latched in the upright position when loads are carried in the load space behind the seats.*



*If the tailgate can not be closed due to the type of cargo loaded, be sure to close all windows during driving, select the face distribution mode of the air condition, and set the blower to maximum speed, so as to decrease exhaust fumes entering the vehicle.*

When luggage carried in the load space, always ensure heavy items are placed as low and as far forward as possible,

so as to avoid the cargo shift in the event of an accident or sudden stop.

Drive carefully and avoid emergency braking or maneuvers.

Driving with boot/tailgate open is very dangerous. If loading with the tailgate open is unavoidable, the cargo and the tailgate must be well secured, and take appropriate measures to prevent exhaust fumes entering the vehicle.

#### IMPORTANT

Traffic regulations must be observed when loading cargo, if the cargo extrudes the loadspace appropriate warning measures must be taken to warn other road users.

### Internal Loading



**DO NOT** carry *unsecured equipment, tools or luggage that could move, causing personal injury in the event of an accident, or emergency brakes or hard acceleration.*

## **STARTING AND DRIVING**

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Folding the rear seats can increase luggage space, refer to 'Fold the Rear Seat' described in the 'Seats and Restraints' chapter.

When cargo is loaded in the vehicle, place it at a position as low as possible and ensure that it is tightly secured, so as to avoid personal injury caused by cargo movement.

## **Emergency Information**

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*158 Hazard Warning Devices*

*159 Emergency Starting*

*161 Vehicle Recovery*

*165 Tyre Repair*

*169 Fuse Replacement*

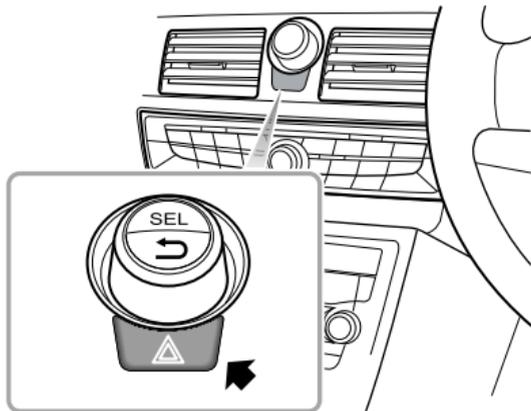
*179 Bulb Replacement*

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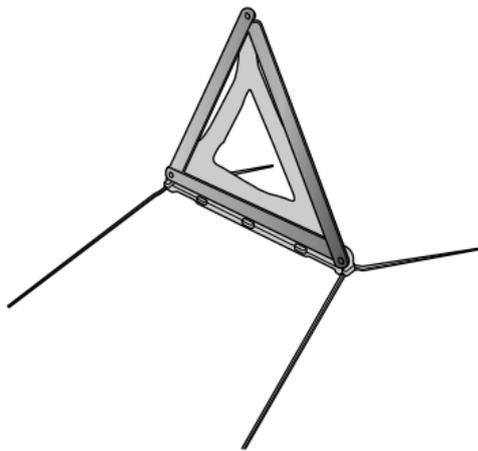
## Hazard Warning Devices

### Hazard Warning Lights



Before you stop or slow the car in an emergency, always press the hazard warning switch. All the direction indicators will flash together to warn other road users when your car is causing an obstruction or is in a hazardous situation. Remember to switch off before driving away.

## Warning Triangle



The warning triangle supplied with your car is stowed in the loadspace.

If you have to stop your car on the road in an emergency, you must place a warning triangle approximately 50 to 150 metres (150 to 500 ft ) behind the car to warn other road users of your position.

### Emergency Starting

#### Using Booster Cables



**NEVER** start the engine by pushing or towing.



Make sure that **BOTH** batteries are of the same voltage (12 volts), and that the booster cables are approved for use with 12 volt car batteries.



Ensure sparks and naked lights are kept well away from the engine compartment.

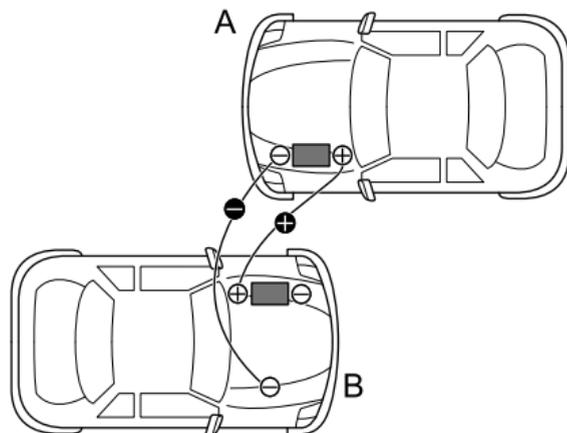
Using booster cables (jump leads) from a donor battery, or a battery fitted to a donor vehicle, is the only approved method of starting a car with a flat battery.

If the battery from a donor vehicle is to be used, the vehicles should be parked with their battery locations adjacent to one another. Ensure that the two vehicles do not touch.

#### Starting the Vehicle



Ensure that each booster cable connection is securely made. There must be no risk of the clips accidentally slipping from the battery terminals (as a result of engine vibration, for example), this could cause sparking, which could lead to fire or explosion.



## EMERGENCY INFORMATION

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Remove the ignition handset and switch off ALL electrical equipment of BOTH vehicles, then follow the instructions below:

- 1 Connect the RED booster cable between the positive ( + ) terminals of both batteries. Connect the BLACK booster cable from the negative ( - ) terminal of the donor battery ( A ) to a good earth point (an engine mounting or other unpainted surface, for example), at least 0.5 m from the battery and well away from fuel and brake lines on the disabled vehicle ( B ) .

IMPORTANT
DO NOT connect a booster cable to the negative (-) terminal of the discharged battery! This may result in damage the electrical components.

- 2 Check that the cables are clear of moving parts of both engines, then start the engine of the donor vehicle and allow it to idle for a few minutes.

- 3 Now start the engine of the vehicle with the discharged battery (DO NOT crank the engine for more than 10 seconds).
- 4 Once both engines are running normally, allow them to idle for two minutes before switching off the engine of the donor vehicle and disconnecting the booster cables. DO NOT switch on any electrical circuits on the previously disabled vehicle until AFTER the booster cables have been removed.
- 5 Disconnecting the booster cables must be an exact reversal of the procedure used to connect them, i.e.disconnect the BLACK cable from the earth point on the disabled vehicle FIRST.

Battery replacement refers to the section 'Battery' in the 'Maintenance' Chapter.

IMPORTANT
NEVER turn on any electrical equipment on the started vehicle before removing the booster cables.

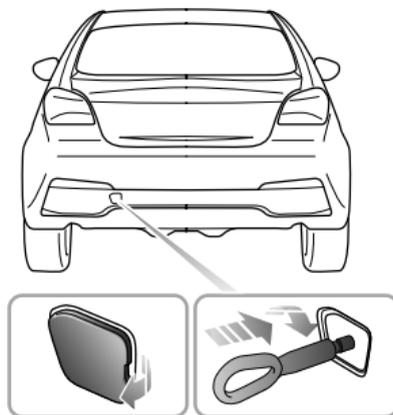
## Vehicle Recovery

### Towing for Recovery

#### Towing Eye



**DO NOT** use a tow rope that is twisted - any untwisting force could unscrew the front towing eye.



## EMERGENCY INFORMATION

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Your car is equipped with a removable towing eye, that can be used at the front or the rear of your vehicle. The towing eye is stored in the tool kit beneath the loadspace floor when not in use.

To fit the towing eye, remove the small cover set into the bumper by pressing firmly on the bottom left corner, then screw the towing eye into its mounting behind the bumper (see illustration). Ensure the towing eye is fully tightened.

**Note:** *The towing eye cover may be secured to the bumper by a plastic cord.*

Both towing points are intended for use by qualified recovery specialists to assist in the recovery of your car when a breakdown or accident occur. They are not designed for towing other vehicles, and must NEVER be used to tow a trailer or caravan.

### Towing for Recovery



**DO NOT remove the ignition handset while the car is being towed on four wheels – as this will prevent the steering wheel from being turned.**

If your car is to be towed, most qualified recovery specialists will use wheel lift equipment to suspend the front wheels, while the rear wheels remain on the ground. Otherwise may cause damage to the transmission.

However, if it is necessary for the car to be towed with all four wheels on the ground, abide by the following procedure:

- 1 Switch the ignition on to position II to enable the brake lights, wipers and direction indicators to be operated if necessary. If, due to an accident or electrical fault, it is considered unsafe to switch the ignition on, the car will need to be recovered on a trailer.
- 2 Place the gear lever in neutral.
- 3 Release the park brake.

## EMERGENCY INFORMATION

Without the engine running, greater effort will be required to operate the brake pedal and turn the steering wheel. Longer stopping distances will also be experienced. Whilst towing for recovery DO NOT exceed 30MPH(50km/h)

### **Towing Weight:**

Max trailer weight (unbraked)	750 kg
Max trailer weight (braked)	1600 kg
Max nose weight (Tow hitch downward load)	100 kg
Gross train weight (maximum weight of vehicle plus trailer)	3740 kg

To increase stability, it is recommended that you adjust the nose weight to the maximum limit, when loading to the maximum trailer weight.

