

Section R - Instrumentation

N.B. Instruments part numbers begin with (N)

contents

A

Speedometer

B

Tachometer

C

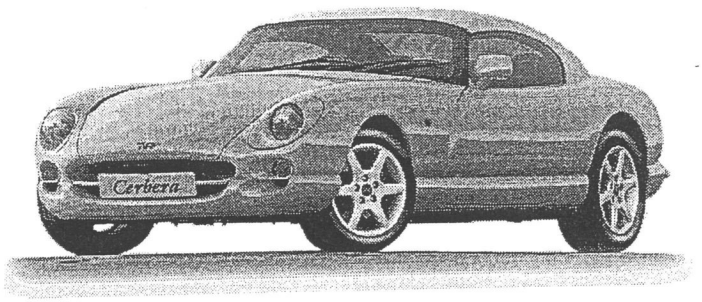
Clock

D

Oil Pressure Water Temp. Gauge

E

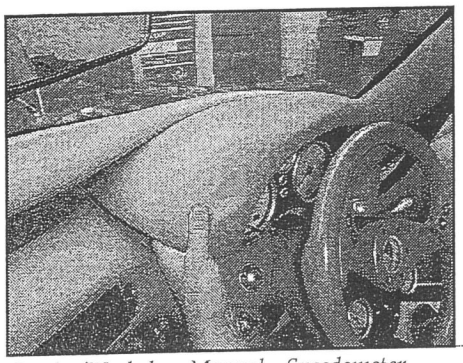
Fuel Gauge



Service / Workshop Manual

Speedometer

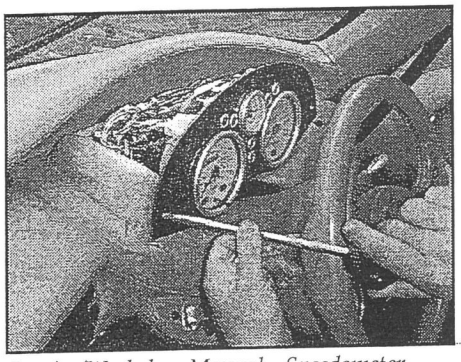
Speedometer Removal/Replacement Procedure



Service/Workshop Manual - Speedometer

1

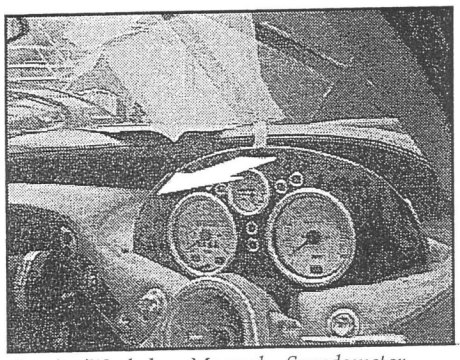
To replace the speedometer dial firstly remove the dash pod.



Service/Workshop Manual - Speedometer

2

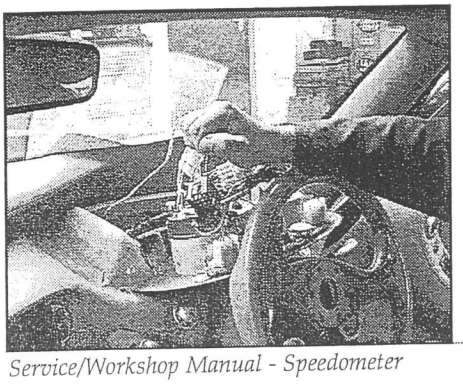
Remove the two self taping screw which secure the walnut fascia in place.



Service/Workshop Manual - Speedometer

3

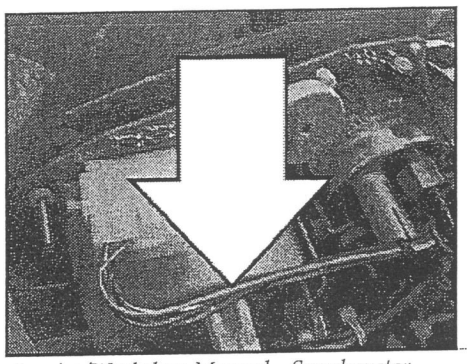
Pull the fascia forward.



