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MG RV8

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*o w n e r ' s*

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*b a n d b o o k*

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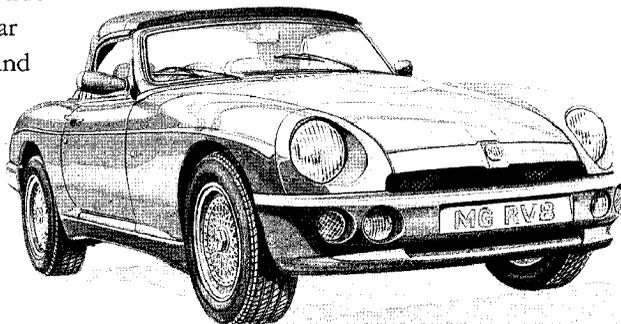
With the commencement of production of the MG RV8 at the Cowley works in Oxford, a wheel has turned full circle. For although Abingdon is the name generally associated with MG sports cars, it was in Longwall Street, Oxford, that the first MGs were assembled.

From a modest start in 1925 sprang the famous lineage of sports models that have thrilled so many; models so varied in style and performance, from lightweight fabric bodied two seaters to luxury four door saloons, covering all the needs of the sporting driver.

Moreover, a sporting pedigree has been forged from many successes through the ages, and whether it be in circuit racing, rallying, trials or record breaking, the name MG is firmly established in international record books. However, MG cars have been built with the famous slogan 'Safety Fast' very much in mind; eminently predictable and controllable and the epitome of styling of their age, yet all offering extreme value for money such that the sales of MG have made those two letters the byword for sports cars the world over.

The MG RV8 continues the MG tradition, offering the opportunity to a discerning few to capture the true pleasures of open top, sports car motoring, with an experience and history second to none.

**Long live MG!!**



# INTRODUCTION

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Welcome to your new MG. This Handbook, together with the other publications in the literature pack, provides all the information you need to enjoy maximum pleasure from driving and owning your new car.

For your convenience, the Handbook is divided into the following sections. Please take a little time to read them, and get to know your new MG as soon as you possibly can.

**'Before You Drive'** - this section covers seat adjustment, seat belts and heater controls and deals with everything you need to know to settle comfortably into the car before you drive.

**'Driving Controls'** - here the functions and operation of the switches, instruments and driving controls are explained.

**'Maintenance'** - this part includes the Daily, Weekly and Monthly checks that you, the owner, should carry out. It also tells you how to do them.

**'Emergency Information'** - this section will help to solve a few of those unavoidable little problems that sometimes occur - like replacing bulbs and fuses, or changing a wheel.

**'Technical Data'** - here you will find the technical specification for your car, together with a useful index at the end of the book.

This Handbook is an important part of the car. Keep it where it is easy to find.

## **WARNING!**

Always heed the advice given in a warning panel. This indicates either a procedure which must be followed precisely, or information that should be considered with great care to avoid the possibility of personal injury or serious damage to the vehicle.

The vehicle specification may vary according to market requirements and from model to model. Rover operate a policy of constant product improvement and therefore reserve the right to change specifications without notice at any time. Whilst every effort is made to ensure complete accuracy of the information in this handbook, no liabilities for inaccuracies or the consequences thereof can be accepted by the manufacturer or the dealer who supplied the handbook, except in respect of personal injury caused by the negligence of the manufacturer or the dealer.



As part of Rover Cars environmental policy, this publication is printed on paper made from 100% chlorine-free pulp.

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*In addition to this handbook, your literature pack contains the following documents.*

● **Owner's Information Portfolio**

- from how to obtain expert help in an emergency through to route planning maps, with stopovers at warranty, maintenance and security to name but a few, this book will tell you everything you need to know about the benefits of being an MG owner.

● **Lubrication Chart**

- details the service lubricants required by your car.

● **Security Card**

- a handy method of keeping some very important information about your car in one place. Fill in all the relevant serial numbers concerning your car, BEFORE storing the card in a safe place - NOT IN THE CAR.

● **Service Record**

- a valuable document which is a record of the service history of your car.

*The literature pack is an important part of the car.  
Keep it somewhere where it is easy to find.*

Rover Group Limited would like to thank the MG Car Club and the MG Owners Club for their valued contributions of historical data and introductory material to this Handbook.

MG RV8 owners requiring further information about the rich heritage of MG cars, or wishing to make use of the services provided by the two MG motoring organisations, should contact the appropriate address below.

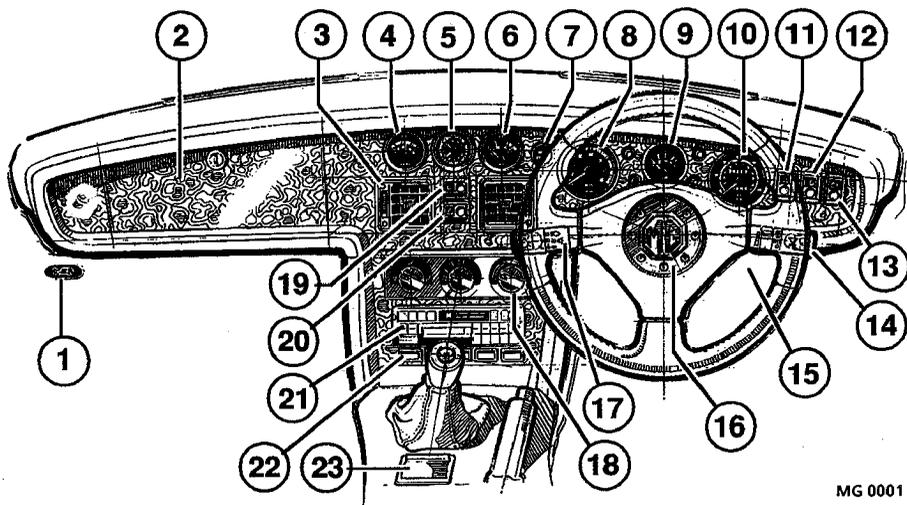
MG Car Club;

Kimber House, PO Box 251, Abingdon, Oxon OX14 1FF.

MG Owners Club;

Octagon House, Station Road, Swavesey, Cambridge CB4 5QZ.

# CONTROLS



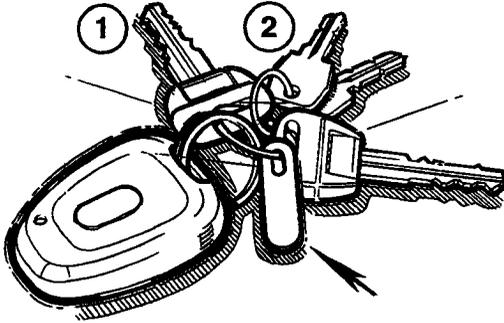
MG 0001

- |                                        |                                           |
|----------------------------------------|-------------------------------------------|
| 1. Bonnet release lever                | 13. Rear fog guard lights switch          |
| 2. Glovebox                            | 14. Windscreen wiper/washer switch        |
| 3. Fresh air vents                     | 15. Fuse box                              |
| 4. Voltmeter                           | 16. Horn push                             |
| 5. Clock                               | 17. Lighting, direction indicators switch |
| 6. Coolant temperature gauge           | 18. Heating and ventilation controls      |
| 7. Cigar lighter                       | 19. Interior light switch                 |
| 8. Tachometer                          | 20. Hazard warning light switch           |
| 9. Fuel level gauge                    | 21. Radio/cassette                        |
| 10. Speedometer                        | 22. Warning lights                        |
| 11. Luggage compartment release switch | 23. Ashtray                               |
| 12. Front fog lights switch            |                                           |

## KEYS

You have been supplied with a handset and two keys, plus a duplicate set of keys.

### 1. Starter/door lock and luggage compartment key



MG 0002

The key number is stamped on a tag (arrowed in illustration) attached to your key ring.

**This is the only record of the key number and is essential should you ever need to obtain a replacement.**

**WARNING: Keep the tag and spare key in a safe place  
NOT IN THE CAR!**

**NOTE:** For information on the starter switch, refer to '**Starting & Driving**'.

### 2. Fuel filler cap/glovebox lock key

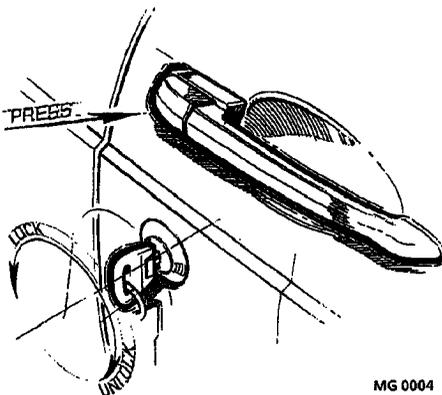
**NOTE:** For information on the fuel filler cap, refer to '**Fuel System**' and for the glovebox lock refer to '**Interior Equipment**'.

## Locking the Car

Both doors may be locked from outside with the key or from inside with the internal door handle.

### *From outside:*

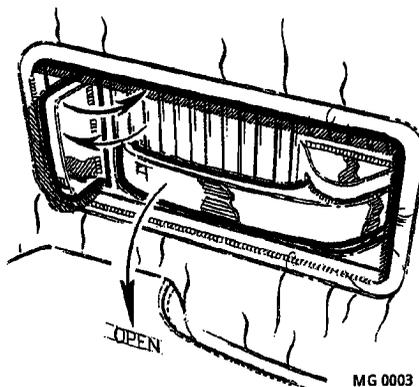
To lock the doors from outside insert the key in the lock and turn it towards the rear of the car. To unlock turn the key towards the front of the car. Grasp the handle and press the button to open the door.



### *From inside:*

To lock the doors from inside the car, close the door and move the locking latch towards the rear of the car. To open the doors move the locking latch towards the front of the car and pull the release lever.

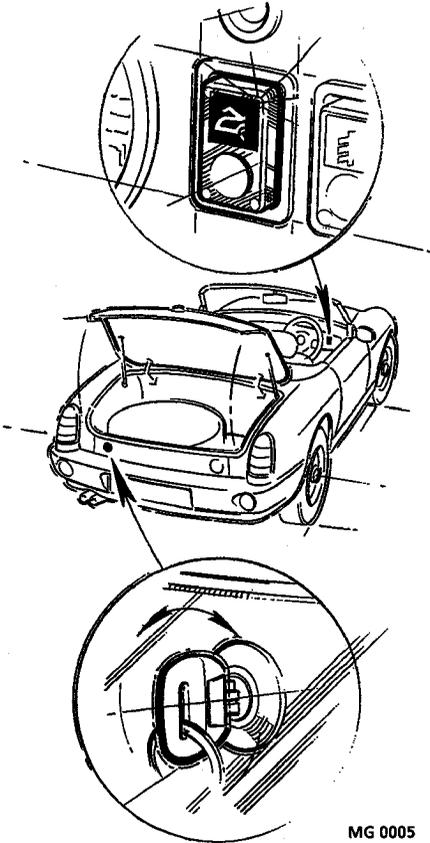
The locking latch cannot be set to the lock position whilst the door is open.



## Luggage compartment

To unlock, press the release switch, or use the key as shown. The luggage compartment is automatically locked whenever the lid is closed.

The electric boot release only operates when the handbrake is on and the starter switch is in position 'II'.



**NOTE:** *The luggage compartment light switches on automatically when the lid is opened.*

MG 0005

## ANTI-THEFT ALARM

### ANTI-THEFT SECURITY PRECAUTIONS

The theft of motor vehicles or their contents accounts for a very large proportion of all known crime. It pays to take precautions!

**Always adopt this simple "five point" drill whenever you leave your car - even for just a few minutes:**

- Put the hood up and fully close all windows.
- Remove any valuables (or hide them in the luggage compartment).
- Remove the starter key.
- Engage the steering lock (by slightly turning the wheel until it locks).
- Lock all the doors and activate the alarm.

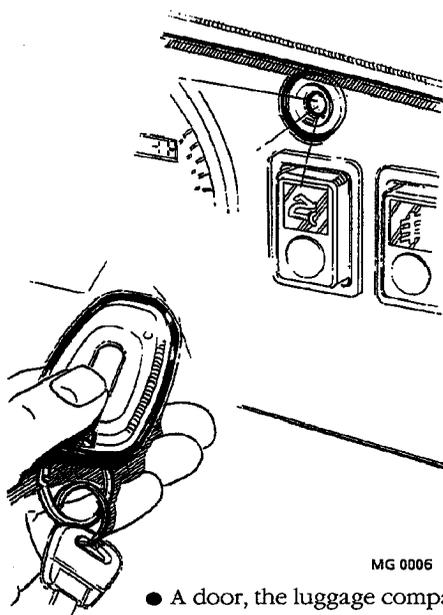
Even when you have done all these things, there is still much you can do to make your car a less inviting target for the thief.

### BE SAFE NOT SORRY!

- Try to park where your vehicle can be seen by householders or passers-by.
- At night always park in well lit areas and try to avoid dimly lit side streets.
- Never leave vehicle documents or spare keys in the car - these are a real bonus for the thief.
- If you have a garage, use it - and don't risk leaving the keys in the starter switch.

# ANTI-THEFT ALARM

Before attempting to arm the alarm, ensure that the doors, luggage compartment and bonnet are properly closed and locked.



MG 0006

- A door, the luggage compartment or bonnet is opened.
- The volumetric space protection sensor is activated.
- The vehicle immobilisation system is activated.

## ***Vehicle immobilisation:***

The alarm system features vehicle immobilisation, this prevents the vehicle being started and the luggage compartment release switch operating.

The horn will sound if the starter switch is operated.

## ***Volumetric space protection:***

A feature of the alarm system is a hidden volumetric sensor, which monitors interior space in the vehicle and automatically activates the alarm if an intrusion is detected.

Volumetric space protection is activated automatically whenever the alarm system is armed. However, if necessary, it can be inhibited without affecting the remainder of the alarm system by using the following procedure:

## ***Arming the Alarm:***

To arm the alarm, press the handset button once

- the hazard warning lights flash 3 times.
- the alarm indicator light flashes rapidly for approximately five seconds.

After five seconds the indicator light adjusts to a slower frequency and continues flashing once every second (as a visible theft deterrent) until the alarm is disarmed.

Once the alarm is armed, the horn will sound if any of the following occur:

# ANTI-THEFT ALARM

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1. Open the driver's door.
2. Press the handset button to arm the alarm in the normal way,  
- the alarm indicator light illuminates continuously.
3. Shut and lock the driver's door. The hazard lights flash three times and the alarm indicator light flashes rapidly for five seconds before reverting to a single pulse every second.

**IMPORTANT:** *To prevent false alarms, it is ESSENTIAL that the volumetric space protection is inhibited if the car is to be left with people or animals inside.*

### ***Disarming the Alarm:***

To disarm the alarm, press the handset button once

- the hazard warning lights flash once.
- the alarm indicator light stops flashing.

### **IMPORTANT:**

- The alarm can ONLY be armed and disarmed using the handset - if the doors are locked using the key the alarm will NOT be armed!
- With the alarm armed, any attempt to open a door will activate the alarm!

### ***Partial Failure to Arm the Alarm:***

If a door, luggage compartment or bonnet is left open, the alarm will not fully arm. This will be indicated by the hazard warning lights failing to flash and the alarm indicator light not illuminating for the first 5 seconds after pressing the handset button. **The car should not be left in this condition!**

Close the open door, bonnet or luggage compartment, and the alarm will automatically re-arm itself (the hazard warning lights will flash 3 times and the alarm indicator light flashes rapidly to confirm that the alarm is fully armed).

# ANTI-THEFT ALARM

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**WARNING:** *In the interests of security, ALWAYS arm the alarm whenever you leave the car - even for a short while - and NEVER leave the car with windows or hood open even if the alarm is armed!*

*In event of the car having to be left with the roof down, park it away from overhanging branches etc. as the volumetric alarm may be activated if the volumetric sensor detects movement above the vehicle.*

## Using the Handset

The handset transmits a coded radio signal, which changes every time the button is pressed. However, if the button is operated when the handset is out of range of the car, and the signal therefore fails to arm or disarm the alarm, the sequence of signals will be lost. It is then necessary to restore synchronisation of the sequence by moving closer to the car and pressing the button rapidly 3 times in one second.

Should the handset be accidentally soaked in water, it must be dried out as soon as possible. To do this, open the case and discard the batteries, then allow the handset to dry thoroughly before fitting new batteries and reassembling the case.

**NOTE:** *An additional or replacement handset is available from a Rover dealer.*

## Handset Batteries

Battery life will vary according to use. As an approximate guide, new batteries should last for a year in normal use.

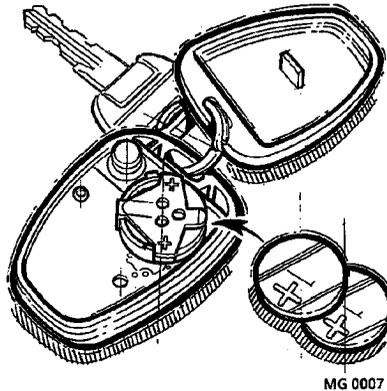
The following conditions indicate that the batteries need to be replaced:

- The LED light on the handset flashes rapidly when the button is pressed.
- The hazard warning lights illuminate continuously for approximately three seconds (instead of flashing 3 times) when the alarm is armed.

Always fit **Unipart YWK 10004** batteries (available from a Rover dealer), and adopt the following replacement procedure:

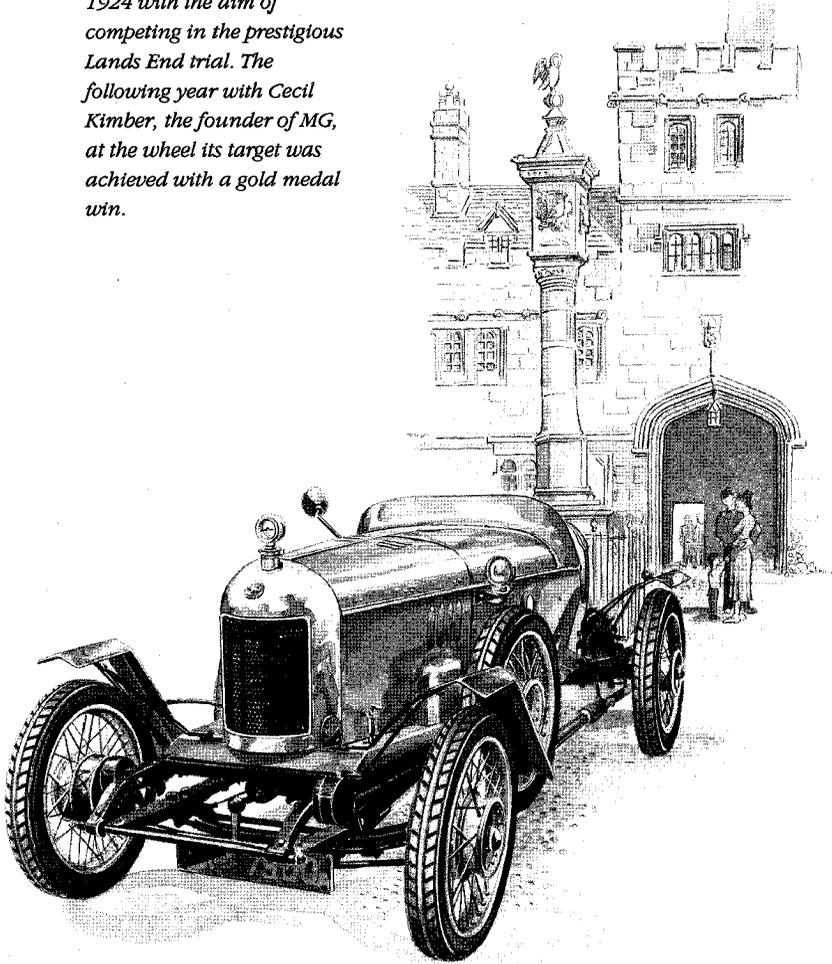
1. Prise the handset apart (from the rear of the unit) using a small, flat bladed, screwdriver.
2. Push the side of the batteries (in the direction of the arrow in the illustration) to remove them from the retaining clip.
3. With the batteries removed, press and hold the button for at least 5 seconds. This will enable the handset circuits to be reset.
4. Fit the new batteries with the positive ('+') side uppermost (as shown in illustration).

**NOTE:** *Finger marks will adversely affect battery life - avoid touching the flat surfaces and wipe clean before fitting.*



### **OLD NUMBER ONE**

*Built specially for competition purposes, work was started on it early in 1924 with the aim of competing in the prestigious Lands End trial. The following year with Cecil Kimber, the founder of MG, at the wheel its target was achieved with a gold medal win.*



**Engine:** 11.9hp Hotchkiss, 4 cylinder  
*in-line, water cooled with a displacement of 1598 cc.*  
**BHP:** Approximately 35

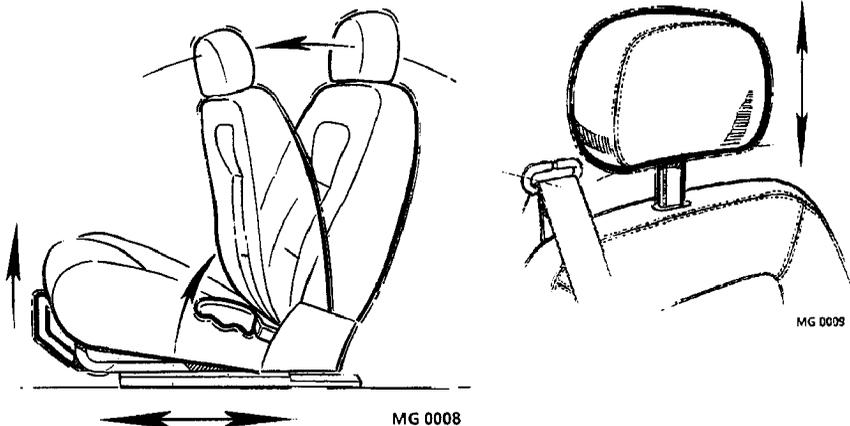
## SEAT ADJUSTMENT

### Forward/Backward Adjustment

Lift the bar to slide the seat forward or back. Check the seat is locked in position before driving.

### Backrest Adjustment

Pulling the lever up allows you to adjust the backrest to the required angle.



**WARNING: DO NOT adjust the seats while the car is in motion. NEVER allow passengers to travel with the seat reclined. (seat belts must be properly positioned on the body at all times whilst the car is moving).**

## HEAD RESTRAINTS

Properly adjusted head restraints can considerably reduce the risk of neck or head injuries.

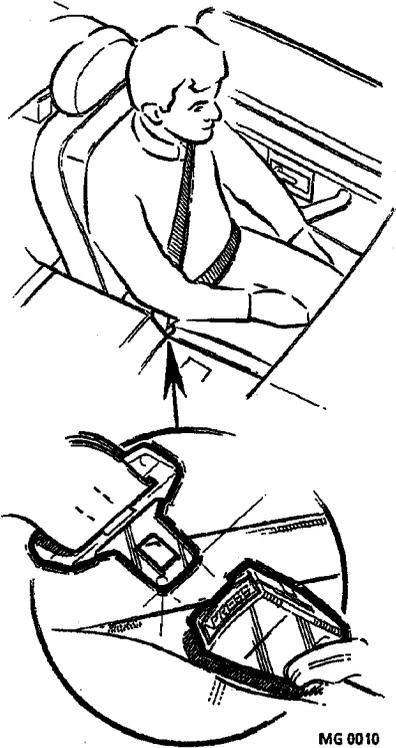
- ALWAYS adjust the height of the head restraint to support the back of the head, not the neck.
- DO NOT drive with the head restraints removed.