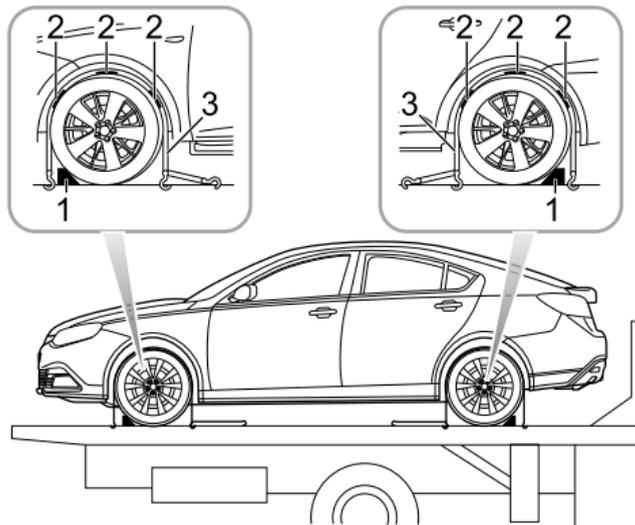
**Note: When towing the maximum gross vehicle weight can be increased by up to 100 kg(221 lbs), provided road speed is limited to a maximum of 62 MPH (100 km/h)**

## EMERGENCY INFORMATION

### Transporter or Trailer with Rope

If your car is to be transported on the back of a trailer or transporter, it must be secured as illustrated:

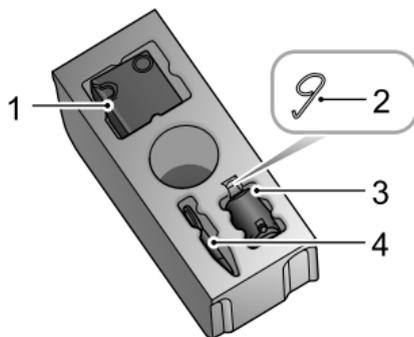
Fit the lashing straps(3)around the wheels and secure to the trailer. Tighten the straps until the car is securely held.



Position the car on the trailer, apply the park brake and place the gear lever in neutral. Fit wheel chocks (1) as shown, then position the anti slip rubber blocks (2) around the circumference of the tyre.

## Tyre Repair

### Tool Identification

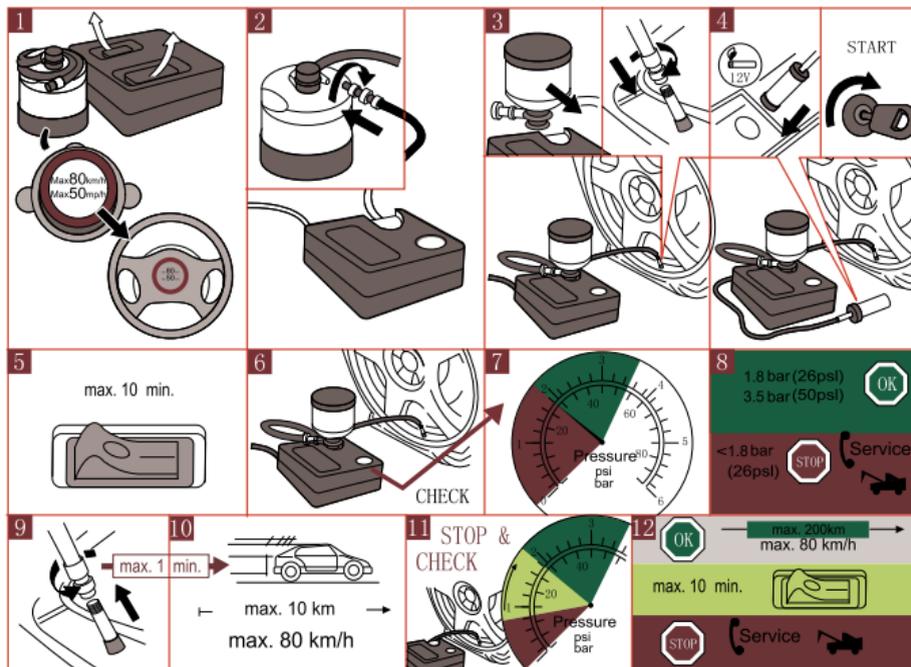


- 1 Electric air compressor
- 2 Wheel bolt cap removal tool.
- 3 Tyre repair sealant
- 4 Towing hook

# EMERGENCY INFORMATION

## Tyre Repair

### Schematic Diagram of Tyre Repair



## EMERGENCY INFORMATION

- 1 Remove the sticker on the Tyre Sealant Bottle and attach it to the steering wheel to remind the driver not to exceed 50 MPH (80 km/h). (Figure 1)
- 2 Connect the air hose of the electric compressor to the tyre sealant bottle. (Figure 2)
- 3 Fit the Tyre Sealant bottle (Upright) into the slot on the compressor. Remove the valve dust cap from the flat tyre and connect the filler hose from the tyre sealant bottle to the tyre valve. (Figure 3)
- 4 Ensure that the power switch of the electric air pump is switched off (i.e., press “O”), then insert the plug from the compressor into the cigarette lighter. (Figure 4)  
**Note: To avoid battery discharge, it is recommended to keep the vehicle engine running.**
- 5 Switch on the power switch of the electric compressor (i.e., press “-”), to start pumping sealant into the tyre. The pressure gauge may briefly reach 6 bar (87 psi), then the pressure begins to drop. (Figure 6, 7)

**Note: The tyre sealant bottle will become empty after approximate 30 seconds.**

- 6 The tyre should reach the specified inflation pressure within 10 minutes. After the correct pressure is reached, switch off the compressor. If the required pressure cannot be reached within 10 minutes, please disconnect the compressor, drive the vehicle 10 metres (33 feet) approx forward or backward to allow the sealant to spread within the tyre. If the required pressure can still not be reached, the tyre is severely damaged and you should seek assistance from the breakdown services. Under no circumstances should you continue your journey with a deflated tyre. Driving a vehicle with a deflated tyre is extremely dangerous. (Figure 8)

**Note: Consecutive operation of the electric air pump for more than 10 minutes may result in damage to the compressor.**

- 7 Remove the tyre sealant bottle from the slot in the compressor, disconnect the hose from the tyre valve,

## EMERGENCY INFORMATION

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remove the compressor plug from the cigarette lighter, return the tyre repair kit to its stowage tray.

- 8 After successfully adding sealant to the tyre, drive immediately for a short time (around one minute) this will allow the sealant to distribute evenly inside the tyre. Continue driving and do not exceed 50 MPH (80 km/h). After a further ten minutes, find a safe place to stop and recheck the tyre pressure. If the tyre pressure has dropped to less than 0.8 bar (11.6 psi), do not continue driving, seek assistance instead. If the pressure is greater than 0.8 bar (11.6 psi) after a 10 minutes drive, continue pumping air into tyre until reaching the specified tyre pressure and then continue driving. If 1.8 bar (26.1 psi) cannot be reached, do not continue drive, seek assistance instead. Do not exceed 50MPH (80KPH).

**Note:** *DO NOT remove foreign objects (eg. screws, nails) from the tyre.*

At the earliest opportunity get the tyre replaced by a dealer or tyre specialist and replace the used tyre sealant bottle with an MG approved sealant. (Figure 11 , 12)

## Fuse Replacement

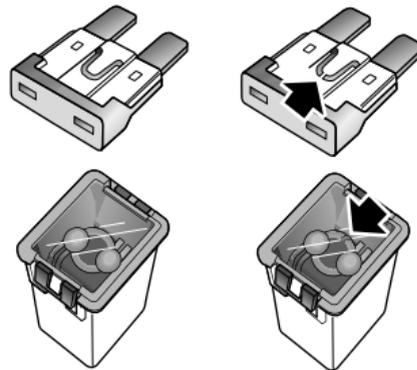
### Fuses

Fuses are simple circuit breakers which protect the car's electrical equipment by preventing the electrical circuits from being overloaded. A blown fuse may indicate the item of electrical equipment it protect stops working.

The location and value of each fuse is shown on the chart attached to the underside of the fuse box covers.

Check a suspect fuse by removing it from the fuse box and looking for a break in the wire inside the fuse.

### Show of Healthy and Blown Fuses



#### IMPORTANT

- Only replace a fuse with one of the same rating.
- If a replaced fuse fails immediately, refer the problem to an MG Authorised Repairer.