Service/Workshop Manual - Speedometer

4

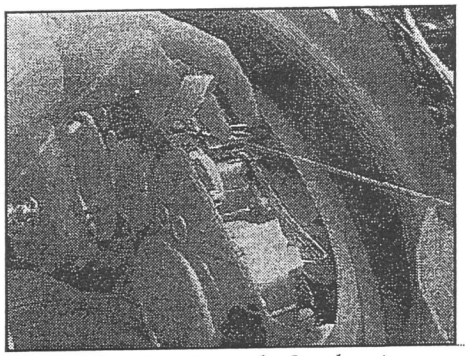
Unplug the main wiring connector.



Service/Workshop Manual - Speedometer

5

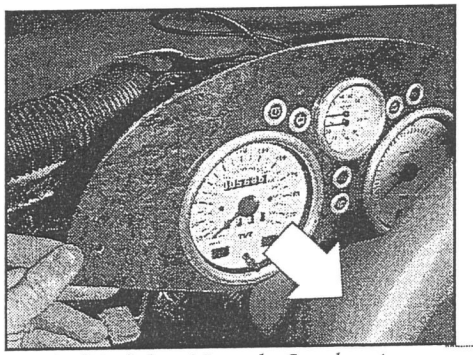
Remove the bulbs.



Service/Workshop Manual - Speedometer

6

Unscrew the securing clamps.



Service/Workshop Manual - Speedometer

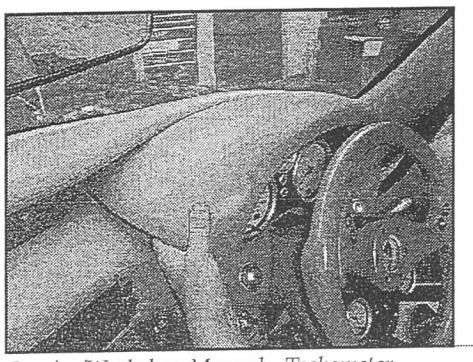
7

Pull the dial forward from the fascia.
To replace reverse outlined procedure.



Service / Workshop Manual

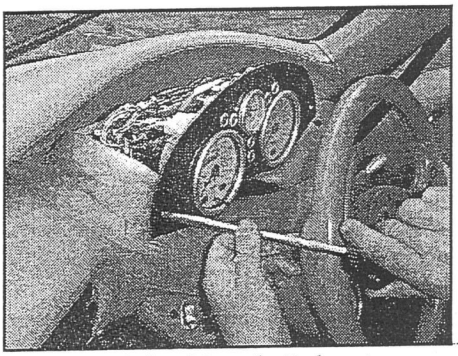
Tachometer



Service/Workshop Manual - Tachometer

1

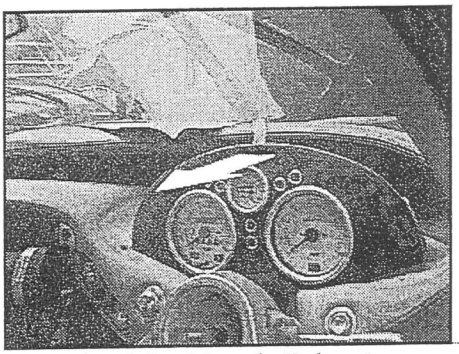
To replace the tachometer dial firstly remove the dash pod.



Service/Workshop Manual - Tachometer

2

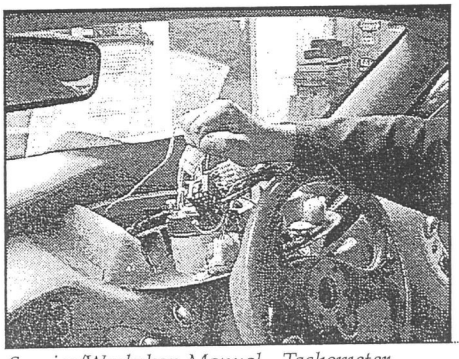
Remove the two self taping screw which secure the walnut fascia in place.