### Head Restraint Adjustment

Raise or lower to attain correct position.

# SEAT BELTS

**For safety, the seat belt should always be worn with the webbing crossing the shoulder MIDWAY BETWEEN THE NECK AND THE EDGE OF THE SHOULDER.**



## **Fastening the Belt**

Holding the metal tongue plate, pull the seat belt steadily across the body and insert the tongue plate into the lock - a **CLICK** indicates that the belt is securely locked.

## **Releasing the Belt**

Press the **RED** button attached to the seat belt lock to release the belt.

## **Caring for Seat Belts**

Regularly inspect the belt webbing for signs of wear, paying particular attention to the fixing points and adjusters. Always replace a seat belt that has withstood the strain of an impact or shows signs of severe fraying.

## **Three Tests for Checking Seat Belts**

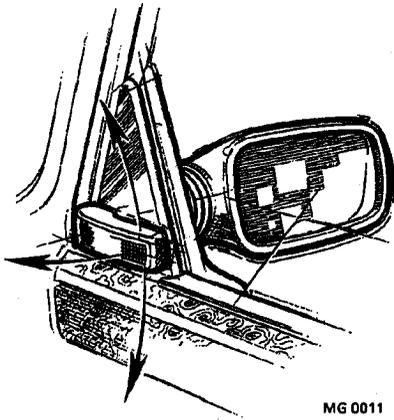
1. With the seat belt fastened, give the webbing near the buckle a quick upward pull. The buckle must remain securely locked.
2. With the seat belt unfastened, unreel the webbing to the limit of its travel. Check that unreeling is free from snatches and snags.
3. With the webbing half unreeled, hold the tongue plate and give it a quick forward pull. The safety mechanism must lock automatically and prevent any further unreeling.

## SEAT BELT SAFETY

In a collision unrestrained passengers can be thrown around the car, possibly killing themselves and badly injuring other occupants in the process. Don't take chances with safety!

- **DO** make sure the passenger is securely strapped in at all times.
- **ALWAYS** fit the lap strap as low on the hips as possible (never across the abdomen).
- **DO** have seat belts checked if the car is involved in an accident.
- **DO NOT** allow a baby or infant to be carried on the lap. The force of a crash can increase effective body weight by as much as 30 times, making it impossible to hold on to the child.
- **DO NOT** fit more than one person into a belt, or fit a seat belt that is twisted or obstructed in any way that could impede its smooth operation.
- **DO NOT** use a child seat that 'hooks' over a seatback, it is not secure!
- **DO NOT** allow foreign matter (particularly sugary food and drink particles) to enter the seat belt locks - such substances can render the locks inoperative.
- **DO NOT** carry large or sharp-pointed items of luggage unsecured inside the car. These become flying missiles, capable of causing serious injury.

**WARNING: Pregnant women should ask a doctor for advice about the safest way to wear seat belts.**

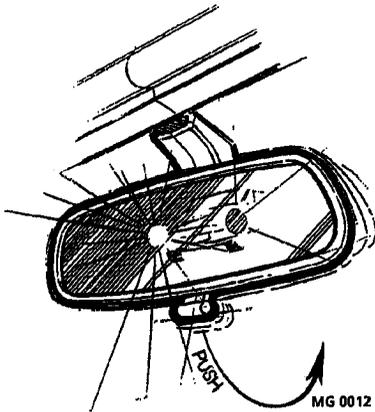


MG 0011

## EXTERIOR MIRRORS

- Move the mirror lever up, down, forward or back to move the mirror glass to the required position.

The mirror body is designed to fold rearwards or forwards on impact, and return under spring assistance. However, always exercise special care when negotiating narrow openings.



MG 0012

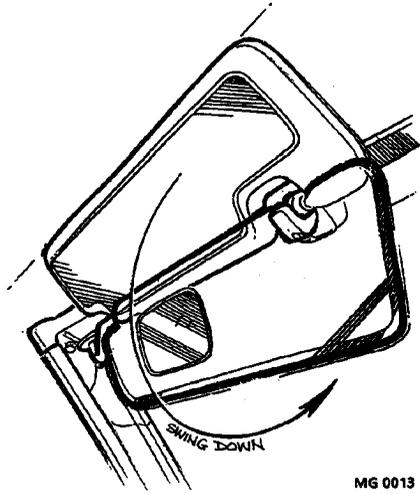
## INTERIOR MIRROR

The interior mirror is equipped with an anti-dazzle facility. At night, push the lever at the bottom of the mirror forward to eliminate dazzle from following vehicles.

In some circumstances the view reflected in a 'dipped mirror' can confuse the driver as to the precise position of following vehicles. Remember to take additional care!

## VANITY MIRROR

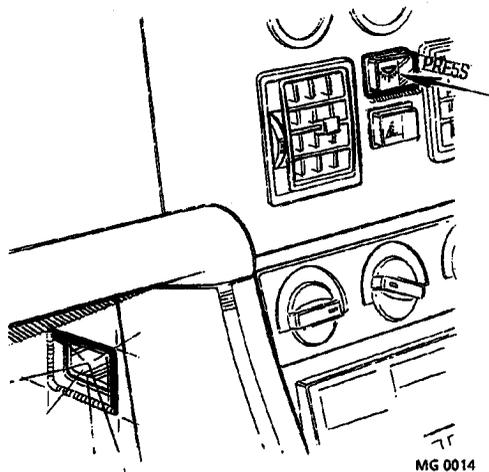
To avoid possible scorching of the seats by the sun reflected in the vanity mirror, always return the sun visor to its stowed position when not in use.



MG 0013

## INTERIOR LIGHTS

There is an interior light situated in each footwell.



### **Manual operation:**

Press switch to turn on.  
Press a second time to turn off.

### **Automatic operation:**

The interior lights illuminate automatically whenever a door is opened, and remain illuminated for 15 seconds approx. after all the doors are closed, or until the starter switch is turned on.

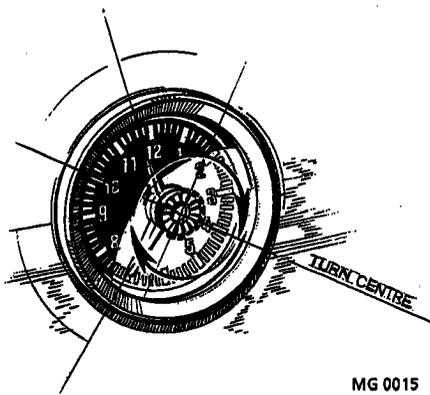
If a door remains open for ten minutes or more, a 'time out' function will extinguish the interior lights to avoid discharging the battery.

## Luggage Compartment Light

Illuminates automatically when the luggage compartment lid is raised.

## Glovebox Light

Operates automatically when the side lights are on and the glovebox lid is open.



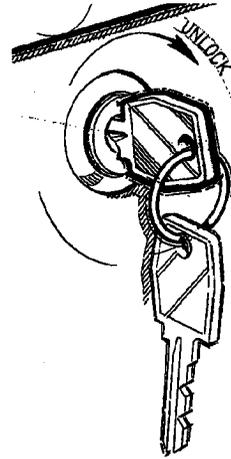
## CLOCK

If the battery is disconnected, the clock will need to be reset.

## GLOVEBOX LOCKING

To open, press the lock button.

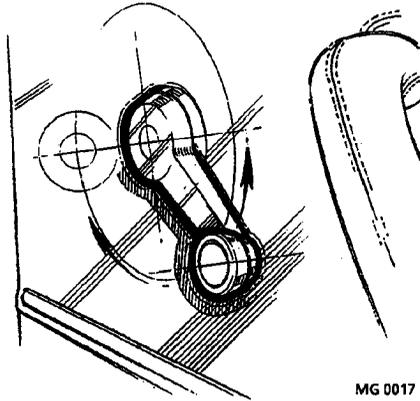
To lock the glovebox door use the key supplied.



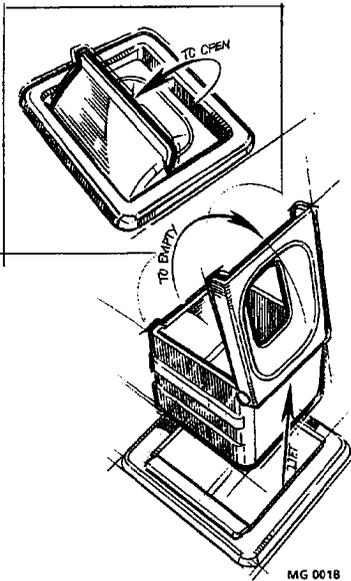
MG 0016

## WINDOW WINDER

Turn the handle on each door to open or close the windows.



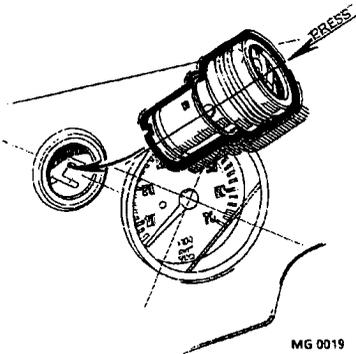
MG 0017



MG 0018

## Ashtray

Pull back cover to open. Interior compartment lifts out to empty.



MG 0019

## Cigar Lighter

Press in to heat. When ready, the lighter will automatically eject and can be withdrawn for use.

**NOTE:** *The Cigar lighter only operates with the starter switch at position 'I' or 'II'.*

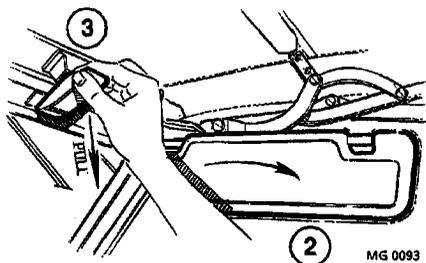
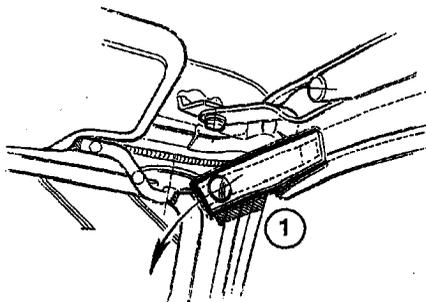
**WARNING:** *Hold the cigar lighter by the handle ONLY. Ashtrays can be fire hazards - DO NOT use for waste paper or other combustible material.*

## **IMPORTANT INFORMATION**

- NEVER open or close the hood when the car is moving, nor drive with the hood partially open, or with the toggle catches unlocked.
- ALWAYS fit the hood cover before driving with the hood open - to protect against accidental injury from the hood folding mechanism.
- Before opening or closing the hood make sure that all obstructions are removed and that passengers are warned to keep clear of any part of the hood while it is moving.
- When driving with the hood open, ALWAYS secure loose objects inside the car to prevent them from being blown out.
- DO NOT allow passengers to sit on the folded hood (even when the car is stationary).
- DO NOT open or close the hood or rear screen when the temperature is below -5°C.
- DO NOT keep the hood folded for longer than one week at a time.
- DO NOT wash the car in an automatic car wash or with high pressure water jets.
- DO NOT attach stickers to the rear screen.

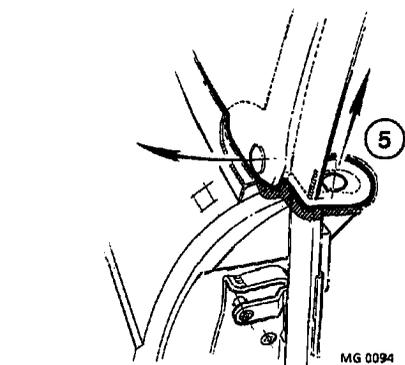
## **CLEANING AND CAR CARE FOR THE HOOD**

The rear screen is susceptible to scratching from the effects of dirt and grit. For this reason it is important to wash the screen frequently and to avoid opening or closing the hood when it is very dirty (see '**Cleaning and Car Care**').



## Releasing the hood

1. Release two hood fasteners from the top of the windscreen pillars.
2. Release and swing aside both sun visors.
3. Release both windscreen frame toggle catches.

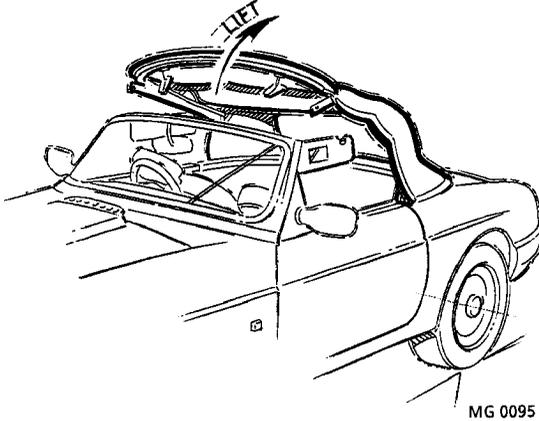


4. Adjust seat backrests to the fully forward position.

5. From outside the vehicle release two fasteners from each body side panel.

## Opening the hood

- Unzip the rear screen and fold down behind the seats, refer to **Opening the rear screen.**
- Lift the front edge and steadily push the hood back towards the rear of the car until it is stowed behind the seats (the hood automatically folds into the correct position)



**WARNING:** For safety **NEVER** open or close the hood when the car is moving.

- Re-position sun visors

## Closing and locking the hood

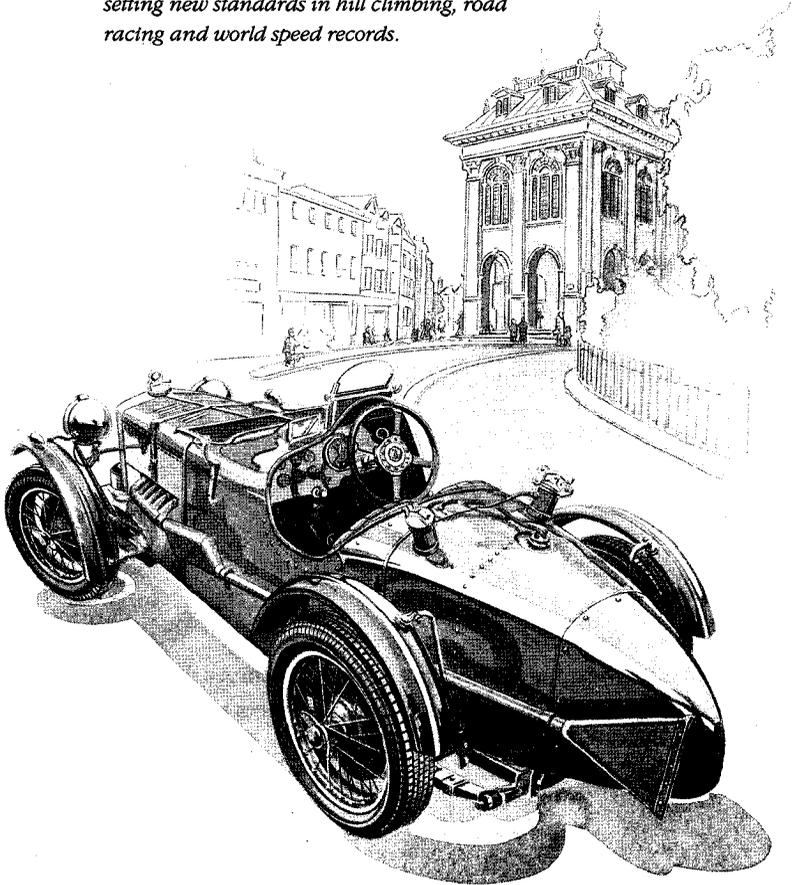
Closing the hood is a reversal of the opening procedure. Ensure that both the toggle catches are correctly secured and that all fasteners are engaged.

### **1933 K3 MAGNETTE**

*The K3 Magnette represents the ultimate pre-war MG racing machine, and one of the most famous of the marque's cars.*

*There were a total of just 33 K3's built between 1932 and 1934, featuring light weight bodywork, pre-selector four speed gearboxes and highly tuned supercharged engines.*

*It achieved countless successes in competition, setting new standards in hill climbing, road racing and world speed records.*



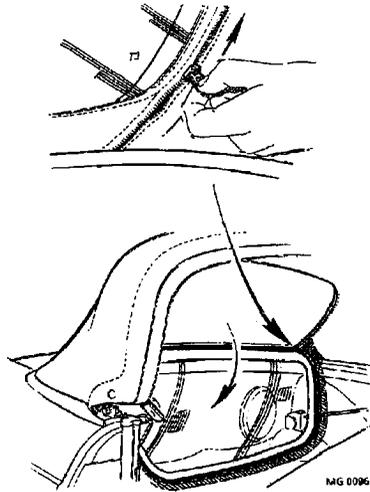
**Engine:** 6 cylinder in-line with overhead camshaft and a displacement of 1087 cc.

**BHP:** 105 to 125 depending on tune.

## Opening the rear screen

To obtain a flow of air through the car when the hood is closed, the rear screen can be unzipped to lie flat in the area behind the seats as follows:

- Relax the roof tension by releasing the hood as described previously.
- From inside the car pull one end of the zip from its location behind the hood lining and unzip. The rear screen can now be lowered into the area behind the seats.
- Secure the hood.

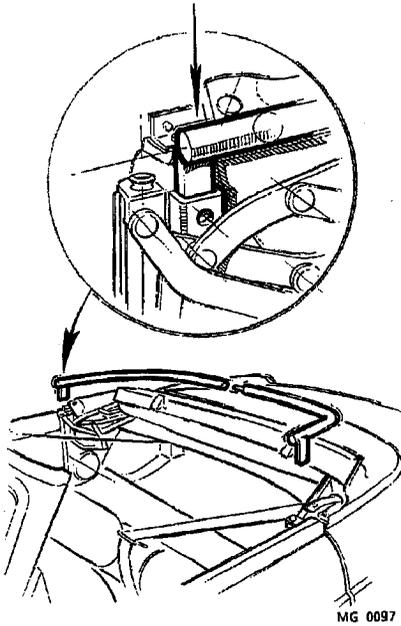


The rear screen is particularly vulnerable to denting and scratching. DO NOT place sharp objects against the screen.

**WARNING: Do not scrape ice off the screen in cold weather.**

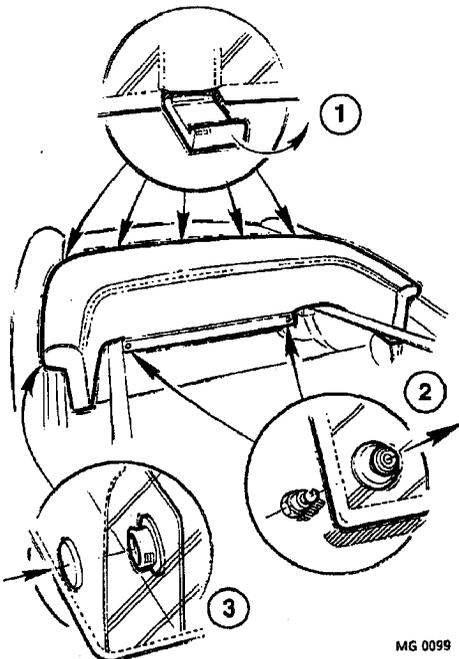
## Fitting the rear screen

Before fitting the rear screen, it is essential to relax the tension of the roof by releasing the hood.



## Fitting the hood cover

Fit the two parts of the hood cover frame together and locate the frame assembly in the body slots (illustrated).

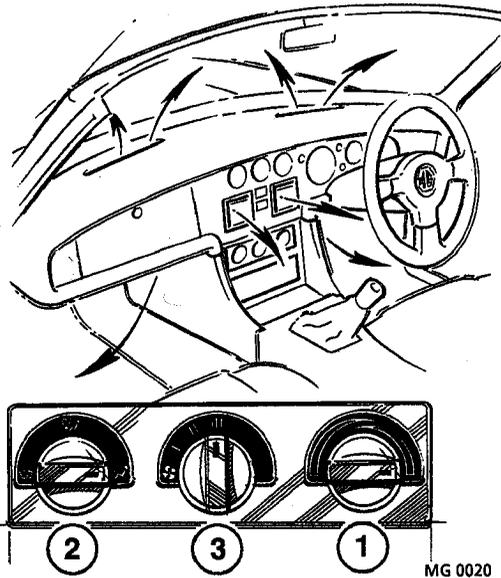


Lay the cover over the folded hood.

1. Engage the 5 clips in the rear of the cover into the slots positioned along the rear edge of the hood.
2. Engage the fasteners positioned on each side of the area behind the seats.  
When unfastening pull on fastener centre to release.
3. Secure the fasteners at the front of the hood cover to the body side panels.

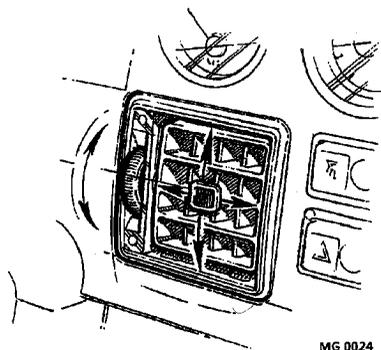
When not in use, place the cover in the bag provided and store in the luggage compartment.

# HEATING & VENTILATION



MG 0020

1. Air Temperature Control  
BLUE: Unheated air  
RED: Heated air
  2. Air Distribution  
**Car:** Air flow from foot level vents only.  
**Screen & Car:** Air flow to foot level vents and windscreen.  
**Demist & Defrost:** Air flow to the windscreen only.
  3. Blower Switch  
☼ - OFF  
'I' - SLOW  
'II' - NORMAL  
'III' - FAST
- NOTE:** Face level vents supply blown fresh air only.



## Face Level Vents

Rotate thumbwheel to open or close vent. Direct the air flow by moving the control in the centre of the vent.

## USING YOUR HEATER

Fresh air enters the heater through the grille in front of the windscreen. Always ensure the grille is kept clear of obstructions (especially snow and ice).

The following examples show three basic heater settings. These are intended as a general guide only, and the air distribution, temperature and blower controls should be further adjusted to suit your individual requirements.

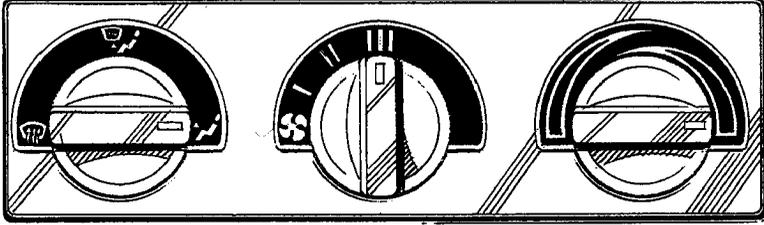
Always remember; with the blower set to , the volume of air entering the car is dependent on driving speed alone, and that **full heating is not available until the engine has reached its normal operating temperature.**

# HEATING & VENTILATION

## Heating

Set the controls as below, with the blower, air distribution and temperature controls further adjusted to suit your requirements.