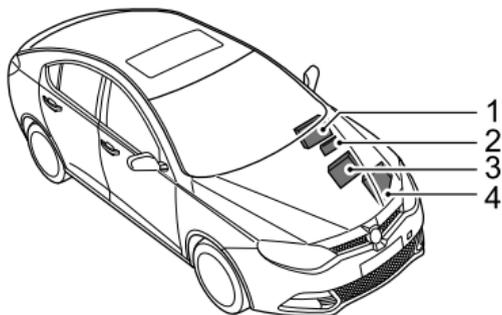
# EMERGENCY INFORMATION

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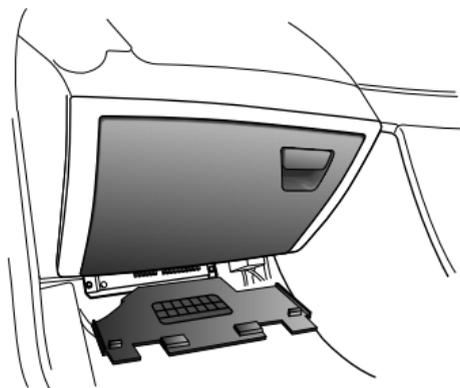
## Fuse Boxes

There are 4 fuse boxes in the vehicle:

- 1 Passenger Compartment Fuse Box (located behind the glove box)
- 2 Auxiliary Fuse Box (located on the left side of the bulkhead in engine compartment)
- 3 Battery Top Fuse Box (located on the battery)
- 4 Engine Compartment Fuse Box (located in the engine compartment)



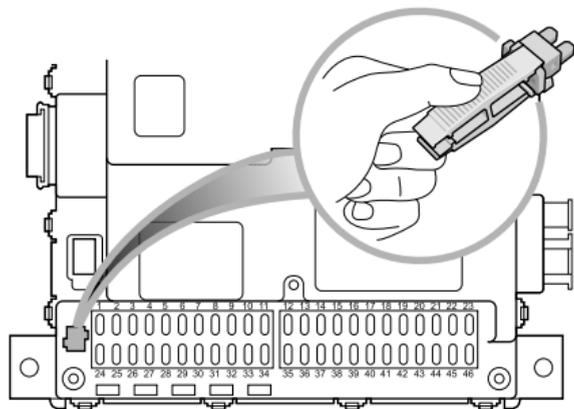
## Passenger Compartment Fuse Box



**Note:** The closing panel below the glove box should be removed to gain access to the fuses.

## EMERGENCY INFORMATION

- For a blown fuse, replace it with a same rating.



### Checking or Renewing Fuses

- Turn off the ignition switch and all electrical equipment. Disconnect the battery negative cable.
- The closing panel below the glove box will need to be removed to gain access to the fuses.
- Press the fuse extraction tool onto the head of the fuse and pull to remove the fuse. A blown fuse can be recognised by a break in the wire.

### Fuse Specification

Code	Rating	Function
F1	15A	Spare
F2	15A	Front Power Socket
F3	10A	Reverse Lamps, Interior Mirror, Camera
F4	15A	Spare
F5	5A	Heated Mirror
F6	10A	Inertia Switch
F7	15A	Rear Accessory Socket
F8	30A	Power Supply - Window Lift Front - LH
F9	5A	Switch - Reverse Lamps, Switch - Master Light, Motor - Headlamp Levelling, AFS System, Passenger Airbag ON/OFF Indicator
F10	20A	Headlamp Main Beams

## EMERGENCY INFORMATION

Code	Rating	Function
F11	-	-
F12	5A	Side Lamp - LH, Tail Lamp - LH, Rear Number Plate Lamps
F13	5A	Switch - EPB
F14	5A	Switch - Steering Wheel Remote
F15	20A	ESCL ECU
F16	30A	Pump - Windscreen Wash
F17	30A	Power Supply - Passenger Seat
F18	15A	Horns
F19	30A	Heated Seat - Front
F20	20A	Headlamp Dipped Beam - RH
F21	30A	Power Supply - Driver Seat
F22	5A	A/C Control Panel, Heated Seat - Front
F23	30A	Power Supply - Window Lift Rear - LH

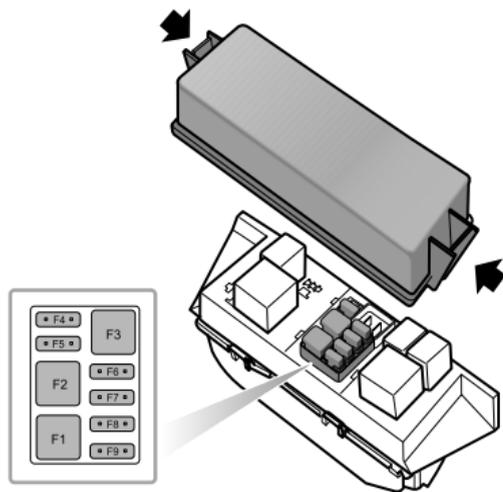
Code	Rating	Function
F24	30A	Power Supply - Window Lift Front - RH
F25	15A	Spare
F26	25A	Heater Rear Window
F27	5A	Switch - Ignition
F28	5A	Spare
F29	15A	Spare
F30	15A	Spare
F31	25A	Passenger Door Locks, Rear Door Locks
F32	20A	Headlamp Dipped Beam - LH
F33	-	-
F34	-	-
F35	10A	Spare
F36	5A	Side Lamp - RH, Tail Lamp - RH

## EMERGENCY INFORMATION

Code	Rating	Function
F37	5A	Diagnostic Socket
F38	5A	Lamp - Glovebox
F39	10A	Driver Door Locks, Motor - Fuel Flap Release, Tailgate Release Motor Relay, Motor - Tailgate Release
F40	15A	Spare
F41	10A	Rear Fog Lamps
F42	10A	Airbag ECU
F43	20A	Spare
F44	5A	Interior Mirror, Rain Sensor, PDC ECU
F45	10A	Multifunction Control Switch, Master Light Switch, Driver Door Switch Pack, Navigation Display Power
F46	30A	Power Supply - Window Lift Rear - RH

# EMERGENCY INFORMATION

## Auxiliary Fuse Box

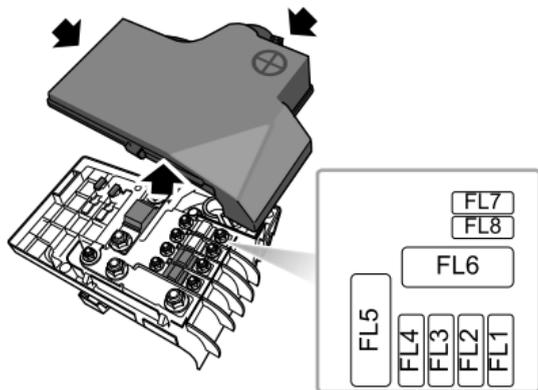


## Fuse Specification

Code	Rating	Function
F1	30A	DC/DC Convertor
F2	30A	Relay - Electric Water Heater I, Electric Water Heater Element I
F3	30A	Headlamp Wash System
F4	20A	Relay - Fuel Heater, Fuel Heater
F5	20A	AFS System
F6	5A	Interior Lamp - Front, Interior Lamp - Rear, Lamp - Vanity Mirrors
F7	15A	Entertainment System
F8	10A	A/C Control Panel, Fresh/Recycle Motor
F9	10A	Instrument Pack

# EMERGENCY INFORMATION

## Battery Top Fuse Box

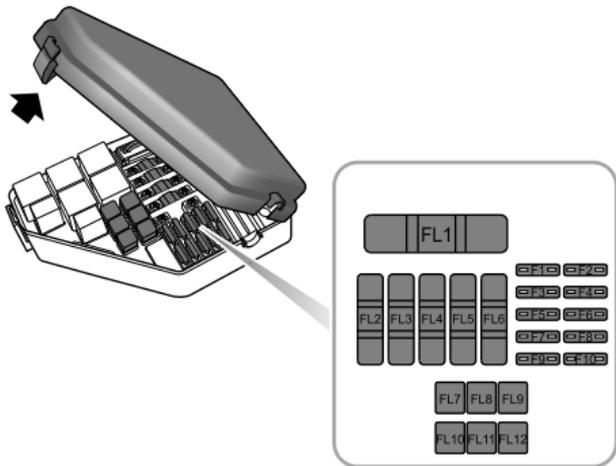


## Fuse Specification

Code	Rating	Function
FL1	30A	EPB ECU
FL2	30A	EPB ECU
FL3	125A	Auxiliary Fuses 1, 2, 3, 4, 5, Relay - Electric Water Heater 2, Electric Water Heater Element 2
FL4	60A	Control Unit Glow Plug
FL5	-	-
FL6	450A	Motor - Starter
FL7	5A	EBS
FL8	30A	Relay - Electric Water Heater 3, Electric Water Heater Element 3

# EMERGENCY INFORMATION

## Engine Compartment Fuse Box



## Fuse Specification

Code	Rating	Function
F1	15A	Sensor - Wide Band, Control Unit - Glow Plug, ECU - Engine, Switch - Clutch Pedal
F2	20A	Power Supply - Fuel Filter, Bypass - EGR Cooling, Actuator - Variable Swirl, Valve - Throttle Actuator, Sensor - Hot Film Airmass, Variable Geometry Turbo Controller
F3	10A	Pump - High Pressure, Valve - Pressure Control
F4	15A	Cooling Fan, Relay - Starter, Relay - Fuel Heater, Master Switch - Start Stop, Relay - Electric Water Heater 1, Relay - Electric Water Heater 3, Switch - Neutral, ECU - Engine
F5	10A	Spare
F6	15A	Day Running Lamps

## EMERGENCY INFORMATION

Code	Rating	Function
F7	30A	Lamp - Direction Indicator Front - LH, Lamp - Direction Indicator Rear - LH, Lamp - Side Repeater - LH, Relay - Reverse Lamp, Relay - Position Lamp, Lamp - Rear Brake - LH , Passenger Compartment Fuses 3, 12, 36
F8	20A	Passenger Compartment Fuse 7
F9	10A	Relay - Compressor Clutch - Air Conditioning, Compressor - Air Conditioning Clutch
F10	30A	Relay - Wiper 1, Relay - Wiper 2