Service/Workshop Manual - Tachometer

3

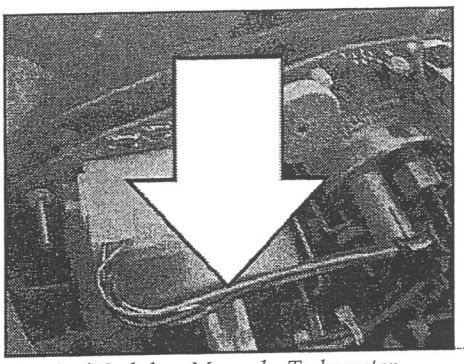
Pull the fascia forward.



Service/Workshop Manual - Tachometer

4

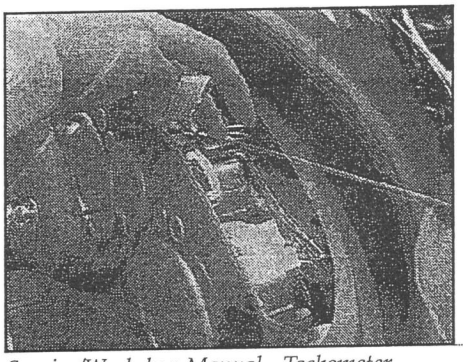
Unplug the 4 single wiring connectors.



Service/Workshop Manual - Tachometer

5

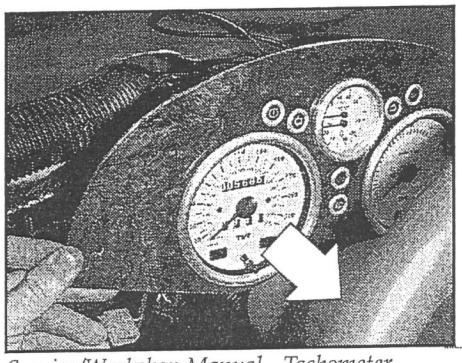
Remove the bulbs.



Service/Workshop Manual - Tachometer

6

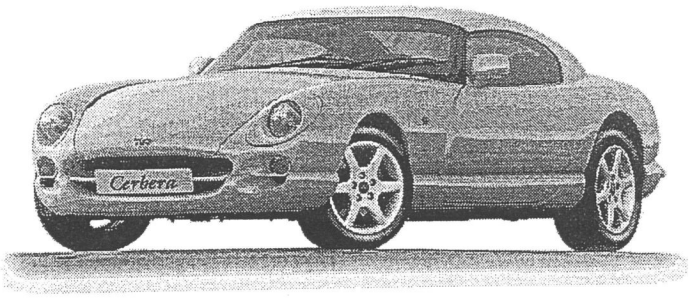
Unscrew the securing clamps.



Service/Workshop Manual - Tachometer

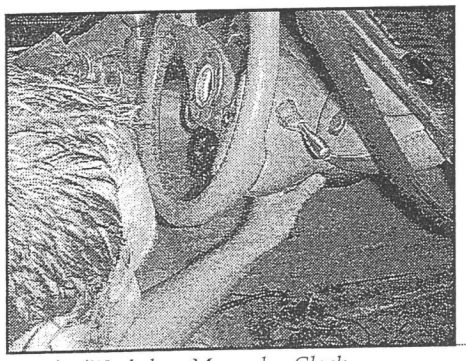
7

Pull the dial forward from the fascia.
To replace reverse outlined procedure.



Service / Workshop Manual

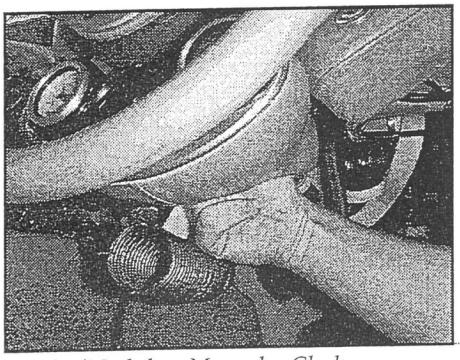
Clock



Service/Workshop Manual - Clock

1

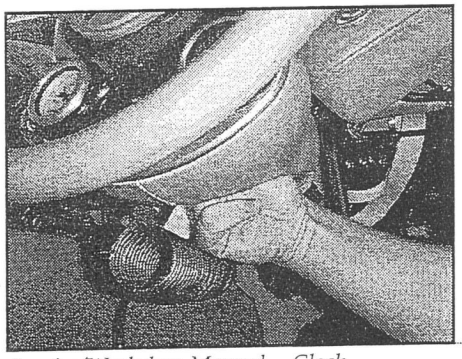
The simplest way of replace the clock gauge is to firstly remove the air vent piping from under the column pod.