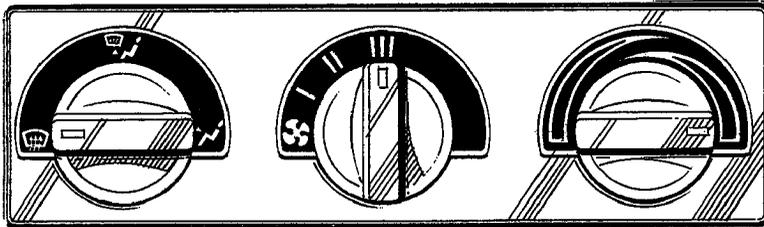
Open the face level vents as required.



MG 0021

## Demist or Defrost Windscreen

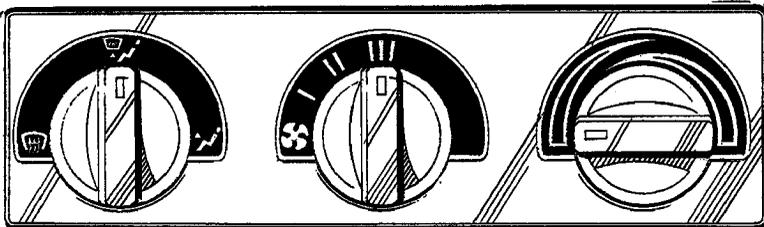
Set the controls as below to obtain the maximum flow of heated air to the windscreen .



MG 0022

## Ventilation

Set the controls as below. Open or shut the face level vents and adjust the blower speed as required.



MG 0023

## SECURITY CODE INFORMATION

To reduce the risk of theft, your radio/cassette and compact disc player is programmed with a four digit security code. Once activated, this code prevents the unit from functioning if it is illegally removed from the vehicle. There are 10,000 different codes - making your radio equipment valueless to a thief unless he has the correct one. In addition, each unit is further protected by a time delay penalty system that effectively defies even the most systematic attempt to break the code:

*If an incorrect code is entered a one minute time delay is imposed before a second code can be attempted. Each time a wrong code is entered the time delay doubles (2 min, 4 min, 8 min, and so on....) making theft a very unattractive proposition.*

On delivery of the vehicle, you were supplied with a security card. This card contains a record of the four digit security code, as well as the unit's unique serial number. The serial number is also stamped into the metal side of the unit and, in the event of theft, would confirm proof of ownership.

It is VERY IMPORTANT that you keep a safe record of both these numbers, and heed the following advice:

- NEVER keep the security card in your vehicle.
- DO stick the security warning stickers where the potential thief is sure to see them but where they will not impede your vision of traffic and pedestrians.

## ACTIVATING THE CODE

Your dealer will have correctly activated the security code before you took delivery of the vehicle. This will be confirmed whenever you switch the radio on by 'CODE' showing **briefly** in the window display.

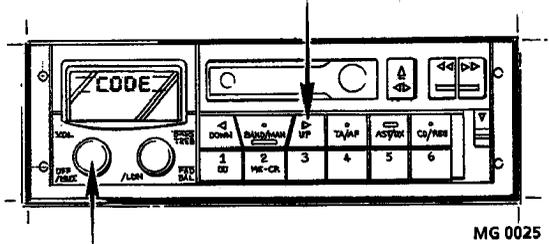
**IMPORTANT:** *If this display is absent, the radio will still work but is not protected by the security code. You should activate the code as follows:*

*Keeping the 'up' tuning button depressed, switch on the radio and wait until a two-tone beep sounds. The code is now activated!*

## Deactivating The Security Code

If the electrical supply is to be disconnected it is advisable to first deactivate the code as follows:

- Depress the 'up' tuning button while you switch on the radio and keep it depressed until the display shows 'CODE'.
- Enter the correct security code using the procedure shown on the following page. When the code is deactivated a two-tone beep will sound.



**NOTE:** Failure to enter the correct code first time is automatically penalised - requiring you to first RE-ENTER the correct code before continuing.

## Visiting Your Dealer

Your dealer may need to know the security code in order to work on your car. **Remember to take the security card with you when you visit!** and ensure the security code has been reactivated when the vehicle is returned to you.

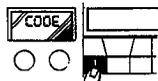
**NOTE:** Deactivating the security code for normal use is NOT recommended!

## 'CODE' EXPLAINED

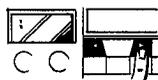
- \* A **permanent** display of 'CODE' indicates that the code is 'lost'. You must re-enter the code as shown below before the radio will work!
- \* A **brief** display of 'CODE' means that the code has been activated. The radio will work normally.
- \* A blank display indicates that the security code has been deactivated and is therefore inoperative. You should activate the code as shown on the previous page.

## RE-ENTERING THE CODE

If the electrical supply has been disconnected without the code first being deactivated, the display will permanently show 'CODE'. The code must be re-entered as follows before the radio will work:



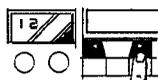
1. Switch on the radio - the code symbol will appear on the display.  
Press pre-set button 1.



2. Press one of the tuning buttons to enter the first digit of the security code.



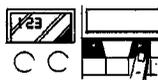
3. Press pre-set button 1 to store the first digit in the unit's memory.



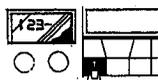
4. Use a tuning button to enter the second digit of the code



5. Press pre-set 1 to store the second digit.



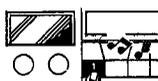
6. Enter the third digit, again using the tuning buttons.



7. Press pre-set button 1 to store the third digit.



8. Select and enter the final digit (the display will now show a full four digit code).



9. Press pre-set button 1 to store the final digit. If the correct code has been entered a two-tone beep will sound (either once or twice), and the radio will operate.

## **I**N-CAR ENTERTAINMENT

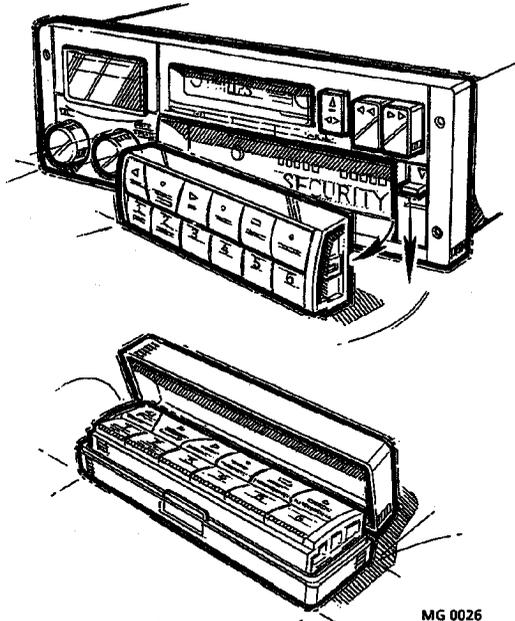
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**NOTE:** *If an incorrect code is entered, a warning sound will be heard and the first time delay period commences. During the delay period, the display will show the word 'WAIT'. Do NOT switch off. At the end of the delay period the word 'CODE' will return and you can then enter another code. Remember; the time delay doubles each time an incorrect code is entered.*

## DETACHABLE KEYBOARD

For added theft protection your radio/cassette and compact disc player has a detachable keyboard.

**ALWAYS TAKE THE KEYBOARD WITH YOU WHEN YOU LEAVE THE CAR.**



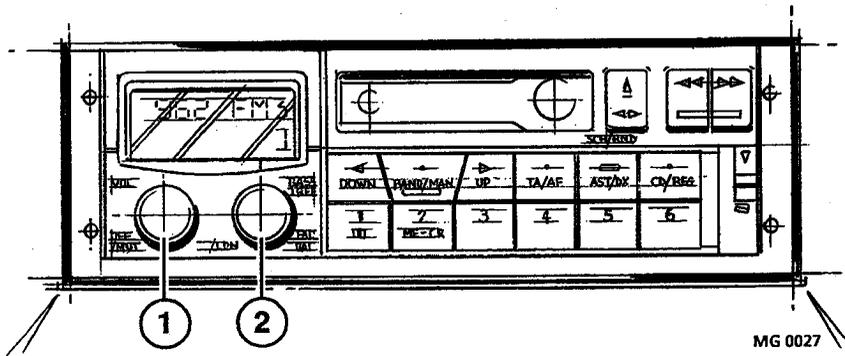
MG 0026

### Removing the keyboard

1. Slide release key downwards.
2. Remove keyboard from player.
3. **ALWAYS** keep the keyboard in its protective case. The case can be found in the glovebox.

### Replacing the keyboard

4. Position keyboard and slide to the left.
5. Press the right hand side fully home.  
*Ensure that the keyboard is locked fully in position.*
6. Press the ON/OFF control to switch on.



## SOUND CONTROLS

### 1. On/off and Volume Control

Push to switch on and off (display illuminates), and rotate to adjust the volume.

**Mute:** Press and hold for 2 seconds. A two-tone beep sounds and the display shows 'MUTE' (or 'PAUSE' in CD player mode). All sound is muted apart from the special traffic information broadcasts. Press and hold for a further 2 seconds to cancel the mute facility.

**Note:** *If you have a car telephone with a mute signal output connected to the radio, the radio will automatically mute when the telephone is in use.*

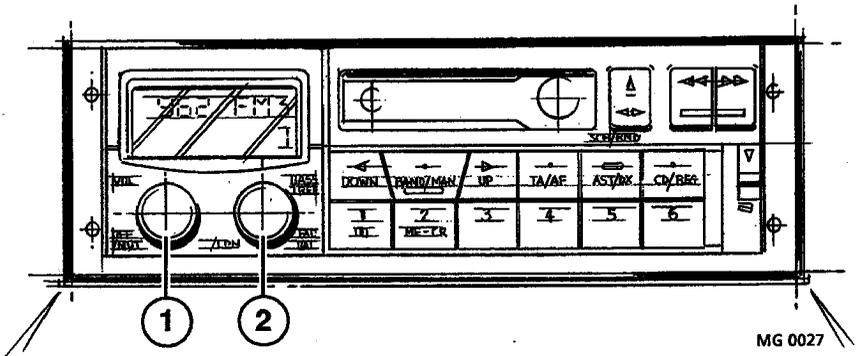
### 2. Bass, Treble, Fader and Balance Control

**Bass:** Press the control once and rotate to left or right to increase or reduce the bass response. The display shows:

- 'BASS - 4' = minimum bass
- 'BASS 0' = normal bass
- 'BASS + 4' = maximum bass

**Treble:** Press the control twice and rotate to left or right to increase or reduce the treble response. The display shows:

- 'TREB - 4' = minimum treble
- 'TREB 0' = normal treble
- 'TREB + 4' = maximum treble



**Fader:** Press the control three times. Rotate to left or right to adjust the balance between front and rear speakers. The display shows:

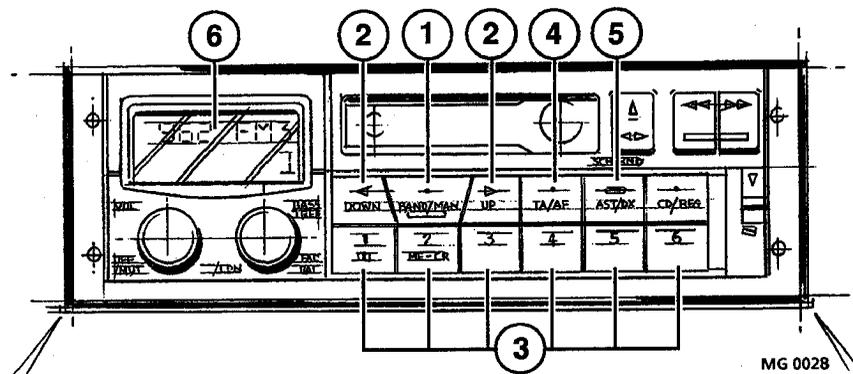
- 'FAD 0 - 9' = max sound from FRONT
- 'FAD 9 - 9' = mid point of equal balance
- 'FAD 9 - 0' = max sound from REAR

**Balance:** Press the control four times and rotate to left or right to adjust the balance between left and right speakers. The display shows:

- 'BAL 0 - 9' = max sound from RIGHT
- 'BAL 9 - 9' = mid point of equal balance
- 'BAL 9 - 0' = max sound from LEFT

**Loudness:** Press the control for a minimum of two seconds. This can be used to increase the high and low notes at low volume settings. The display briefly shows:

- 'LOUD ON' or
- 'LOUD OFF'



## RADIO CONTROLS

### 1. Waveband Selector

Press to select:

FM1, FM2 or FM3,

MW1 or MW2,

LW.

**NOTE:** FM3 and MW2 can use AUTO STORE.

Press for at least two seconds to convert to manual tuning.

### 2. Tuning Buttons

Press either button for tuning (up or down the frequency range).

### 3. Radio Pre-set Buttons (1 - 6)

Use to store up to 18 radio stations on FM, 12 on MW and 6 on LW.

### 4. Traffic Announcements (TA)

Press briefly to obtain traffic announcement broadcasts - FM waveband only.

### RDS Alternative Frequencies (AF)

Press and hold for a minimum of two seconds to activate Radio Data System - FM waveband only.

### 5. Auto store (AST)

Press briefly to start rapid tune operation.

### 6. Digital Display

### **TA MIDGET**

*Over 3,000 models were produced between 1936 and 1939.*

*Replacing the PB series, the TA had a 7ft 10 inch wheelbase, soft suspension, hydraulic brakes and larger engine. The model dominated trials events up until the war.*

*A luxurious drop head coupe version was built towards the end of its production run.*



**Engine:** 4 cylinder OHV, bore/stroke  
63.5 x 102mm, capacity 1292cc.

**BHP:** 52

**Transmission:** Four speed manual.

## **RADIO TUNING**

Your radio is equipped with six pre-set frequency selection buttons (3). These can be programmed to store six radio stations on each wave band. In addition, the special auto store facility enables you to automatically store the strongest transmission signals in your locality in a single operation.

Your radio is equipped with RDS (Radio Data System). When the radio is tuned to the FM waveband the RDS system ensures that you will always receive the strongest possible radio signals wherever you are. In addition, the Traffic announcements facility on the FM waveband enables you to automatically receive any available traffic announcements broadcasts, whether you are listening to radio, cassette tape or compact disc.

These facilities are fully described on the pages that follow.

## **WAVEBAND SELECTION**

### **Waveband Selector Button (1)**

Press to select FM (VHF), MW or LW frequencies. Note that the FM and MW wavebands are duplicated (designated FM1, FM2 and FM3 or MW1 and MW2); this enables three times as many FM and two times as many MW radio stations to be programmed on the six pre-set buttons. Press the waveband selector button six times to reveal the sequence of options available, as follows:

'FM1' for VHF

'FM2' for VHF

'FM3' is used for Auto Store on VHF

'MW1' for medium wave

'MW2' is used for Auto Store on MW

'LW' for long wave

### **AUTOMATIC TUNING**

Select the required waveband, then press one of the tuning buttons (2).

The radio will automatically search through the frequency range (either up or down depending upon which button is pressed) until a radio station is located. The search then stops unless you elect to continue by pressing the tuning button again.

Automatic tuning occurs at different sensitivity levels. Initially the radio searches for strong signals only, but after the whole waveband has been examined, the search automatically switches to a higher level of sensitivity, whereby weaker signals are sought as well. After a delay of approximately 60 seconds, the radio will automatically revert to searching for strong signals once more.

**NOTE:** *Because of the close grouping of local radio stations on the FM waveband, automatic search tuning enables you to quickly tune to the strongest local radio frequency when travelling in any part of the UK.*

*First tune to your own local radio station, then press one of the tuning buttons - the radio will immediately tune to the nearest adequate signal, which is likely to be the local radio station in the area in which you are travelling.*

### **Seek Mode Button**

You can influence the automatic tuning on FM by selecting LOCAL or DX (distant) mode.

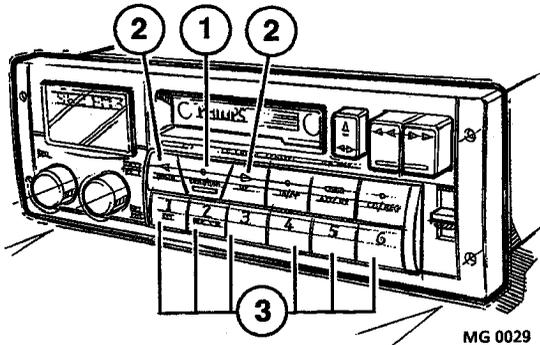
Press the DX key for a minimum of two seconds (a two-tone bleep will sound and the display will briefly show 'DX').

**Local** Searches for strong signals in the area you are currently in.

**DX** Searches for all stations including those with weak signals, which can be received in the area.

## MANUAL TUNING

Use manual tuning when you know the frequency of the radio station you are seeking, or for selecting stations that are too weak to be found by automatic tuning.



To select manual tuning, press and hold the BAND/MAN button (1) for a minimum of two seconds (a two-tone beep sounds). Then, by briefly pressing either tuning button, the frequency will change (either up or down) in steps of 0.05 MHz for FM, or 1 kHz for MW and LW.

### Fast Manual Tuning

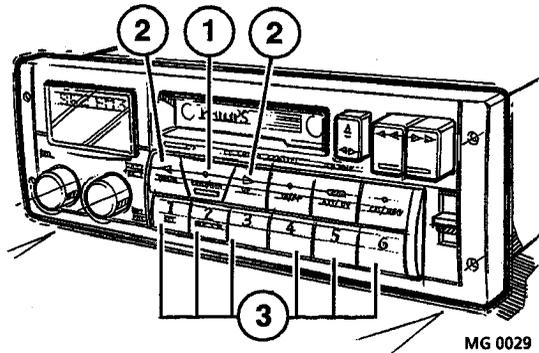
By keeping either tuning button depressed, the waveband will be scanned rapidly (up or down) until the button is released.

Automatic tuning will return if:

- \* the BAND/MAN is pressed for a minimum of two seconds (a two-tone beep sounds).
- \* the tuning buttons are not used for 60 seconds.
- \* the radio is switched off and on again.
- \* one of the waveband selector or pre-set buttons is pressed.

### MONO/STEREO

Whenever the FM waveband is selected, the radio will automatically reproduce stereo sound provided a suitable signal is available. However, if a stereo signal becomes too weak for good reception, the radio will automatically change to mono, and the stereo indicator will disappear from the display. As soon as the stereo signal strengthens, the radio will return to the stereo mode.



### RADIO PRE-SET BUTTONS

The six pre-set buttons (3) can be used to manually store up to 18 radio stations on FM (six on each of FM1, FM2 and FM3) and six each on MW1, MW2 or LW. The pre-sets are programmed as follows:

1. Select the required waveband (FM1, FM2, FM3, MW1, MW2 or LW).
2. Tune to the desired frequency using either automatic or manual tuning.
3. Press and hold one of the pre-set buttons until a two-tone beep sounds (this indicates that the frequency has been stored). The display will show the pre-set number, together with the waveband and frequency (or name) of the radio station you have tuned.

Repeat this procedure to store radio stations on the remaining pre-set buttons on this and the other wavebands.

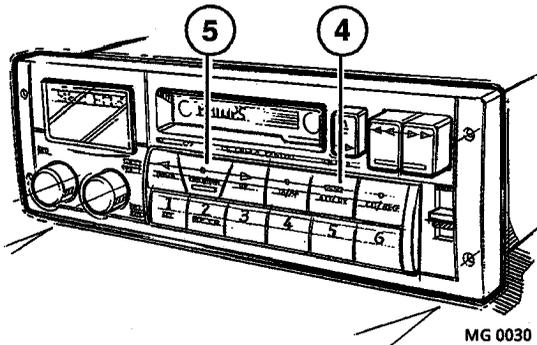
### Operation of the Pre-sets

Once the pre-set buttons have been programmed, operation is simple; select the desired waveband and then press the pre-set button of your choice.

**NOTE:** *The pre-set frequencies will be retained when the starter switch is turned off but will be lost if the battery is disconnected for any length of time.*

## AUTO STORE

Auto store enables you to rapidly tune and store the strongest FM or MW radio signals in a single operation. This facility is particularly useful if you are in an unfamiliar area and have little knowledge of local transmitter frequencies.



MG 0030

### Programming Auto Store

Briefly press the 'AST' button (4), the waveband will automatically revert to the 'AST' station (FM3 or MW2, LW is not available on auto store and attempted selection will provoke an error beep!)

Auto store then quickly scans the waveband to find the six strongest frequencies and automatically stores them on the pre-set buttons in order of signal strength (each time a station is stored the display shows the frequency and relevant pre-set number).

A second two-tone beep indicates that the auto store operation is complete. All 'auto store' frequencies remain stored on the pre-sets until the process is repeated.

**NOTE:** *If auto store is unable to find six strong stations, the remaining pre-set buttons will remain blank (the display showing: '0000 AST').*

**NOTE:** *The traffic announcement facility cannot be stored on the auto store pre-set buttons.*

Repeat the auto store procedure to store the strongest stations on the remaining waveband.

### **Operating Auto Store**

To tune to one of the auto store frequencies, select the appropriate waveband selector (FM3 or MW2) (5), then press the pre-set button of your choice; the frequency or radio station name and pre-set number will appear on the display.

To leave the auto store mode press the waveband selector button.

### **RADIO DATA SYSTEM (RDS)**

Your radio is equipped with RDS (Radio Data System). RDS is progressively being introduced in a number of European countries and operates on the FM waveband only. The system enables the radio to receive other information in addition to radio signals, including:

- \* the programme service name (this enables the set to display the radio station name instead of the frequency).
- \* alternative frequencies for the FM radio station being received (this enables the set to automatically select the strongest signal, thereby maintaining the best possible reception).
- \* a traffic announcement system (this enables the set to give priority to traffic announcement broadcasts).
- \* information from other radio networks.

### **Receiving RDS Stations**

Whenever an RDS radio station is received, the 'AF' indicator and radio station name illuminate in the display. The set constantly scans all alternative frequencies on which that station can be received, and automatically switches to the strongest signal it can find.

This is particularly useful on long journeys when the car may travel through several different transmitter areas which serve the same radio station.

### Switching RDS 'On' and 'Off'

The radio is automatically in the RDS mode whenever the FM waveband is selected.

To cancel RDS and prevent the radio from automatically retuning to the strongest alternative frequency, press the TA/AF button (6) for a minimum of two seconds (the display briefly shows the radio station frequency, and the 'AF' indicator disappears from the display).

To restore automatic retuning, press the TA/AF button for a minimum of two seconds a second time (the 'AF' indicator returns to the display).

### ***If the 'AF' indicator starts to flash when a radio station name is displayed:***

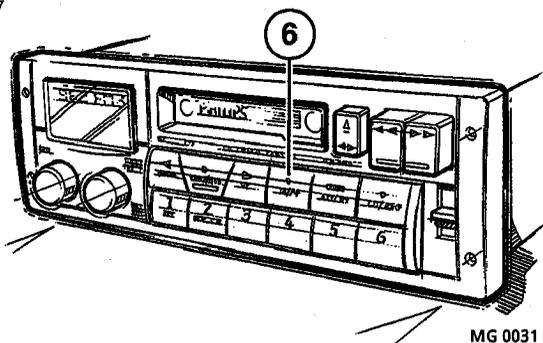
This indicates that the RDS signal is weak.

### ***If the 'AF' indicator starts to flash when a frequency is displayed:***

This indicates that the station received is not linked to the RDS network (After 2 minutes the 'AF' indicator will stop flashing).