Code	Rating	Function
FL1	200A	Alternator, Engine Compartment Fuse Links 2, 7,10 and Fuses 5, 8, 9
FL2	60A	Passenger Compartment Fuses 1, 6, 9, 22, 24, 25, 27, 28, 42, Relay - Switched
FL3	50A	Relay - Horn, Rotary Coupler, Passenger Compartment Fuses 16, 17, 18
FL4	50A	Cooling Fan
FL5	100A	Relay - Dipped Beam, Relay - Rear Fog Lamp, Passenger Compartment Fuses 19, 20, 21, 23, 30, 35, 37, 39, 40, 41, 43, 45, 46
FL6	70A	EHPAS ECU & Pump
FL7	40A	Relay - Starter, Starter Motor
FL8	40A	SCS ECU (Pump)

## EMERGENCY INFORMATION

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FL9	50A	Passenger Compartment Fuses 2, 5, 10, 13, 14, 15, 26, 38, 44, Relay - Heated Rear Screen, Relay - Main Beam, Relay - Auxiliary
FL10	40A	Relay - Blower, Motor - Blower, A/C Control Panel
FL11	25A	SCS ECU (Valve)
FL12	50A	Relay - Dipped Beam, Lamp - Direction Indicator Front - RH, Lamp - Direction Indicator Rear - RH, Lamp - Side Repeater - RH, Lamps - Rear Brake - RH, Passenger Compartment Fuses 8, 31, 32

## Bulb Replacement

### Bulb Specification

Bulb	Type
Headlamp dipped beam	H7 55W
Headlamp main beam	H7 55W
Xenon headlamp	D3S 35W
Cornering lamp	H7 55W
Direction indicators (Halogen)	WY21W 21W
Direction indicators (Xenon)	WY21W 21W
Side lamp	W5W 5W
Reverse lamp	W16W 16W
Licence plate lamp	W5W 5W
Map reading lamp	W5W 5W

Bulb	Type
Courtesy lamp	W5W 5W
Rear indicators	WY21W 21W
Glovebox lamp	T5 1.2W
Loadspace lamp	C10W 10W

# EMERGENCY INFORMATION

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## Replacing Bulbs

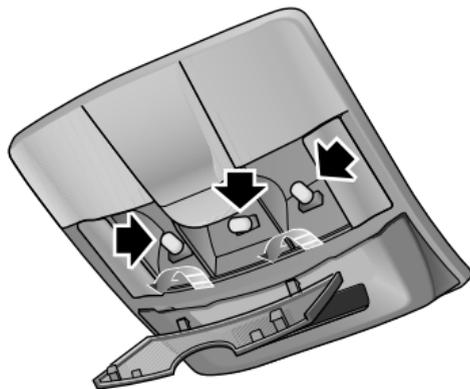
Before replacing any bulb, switch off the ignition switch and turn off the lighting switch to avoid any possibility of a short circuit.

**Note:** *Only replace bulbs with the same type and specification.*

Bulbs may shatter in use if the glass has been scratched, or contaminated with oil or perspiration. Take care NOT to touch the glass with your fingers; always use a cloth to handle the bulb. If necessary, clean the glass with methylated spirits to remove fingerprints.

For other bulbs that are not listed, please seek the assistance of a workshop when they need to be replaced.

## Front Courtesy & Map Reading Lamp

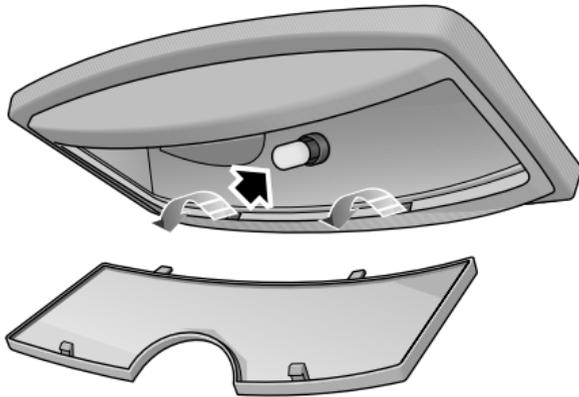


- 1 Use a small flat-bladed screwdriver to gently prise the lens from the light unit.
- 2 Pull the bulbs from their mountings to remove.

Replacement of the bulb is a reversal of the removal process. When replacing the lens, locate the two prongs at the front of the lens and then carefully flex the lens to locate the two prongs at the rear of the lens into the light unit. Push the lens upwards until it 'clicks' into position.

### Rear Courtesy Lamp

locate the two prongs at the rear of the lens into the light unit. Push the lens upwards until it 'clicks' into position.



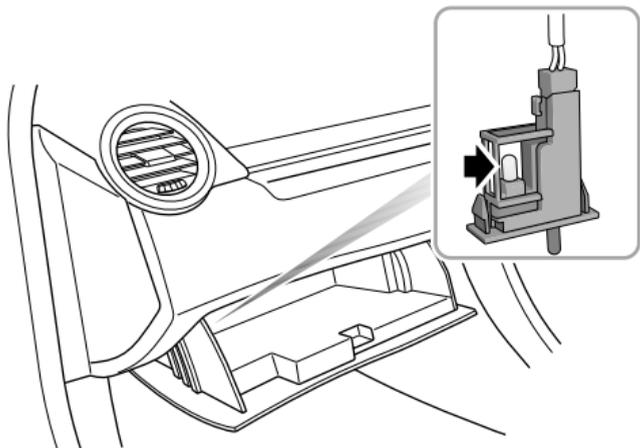
- 1 Use a small flat-bladed screwdriver to gently prise the lens from the light unit.
- 2 Pull the bulb from its mounting to remove.

Replacement of the bulb is a reversal of the removal process. When replacing the lens, locate the two prongs at the front of the lens and then carefully flex the lens to

## EMERGENCY INFORMATION

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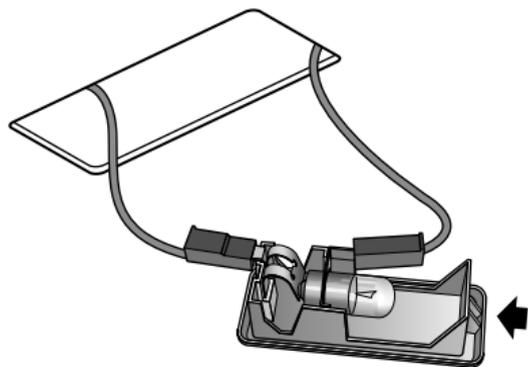
### Glovebox Lamp \*



- 1 Reach behind the glovebox lamp and press it from its housing.
- 2 Pull the bulb from the bulb holder to remove.

Push the new bulb into the bulb holder, then press the glovebox lamp back into its housing.

### Loadspace Lamp



- 1 Insert a small flat-bladed screwdriver into the indent on one of the narrow sides of the lens (see arrow in illustration) and carefully press the unit from its location.
- 2 Push and twist the bulb to remove.

Replacement of the bulb is a reversal of the removal process.



## **Maintenance**

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# MAINTENANCE

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## Routine Servicing

The safety, reliability and performance of your car will depend partly on how well it is maintained.

You must ensure that maintenance is carried out when required and according to the information contained in the 'Warranty and Maintenance Manual'.

## Servicing

The message centre shows the next service information. Refer to 'message centre' in 'Instruments and Controls' chapter. After the completion of each service, the next service display will be reset by your MG Authorised Repairer.

**Note: If a service is not carried out (or the display is not reset), the next service display will be wrong.**

## Service History

Refer to the 'Warranty and Maintenance Manual' for details. Ensure your MG Authorised Repairer signs and stamps the Service History after each service.

## Brake Fluid Replacement

The brake fluid requires replacement every two years, irrespective of the distance the car has travelled. Your MG Authorised Repairer will replace the brake fluid at the service nearest to the conclusion of each two year period.

**Note: Brake fluid replacement will be an additional cost.**

## Coolant Replacement

The engine coolant (anti-freeze and water solution) needs to be replaced every four years regardless of the distance the car has travelled. Your MG Authorised Repairer will replace the coolant at the service nearest to the conclusion of each four year period.

**Note: Coolant replacement will be an additional cost.**

## Emission Control

Your car is fitted with emission and evaporative control equipment designed to meet specific territorial and legal requirements. Incorrect engine settings may adversely affect exhaust emissions, engine performance and fuel

consumption, as well as causing high temperatures, which could result in damage to the catalytic converters, DPF (diesel models) and engine.

## IMPORTANT

You should be aware that unauthorised replacement, modification or tampering with this equipment by an owner or motor vehicle repairer could result in the manufacturer's warranty being deemed as invalid. In addition, engine settings must not be tampered with.

### Owner Maintenance



***Any significant or sudden drop in fluid levels, or uneven tyre wear, should be reported without delay. For further information, refer to a MG Authorised Repairer.***

In addition to the routine services referred to previously, a number of simple checks must be carried out more frequently. You can carry out these checks yourself and advice is given on the pages that follow.

### Daily Checks

- Operation of lights, horn, direction indicators, wipers, washers and warning lights.
- Operation of seat belts and brakes.
- Look for fluid deposits underneath the car that might indicate a leak.

### Weekly Checks

- Engine oil level

***Note: The engine oil level should be checked more frequently if the car is driven for prolonged periods at high speeds.***

- Coolant level.
- Brake fluid level.
- Power steering fluid level.
- Screen washer fluid level.
- Tyre pressures and condition.
- Operate air conditioning.

### Special Operating Conditions

If the car is frequently driven in dusty conditions, in extreme climates where subzero or very high ambient

# MAINTENANCE

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temperatures are normal, you should pay more frequent attention to the car's maintenance. Special maintenance operations may be required (refer to 'Warranty and Maintenance Manual') or contact your MG Authorised Repairer.

## Safety in the Garage



***Cooling fans may commence operating after the engine is switched off, and continue operating for a number of minutes. Keep clear of all fans while working in the engine compartment.***

If you need to carry out maintenance, observe the following safety precautions at all times:

- Keep your hands and clothing away from drive belts and pulleys.
- If the car has been driven recently, **DO NOT TOUCH** exhaust and cooling system components until the engine has cooled.
- **DO NOT TOUCH** electrical leads or components while the engine is running, or with the handset docked.

- **NEVER** leave the engine running in an unventilated area - exhaust gases are poisonous and extremely dangerous.
- **DO NOT** work underneath the car with a wheel changing jack as the only means of support.
- Ensure sparks and naked lights are kept away from the engine compartment.
- Wear protective clothing, including, where practicable, gloves made from an impervious material.
- Remove metal wrist bands and jewellery before working in the engine compartment.
- **DO NOT** allow tools or metal parts of the car to make contact with the battery leads or terminals.
- Because the vehicle is fitted with an automatic stop start feature, the engine may appear to be off, however, under certain conditions the engine may automatically restart. Whilst accessing the engine compartment keep hands and items of clothing clear from all drive belts and pulleys unless battery is disconnected.

## Poisonous Fluids

Fluids used in motor vehicles are poisonous and should not be consumed or brought into contact with open wounds.

These include: battery acid, antifreeze, brake and power steering fluid, petrol, diesel, engine oil and windscreen washer additives.

For your own safety, **ALWAYS** read and obey all instructions printed on labels and containers.

### **Used Engine Oil**

Prolonged contact with engine oil may cause serious skin disorders, including dermatitis and cancer of the skin. Wash thoroughly after contact.

Used engine oil should be disposed of correctly. Incorrect disposal can cause a threat to the environment.

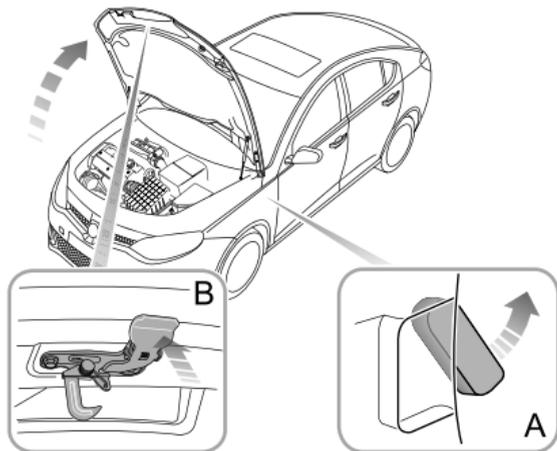
# MAINTENANCE

## Bonnet

### Opening the Bonnet



**DO NOT drive when the bonnet is retained only by the safety catch.**



- 1 Pull the bonnet release handle (A) from the inside of the car.

- 2 Push the lever (B) mounted on the bonnet upward to release the bonnet safety catch.
- 3 Raise the bonnet and release the lever.

### Closing the Bonnet

Support the bonnet with two hands and lower down the bonnet until the distance between it and the locking platform is approximately 30 - 40 cm, then push with a downward force to fully close the bonnet.

By attempting to lift the front edge of the bonnet, check if the lock is fully engaged after closing the bonnet. If it is not fully engaged, you must repeat the operation.

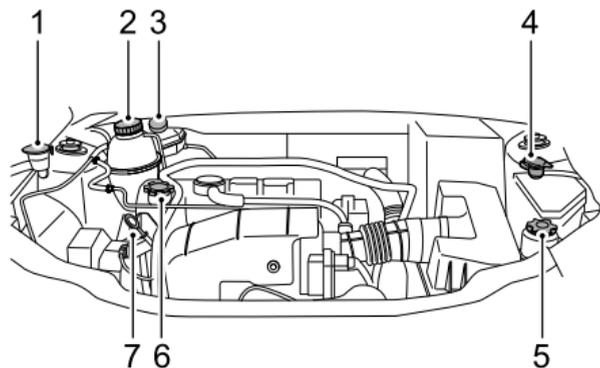
### Warning When the Bonnet is Open

If the bonnet is not fully engaged, a warning will be displayed in the message centre when the ignition is in position II (see Message Centre in Instruments and Controls chapter) .

## Engine Compartment



**While working in the engine compartment, always observe the safety precautions listed under 'Safety In The Garage'.**



- 1 Windshield washer reservoir (blue cap)
- 2 Cooling system reservoir (black cap)
- 3 Brake reservoir (yellow cap)
- 4 Lamp washer reservoir (blue cap)
- 5 Power steering reservoir (black cap)
- 6 Engine oil filler (yellow cap)
- 7 Engine oil dipstick (yellow)

# MAINTENANCE

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## Engine

### Diesel Engine Oil

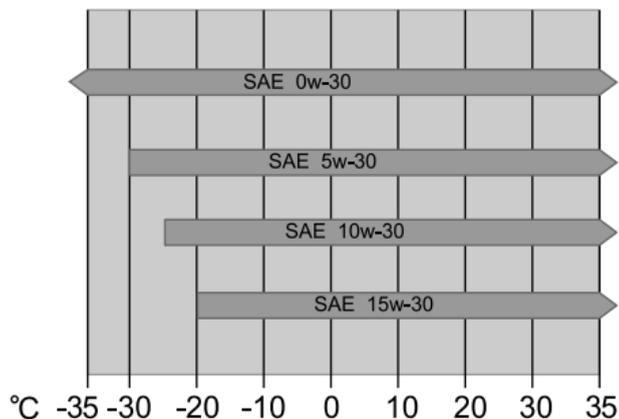
#### ACEA Specification

Use engine oil meeting ACEA specification C3, to ensure optimum protection for your engine, alternatively seek advice from the manufacturer.

Choose a different viscosity of oil according to the ambient temperature in which your vehicle is operating. If temperature range is minimal continue using the original viscosity oil.

If you are using your vehicle in areas of extreme cold, we advise you to use oil of a SAE 0W-30 viscosity.

**Note: *Mixing oil additives with the engine oil is not recommended and could damage the engine.***



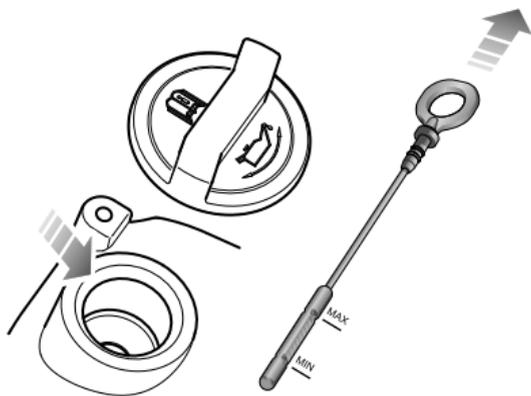
### Diesel Engine Oil Level Check and Top Up



**Driving the car with the engine oil level ABOVE the upper mark, or BELOW the lower mark on the dipstick, will damage the engine.**



**Take care to avoid spilling engine oil onto a hot engine – a fire may result!**



Check the oil level weekly and top up with oil if necessary. Ideally the oil level should be checked with the engine cold and the car resting on level ground. However, if the car is in use and the engine is already warm, wait for at least two minutes after switching off before checking the level.

- 1 Withdraw the dipstick and wipe the blade clean.
- 2 Slowly insert the dipstick and withdraw again to check the level, which should NEVER be allowed to fall below the 'MIN' mark on the dipstick.
- 3 To top up, Screw off the oil filler cap and add oil to maintain a level between the 'MAX' and 'MIN' marks on the dipstick.
- 4 Wait for five minutes and then recheck the level, adding more oil if necessary – **DO NOT OVER-FILL DIESEL ENGINES WITH LUBRICANT!**
- 5 Finally, ensure the dipstick and filler cap are replaced.

For diesel engine oil type and capacity refer to the 'Technical Data' Chapter.

## MAINTENANCE

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### IMPORTANT

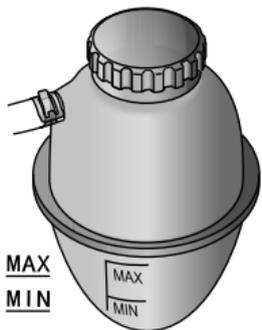
Check the engine oil more frequently if the car is driven at high speeds for prolonged periods.

## Cooling System

### Coolant Check and Top Up



**DO NOT remove the reservoir cap when the cooling system is hot - escaping steam or water could cause serious injury.**



The coolant level should be checked weekly when the cooling system is cold and with the car resting on level ground.

If the coolant level is below MIN level, remove the pressure cap when cold and add correct coolant mix to MAX level.

**Note:** Prevent coolant coming into contact with the vehicle bodywork, coolant will damage paint.

If the coolant level falls appreciably during a short period, suspect leakage or overheating and arrange for a MG Authorised Repairer to examine the car.

# MAINTENANCE

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## Coolant Specification

Please use the coolant (mix of water and antifreeze) which is recommended and certified by the manufacturer. Please refer to 'Recommended Fluids and Capacities'.