### ***If the display shows 'SEARCH' alternately with the radio station name:***

This indicates that the vehicle is outside the reception area for that station. The set will search for the last tuned station, or the last tuned frequency



MG 0031

**NOTE:** *The RDS facility will automatically be included when FM stations are programmed onto the pre-set buttons. If RDS is not required, it must be switched off (by pressing the TA/AF button) immediately prior to each pre-set being programmed.*

### **Local Radio Stations**

Reception of most local radio stations is intentionally limited to a comparatively small area around the transmitter.

Once the limit of the reception range is reached, it is unlikely that the RDS facility on your radio will be able to locate an alternative frequency for the local radio station being received. Instead, RDS is able to automatically locate, and tune to, the nearest alternative local radio station.

You have the option to enable or inhibit this process, as follows:

**'REG ON':** Press and HOLD the CD/REG button for at least two seconds (a two-tone beep sounds and the display briefly shows 'REG ON'). This effectively overrides the RDS facility and prevents the radio from automatically tuning to a different local radio station (enabling you to continue listening to the existing local radio station even though reception is poor).

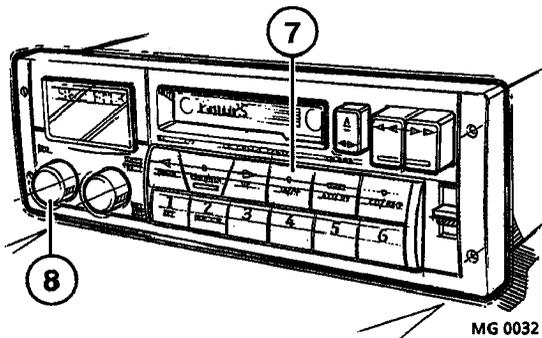
**'REG OFF':** Press and HOLD the CD/REG button (the display briefly shows 'REG OFF' accompanied by a two-tone beep). This enables the RDS facility to operate as normal and retune to a different local radio station (with a stronger signal).

**NOTE:** *Either state can be included or inhibited when RDS stations are programmed onto the pre-set buttons.*

## TRAFFIC ANNOUNCEMENTS

On the FM waveband, your radio is able to identify radio stations that broadcast traffic announcements on the RDS network, as follows:

- \* The 'TP' (traffic programme) indicator automatically illuminates on the display whenever the radio is tuned to a station that broadcasts traffic announcements.
- \* The 'TP-EON' (traffic programme - enhanced other networks) indicator automatically illuminates on the display when the radio is tuned to a station that, while not necessarily broadcasting traffic announcements itself, is linked to a network of other radio stations that do.



### Tuning in to Traffic Announcements

1. Select an FM waveband and BRIEFLY press the TA/AF button (7) - the 'TA' indicator illuminates.
2. If the radio is already tuned to a station that broadcasts traffic announcements, the 'TP' or 'TP-EON' indicators also illuminate. Any available traffic announcement will then automatically be broadcast as and when it occurs (even if you are listening to cassette tapes or compact discs!).

If the radio is NOT already tuned to a traffic information station, a warning tone sounds, the radio mutes and immediately searches for a station that does broadcast traffic announcements.

**NOTE:** *When the traffic announcements mode is active, automatic tuning will search only for radio stations that broadcast traffic information.*

In more remote areas of the UK, it may be impossible to locate a traffic announcements station. However, your radio will continue searching for one (interrupted by warning bleeps), and if this occurs, you are advised to switch off the traffic announcements mode.

When 'traffic announcements' is switched on (TA indicator illuminated), occasional, and very brief, muting of the radio programme may occur while the radio searches for traffic announcements broadcasts. For this reason, it is recommended that the traffic announcements mode is switched off when not required.

**NOTE:** *It is also recommended that you ensure the traffic announcements mode is switched off when the FM pre-set buttons are programmed.*

### **Switching off Traffic Announcements**

To switch off the traffic announcements mode, briefly press the TA/AF button (the 'TA' indicator disappears from the display).

### **Receiving ONLY Traffic Announcements**

With the radio tuned to a traffic announcements station ('TA' and 'TP' indicators illuminated), press and hold the VOL button (8) until a two-tone beep sounds. The display shows 'MUTE' and the radio remains silent until a traffic announcements broadcast is received. During traffic announcements broadcasts the display will indicate which radio station the set has tuned to.

To restore normal radio reception, cancel the MUTE facility by pressing the button a second time until the display changes.

### **Receiving Traffic Announcements During Tape or Compact Disc Play**

When the radio is in the traffic announcements mode ('TA' and 'TP' or 'TP-EON' indicators illuminated), tape or compact disc play will be interrupted by traffic announcement broadcasts as and when they occur.

During traffic announcements the display will alternately indicate the radio station name with the word 'INFO'.

### **Enhanced Other Networks (EON)**

EON is a service whereby a number of different radio stations are linked together in a single network. If your radio is tuned to a station in the network that does not broadcast traffic information, then once the TA button is pressed, the set will broadcast any available traffic information from other transmitters in the network.

**NOTE:** *If any of the radio stations stored on the pre-set buttons are in the EON network then, provided the set is tuned to an EON station, the radio automatically updates their frequencies during your journey.*

### **RADIO WAVEBANDS AND FREQUENCIES**

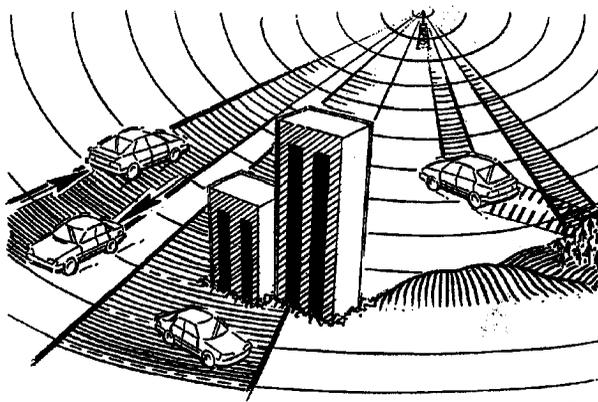
#### **RECEPTION QUALITY**

Weak or distorted reception is often attributed to a fault in the radio. This is rarely the case!

**Please Remember:** A car radio receives signals while the vehicle is in motion - constantly changing direction and moving further away from, or nearer to, the transmitter and also negotiating terrain with widely differing reception characteristics.

## RECEPTION QUALITY

- FM transmitters broadcast over a limited range, and good signals will only be received in the immediate area of the transmitter.
- The broadcast range for good stereo reception - usually within a 30 to 40 mile radius of the transmitter - is noticeably less than for mono.
- FM signals behave like light waves and travel in a nearly straight line. Obstacles such as tall buildings can sometimes shield a vehicle from the signal causing distortion or even complete loss of reception.
- Distortion can also occur if FM signals received directly from the transmitter mix with signals reflected by mountains or buildings.
- Use of the mono/stereo switch can sometimes reduce excessive background noise.
- The quality of LW and MW reception is usually better during daylight hours.



MG 0033

## BBC National Radio

FM frequencies for BBC National radio stations vary from region to region depending on the transmitter area. Because of this, frequencies are shown as a range; tune to the lowest frequency, then use the automatic search or manual tuning facility to find the best reception within the range.

If a MW or LW frequency is shown without a specific town or area reference, it can be received throughout the United Kingdom.

## Local Radio

The range of local radio transmitters varies considerably according to the terrain, but is usually no more than 50 miles, irrespective of frequency.

There are now over 100 local radio stations covering most of the United Kingdom. A few stations broadcast on AM frequencies only, but the majority, whether Independent or BBC Local Radio stations, broadcast on FM frequencies grouped together within two fairly small segments of the wave band:

94.6 - 97.6 MHz

102.0 - 105.0 MHz

Searching for FM local radio frequencies, either manually or by electronic means is, thereby, comparatively easy.

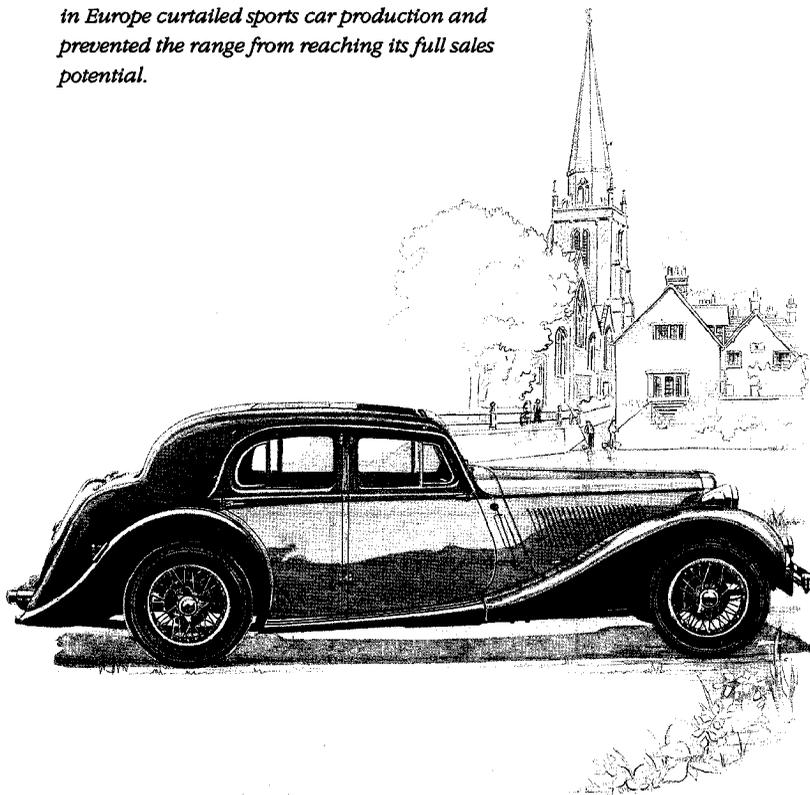
## BBC NATIONAL RADIO FREQUENCIES

FM (VHF)		
Radio	MHz	Area
1	97.6 - 99.8	UK
2	88.0 - 90.2	UK
3	90.2 - 92.4	UK
4	92.4 - 95.8	UK
Scotland	92.5 - 99.3	Scotland
Ulster	93.0 - 95.4	N Ireland
Cymru	92.5 - 96.8	Wales

### **SA SALOON**

*The SA saloon satisfied the pre-war demand for inexpensive, luxury, sports saloons and was MG's head on competitor with the SS Jaguar.*

*Launched in 1936, the SA was based on the the Wolseley Super Six chassis and internals, beneath an attractive, 'sporty', exterior. The following year a smaller version (the VA) was introduced and this was followed by the larger WA saloon in 1938. Sadly, the outbreak of war in Europe curtailed sports car production and prevented the range from reaching its full sales potential.*



**Engine:** 6 cylinder in-line with pushrod operated valves and a displacement of 2288 cc (2322 cc for later models).

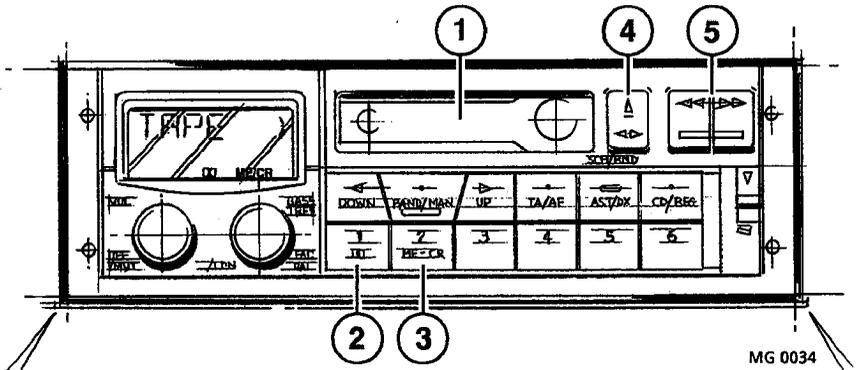
**Compression ratio:** 6.5:1

**BHP:** 75

# I N-CAR ENTERTAINMENT

Additional FM frequencies for the Channel Islands		
Radio 2	Radio 3	Radio 4
91.1	94.8	97.1

MW (LW in brackets)		
Radio	kHz	Area
1	1053 1089 1485 1107	Bournemouth Wallasey
3	1215 1197 1197 1197 1197	Enniskillen Bournemouth Cambridge Torbay
4	(198) 603 720 720 720 756 774 774 1485 1449	Newcastle Londonderry Lisnagarvey London Redruth Enniskillen Plymouth Carlisle Aberdeen
5	693 909	
Scotland	810 585 990	Scotland Dumfries Aberdeen
Ulster	1341 792 873	N Ireland Londonderry Enniskillen
Cymru	882 657 1125	Wales Wrexham Llandrindod



## CASSETTE PLAYER CONTROLS

### 1. Cassette Compartment

Insert the tape with the open side to the right and push fully in until the eject button springs out. The radio mutes and tape play starts immediately, the word 'TAPE' and an arrow (indicating the direction of play) appear in the display.

*Note: At the end of either side of the tape, play will automatically continue in the opposite direction (an arrow shows in the digital display to indicate direction of play).*

### 2. Dolby B Noise Reduction Switch\*

Press when playing tapes recorded using the Dolby B NR system (the display shows the dolby 'DD' symbol).

### 3. Metal/Chromium Cassette Selector

Press when playing a Metal or Chromium cassette tape (the display shows 'ME/CR'). Press again to change back to a Ferro cassette tape.

### 4. Cassette Eject and Reverse Button

Push the button fully in to eject the tape, or half way in to reverse the direction of play.

### 5. Rewind & Fast Forward Wind Buttons

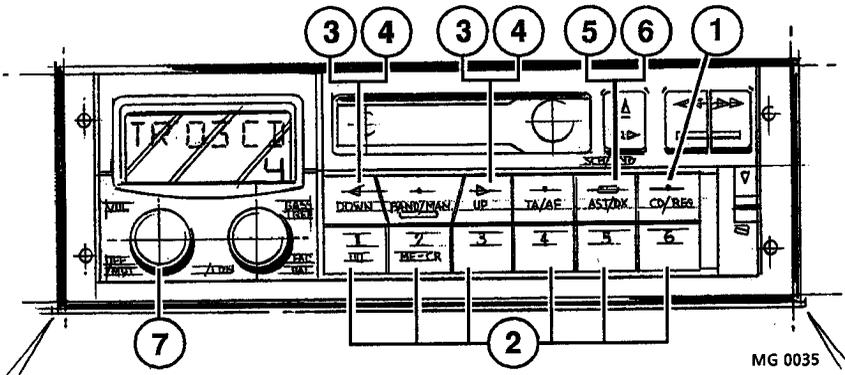
To rewind, press the button opposite to the direction of the arrow appearing in the display during tape play. To forward wind, press the button corresponding to the direction of the arrow in the display during tape play.

# IN-CAR ENTERTAINMENT

During tape winding, the radio operates and 'FAST' shows in the display. To stop tape winding, half press the remaining (unlocked) button. Tape play will automatically resume.

**Note:** Whenever the end of a tape is reached, the cassette player will automatically stop winding, reverse direction and start playing in the opposite direction (on the other side of the tape).

\* Noise reduction manufactured under license. 'Dolby' and the 'DD' symbol are trade marks of Dolby Laboratories Licensing Corporation.



## COMPACT DISC PLAYER CONTROLS

### 1. CD Selector

Press briefly to select CD player mode (the display reads 'CD CHANGE').

If no CD player is fitted and CD mode is selected, the radio will continue in its current mode.

Once the CD mode is selected, playback starts from the point on the disc at which you last stopped, or from the beginning of the first disc if the magazine is newly inserted. The display shows the track number ('TR 01') and the disc number ('CD 1').

At the end of each disc, playback automatically continues with the next disc (skipping any missing discs if less than six have been loaded in the magazine).

### 2. Disc Selection Buttons 1-6

Press one of the pre-set keys 1-6 to select the desired disc. If an empty compartment is inadvertently requested, the display shows 'NO DISC' and the CD player automatically locates the next available disc.

### 3. Track Selection Buttons

Briefly press the 'up' or 'down' button to either advance to the next track, or return to the start of the current track.

Press either button repeatedly to move forward or back through several tracks at a time (also see 'Random Play Button').

### 4. Fast Forward/backward

To quickly move to another part of the disc during playback, press the 'UP' key or 'DOWN' key for a minimum of two seconds. Playback resumes when the key is released.

### 5. Scanning Button

Briefly press the (SCN/RND) button, each track is played for 10 seconds (the display shows 'SC'). When all the tracks have been scanned, scan continues from the first disc until the function is switched off by pressing the SCN/RND button for a second time.

### 6. Random Play Button

Press the (SCN/RND) button for at least two seconds, each track on the selected disc will be played in a random order (the display shows 'RD'). When all the tracks have been played, random selection continues on the remaining discs until the function is switched off by pressing the RND button for a second time.

With random play selected, the functions of the track selection buttons operate as follows: Press the 'up' button to advance to the next randomly chosen track, and press the 'down' button to return to the start of the current track.

### 7. Mute Button

Press and hold for 2 seconds. A two-tone beep sounds and the display shows 'CD PAUSE'. All sound is muted apart from the special traffic information radio broadcasts. Press briefly a second time to cancel the mute facility.

### **Digital Display Information**

'NO MAG' indicates that the magazine is empty or that the magazine has not been inserted in the CD changer.

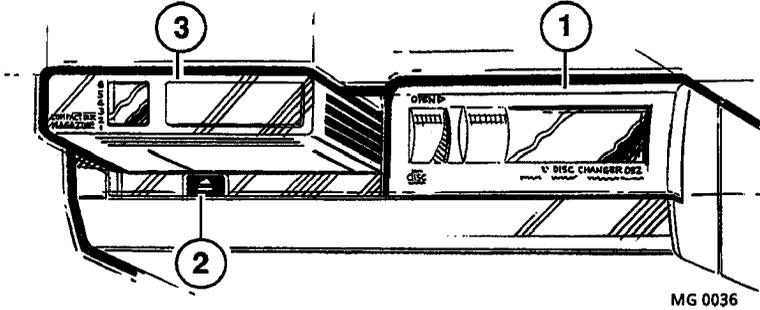
'NO DISC' indicates that a disc has been inserted the wrong way up.

'CD ERROR' indicates that either a damaged disc has been inserted in the magazine or that a disc has been inserted the wrong way up. If the message persists, switch the set off and then on again.

## COMPACT DISC CHANGER UNIT

### 1. Sliding Cover

Open cover to insert or remove the magazine. Keep closed at other times to prevent dust and dirt from entering the changer unit.



### 2. Eject Button

Press to eject the magazine, will only work with the radio switched on.

### 3. Magazine

Insert the magazine in the direction of the arrow marked on the magazine cover (with the white disc levers towards the bottom of the changer) and push the magazine fully into the changer unit.

### Loading The Magazine With Discs

Holding the magazine with the arrow pointing upwards (as shown), insert each disc into the magazine with the label side facing you. Be sure to hold **ONLY** the edge or centre hole of the disc, and only insert one disc in each compartment.

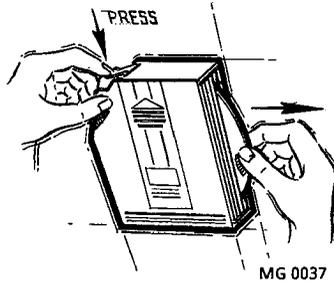
If you require to play 8 cm singles, use a CD single adapter. Ensure the disc fits securely into the adapter to avoid any possibility of it coming loose and blocking the auto changer.

**NOTE:** *Additional magazines can be obtained from a dealer.*

## Unloading

Again, holding the magazine as shown, press down the appropriate white disc lever. The disc in that compartment will partially eject and can then be pulled out by hand. Unload one disc at a time and handle ONLY the edge or centre of the disc.

**WARNING:** The CD changer should not be used in temperatures outside the range  $-10^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$ . The CD changer should only be used in the manner described - any other application or method of use could result in the user being exposed to invisible laser radiation exceeding the limit of laser class I.



## CARE OF CASSETTE PLAYER AND CASSETTES

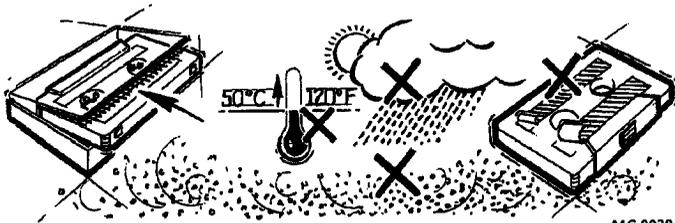
Use only good quality tapes with a maximum capacity of C90. Before playing, tap the cassette against the palm of your hand to ensure the tape lays correctly. Check that both spools rotate freely, and remove any loose turns at the start of the tape by winding one spool with a pen or pencil.

In use the tape head will accumulate dust and contamination - gradually impairing sound reproduction and, in extreme cases, reducing volume too. To combat contamination, the tape head should be cleaned periodically (approx after every 20 hours playing time) by passing a wet type cleaning cassette through the player. In winter, more frequent cleaning is required because the bonding of contamination to the tape is affected by low temperature and increased humidity.

**NOTE:** *For cassette players with auto reverse the cleaning cassette must be 'played' in both directions. Also remember; the use of good quality cassettes will keep the build-up of contamination to a minimum.*

**NOTE:** *After continuous playing, cassettes may become hot to touch. This will not harm good quality tape.*

- \* Always remove cassettes from the player when not in use, and store them in their boxes.
- \* Never leave cassettes in the car during extremes of temperature.
- \* Fast forward or rewind tapes every 8 to 10 plays to prevent them from becoming too tightly wound.
- \* Ensure that labels attached to the cassette are glued firmly in place.



MG 0038

## CARING FOR COMPACT DISCS

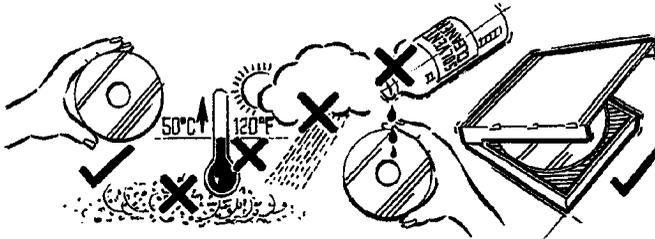
Dirt, dust, condensation and heat can damage discs. Observe the following precautions:

**NEVER** touch the horizontal playing surface (the unlabelled side) of a disc. Handle discs by holding the outer edges, or the edge of the central hole and the outer edge, between finger and thumb.

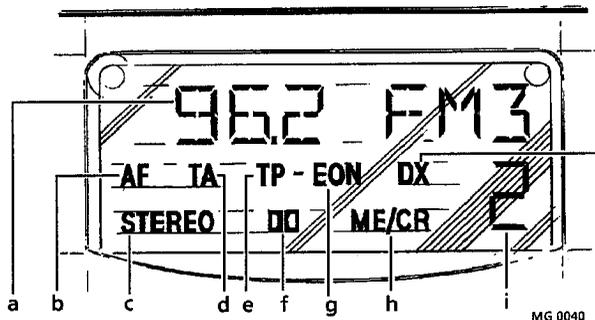
**ALWAYS** return discs to their boxes after use (dirt detracts from the sound quality).