**Note:** *In an emergency top up the cooling system with clean water, but be aware of the resultant reduction in frost protection and summer cooling performance. If this occurs then replenish coolant mix to the correct level at the earliest opportunity. DO NOT top up or refill with other anti-freeze formulations.*

**Note:** *DO NOT top up or refill with rust inhibitor or other coolant additives.*

**Note:** *Should the low coolant level warning light illuminate, check the coolant level as soon as possible.*

## Antifreeze



***Antifreeze is poisonous and can be fatal if swallowed - keep containers sealed and out of the reach of children. If accidental consumption is suspected, seek medical attention immediately.***



***Prevent antifreeze coming into contact with the skin or eyes. If this occurs, rinse immediately with plenty of water.***

## Brakes

### Brake Pads



**DO NOT rest your foot on the brake pedal while driving; this may overheat the brakes, reduce their efficiency and cause excessive wear.**

For the first 900 miles (1,500 km), you should avoid situations where heavy braking is required.

Remember that regular servicing is vital to ensure that all the brake components are examined for wear at the correct intervals, and changed when required to ensure long term safety and optimum performance.

When a brake pad wears to a predetermined point, please seek MG Authorised Repairer to replace brake pads, loss of brake efficiency may result which may result in a serious injury or accident.

At the time of brake pad replacement it is recommended that the brake pad wear indicator sensor/s be replaced.

### Brake Fluid Check and Top Up



**Brake fluid is highly toxic - keep containers sealed and out of the reach of children. If accidental consumption of brake fluid is suspected, seek medical attention immediately.**



**Prevent brake fluid coming into contact with the skin or eyes. If this occurs, rinse immediately with plenty of water.**

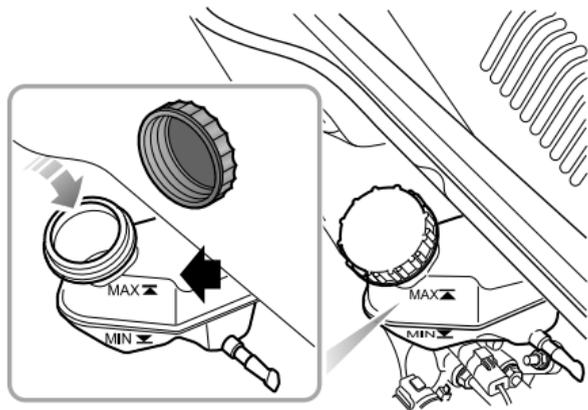
The brake fluid level should be checked weekly when the system is cold and with the car on level ground.

The fluid level can be seen through the reservoir neck and should be maintained as close to the 'MAX' mark as possible. Do not allow the level to drop below the 'MIN' mark.

**Note: Brake fluid will damage painted surfaces. Soak up any spillage with an absorbent cloth immediately and wash the area with a mixture of car shampoo and water.**

# MAINTENANCE

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## Brake Fluid Specification

Use the brake fluid which is recommended and certified by the manufacturer. See 'Recommended Fluids and Capacities'.

### IMPORTANT

The brake fluid must be replaced every two years.

## Power Steering

### Power Steering Fluid Check and Top Up



*Power steering fluid is highly toxic - keep containers sealed and out of the reach of children. If accidental consumption of fluid is suspected, seek medical attention immediately.*

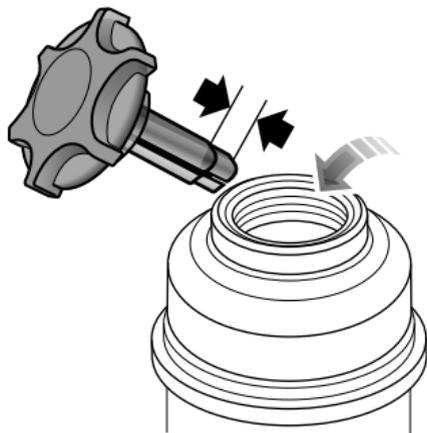


*If power steering fluid should come into contact with the skin or eyes, rinse immediately with plenty of water.*

The fluid level should be checked every service. This should be done before the engine is started when the system is cold and with the front wheels pointing straight ahead.

Wipe the filler cap clean to prevent dirt from entering the reservoir. Remove the filler cap and, using a clean lint-free cloth, wipe the dipstick clean. Refit the cap fully and remove again to check the fluid level. If necessary, top up with a fluid meeting specification until the level is

between the upper and lower marks on the dipstick (see illustration).



**Note:** *Power steering fluid will damage painted surfaces. Soak up any spillage with an absorbent cloth immediately and wash the area with a mixture of car shampoo and water.*

# MAINTENANCE

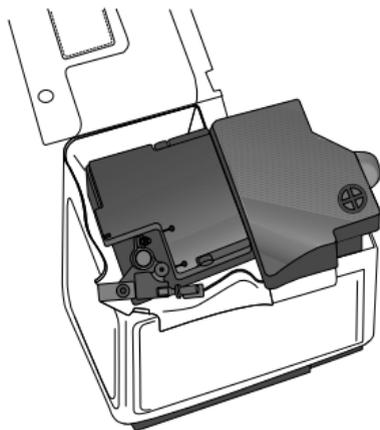
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IMPORTANT
Take care not to spill power steering fluid on to a hot engine, a fire may result.

## **Power Steering Fluid Specification**

Use the power steering fluid which is recommended and certified by the manufacturer. Refer to 'Recommended Fluids and Capacities'.

## Battery



To access the battery, release the fixings and move the top of the battery cover aside as shown in illustration.

## Battery Safety

Batteries contain sulphuric acid, which is both corrosive and poisonous. Wear suitable protective equipment when handling batteries to protect your eyes, skin and clothing.

If a spillage occurs:

- On clothing or the skin - remove any contaminated clothing immediately, flush the skin with large amounts of water, and seek medical attention urgently.
- In the eyes - flush with clean water immediately for at least 15 minutes. Seek medical attention urgently.
- Swallowing battery acid can be fatal unless IMMEDIATE action is taken - seek medical attention urgently.

## Battery Disconnection and Replacement

**Note:** *NEVER run the engine with the battery disconnected, or disconnect the battery while the engine is running.*

Batteries contain sulphuric acid, which is both corrosive and poisonous. If a battery requires replacement contact an MG Authorised Repairer. Only fit a replacement

## MAINTENANCE

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battery of the same type and specification as the original to maintain the correct vehicle functionality.

Before disconnecting or removing the battery, ensure that the starter switch and all electrical equipment is turned off.

Disconnect the negative (-) cable first and then the positive (+) cable (when reconnecting, connect the positive cable first and then the negative cable).

When lifting the battery from the car , keep the battery upright at all times.

Make sure both the battery clamping plate and retaining strap are fitted securely, this will prevent the battery from moving in the event of an accident or sudden stop.

**Note: To maintain the correct functionality of Stop/Start , the battery sensor requires resetting after battery replacement. Please consult an MG Authorised Repairer to reset the battery sensor, it takes 4 hours at least for the sensor to get the exact status information of the battery. Failure to adhere to the above will inhibit the stop/start functionality.**



Used batteries can be harmful to the environment , must be disposed of using an approved method . They should be recycled by a professional company. Please consult an MG Authorised Repairer for more details.

## Battery Charging

**Note:** *DO NOT charge the battery if it is suspected of being frozen.*

As the battery ages, it may not retain its charge as effectively as when it was new. Cars that are used infrequently, or are used excessively for short journey motoring, or operation in cold climates, may need the battery to be charged regularly.

### Pre Charging Battery Appearance Check :

- If the shell is broken or there is a leak, DO NOT charge the battery and replace it after finding the reason.
- If the terminal is broken, DO NOT charge the battery and replace it after finding the reason.
- DO NOT attempt to charge a 'bulging' or 'distorted' battery.
- Prior to charging ensure terminals are free from corrosion, apply petroleum jelly to terminal to help prevent corrosion.

### Charging Notes:

- Always wear safety glasses when connecting or disconnecting a battery charger.
- Always ensure there the area is well ventilated. Ensure the charging battery has adequate space and does not 'over-heat'.
- DO NOT smoke in the vicinity of a charging battery, and ensure sparks and naked lights are kept well away from the engine compartment.
- Before charging, connect the positive cable at first. After charging, disconnect the negative cable at first.

### Battery Charging Operation:

**Note:** *When charging or emergency starting always ensure the negative lead has a good connection to a body earth away from the battery (refers to the section 'Emergency Starting' in the 'Emergency Information' Chapter).*

- If charging the battery whilst on the vehicle, please connect the battery charger negative lead to the vehicle body ensuring a good connection.
- Ensure all terminals are free from corrosion.

# MAINTENANCE

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- Only suitable battery chargers can be used - please consult an MG Authorised Repairer for details.
- During the charging process the battery temperature **MUST NOT** exceed 40°C.
- **DO NOT** attempt to charge a battery at temperatures below 0°C.

***battery condition. Failure to adhere to this will inhibit the stop/start functionality.***

## Battery Maintenance



***DO NOT leave electric components switched on when the engine is not running, the battery may become flat and you will not be able to start the engine.***

The battery is designed to be maintenance free, so topping-up is unnecessary.

***Note: If the vehicle is stored for more than 1 month, remove the earth lead from the battery. Make sure that the ignition switch has been turned off before connecting or disconnecting the earth lead. When connecting the earth lead again, the vehicle must be left in a locked state for 4 hours to re-calibrate the***

## Washers

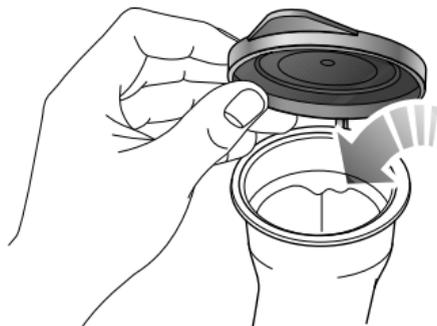
### Windscreen and Front Lamp Washer Check and Top Up



*Some screen and front lamp wash products are flammable, particularly if high or undiluted concentrations are exposed to sparks. Do not allow screenwash to come into contact with naked flames or sources of ignition.*



*When filling the washer reservoir avoid spillages onto painted surfaces, damage may occur. If spillage occurs or fluid comes into contact with bare skin please wash with clean water immediately.*



The washer reservoir is located on the offside of the engine compartment and supplies the windscreen washers and headlamp washers.

Check the fluid level at weekly intervals and top up when low.

**Note:** *DO NOT use an anti-freeze or vinegar/water solution in the washer reservoir - anti-freeze will damage paintwork while vinegar will damage the windscreen washer pump.*

# MAINTENANCE

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## IMPORTANT

- Use the washer fluid which is recommended by the manufacturer, or the washer motor may become damaged by freezing if non-recommended washer fluid is used in winter.
- The washer pumps may become damaged if used when the reservoir is empty.
- The wipers may damage the windscreen if used when dry - always ensure there is adequate fluid in the reservoir.

## Washer Nozzles

Operate the washer periodically to check if the windshield washer nozzles are clean and they are in the correct direction.

The windshield washer nozzles are configured during the production, so generally there is no need for adjustments. If necessary, a needle can be inserted into the jet orifice and levered gently into position so that the spray is directed toward the required area of the windscreen.

The front lamp washer nozzles \* can not be configured.

If the nozzle is obstructed, insert a needle or thin metal wire into the hole to remove the obstruction.

## Washing Fluid Specification

Use the washing fluid recommended and approved by the manufacturer. Refer to 'Recommended Fluids and Capacities'.

## Wipers

### Windscreen Wiper Blades

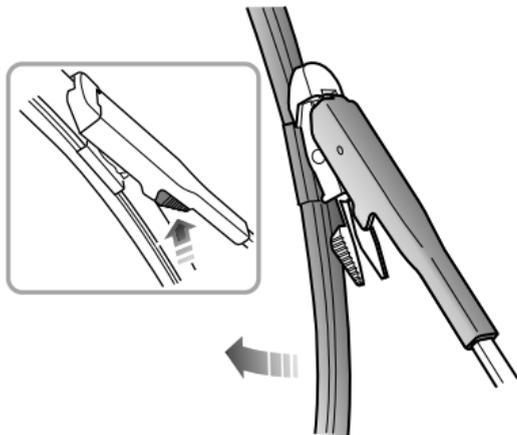
#### IMPORTANT

- Grease, silicon and petrol based products impair the blade's wiping capability. Wash the wiper blades in warm soapy water and periodically check their condition.
- Clean the windscreen frequently, DO NOT use wipers to remove stubborn or ingrained dirt, it will reduce their effect and their life span.
- If signs of hardness or cracking in the rubber are found, or if the wipers leave streaks or unwiped areas on the screen, then the wiper blades should be replaced.
- Clean the windscreen regularly with an approved glass cleaner and ensure the screen is thoroughly cleaned before fitting replacement wiper blades.
- Only fit replacement wiper blades that are identical to the original specification.
- Clean ice and snow from around wipers and ensure they are not frozen or otherwise sticking to the windscreen before attempting to operate them.

# MAINTENANCE

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## Replacing Front Wiper Blades



- 1 Lift the wiper arm away from the windscreen.
- 2 Squeeze the two locating tags and pivot the blade away from the wiper arm.
- 3 Unhook the blade from the wiper arm and discard.
- 4 Locate the tip of the new wiper blade in the slot in the wiper arm.

- 5 Pivot the wiper blade towards the arm until the locating tags engage.
- 6 Check that the blade is fitted correctly to the arm before positioning on the windscreen.

## Tyres

### Overview

- Take extra care when using new tyres for the first 500 km.
- Avoid excessive cornering at speed.
- Regularly check tyres for damage and foreign objects - remove any foreign objects from the tread.
- Avoid tyre contact with oils, grease and fuel.
- Ensure valve caps are always fitted.
- If the tyre is to be removed always mark the tyre/wheel orientation to ensure correct refitment.

### New Tyres

New tyres may not have the same adhesion properties of the old tyres, please take extra care for 500 km. This action could benefit tyre life.

Tyre or rim damage can happen unnoticed. If abnormal vibrations or handling is experienced, or you think tyre or rim damage has occurred please contact an MG Authorised Repairer.

### Directional Tyres

Directional tyres are marked with 'direction of rotation' (DOR). To maintain handling characteristics, tyre performance, low road noise and extend tyre life, tyres/wheels must always be fitted with indication arrow showing the correct 'DOR'.

# MAINTENANCE

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## **Tyre Life**

Correct tyre pressures and moderate driving style can extend tyre life.

Recommendations:

- If the vehicle is to be stored for a lengthy time, please move at least one time in two weeks to 'rotate the tyres'
- Tyre pressures should be checked regularly when the tyres are cold.
- Avoid cornering at excessive speeds.
- Regularly check tyres for abnormal wear patterns.

The following factors can affect the tyre life.

## **Tyre Pressures**

Incorrect tyre pressures can result in poor driving characteristics and a shortened tyre life. Tyre pressures should be checked at least once a month, and once prior to each long-distance journey.

## **Driving Style**

Excessively harsh acceleration and braking whilst cornering will reduce tyre life.

## **Wheel Balance**

Shaking or vibration of the vehicle or steering mechanism can indicate out of balance wheels. It is important to rectify this quickly as to prevent wear on steering and suspension components and shorten tyre life.

## **Wheel Alignment**

Incorrect wheel alignment can cause excessive tyre wear and affect vehicle safety. If the tyres show signs of abnormal wear seek advice from an MG Authorised repairer.

## Caring for Your Tyres



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

Always drive with consideration for the condition of the tyres, and regularly inspect the tread and side walls for any sign of distortion (bulges), cuts or wear.

**Note: If possible, protect tyres from contamination by oil, grease and fuel.**

## Tyre Pressures



**It is advised to check tyre pressures prior to any long journeys.**

Check the pressures monthly, when the tyres are cold.

If it is necessary to check the tyres when they are warm, you should expect the pressures to have increased by 0.3 to 0.4 bar (4.35 to 5.8 psi). In these circumstances, NEVER

let air out of the tyres in order to match the recommended pressures (cold).

## Valves

Keep the valve caps screwed down firmly - they prevent dirt from entering the valve. Check the valve for leaks (listen for a tell-tale hissing) when you check the tyre pressure.

## Punctured Tyres

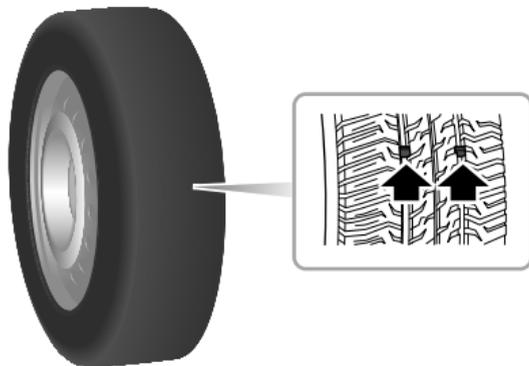
Your vehicle is fitted with tyres which may not leak if penetrated by a sharp object, provided the object remains in the tyre. If you are aware of this occurring, reduce speed immediately and drive with caution until the necessary repairs can be undertaken.

**Note: If the sidewall of the tyre is damaged or distorted, replace the tyre immediately, do not attempt a repair.**

# MAINTENANCE

## Tyre Wear Indicators

Tyres fitted as original equipment have wear indicators moulded into the tread pattern at several points around the circumference.



When the tread has worn down to 1.6 mm, the indicators will come to the surface of the tread pattern, producing the effect of a continuous band of rubber across the width of the tyre.

### IMPORTANT

A tyre **MUST** be replaced as soon as a wear indicator becomes visible.

## Replacement Tyres

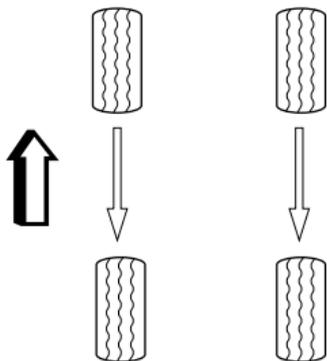


**DO NOT** replace the wheels with wheels of any other type. Alternative wheels, of a different specification, may adversely affect the car's driving characteristics.

Always have replacement wheels and tyres balanced before use.

## Wheel Fitment Rotation

In order to balance tyre wear, it may benefit from rotating tyre position. Wheels can be swapped front to rear in order to even spread tyre wear across all tyres.



Directional tyres **CANNOT** be swapped from side to side.