**NEVER** leave the disc or the box exposed to excessive heat or direct sunlight!

**NEVER** use a solvent or abrasive cleaner! Dust or dirt should be removed from the playing surface by wiping with a clean, dry, lint-free cloth - always wipe in a straight line from the centre to the edge of the disc!



MG 0039



## DIGITAL DISPLAY

The digital display highlights the functions of the radio and cassette player during use:

- a. The main display area indicates the following:

### ***During radio reception:***

The frequency, waveband (FM1, FM2, FM3, MW1, MW2, LW) or radio station name.

### ***During tape play:***

The word 'TAPE' to indicate tape play, or 'FAST', to indicate tape winding, together with an arrow showing the direction of play.

### ***During compact disc play:***

The track number ('TR 01') and compact disc number ('CD 1'). In addition, any of the following words may be displayed to indicate the status of the CD changer:

'CD MODE', 'CD CHANGE', 'CD PAUSE'

'NO DISC', 'NO MAG', or 'CD ERROR'.

- b. RDS alternative frequency (AF) indicator (illuminates when RDS mode is selected - FM waveband only).
- c. Stereo indicator (FM waveband only).
- d. Traffic announcement (TA) indicator (illuminates when the traffic information mode is selected - FM waveband only).
- e. Traffic programme (TP) indicator (illuminates when the radio is tuned to a station, or a network of stations, that broadcast traffic information).

## **I**N-CAR ENTERTAINMENT

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- f. Dolby B noise reduction indicator (cassette play only).
- g. Enhanced other networks (EON) indicator (illuminates when the radio is tuned to a station that is included in a network of radio stations).
- h. Metal/chromium tape indicator (cassette playback only).
- i. Radio pre-set number (1 - 6).
- j. Seek mode indicator (illuminates when AUTO STORE searches for weaker signals).

**IMPORTANT:** *If the words 'WAIT' or 'CODE' appear in the display, an incorrect security code has been entered or the power supply has been interrupted.*

**WARNING:** *DO NOT push or rub the window. This will damage the display!*

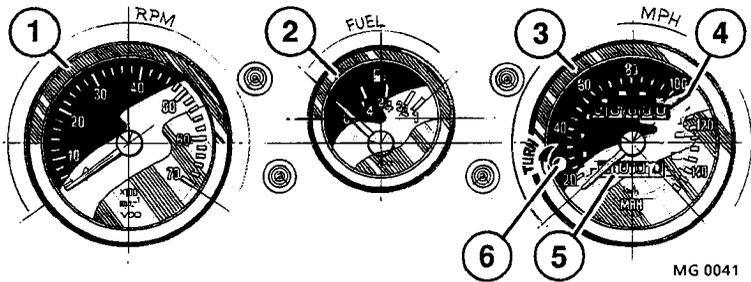
## INSTRUMENTS

### 1. Tachometer

Indicates engine speed in revolutions per minute. The maximum continuous safe speed is 5600 rev/min.

### 2. Fuel Gauge

The pointer indicates the fuel level when the starter switch is turned to position 'II'.



**WARNING: NEVER allow the car to run out of fuel (the resultant misfire may destroy the catalytic converters).**

### 3. Speedometer

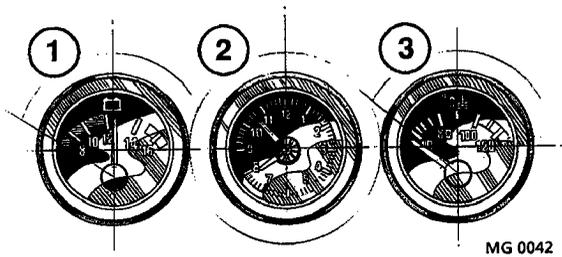
### 4. Total Distance Recorder

### 5. Trip Recorder

Records individual journey distances.

### 6. Trip Recorder Reset Button

Turn clockwise to return trip recorder to zero.



MG 0042

## INSTRUMENTS

### 1. Voltmeter

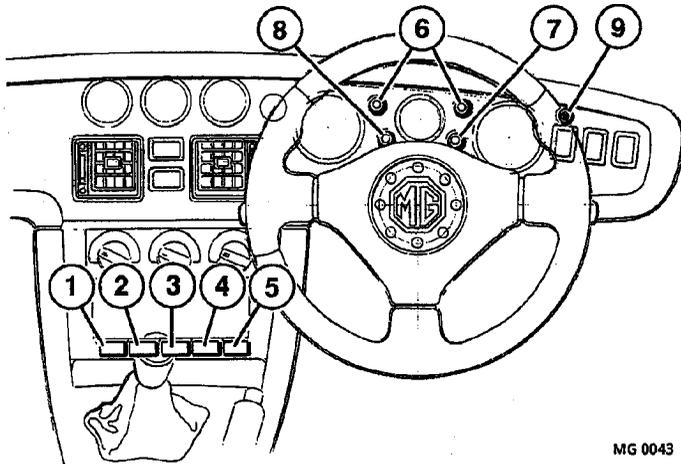
With the engine running the gauge should indicate approximately 14 Volts. With the engine switched off, but with the ignition, headlamps and other electrical equipment on the gauge should register approximately 12 Volts.

### 2. Clock

For details on the clock see '**Interior Equipment**'.

### 3. Temperature Gauge

Once the engine coolant has reached its normal operating temperature, the pointer should remain between the **80°** (cold) and **100°** (hot) segments. If the pointer enters the HOT segment, seek qualified assistance as soon as possible.



MG 0043

## WARNING LIGHTS



### 1. HANDBRAKE

The light should extinguish when the handbrake is fully released or 2 – 3 seconds after the electrical circuits are switched on.



### 2. BRAKE FLUID

The light should extinguish when the handbrake is fully released or 2 – 3 seconds after the electrical circuits are switched on. If the light illuminates whilst driving, a fault in the brake system is indicated. Seek qualified assistance urgently. For details on brake fluid warning bulb test see 'Brakes'

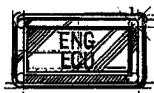


### 3. HAZARD



### 4. OIL PRESSURE

The light should extinguish when the engine is started. If the light remains on or illuminates whilst driving, STOP IMMEDIATELY and switch off the engine, seek qualified assistance.



## **5. ENGINE ECU**

If at any time the light illuminates and remains on, a fault is indicated - avoid driving at high speeds and seek qualified assistance urgently.

## **6. DIRECTION INDICATORS**

## **7. NO CHARGE**

The light extinguishes when the engine is running. If it remains on, or illuminates whilst driving, a fault is indicated. Seek qualified assistance urgently.

## **8. HEADLIGHT MAIN BEAM**

Illuminates when the headlights are on main beam.

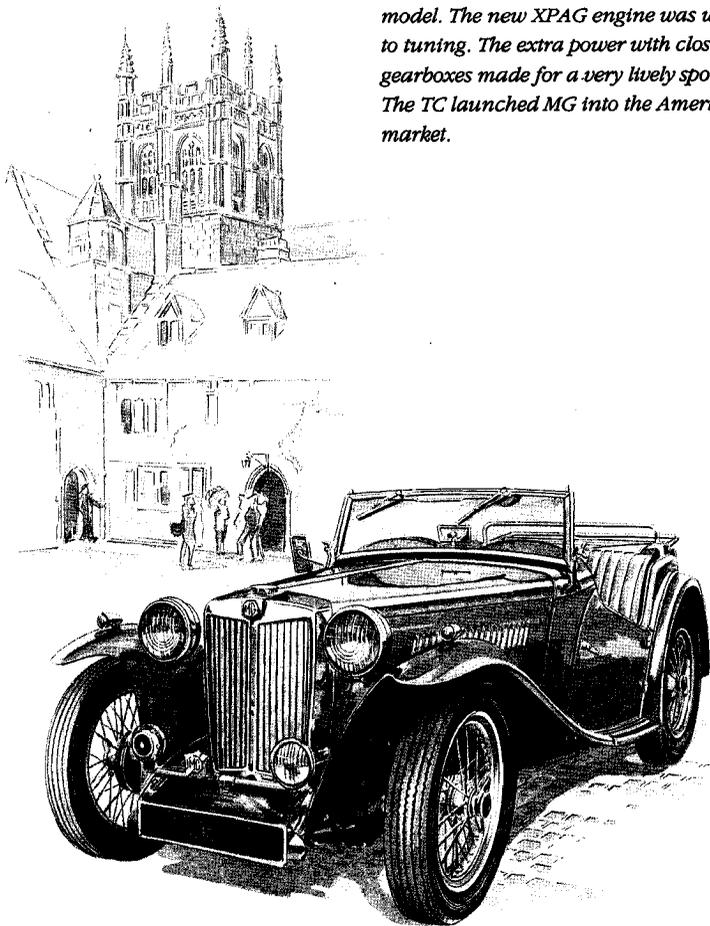
## **9. ALARM INDICATOR LIGHT**

The warning light flashes, indicating that the anti-theft alarm system has been activated.

### **TC MIDGET**

*Over 10,000 models were produced between 1945 and 1949.*

*This was Abingdon's first 'mass-produced' model. The new XPAG engine was well suited to tuning. The extra power with close ratio gearboxes made for a very lively sports car. The TC launched MG into the American market.*



**Engine:** 4 cylinder, bore/stroke 66.5 x 90 mm, capacity 1250 cc.

**BHP:** 54

**Transmission:** Four speed manual.

## STARTER SWITCH & STEERING LOCK

The combined switch uses the following sequence of key positions to operate the steering lock, electrical circuits and starter motor:

### 'O' - Locked Position

Electrical circuits switched off, steering locked and CD magazine can be ejected.

### 'I' - Steering Unlocked

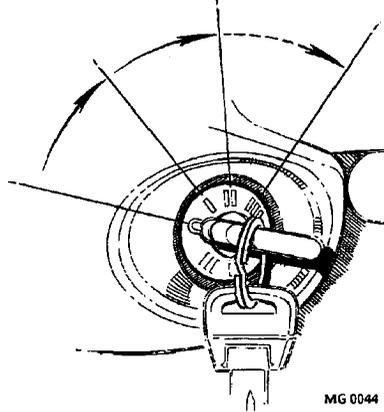
The radio/cassette player can now be operated.

### 'II' - Electrical Circuits On

All instruments, gauges, warning lights and electrical circuits are now operational, luggage compartment release can be activated.

### 'III' - Starter Motor Operates

Release the key as soon as the engine starts (the key will automatically return to position 'II').



## STEERING LOCK

### ***To unlock the steering:***

Insert the key FULLY and turn to position 'I'

- slight movement of the wheel will assist in disengaging the lock.

### ***To lock the steering:***

Turn the key to position 'O', withdraw the key and turn the steering wheel slightly until the lock engages.

**WARNING:** *Once the lock is engaged, it is impossible to steer the car. DO NOT remove the key or turn the switch to position 'O' while the car is in motion!*

**WARNING:**

**YOUR CAR IS EQUIPPED WITH  
TWIN CATALYTIC CONVERTERS**

*Catalytic converters are easily damaged through improper use, particularly if the wrong fuel is used, or if an engine misfire occurs.*

*Before starting the engine ENSURE you are familiar with the precautions shown below and under 'Catalytic Converter'.*

**WARNING!**

*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.*

## STARTING THE ENGINE

1. Check that the handbrake is on and that the gear lever is in neutral.
2. Switch off all electrical equipment.
3. Turn the starter switch to position 'III' and release the key as soon as the engine has started.

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, DO NOT switch off. Wait for 30 seconds before trying again.

**NOTE:** *In freezing conditions, or when the battery is in a low state of charge, depress the clutch before starting and hold it down until the engine is running.*

## **Warming Up**

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

## **Starting a Warm Engine**

Under certain conditions, usually when underbonnet temperatures are high, a warm engine may not start readily, or may run erratically immediately after starting. This is caused by fuel vaporisation and is only likely to occur when an already warm engine has been left standing for a short period.

In these circumstances, half depress the accelerator pedal while starting. Once the engine has started, gradually release the accelerator pedal until the engine is running smoothly, before driving the car.

## **What to do if the engine fails to start or starts but will not continue running:**

- Depress the accelerator pedal half way while operating the starter and release the accelerator as soon as the engine fires.
- Under no circumstances should the accelerator be pumped if a misfire is suspected.

DO NOT operate the starter for more than 15 seconds at a time.

If the engine fails to start DO NOT switch off. Wait for 30 seconds before trying again.

## **FUEL ECONOMY**

To obtain the best fuel economy your car must be maintained in accordance with the manufacturer's recommendations.

Items such as tyre pressures and grade of engine oil can also have a significant effect on fuel consumption. Above all, the way in which you drive is most important. The following hints may help you to obtain even better value from your motoring:

- Accelerate smoothly and avoid fast starts.
- Do not drive in low gears longer than necessary.
- Anticipate obstructions, and adjust your speed and braking well in advance.
- Avoid short start-stop journeys.
- Ensure tyre pressures are correct.

**Always Remember; Driving Gently Saves Fuel!**

## VEHICLE TOWING

**WARNING: DO NOT tow with this vehicle.**

## VEHICLE RECOVERY

The safest method of recovering your vehicle is on a flat-bed trailer where all four wheels are off the ground.

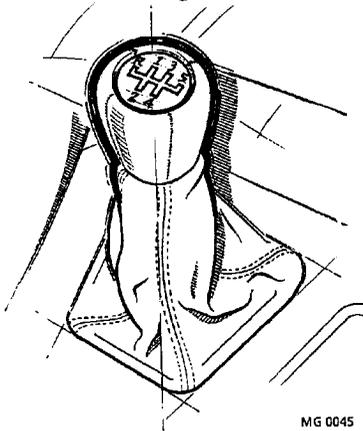
If the only method of moving the vehicle is by towing, it should be with the front wheels lifted off the ground. The propeller shaft linking the rear axle to the gearbox must first be disconnected or damage may occur.

The vehicle **MUST NOT** be towed using a rope or chain, the car's suspension, bodywork and gearbox will be seriously damaged.

## GEARBOX

The gear positions are indicated on the gear lever knob.

Synchromesh engagement is provided on all forward gears, and in the neutral position the gear lever is spring loaded to rest naturally between 3rd and 4th gears.



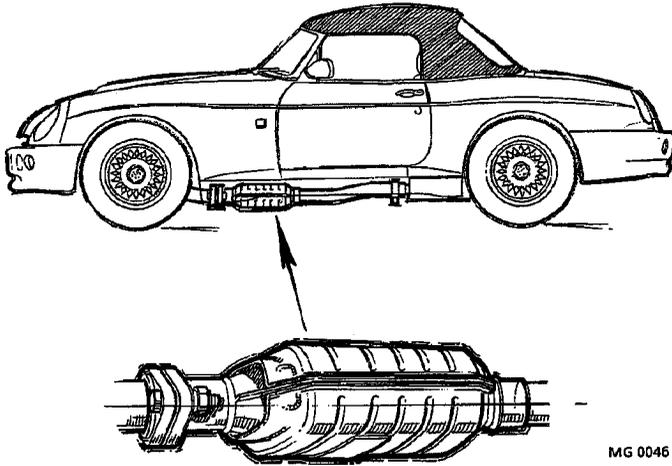
**Reverse gear:** To select reverse gear, ensure the vehicle is stationary, fully depress the clutch pedal and pause briefly before moving the gear into position.

DO NOT rest your hand on the gear lever whilst driving; pressure transmitted from your hand may cause premature wear to the gear selector mechanism.

DO NOT rest your foot on the clutch pedal whilst driving - this causes rapid wear to the clutch.

# CATALYTIC CONVERTER

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The exhaust system on your car incorporates twin catalytic converters, which convert poisonous exhaust emissions from the engine into environmentally less harmful gases, thereby reducing atmospheric pollution.

The catalytic converters can be easily damaged through improper use, particularly if the wrong fuel is used, or if an engine misfire occurs. For this reason it is **VERY IMPORTANT** that you heed the following precautions:

***Filling up with Fuel:***

- ONLY use unleaded petrol (leaded fuel will destroy the catalysts).

***Starting the Engine:***

- DO NOT continue operating the starter if the engine fails to start - seek qualified assistance.
- When starting a COLD engine, DO NOT drive the car if a misfire is suspected - seek qualified assistance.

## CATALYTIC CONVERTER

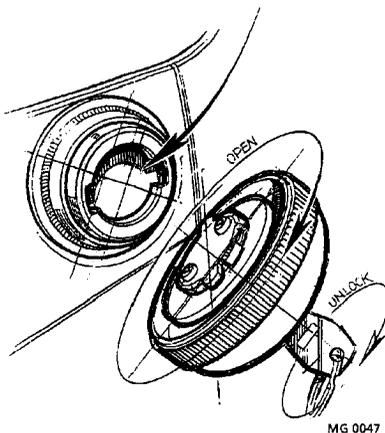
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### *Driving the Car:*

- Provided the engine has reached its normal operating temperature, if a misfire is suspected or the car lacks power while driving, it may be driven SLOWLY (at risk of catalyst damage) to a Rover dealer for assistance.
- NEVER allow the car to run out of fuel (the resultant misfire may destroy the catalysts).
- Engines burning excessive oil (blue smoke from the exhaust) will progressively poison the catalysts and reduce their efficiency.
- On rough terrain do not allow the underside of the car to be subjected to heavy impacts which could damage the catalytic converters.
- DO NOT park on ground where combustible materials such as dry grass could come in contact with the exhaust system - in dry weather a fire could result.

## Fuel filler cap

Unlock with the key and twist clockwise to open.



### TYPE OF FUEL

The RON value (octane rating) of petroleum commonly available at garage forecourts will vary in different countries. The RON value quoted below is the MINIMUM requirement only and can be safely exceeded.

USE ONLY UNLEADED FUEL AS FOLLOWS:

**UNLEADED - 95 RON minimum**

**WARNING: Serious damage to the catalytic converters will occur if leaded fuel is used.**

## Filling the Tank

Only fill the tank until the filler nozzle automatically shuts off. **DO NOT** attempt to fill the tank beyond this point, or spillage could result due to expansion of the fuel.

The filler tube accepts **ONLY** a narrow filler nozzle of the type found on pumps that deliver **UNLEADED** fuel. A flap lies across the entrance of the filler neck - **ALWAYS** insert the nozzle sufficiently to fully open the flap before filling.

When refuelling the tank from emergency containers, ensure only **UNLEADED** fuel is used.

## Empty Fuel Tank

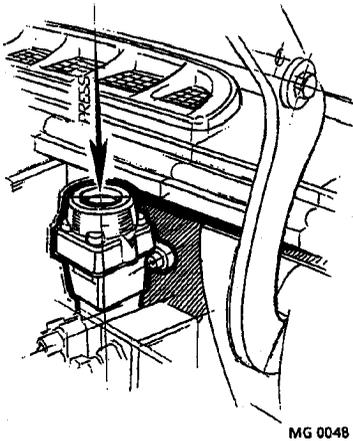
### **DO NOT RUN THE FUEL TANK DRY!**

The resultant misfire may destroy the catalytic converters.

## SAFETY ON THE FORECOURT

Petroleum gases are highly inflammable and in confined spaces are also explosive. Always take sensible precautions when refuelling:

- Switch off the engine.
- Do not smoke or use a naked flame or light.
- Take care not to spill fuel.
- Do not overfill the tank.



## FUEL CUT-OFF SWITCH

**The fuel cut-off switch is a safety device which, in the event of a collision or sudden impact, automatically cuts off the fuel supply.**

The switch is located in the engine compartment close to the right hand bonnet hinge. After an impact, the switch must be reset by pressing the rubber top (arrowed in illustration) before the engine can be restarted.

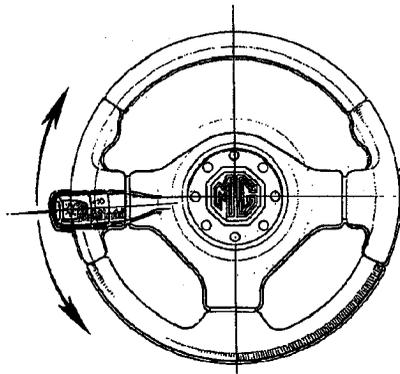
**ALWAYS check for fuel leaks before resetting the switch!**

## Direction Indicators

Move the lever down to indicate a LEFT turn, and up to indicate a RIGHT turn.

Hold the lever half-way up or down against spring pressure to indicate a lane change.

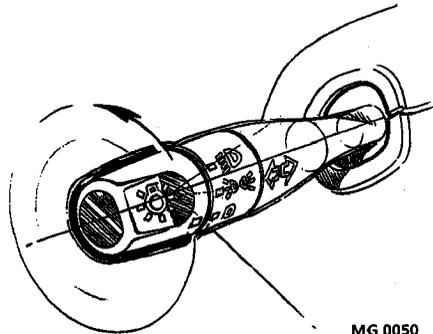
The appropriate GREEN warning light will flash in time with the indicator lights.



## Side and Headlights

Rotate the switch anti-clockwise to its first position to switch on the side, tail and panel lights.

Rotate to its second position to switch on the headlights (operate only with the starter switch in position 'P' or 'IP').

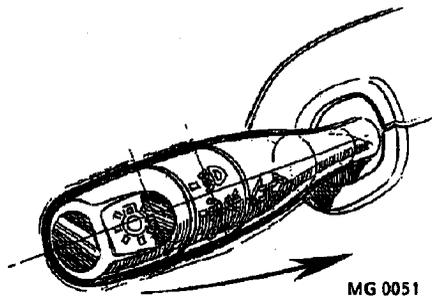


MG 0050

## Headlight Main and Dipped Beams

Pull lever fully towards the steering wheel to change headlight beams (the BLUE warning light will glow when the headlights are on main beam).

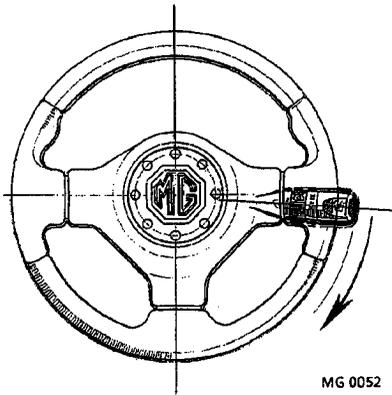
To flash the headlights, flick the lever towards the steering wheel.



MG 0051

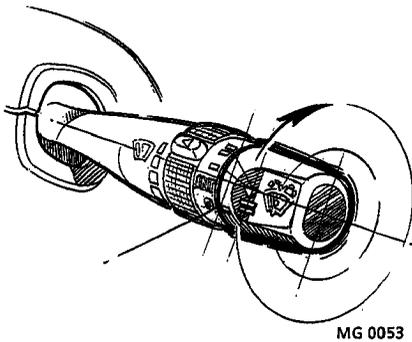
## Lights On Warning Buzzer

If the lights are left on after the starter is switched off and a door is opened, a warning buzzer will sound. The buzzer will cease as soon as the lights are switched off or when the doors are closed.



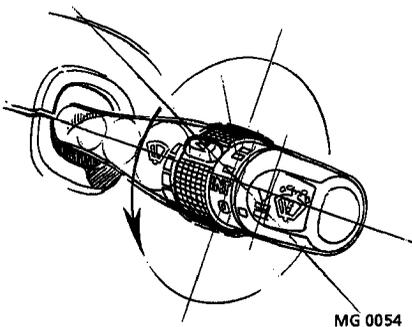
## WIPER CONTROLS

- Single Wipe  
Pull the lever down and release.



Rotate the switch clockwise to select the wiper speed required;

- Intermittent Wipe  
(*position 1*)
- Normal Speed Wipe  
(*position 2*)
- Fast Speed Wipe  
(*position 3*)



- Intermittent Wipe Variable Delay  
Rotate the switch to vary the delay between wipes.

**NOTE:** The wipers and washers will only operate when the starter switch is at position 'II'.

**IMPORTANT:** DO NOT operate wipers on a dry screen. In freezing or very hot conditions, ensure that the blades are not frozen or stuck to the glass.

In winter, remove snow or ice from around the arms and blades, including the wiped area of the windscreen and the heater air intakes.

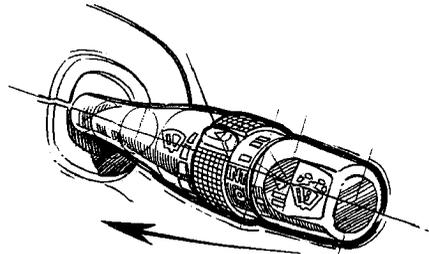
If the blades have stuck to the glass a thermal cut-out may immobilise the wipers. To re-activate:

- 1) Switch off wipers.
- 2) Clear screen and blades of obstruction ensuring that wipers are free to move.
- 3) Switch wipers on.

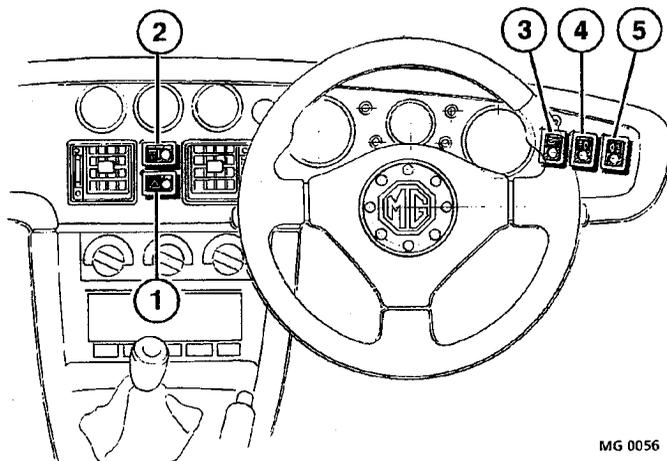
## WASHER CONTROL

Pull the lever towards the steering wheel. Windscreen washing will continue for as long as the lever is held in this position.

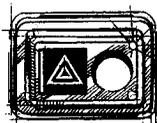
The wiper will wipe 3 times once the lever is released.



MG 0055

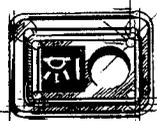


MG 0056



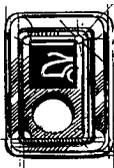
### 1. Hazard Warning Lights

Press switch to turn on. All the direction indicators will flash together. Use **ONLY** in an emergency to warn other road users when your vehicle is causing an obstruction or is in a hazardous situation. Press switch a second time to turn off.



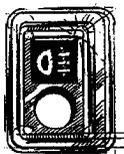
### 2. Interior lights

Press switch to turn on.  
Press a second time to turn off.



### 3. Luggage compartment release switch

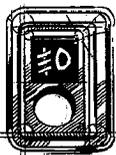
Press to open luggage compartment. Only operates with the starter switch in position 'II' and the handbrake on.



#### 4. Rear Fog Guard Lights

Press switch to turn on. The fog guard lights operate **ONLY** with the headlights switched on, and extinguish automatically when the headlights are switched off.

Remember; use **ONLY** when visibility is severely restricted - fog guard lights dazzle other road users in clear conditions! Press a second time to turn off.



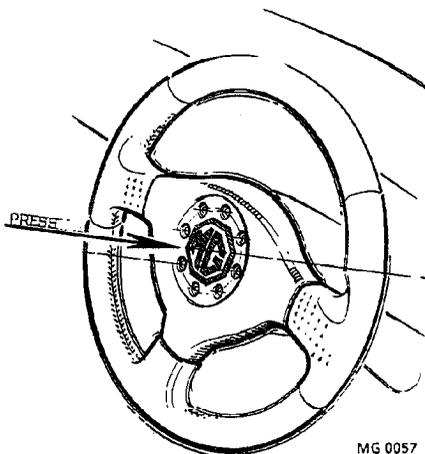
#### 5. Front Fog Lights

Press switch to turn on.

The front fog lights operate **ONLY** with the starter switch at position 'II' and with the side or headlights switched on. Press a second time to turn off.

#### Horn

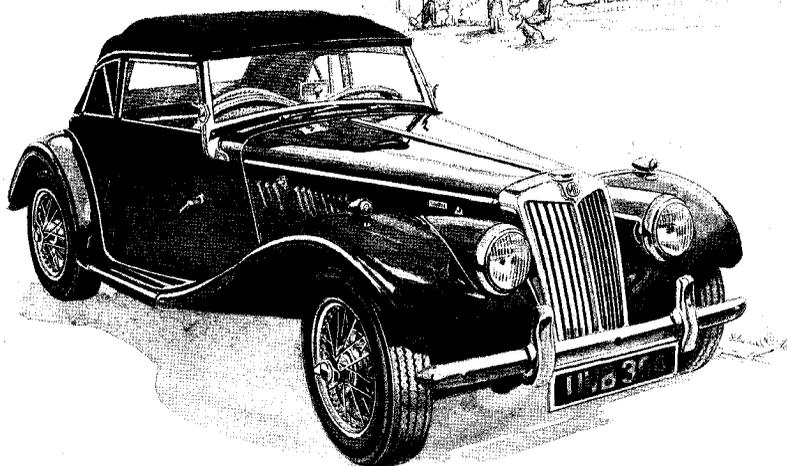
To operate, press the horn pad in the centre of the steering wheel.



MG 0057

### **TF MIDGET**

*The TF was the last in the line of traditional MG sports car designs. Introduced in 1953, the car was basically a re-worked TD, but enhanced with a lavish interior, sloping grille and faired-in headlights. Seen by many as the 'prettiest' Midget ever, more than 9,000 TF's were made. The later cars were powered by the new 1500 cc engine and, in this form, saw out production until 1955, when MG introduced the unitary body construction techniques that were already beginning to influence the course of sports car design.*



**Engine:** 4 cylinder in-line with a displacement of 1466 cc .

**Compression ratio:** 8.3:1

**BHP:** 63

# BRAKES

## **BRAKING SYSTEM**

As a safety precaution, the hydraulic braking system operates through dual circuits. If one circuit should fail, the other will continue to function, but increased brake pedal travel and longer stopping distances will be experienced.

The braking system is servo assisted. If the engine stops, this assistance will be lost, requiring greater pedal effort and resulting in longer stopping distances. Always seek qualified assistance urgently if any problem with the braking system is noted.

## **Brake Pads**

Brake pads require a period of bedding in. For the first 500 miles (800 km), you should avoid situations where heavy braking is required.

Regular servicing will ensure that the brake pads are examined for wear and changed periodically to ensure optimum performance.

## **Brake Warning Light**

If the warning light comes on when driving, and the handbrake is fully released, a fault is indicated. Stop the car and seek qualified assistance before continuing.

## **HANDBRAKE**

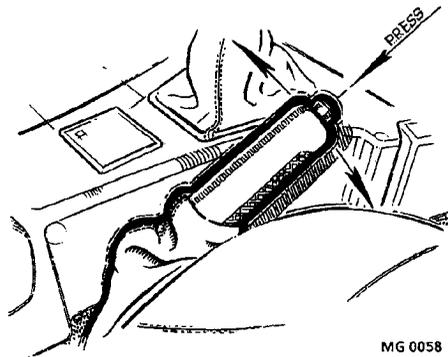
The handbrake operates on the rear wheels only. Press the button and pull the lever up to operate.

To release, pull the lever up slightly, press the button and lower the lever.

The handbrake should not require adjustment in normal use.

Handbrake travel will vary according to the parking gradient. However, if the handbrake fails to hold the car, consult your Dealer.

**Always apply the handbrake fully whenever you park.**



MG 0058

# MAINTAINING YOUR CAR

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## **Maintaining Your Car**

The safe, reliable performance of your car will depend largely on how well it is maintained.

Maintenance is the owner's responsibility, and you should ensure that all routine services and warranty inspections are carried out by a Rover dealer at the recommended intervals. These are shown in the Service Record book included in the literature pack. The Service Record book also includes service record docketts, which must be correctly endorsed by your Rover dealer at the conclusion of each service.

## **OWNER MAINTENANCE**

The following simple checks must be carried out between services. You can do these 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 oil deposits on the garage floor which may indicate a fluid leak.

### **Weekly Checks:**

- Engine oil level.
- Screen washer reservoir level.
- Condition and pressure of tyres.

### **Monthly Checks:**

- Cooling system level.
- Brake and clutch fluid levels.
- Operation of all locks using the key.

**NOTE:** *Any significant or sudden drop in fluid levels, or uneven tyre wear should be reported to your dealer without delay.*

**NOTE:** *The fluid level of gearbox and rear axle should ONLY be checked by a Rover dealer at the time of a routine service.*

## **SAFETY IN THE GARAGE**

**If you need to carry out maintenance on your vehicle, the following safety precautions should be observed at all times:**

- ALWAYS keep hands, tools and items of clothing clear of all drive belts and pulleys. (Remember, the cooling fan may operate even though the engine is not running).
- DO NOT touch exhaust or cooling system components until they are cool.
- DO NOT touch electrical leads or components with the starter switched on.
- NEVER leave the engine running in an unventilated area - exhaust gases contain carbon monoxide which is poisonous and extremely dangerous.
- **DO NOT work beneath the car with a vehicle lifting jack as the only means of support.**

### **Poisonous Liquids**

Most liquids used in motor vehicles are poisonous and should not be consumed or brought into contact with open wounds (these substances include; battery acid, anti-freeze, brake and power steering fluid, petrol, diesel, oil and windscreen washer additives).

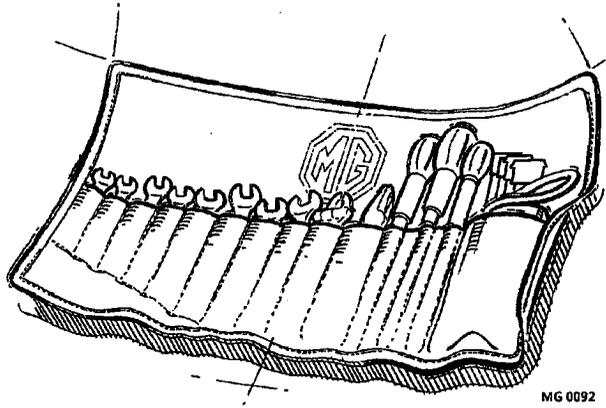
Obey all instructions printed on labels and containers!

### **Used Engine Oil**

Prolonged contact with engine oil may cause serious skin disorders, including dermatitis and cancer of the skin. Wash thoroughly after contact.

### **PROTECT THE ENVIRONMENT!**

It is illegal to pollute drains, water courses or soil. Use authorised waste disposal sites and garages which provide facilities for the receipt of used oil and toxic chemicals. If in doubt contact your Local Authority for advice.



MG 0092

## **TOOL ROLL**

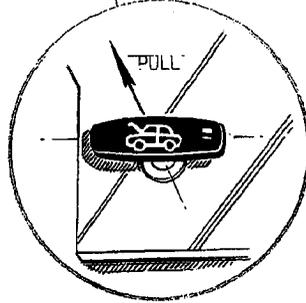
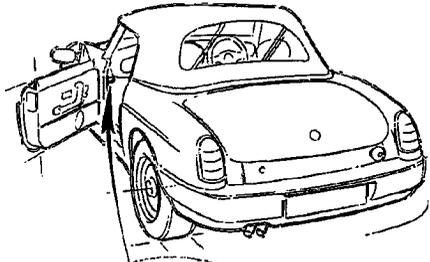
Situated in the tool tray in the luggage compartment is a tool roll which consists of:

1. 8 Spanners,
2. 3 Screwdrivers,
3. Adjustable spanner,
4. Pliers,
5. Torch,
6. Battery remover tool.

# BONNET OPENING

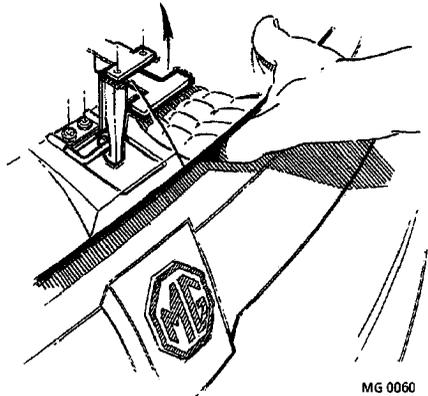
## BONNET OPENING

- Pull the bonnet release handle.

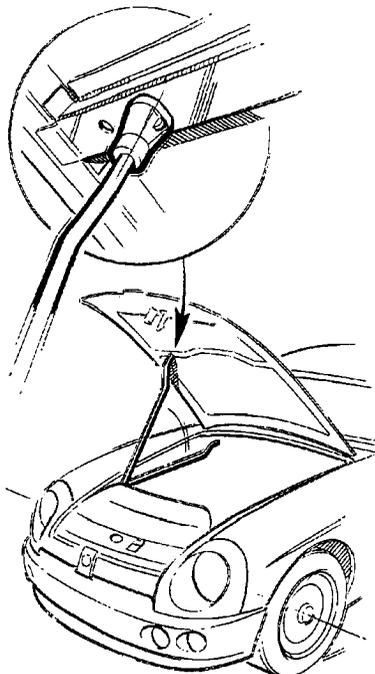


MG 0059

- Lift the bonnet safety catch and raise the bonnet.



MG 0060



MG 0061

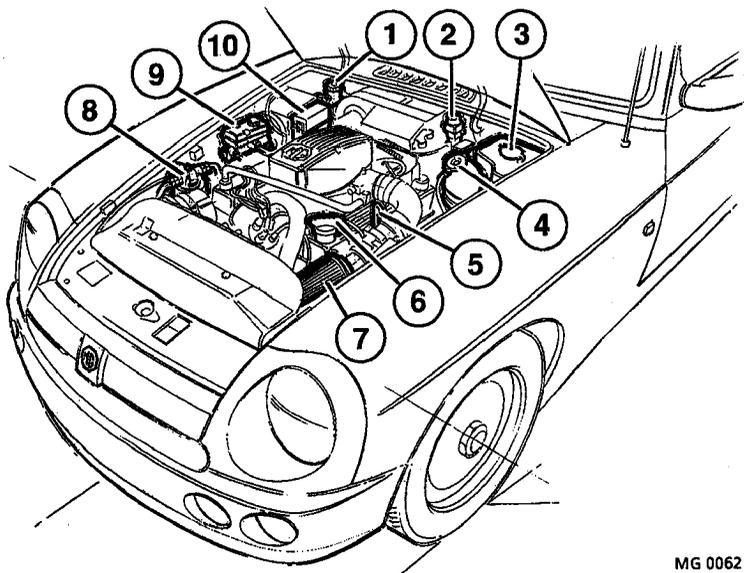
- Release the bonnet support stay from its securing clip and fit into cut-out in the bonnet.

### Closing the Bonnet

- Stow the support stay in its clip, then lower the bonnet, allowing it to drop for the last 6 inches (150 millimetres) approx. Check that the lock is FULLY engaged by attempting to lift the front edge of the bonnet. This should be free from all movement.

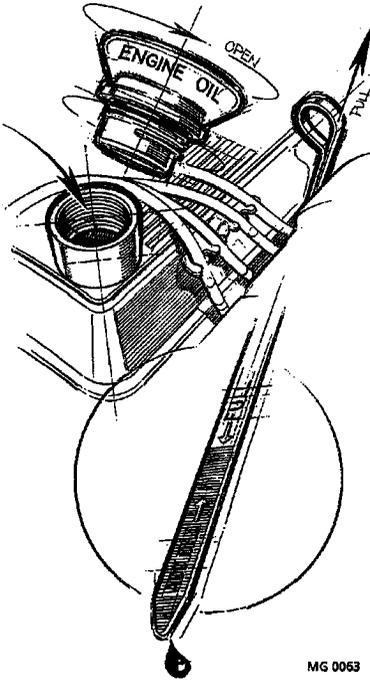
**WARNING: Do not pull the bonnet release handle when the car is moving, nor drive with the bonnet unlatched and retained only by the safety catch.**

# ENGINE COMPARTMENT



MG 0062

1. Clutch fluid reservoir
2. Fuel cut-off switch
3. Washer reservoir
4. Cooling system reservoir
5. Engine oil dipstick
6. Engine oil filler cap
7. Air filter element
8. Oil filter
9. Brake fluid reservoir/warning  
light tester
10. Fusible link box



Oils within these specifications are suitable for use in the temperature range  $-20^{\circ}\text{C}$  to  $+30^{\circ}\text{C}$ . For continual operation in climates where temperatures usually exceed or fall below these limits, seek advice from your dealer.

## OIL LEVEL CHECK & TOP-UP

Check the oil level with the engine cold and the car resting on level ground.

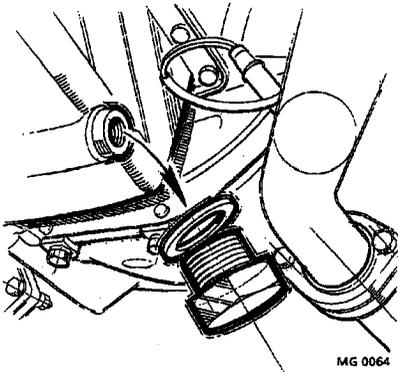
Withdraw the dipstick and wipe the blade clean, then re-insert the dipstick and withdraw again to check the level.

Add oil to maintain the level between the 'FULL' and 'ADD OIL' arrows on the dipstick.

**DO NOT OVERFILL!**

## Oil Specification

Use any brand of 10W/40 engine oil meeting the minimum specification: *RES.22.OL.G4* or *CCMC G4* or *API SG* or *API SG/CD*.

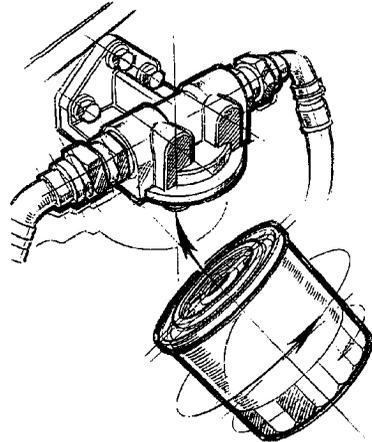


## OIL DRAINING, FILLING AND FILTER RENEWING

The oil should be drained with the engine warm and the car on level ground.

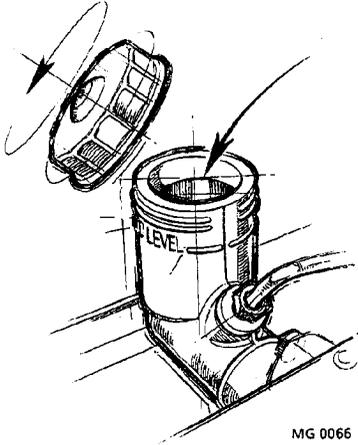
**WARNING:** *Observe care when draining as oil may be very hot.*

1. Place a container of at least 6 litres (10.5 pints) capacity below the oil drain plug.
2. Unscrew the drain plug and allow the oil to drain.
3. Clean and refit the oil drain plug using a new sealing washer if necessary.
4. Place a container below the oil filter, unscrew and discard.
5. Smear clean engine oil on the seal of the new filter.
6. Screw the filter into position, tighten by turning approx. one turn.
7. Fill the engine with the correct quantity and specification of new oil, start and run the engine to check for leaks.
8. Stop the engine, wait a few minutes, then check the oil level and top-up if necessary.



**WARNING:** *Used engine oil  
Prolonged and repeated contact may cause serious skin  
disorders, including dermatitis and cancer.*

- Avoid excessive contact, wash thoroughly after contact.
- Keep out of reach of children.



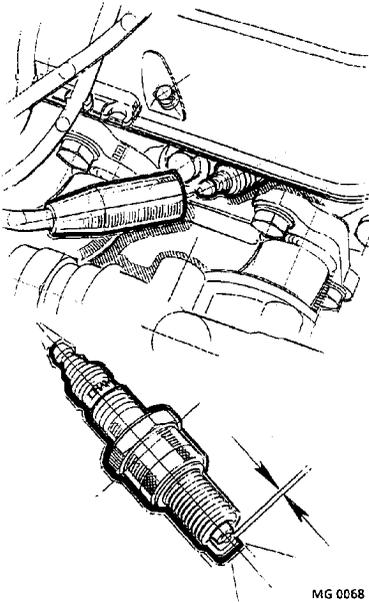
## CLUTCH FLUID LEVEL CHECK AND TOP-UP

Check the fluid level and top-up to the 'LEVEL' indicator.

Use the same recommended fluid as described in 'Brake fluid level'.

### WARNING:

- Clutch fluid will damage painted surfaces.
- If clutch fluid should come into contact with the skin or eyes, rinse immediately with plenty of water.



## SPARK PLUGS RENEWING

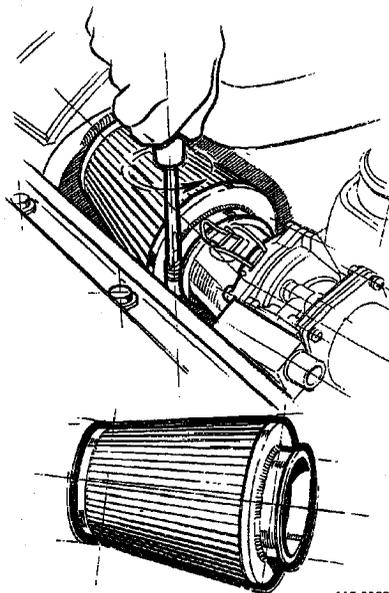
When fitting new spark plugs ensure that only the recommended type and grade are used. Renew the spark plugs one at a time to avoid fitting the incorrect leads to the spark plugs.

1. Remove the spark plug cap from the spark plug.
2. Remove the spark plug using an appropriate removal tool. Before unscrewing push the tool fully onto the spark plug, to ensure the protective sleeve locates around the spark plug insulator.
3. Set the spark plug gap on the new plug to the figure given in 'Technical Data'.
4. Screw in the plug finger tight, then tighten to a maximum one-half turn.
5. Position the spark plug cap over the spark plug and push down on the cap until it locates.

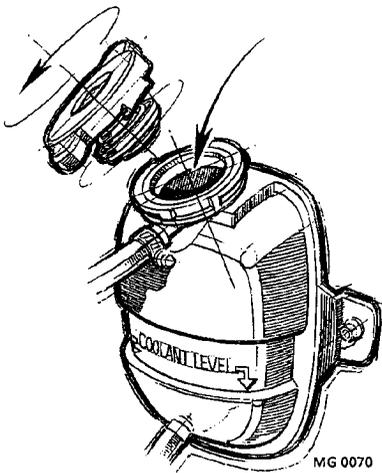
## **AIR FILTER RENEW**

In dusty operating conditions it may be necessary to renew the air cleaner element more frequently than specified, consult your dealer.

Using a screwdriver release the clip securing the air filter to the trunking and remove air filter.