## Snow Chains

Unsuitable snow chains could damage the tyres, wheels, suspension, brakes or bodywork of your car.

In use, always observe the following precautions:

- Fit snow chains to the front wheels only.
- The thickness of snow chains shouldn't exceed 20mm.
- Always adhere to the snow chain fitting and retensioning instructions and the speed limitations for varying road conditions.
- **DO NOT** exceed speeds of 50 km/h.
- Avoid tyre damage and excessive chain wear by removing snow chains when driving on snow free roads.

**Note:** *If you drive on the snowy and icy roads, it is recommended to use winter tyres. Consult an MG Authorised Repairer for details.*

# MAINTENANCE

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## Cleaning and Vehicle Care



**Observe all safety precautions on cleaning products; do not drink fluids and keep them away from the eyes.**

## Washing Your Car



**Some high pressure cleaning systems will penetrate door, window and sunroof seals, and damage lock mechanisms. DO NOT aim water jets directly at components that might be easily damaged.**

In order to preserve the paint finish on your car, please observe the following care points:

- DO NOT use hot water to wash the car.
- DO NOT use detergents or washing up liquid.
- In hot weather, DO NOT wash the car in direct sunlight.
- When using a hose, DO NOT aim the water directly at window, door or sunroof seals, or through wheel apertures onto the brake components.

If the car is particularly dirty, use a hose to flush grime and grit from the bodywork, prior to washing. Then, wash the car using cold or lukewarm water containing a good quality wash and wax shampoo. Always use plenty of water to ensure that grit is flushed from the surface and not ground into the paintwork. After washing, rinse the bodywork with clean water and dry off with a chamois leather.

## Cleaning the underside



**DO NOT use a high pressure hose to clean the engine compartment – damage to the car's electronic systems may occur.**

From time to time, but particularly during winter months when salt has been used on the roads, use a hose to wash the underside of the car. Flush away accumulations of mud and thoroughly clean those areas where debris can easily collect (wheel arches and panel seams, for example).

## Removing tar spots

Use white spirit to remove tar spots and stubborn grease stains from the paintwork. Then wash the area immediately with soapy water to remove all traces of the spirit.

## Body protection

After washing, examine the paintwork for damage. If the damage has revealed bare metal, use a coloured primer first, then apply the correct colour base coat and finish off with a lacquer pencil, if appropriate. Carry out this treatment after washing but before polishing or waxing.

More extensive damage to paint or bodywork must be repaired in accordance with the manufacturer's recommendations. Failure to do this will invalidate the Anti-Corrosion Warranty. If in doubt, ask your MG Authorised Repairer.

## Polishing the paintwork



**DO NOT use car polish containing coarse abrasives – these will remove the paint film and damage the gloss finish.**

Occasionally treat the paint surface with an approved polish containing the following properties:

- Very mild abrasives to remove surface contamination without removing or damaging the paint.

- Filling compounds that will fill scratches and reduce their visibility.
- Wax to provide a protective coating between the paint and the elements.

**Note:** *If possible, avoid applying polish or wax products to window glass and rubber seals.*

## Wiper blades

Wash in warm soapy water. DO NOT use spirit or petrol based cleaners.

## Windows and mirrors

Regularly clean all windows, inside and out, using an approved glass cleaner.

**Windscreen:** In particular, clean the outside of the screen with glass cleaner after washing the car with wash and wax products, and before fitting new wiper blades.

**Rear screen:** clean the inside with a soft cloth, using a side to side motion to avoid damaging the heating elements.

# MAINTENANCE

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**Note:** *DO NOT scrape or use abrasive cleaners on the inside of the rear screen – this will damage the heating elements.*

**Mirrors:** Wash with soapy water. Use a plastic scraper to remove ice. DO NOT use abrasive cleaning compounds or metal scraper.

## Cleaning the Interior

### Plastic materials

Clean plastic-faced materials with diluted upholstery cleaner, then wipe with a damp cloth.

**Note:** *DO NOT polish dashboard components – these should remain non-reflective.*

### Carpet and fabrics

Clean with diluted upholstery cleaner - test a concealed area first.

### Leather

Clean leather trim with warm water and a non-detergent soap. Dry and polish the leather with a dry, clean, lint-free cloth.

**Note:** *DO NOT use petrol, detergents, furniture creams or polishes as cleaning agents.*

### **Instrument pack, clock, audio system and navigation display**

Clean with a dry cloth only. **DO NOT** use cleaning fluids or sprays.

### **Airbag module covers**



***DO NOT allow these areas to be flooded with liquid and DO NOT use petrol, detergent, furniture cream or polishes.***

To protect damage to the airbag SRS, the following areas should be cleaned sparingly with a damp cloth and upholstery cleaner **ONLY**:

- Steering wheel centre pad.
- Area of dashboard containing the passenger airbag.
- Area of roof lining and front pillar finishers which enclose the side head impact protection modules.

### **Seat Belts**



***DO NOT use bleaches, dyes or cleaning solvents on seat belts.***

Extend the belts, then use warm water and a non-detergent soap to clean. Allow the belts to dry naturally; **DO NOT** retract them or use the car until they are completely dry.



## **Technical Data**

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220 *Technical Data Dimensions*

221 *Weights*

222 *Major Parameters of Engine*

223 *Recommended Fluids and Capacities*

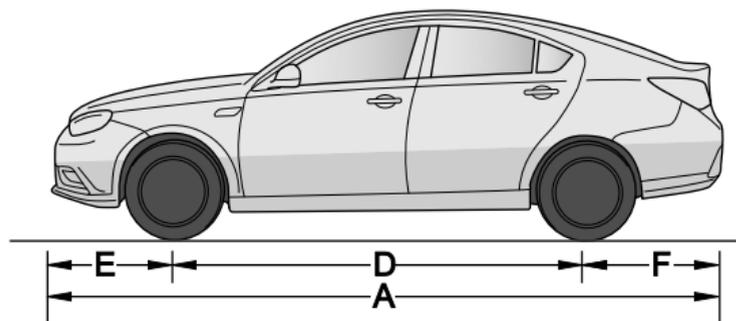
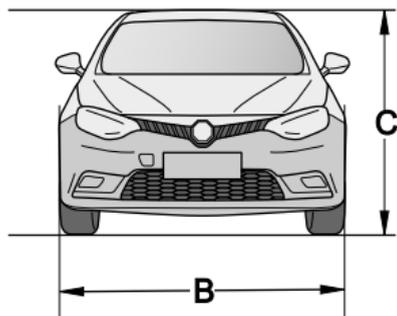
224 *Wheel Alignment (Unladen Condition)*

224 *Wheel and Tyre*

224 *Tyre Pressures(Cold)*

# TECHNICAL DATA

## Technical Data Dimensions



Item, units	Parameter
Overall length A, mm	4657
Overall width B, mm	1827
Overall height C (unladen), mm	1467
Wheelbase D, mm	2705
Front Overhang E, mm	950
Rear Overhang F, mm	998

Item, units	Parameter
Front wheel track, mm	1557
Rear wheel track, mm	1555
Minimum turning circle diameter, kerb-to-kerb	11.8
Fuel tank capacity, l	62
Luggage capacity, l	429
Wheel nut torque, Nm	115 - 130

## Weights

Item, units	Parameter		
	S	SE	TSE
Person in cab, person	5		
Diesel models unladen vehicle weight (kerb), kg	1521	1525	1539
Gross vehicle weight, kg	2140 ( Diesel )		

## Towing Weights

Item, units	Parameter
	D1.9
Towing limit un-braked, kg	750
Towing limit braked, kg	1600
Towing hitch maximum download, kg	100

## TECHNICAL DATA

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### Major Parameters of Engine

Item, units	Vehicle
	D1.9
Bore × Stroke, mm × mm	80 × 92
Capacity, l	1.850
Compression ratio	15.8:1
Maximum power, kw	110
Engine speed to develop maximum power, rev/min	4000
Maximum torque, Nm	350
Engine speed to develop maximum torque, rev/min	1800 - 2600
Idle speed, rev/min	800 ± 50
Fuel type, RON/CN	EN590

**Recommended Fluids and Capacities**

Name	Fluid Type	Capacity
Engine oil, l	C3 5W-30	5.0
Engine coolant, l	Glycol (OAT)	7.7
Transmission Fluid, L	MTF 94	2.5
Brake fluid, l	DOT 4	0.55
Power steering fluid, l	Pentosin CHF 202	1.1
Windshield washer fluid, l	Qx35	3.8
Headlamp washer fluid, l	Qx35	3.8
Air conditioning refrigerant, g	R134a	460±25

## TECHNICAL DATA

### Wheel Alignment (Unladen Condition)

Item		Parameter
Front	Camber angle	$-0^{\circ}28 \pm 45\phi$
	Castor angle	$3^{\circ}37 \pm 45\phi$
	Total toe	$0^{\circ}10 \pm 6\phi$
	King pin inclination (non adjustable)	$12^{\circ}54 \pm 45\phi$
Rear	Camber angle	$-1^{\circ}10 \pm 45\phi$
	Total toe	$0^{\circ}24 \pm 6\phi$

### Tyre Pressures(Cold)

Wheel	All load conditions
Front Wheel	2.2bar (32psi)
Rear Wheel	2.2bar (32psi)

### Wheel and Tyre

Wheel size	7J×16
Tyre size	205/60 R16

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