MG 0069



## TOPPING-UP

The coolant level should be checked **WHEN THE SYSTEM IS COLD**, and topped up with a 50% mixture of anti-freeze and water.

Top up to the '**COOLANT LEVEL**' as indicated by the arrows.

If the level has fallen appreciably, suspect leakage or overheating and arrange for your dealer to examine the vehicle.

**WARNING: NEVER remove the filler cap when the cooling system is hot - escaping steam or water could cause serious injury.**

## Anti-freeze

The anti-freeze content of the coolant should be maintained at a minimum of 50% and, in order to ensure that the anti-corrosion properties of the coolant are retained, must not be allowed to exceed 60%. This should be checked by your dealer every year.

For maximum corrosion prevention, use *Unipart Superplus Anti-Freeze and Summer Coolant*. If this is unavailable, use an ethylene glycol based anti-freeze which meets specification BS 6580 and BS 5117, and ensure it is renewed every year.

**WARNING: Take precautions to prevent anti-freeze coming in contact with the skin or eyes. If this should happen, rinse immediately with plenty of water.**

## BRAKE FLUID LEVEL

The fluid level will fall slightly during normal use, but should not drop below the bottom of the filler cap neck in the course of a month.

If it does, consult your dealer.

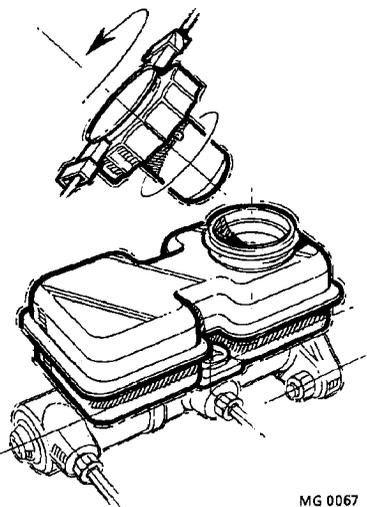
### Topping-up

Wipe the filler cap clean before removing to prevent dirt from entering the reservoir and top-up to the bottom of the filler cap neck using a recommended fluid:

*AP New Premium Super DOT 4 brake fluid.*

*Castrol Universal DOT 4 brake fluid.*

Use only new fluid from an airtight container (old fluid from uncapped containers will absorb moisture, and adversely affect braking performance).



MG 0067

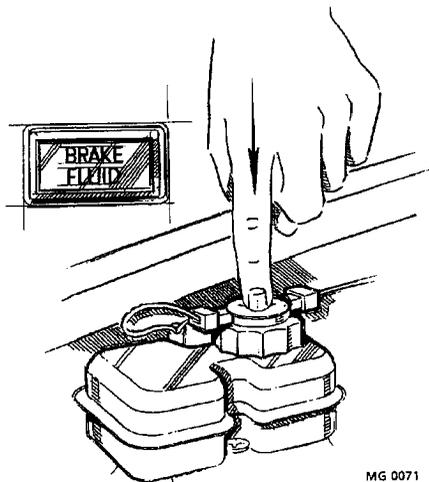
### WARNING:

- **DO NOT drive the car with the fluid level below the bottom of the filler cap neck.**
- **Brake fluid will damage painted surfaces.**
- **If brake fluid should come into contact with the skin or eyes, rinse immediately with plenty of water.**

## BRAKE FLUID WARNING LIGHT

If the brake fluid warning light should come on at any time whilst driving, the car must be **stopped** and the fluid level checked. If the fluid level is low, the cause must be rectified.

To test the warning light bulb and its circuit, switch on the ignition and release the handbrake. Press the flexible contact cover located in the centre of the filler cap, the warning light should illuminate, if it does not consult your dealer.



MG 0071

**WARNING: Never drive your vehicle if the tyres are badly worn, cut or damaged, or the pressures are incorrect.**

## CARING FOR YOUR TYRES

Always drive with consideration for the condition of the tyres and frequently inspect the tread and side walls for signs of distortion or damage.

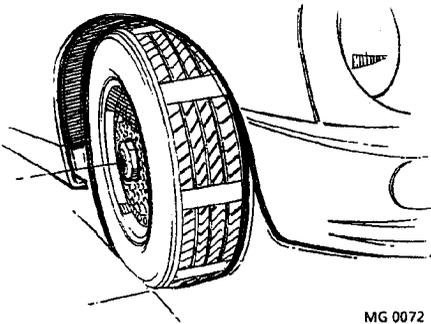
The most common causes of tyre failure are:

- Bumping against kerbs;
- Driving over deep potholes;
- Driving with under or over-inflated tyres.

## Tyre Pressures

Check the pressures - including the spare - when the tyres are cold (air pressure naturally increases in warm tyres). The recommended pressures are shown in 'Technical Data'.

Remember; incorrectly inflated tyres wear rapidly and seriously affect the car's road handling characteristics.



MG 0072

## Tyre Wear Indicators

Your tyres have wear indicators moulded into the tread pattern. When the tread has worn down to 1.6 mm (0.063 in), the indicators will come to the surface of the tread pattern, producing the effect of a continuous band across the width of the tyre.

A tyre **MUST** be replaced as soon as a wear indicator becomes visible.

If tyre wear is uneven or becomes excessive, the wheel alignment should be checked by your dealer.

## Valve Caps

Keep the valve caps screwed down firmly. They prevent dirt from entering the valve.

# TYRES

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## **Punctured Tyres**

Your tyres will not normally leak when penetrated by a sharp object, provided it is left in the tyre. However, punctured or damaged tyres **MUST** be permanently repaired or replaced **AS SOON AS POSSIBLE**.

## **Replacement Tyres**

Wheel rims and tyres are matched to suit the handling characteristics of the vehicle. To be safe, **ONLY** fit replacement tyres identical to the original specification.

**NOTE:** *Tyre sizes are shown in 'Technical Data'.*

### **MGA**

*Sharing the same wheel base as the 'T' series, the MGA was produced at the Abingdon factory in various forms between 1955 and 1962.*

*It was the last MG to retain a separate body and chassis, it was one of the most attractive sportscars of its era.*

*Economical to run and maintain, and a pleasure to drive, the MGA was regarded at one time as the 'most popular sports car in the world'.*



**Engine:** *In-line, 4 cylinder water cooled with a displacement of 1489 cc.*

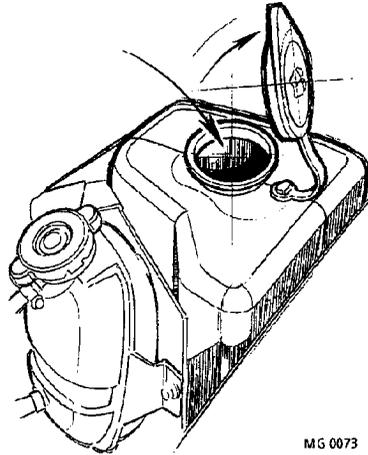
**Compression ratio:** *8.3:1*

**BHP:** *72*

## WINDSCREEN WASHERS

Check the reservoir level and top-up with a mixture of water and *Unipart All Seasons Screenwash*. During freezing conditions, the recommended quantities of screenwash shown in the table will help to disperse ice and snow.

Reservoir Capacity	Temperature		
	-3°C	-7°C	-12°C
3.8 litre	380 ml	760 ml	1520 ml



MG 0073

**WARNING:** Do not use an anti-freeze solution in the screen washer reservoir. Anti-freeze will damage painted surfaces.

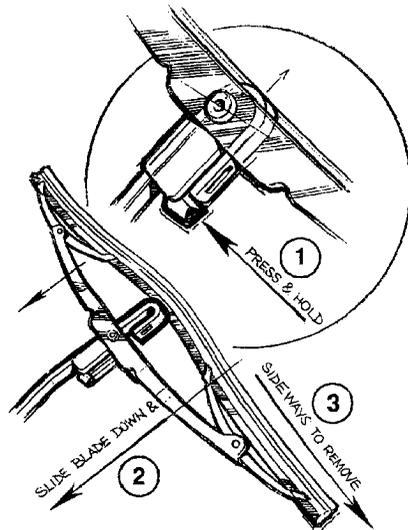
## Washer Jets

The washer jets are set during manufacture and must NOT be adjusted. In the event of a jet becoming blocked, take your car to a Rover dealer. DO NOT attempt to clear the blockage!

## WIPER BLADE REPLACEMENT

- Lift the wiper arm away from the windscreen, press and hold the retaining button (1).
- Slide the wiper blade down the arm (2).
- Move the wiper blade sideways to disengage from the arm (3).

Always fit replacement wiper blades that are identical to the original specification.



MG 0074

### WASHING YOUR CAR

Wash your car frequently using a sponge and generous quantities of cold or lukewarm water containing a car shampoo. Rinse and dry off with a chamois leather. **DO NOT USE HOT WATER!**

During winter months when salt has been used on the roads, use a hose to wash the underside. Pay particular attention to wheelarches and panel seams, and to removing accumulations of mud.



MG 0075

When using a hose, do not direct the jet into the heater air intake ducts, or through the wheels, the brake components, or at the door or window seals, where water pressure could penetrate the seals.

### Getting Rid of Tar Spots

Use white spirit to remove tar spots and stubborn grease stains from paintwork. Then wash immediately with soapy water to remove all traces of spirit.

### Body Protection

After washing, inspect the paintwork for damage. Treat paint chips and scratches with touch-up paint to prevent corrosion, and occasionally protect the paint surface with an application of car polish.

However, take care to ensure that car polish and body cleaning compounds are not applied to the window seals.

Damaged paintwork and body panels must be repaired in accordance with the manufacturer's recommendations. Failure to do this will invalidate the Anti-Corrosion Warranty!

### Glass and Mirrors

Mirror/door glass is particularly susceptible to damage - **DO NOT** use abrasive cleaning compounds or metal scrapers.

### **Radio Aerial**

Approximately once a month extend the aerial and wipe with a damp cloth. DO NOT oil the aerial or clean with silicon based car care products.

### **Wiper blades**

Lift the wiper blades from the windscreen, wash with soapy water paying particular attention to the wiping edges, dry with a soft lint free cloth.

### **WASHING AND CLEANING THE HOOD**

The rear screen is susceptible to scratching from the effects of dirt and grit. For this reason it is important to wash the screen frequently and to avoid opening or closing the hood when it is very dirty.

- Use a soft brush to remove dust and flaking dirt prior to washing.
- Use soap and water to soften encrusted dirt and remove stains before rinsing the hood with clean water.
- ONLY use mild soap solutions to wash or clean the hood.
- NEVER use spirit, petroleum or chlorine based cleaning agents, or wash/wax compounds.
- NEVER use an automatic car wash, or high pressure hose.

**NOTE:** *In wet or muddy driving conditions, road dirt will collect beneath the leading edge of the hood where it fits against the windscreen surround, and may cause staining of the fabric. Open the hood from time to time and wash the affected area.*

## LOOKING AFTER THE INTERIOR

- Clean plastic-faced or cloth covered surfaces with diluted upholstery cleaner.
- Leather seats, steering wheel and trim features should be cleaned with a damp cloth moistened with undiluted upholstery cleaner. Leave for five minutes, and then repeat the operation using a clean cloth and water - but avoid flooding the area! Dry and polish the leather with a dry, clean, lint-free cloth.  
DO NOT use petrol, detergents, furniture creams or polishes!
- Sweep carpets with a brush or vacuum cleaner and clean with diluted nylon upholstery cleaner.

## Clock & Radio

- Clean with a dry cloth only. DO NOT use cleaning fluids or sprays.

## Seat Belts

- Extend belts, then use warm water and a non-detergent soap to clean. Allow to dry naturally, and do not retract until completely dry.

## RECOMMENDED CAR CARE PRODUCTS

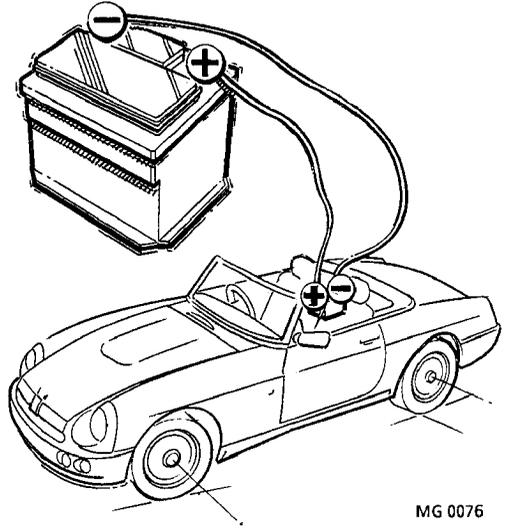
Vinyl & leather upholstery cleaner	GAC 2080
Fabric upholstery cleaner	GAC 2081
Engine degreaser	GAC 2053
Wash and wax - 300 ml	GAC 2051
Wash and wax - 500 ml	GAC 2083
Glass cleaner	GAC 2066
Liquid polish	GAC 2075
Liquid polish - metallic Paint	GAC 2076
<b>For winter</b>	
High power de-icer	GAC 2060
Lock de-icer	GAC 2061
Screen wash - 300 ml	GAC 2068

# EMERGENCY STARTING

## USING JUMP LEADS

**Always follow this procedure:**

1. Turn off the starter switch and ALL electrical equipment of BOTH vehicles.
2. Remove battery cover, refer to 'Battery'
3. Using the RED lead, connect the positive (+) terminals of BOTH batteries.
4. Using the BLACK lead, connect the negative (-) terminals of both batteries.
5. Check that the leads are clear of the moving parts of the engine, then start the engine of the vehicle with the booster battery.
6. Now start the car with the discharged battery (DO NOT crank the engine for more than 10 seconds at a time).
7. Once both engines are running, allow them to idle for two minutes before disconnecting the jump leads. DO NOT switch on any lights on the vehicle that had the discharged battery until AFTER the jump leads have been removed.
8. Disconnecting the jump leads must be an EXACT reversal of the procedure used to connect them.



MG 0076

**WARNING: This vehicle MUST NOT be push or tow started, damage to the gearbox may occur.**

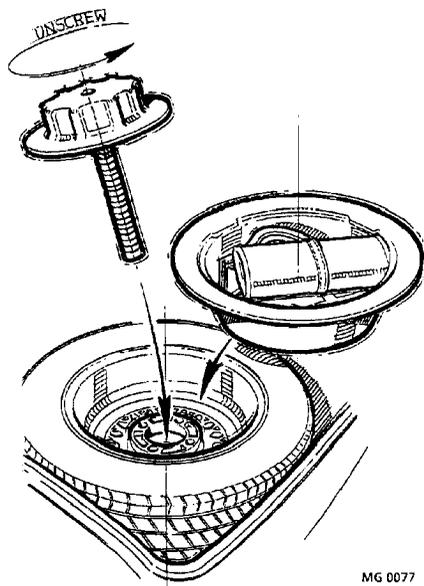
### WARNING:

- ENSURE the leads have insulated clamps and are approved for use with 12 volt car batteries.
- DO NOT disconnect the discharged battery.
- Make sure BOTH batteries are of the same voltage (12 volts).

## **WARNING:**

*Always observe the following precautions!*

- Park your car away from the thoroughfare, and make your passenger wait in a safe area away from the disabled vehicle.
- Switch on the hazard warning lights to alert other road users.
- Ensure the jack is positioned on firm, level ground.
- Apply the handbrake and engage 1st gear. Place the chocks at the front and rear of the wheel diagonally opposite the one to be removed.
- NEVER work beneath the car with the jack as the only means of support. The jack is designed for wheel changing only!



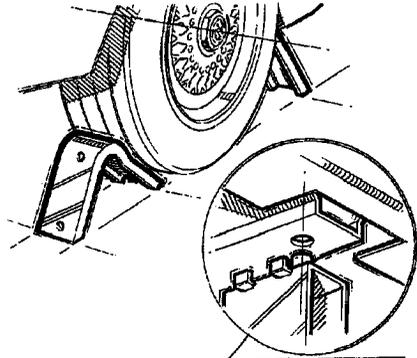
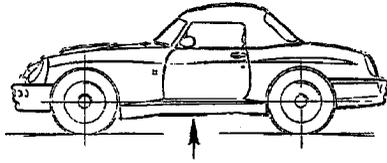
## **Removing the Spare Wheel**

1. Remove the carpet covering the wheel.
2. Remove the tool tray from the spare wheel centre.
3. Unscrew the clamp to release the spare wheel.
4. Lift the spare wheel from the luggage compartment.

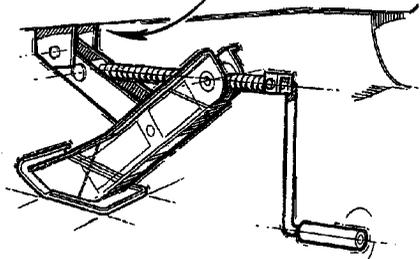
MG 0077

## Positioning the Jack

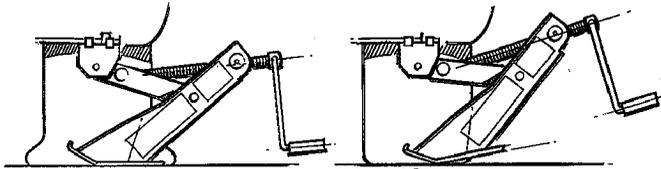
1. Position the chocks on both sides of the wheel diagonally opposite the one to be changed.
2. Position the jack under the CENTRE of the jacking point on the side of the vehicle where the wheel is to be removed. Ensure the locating peg of the jack head fits securely in the jacking point cut out.



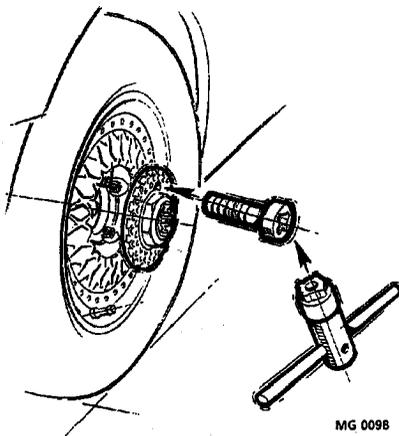
3. *To change a deflated tyre:*  
Position the jack so that the base plate is resting on the ground.
4. *To change an inflated tyre:*  
Position the jack so that the elbow of the base plate is resting on the ground.



MG 0079



MG 0078



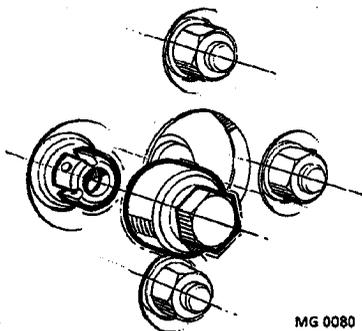
## Changing the Wheel

For security reasons the wheel centre cover key and the locking wheel nut removing tool are locked in the glovebox.

- Using the special key supplied remove the screw securing the wheel centre cover.
- Remove the locking wheel nut, refer to '**Locking wheel nuts**'.
- Before raising the car, use the wheel nut spanner to slacken the wheel nuts half a turn anti-clockwise.

- Raise the car until the tyre is clear of the ground, and remove the wheel nuts and wheel (DO NOT damage the surface of alloy wheels by placing them face down on the road).
- Fit the spare wheel and LIGHTLY tighten the wheel nuts (tapered side towards the wheel), ensuring they are firmly seated. DO NOT apply full tightening force whilst the tyre is clear of the ground.
- Lower the car and remove the jack and wheel chocks.
- Fully tighten the wheel nuts in diagonal sequence.
- Return the tools and spare wheel to the luggage compartment.

Remember to have the tyre pressure checked as soon as possible!



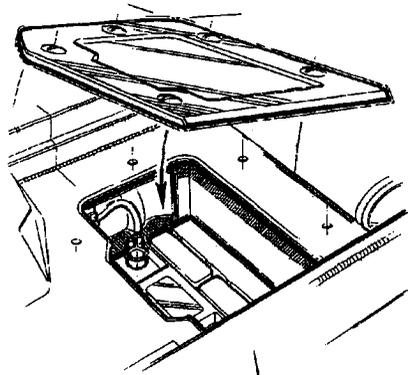
## Locking wheel nuts

Your wheels are fitted with one locking wheel nut on each wheel. These are visually very similar to standard wheel nuts, but can only be removed using the special tool provided.

Fit the metal key socket over the wheel nut, then fit the wheel nut spanner over the key socket to unscrew the nut.

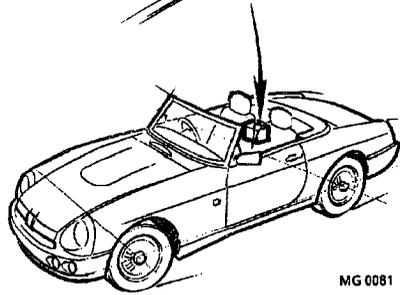
A code number is stamped on the face of the key socket. Ensure the code number is recorded on the security card supplied with your literature pack. You will need to quote this number if a replacement tool is required. Do not keep the card in the car.

**WARNING: Batteries contain sulphuric acid. If the acid comes in contact with the eyes or skin, wash immediately with cold water and seek medical advice.**



## Battery Maintenance

- The battery is sealed for life and no topping-up is required. Do not attempt to remove the cover!
- Keep the battery casing clean and dry.
- Ensure the battery terminals are clean and free from corrosion - occasionally coat them with petroleum jelly.



MG 0081

## Battery Removal

The battery is positioned behind the driver's seat. Removal is as follows:

- Turn the starter switch off.
- Fold the driver's seat forward.
- Release and fold back the carpet.
- Release five screws securing the battery cover to the body, remove cover.
- Release bolt securing battery clamp.
- Using the special tool provided in the tool roll lift out battery.
- ALWAYS disconnect the negative ('-') terminal first. (When replacing the battery, connect the positive ('+') terminal first).
- NEVER allow the battery terminals to make contact with tools or metal parts of the car.

## **Battery Charging**

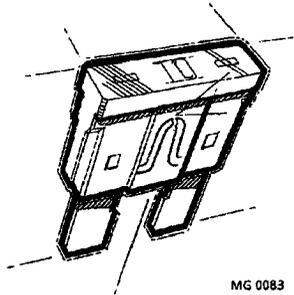
Before charging, always remove the battery from the car.

Batteries generate explosive gases, contain corrosive acid and supply levels of electric current high enough to cause serious burns. While charging always heed the following precautions:

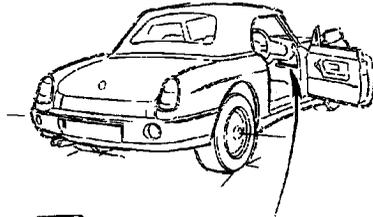
- Shield your eyes or avoid leaning over the battery.
- Keep the area around the top of the battery well ventilated.
- Keep naked lights clear of the battery (batteries emit inflammable hydrogen during and after charging).
- After charging leave the battery for an hour before reconnection to the car.

# FUSES

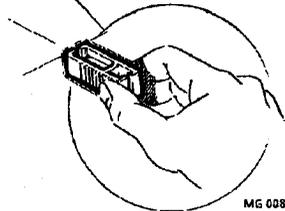
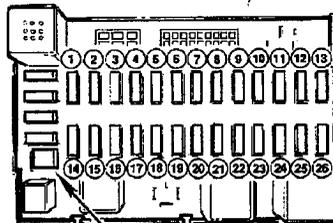
Fuses are simple circuit breakers, which protect electrical equipment by preventing the electrical circuits from being overloaded. A 'blown' fuse is indicated when the electrical equipment it protects becomes inoperative. Check a suspect fuse by removing it from the fuse box and looking for a break in the wire inside the fuse (as illustrated).



The location and value of each fuse is shown in the accompanying illustration and chart. Some spare fuses are also provided, but are not numbered in the illustrations.



Always turn off the starter switch and the appropriate electrical circuit before removing a fuse. To remove a fuse, press the removal tweezers on to the head of the fuse as shown and pull. Always replace a fuse with another of the same value, but if the new fuse blows immediately the circuit **MUST** be checked by your Rover dealer.



# FUSES

Fuses are colour coded to identify amperage as follows:

**YELLOW - 20 amp RED - 10 amp BLUE - 15 amp**

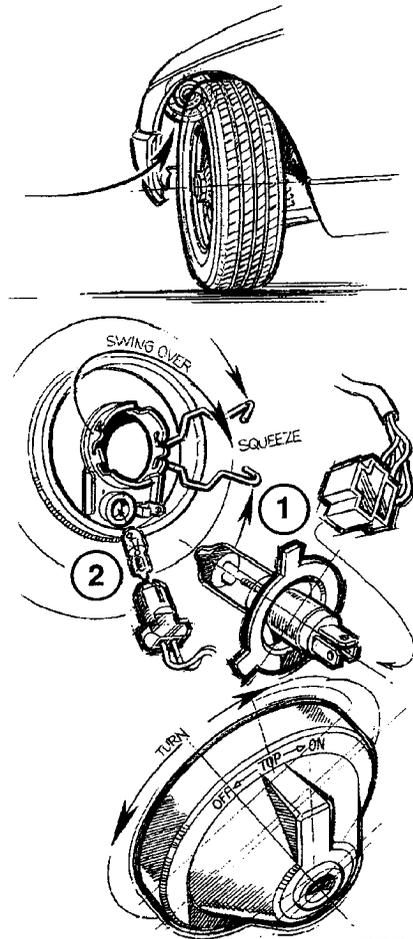
## FASCIA PANEL FUSE BOX

Fuse No	Rating (amp-s)	These units not operating
1	10	Fuel, ignition coil, anti-theft alarm.
2	10	Right hand side tail and number plate lights, interior light, fascia illumination.
3	10	Temperature gauge, fuel gauge and tachometer.
4	-	Spare
5	15	Right hand headlight - main beam.
6	10	Brake lights, warning lights and voltmeter.
7	10	Front fog lights.
8	15	Cigar lighter.
9	10	Warning lights, indicators and reverse lights.
10	10	Rear fog lights.
11	20	Cooling fan.
12	15	Radio cassette memory, electric boot switch warning light, clock, interior light, horn, engine management and anti-theft indicator.
13	-	Spare.
14	15	Heater blower motor.
15	15	Windscreen wiper/washer.
16	-	Spare.
17	10	Fuel pump.
18	15	Left hand head light - main beam.
19	20	Headlights, sidelights, anti-theft alarm and boot release.
20	-	Spare.
21	15	Hazards.
22	15	Radio cassette and rear amplifier.
23	-	Spare.
24	10	Right hand head light - dip beam.
25	10	Left hand head light - dip beam.
26	10	Left hand side, tail and number plate lights, radio cassette illumination, fascia illumination.

# BULB REPLACEMENT

Before replacing a bulb, always switch off the lighting switch to prevent any possibility of a short circuit. Replace bulbs with the same type and specification.

BULB REPLACEMENT	Watts	Part No.
Headlight - dip/main	60/55	GLB 472
Sidelight	5	GLB 501
Direction indicators	21	GLB 382
Side repeater light	5	GLB 501
Front fog light	55	GLB 453
Brake - tail light	21/5	GLB 380
Reversing light	21	GLB 382
Fog guard light	21	GLB 382
Number plate light	5	GLB 239
Glovebox light	5	GLB 239
Interior light	5	GLB 239
Luggage compartment light	10	GLB 245



## Headlight/main beam (1), Sidelight (2)

**Headlight/main beam:** Turn rear cover and remove. Detach plug from back of bulb. Squeeze wire clips (arrowed) together to release bulb.

**Sidelight:** Pull to extract bulb holder. Bulb is a push/pull fit.

**NOTE:** Do not touch the bulb glass with your fingers. If necessary, clean the bulb with methylated spirits.

**WARNING:** If a head light bulb needs to be replaced in an emergency situation (ie. by the roadside), it is important not to disturb the headlight alignment by removing the headlight unit from the car.

### **MGB**

*Over half a million MGB's were produced between its launch in 1962 and the last off the line in 1980. An attractively styled all steel body of unitary construction, available as an open 2 seater or GT model. During its life, the car was modified to meet ever more stringent regulations, particularly the bumpers.*

*In 1973 the MGB GT V8 version was introduced.*



**Engine:** 4 cylinder OHV, bore/stroke 80.26 x 89 mm, capacity 1798 cc.

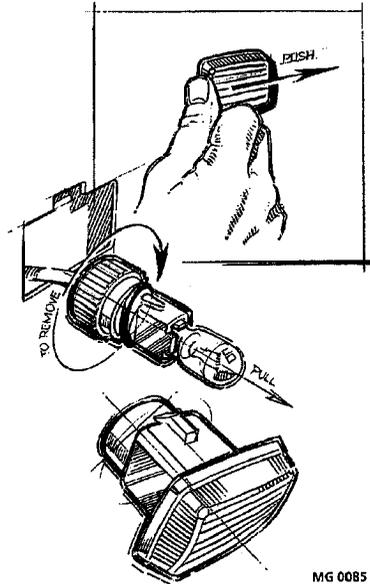
**BHP:** 95

**Transmission:** Four speed manual with optional overdrive and automatic.

# BULB REPLACEMENT

## Side Repeater Light

Push light firmly to the right to withdraw it from the wing. Twist bulb holder to release. Pull out bulb.

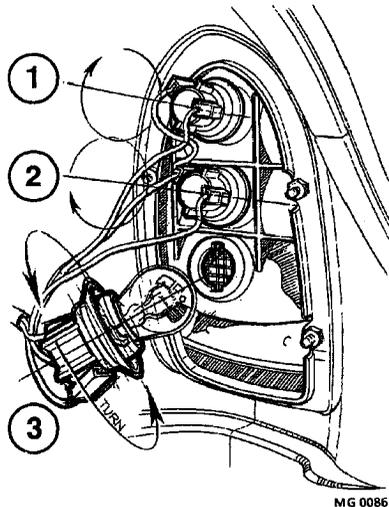


MG 0085

## Rear Lights

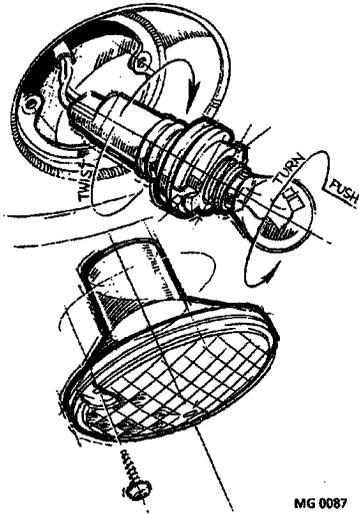
### Direction Indicator (1) Reverse (2), Brake/Tail (3)

Rotate clips half a turn and remove rear trim board for access. Turn bulb holder anti clockwise to release. Then push and twist bulb to remove.



MG 0086

# BULB REPLACEMENT

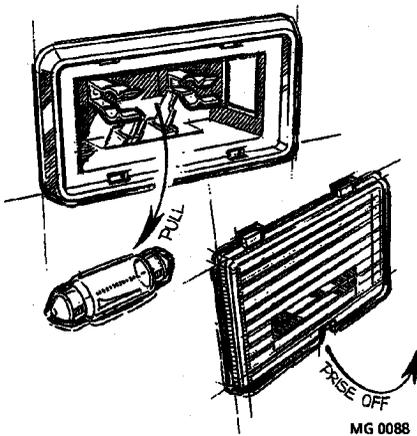


## Front indicator and Fog Guard Lights

Remove two screws securing light unit in bumper. Twist bulb holder anti clockwise to remove. Push and turn bulb to remove.

## Luggage Compartment Light

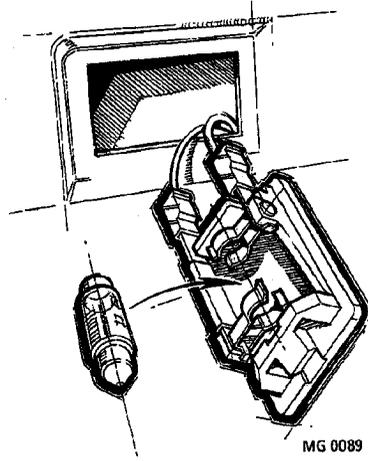
Using a small screwdriver, prise the lens from the light housing, pull the bulb to remove.



# BULB REPLACEMENT

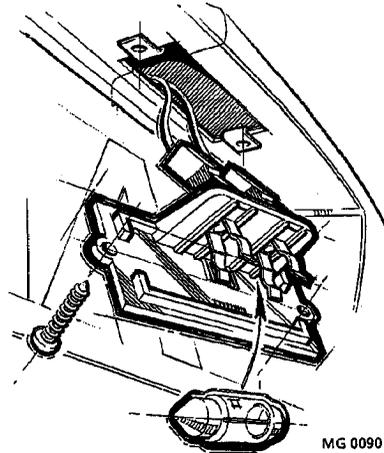
## Interior Light

Use a screwdriver to ease the light unit from its location, one each side of the centre console. Pull the bulb to remove.



## Number Plate Light

Remove the mounting screws to release the light unit. Pull the bulb to remove.



## **SERVICE PARTS & ACCESSORIES**

Only ROVER DEALERS are able to provide the full range of recommended parts and accessories that meet our rigorous standards of safety, durability and performance.

Always consult your Rover dealer regarding the suitability, installation and use of any parts or accessories before fitting.

### **Electrical Equipment**

In particular, it is extremely hazardous to fit parts or accessories whose installation requires the dismantling of, or addition to, either the electrical or fuel systems.

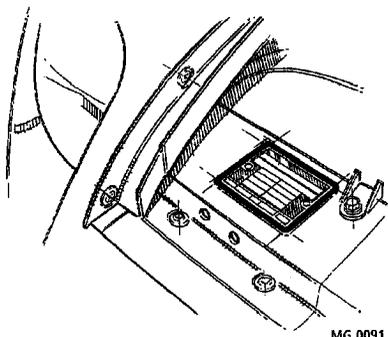
#### **WARNING:**

- **Fitting inferior quality parts or accessories may be dangerous and could invalidate the vehicle warranty.**

### **Travelling Abroad**

In certain countries, it is illegal to fit parts which have not been made to the vehicle manufacturer's specification.

Owners should ensure that any parts or accessories fitted to the car while travelling abroad will also conform to the legal requirements of their own country.



### **IDENTIFICATION NUMBERS**

When communicating with your Dealer always quote the Vehicle Identification Number. If your communication concerns the engine, gearbox or body, it may be necessary to quote these numbers as well.

#### **Vehicle Identification Number (VIN).**

Stamped on the VIN plate where shown (see illustration).

**NOTE:** *The body colour and trim codes are also stamped on the VIN plate and must be quoted if paint or trim items are required.*

As a deterrent to car thieves and to assist the police, the VIN is chemically etched on the windscreen.

#### **Windscreen replacement**

Have the vehicle identification number etched on the new screen.

#### **Engine Number.**

Stamped on the cylinder block behind the dipstick tube.

#### **Gearbox Number.**

Stamped on the bottom right hand side of the gearbox.

# TECHNICAL DATA

## Engine

Capacity	3950 cm <sup>3</sup>	
Firing order	1-8-4-3-6-5-7-2	
Idle speed	700 ± 25 rev/min	

## Ignition System

Type	Breakerless ignition	
Spark plugs	Champion RN11YCC	
Spark plug gap	0.9 mm	0.035 in

## Electrical

Battery type	Sealed for life	
Voltage and polarity	12 V, negative (-) earth	

## Wheels and Tyres

Wheel type and size	6J X 15 alloy	
Tyre size	205/65 ZR15	
Tyre pressures:		
Front	1.5 bar	22 lbf/in <sup>2</sup>
Rear	1.6 bar	24 lbf/in <sup>2</sup>
Road wheel nut torque	72 Nm	

## Dimensions

Overall length	4.01 m	15 ft 9.4 in
Overall width (including mirrors)	1.69 m	5 ft 6.5 in
Overall height*	1.32 m	4 ft 3.6 in
Ground clearance*	130 mm	5.1 in
Wheelbase	2.32 m	7 ft 7.7 in
Turning circle (kerb to kerb)	10.94 m	35 ft 10.8 in
Wheel alignment:		
Front	5° toe-in ± 0-10'	
* At unladen weight		

# TECHNICAL DATA

## Weights

Approx unladen vehicle weight (full fuel tank, excluding options)	1095 kg	2415 lb
Max gross vehicle weight	1310 kg	2890 lb

## Capacities

Fuel tank	51 litre	11 gal
Engine oil refill and filter change	5.5 litre	9.7 pt
Manual gearbox refill	2.7 litre	4.8 pt
Cooling system refill	5.0 litre	8.8 pt
Washer reservoir	3.8 litre	6.7 pt

## Fuel Consumption

All figures are shown in miles per gallon and litres per 100 kilometres, and are from officially approved tests under the Passenger Car Fuel Consumption Order 1983. These are intended to provide fuel economy information for model to model comparisons and are achieved in standard tests. They do not express or imply any guarantee of fuel consumption for the particular car with which this information is supplied.

Model	Simulated/Urban Driving		Constant Speed 56 m.p.h. (90 km/h)		Constant Speed 75 m.p.h. (120 km/h)	
	m.p.g.	litre/100km	m.p.g.	litre/100km	m.p.g.	litre/100km
MG RV8	17.2	16.4	40.9	6.9	32.5	8.7

# Recommended Service Lubricants

Oil Company	Engine Oil	Gearbox Oil	Rear Axle Oil	General Greasing
<b>Rover Specification</b>	<b>Rover RES. 22.OL, G4</b>			
<b>Other Specifications</b>	<b>CCMC G4</b>			
<b>BP</b>	Visco 2000 Plus 10w/40	Autran MBX	Hypogear 80w/90 EP	Energrease L2
<b>ESSO</b>	Superlube Plus 10w/40 or Superlube EX2	Esso Automatic Transmission Fluid	Gear Oil GX 85w/90	Multipurpose Grease
<b>GULF</b>		Automatic Transmission Fluid II	Multipurpose Gear Lubricant 80w/90	Gulf Crown No. 2
<b>MOBIL</b>	Super 10w/40 Mobil 1 Super XHP 10w/40	Mobil ATF 220	Mobilube HD 80w-90	Mobilgrease HP 2
<b>FINA</b>	First 5w/40 Ekofina Turbo S 10w/40	Dexron II D	Pontonic MP 80w/90	Marson EP L2
<b>SHELL</b>	Helix Plus 10w/40	Dexron II D Donax TG	Spirax HD 80w/90	Retinax LX Retinax A
<b>TEXACO</b>	Havoline Multigrade	Texamatic Universal	GearTex EP-B 85w/90	Multifak Purpose EP-2
<b>TOTAL</b>	Quartz	Fluid ATX	EPB 80w/90	Multis 2
<b>UNIPART</b>	Supreme 10w/40 Red 10w/40	Dexron II	Sureflow LP-B 80w/90	Multipurpose Grease
<b>CASTROL</b>	GTX 3 Lightec	TQ Dexron II E	EPX 80w/90	Castrol LM Grease
<b>DUCKHAMS</b>	Duckhams QXR or 10w/40 Motor Oil	Uni-Matic D-Matic	Hypoid 90S Gear Oil	Duckhams LB10 Grease

**NOTE:** The above products are not listed in any order of preference and the list is not necessarily exhaustive.

**HEALTH WARNING:** Used engine oils are contaminated. Avoid prolonged or repeated contact with all types and makes of engine oil.

**Protect The Environment** – Dispose of used oil properly. Do not empty into drains, pollute water systems, or pour onto the soil.

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*MG RV8*

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*Important Information*

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**For use with Owner's Handbook AKM 7144**

**Luggage Compartment (page 8)**

To close, engage the catch and press firmly on the badge, not on the panel edge itself.

**Using the Handset (page 12)**

The handset transmits a coded radio signal which changes every time the button is pressed. However, if the button is operated when the handset is out of range of the car, and the signal therefore fails to arm or disarm the alarm, the sequence of signals will be lost. It is then necessary to restore synchronisation of the sequence by moving closer to the car and pressing the button three times in quick succession.

**Handset Batteries (page 13)**

The operating range of the handset will decrease when the batteries near the end of their life.

**Fitting the Hood Cover (page 28)**

The fasteners (item 2) have now been replaced by velcro fixings.

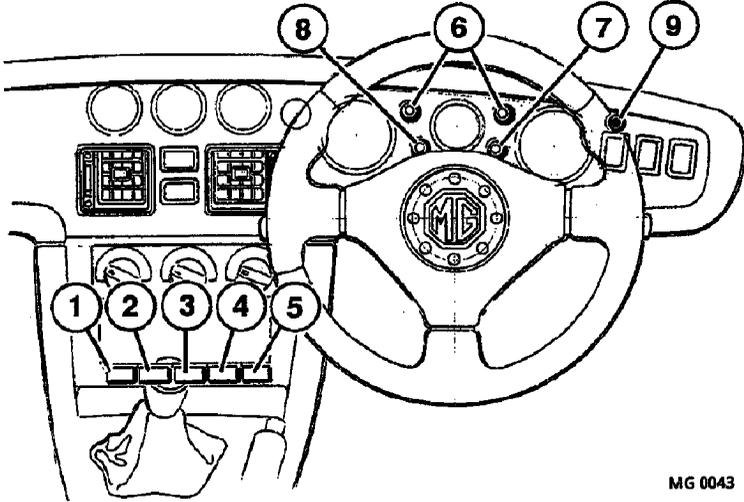
**In-car Entertainment (page 32)**

There are two types of radio/cassette and compact disc player that could be fitted to your car. If the operating instructions contained within your Owner's Handbook do not apply to the unit fitted to your car, please refer to the manufacturer's operating instructions located in your glovebox.

## Warning lights (page 68)

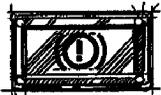
The warning light graphics now conform to ISO standards.

The separate handbrake and brake fluid warning lights have been replaced by a single light which combines both functions. A seat belt warning light has also been added.



MG 0043

### 1. NOT USED



### 2. BRAKE FLUID/HANDBRAKE



### 3. HAZARD



### 4. OIL PRESSURE



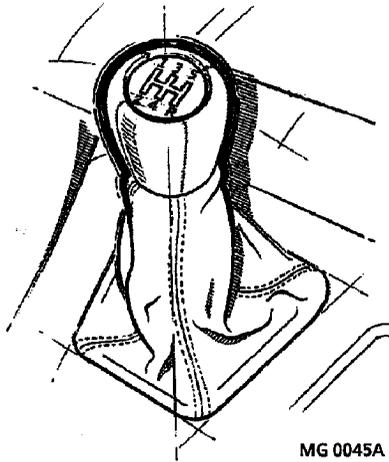
### 5. SEAT BELT

The light will illuminate when the electrical circuits are switched on, and will remain illuminated until the driver's seat belt is fastened.

## **Gearbox (page 74)**

The reverse gear position has been changed, see illustration.

Synchromesh engagement is provided on all gears, and in the neutral position the gear lever is spring loaded to rest naturally between 3rd and 4th gears.



## **RUNNING IN**

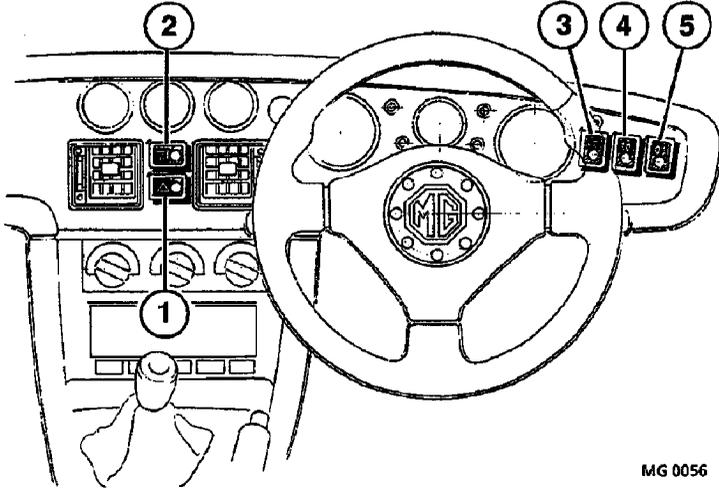
The engine, gearbox, brakes and tyres need time to 'bed-in' and adjust to the demands of everyday motoring. During the first 500 miles (800 km) it is essential that you drive with consideration for the running-in process and heed the following advice:

- DO NOT allow the engine to exceed 3,000 rpm in any gear.
- DO NOT operate at full throttle in any gear.
- DO NOT allow the engine to labour in any gear.
- AVOID heavy braking.

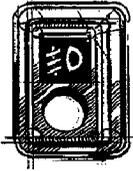
After the running-in distance has been completed, engine speeds may be gradually increased.

## Fascia Switches (page 82)

The position of the front fog lights and rear fog lights switches have changed.



MG 0056



**4. Front Fog Lights**



**5. Rear Fog Guard Lights**

## **TOOL ROLL (page 88)**

Situated in the tool tray in the luggage compartment is a tool roll which includes:

- 1. 8 Spanners**
- 2. 3 screwdrivers**
- 3. Adjustable spanner**
- 4. Pliers**
- 5. Torch**
- 6. Battery remover tool**
- 7. Wheel centre cover key**
- 8. Locking wheel nut removal socket.**

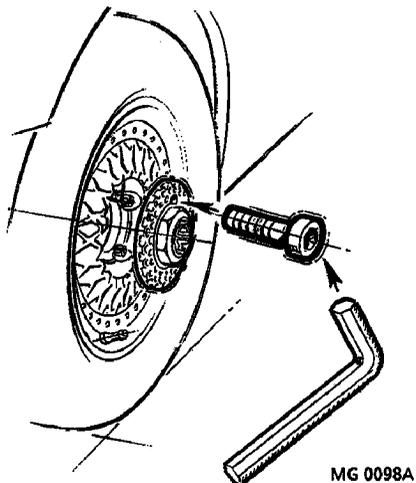
**NOTE:** *The wheel centre cover key and locking wheel nut removal socket should be stored in the same pocket as the torch.*

## **Closing the Bonnet (page 90)**

Stow the support stay in its clip, then lower the bonnet, allowing it to drop for the last six inches (150 millimetres) approx. **DO NOT** press down on the panel. Then check that the lock is **FULLY** engaged by attempting to lift the front edge of the bonnet.

### Changing the Wheel (page 108)

An Allen key is now provided to remove the wheel cover screw.



### Weights (page 121)

Approx unladen vehicle weight (full fuel tank, excluding options)	1130 kg	2490 lb
Max gross vehicle weight	1310 kg	2890 lb