Service/Workshop Manual - Clock

2

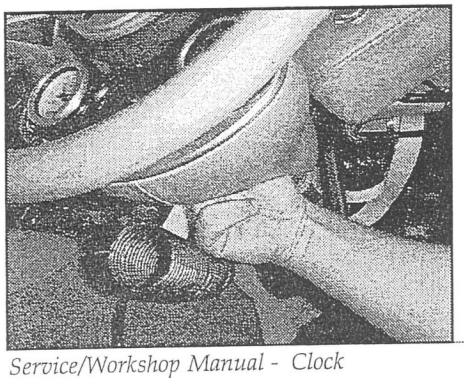
Then reach up behind the column pod and remove the terminals.



Service/Workshop Manual - Clock

3

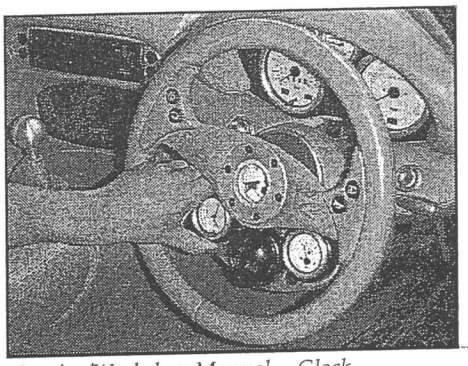
Remove the gauge bulbs in the same way.



Service/Workshop Manual - Clock

4

Unscrew the dials clamps.



Service/Workshop Manual - Clock

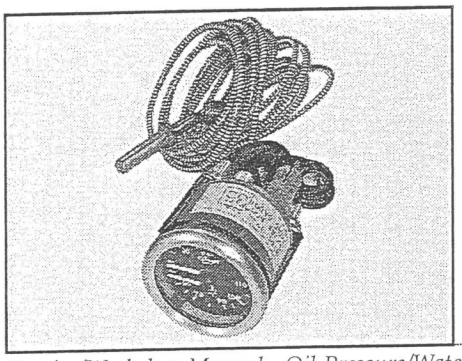
5

The gauge can then be removed.
To replace reverse the outlined procedure.



Service / Workshop Manual

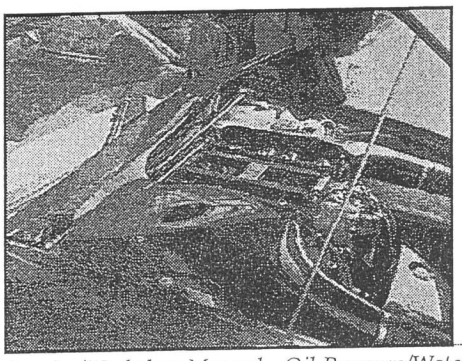
Oil Pressure and Water Temperature Dials.



Service/Workshop Manual - Oil Pressure/Water Temp.

1

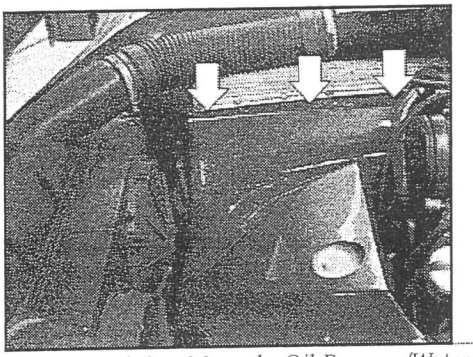
The procedure for replacing the Oil pressure and Water Temperature dials differs slightly from the procedure for the other dials because the sensor cable and water temp sensor are part of a sealed unit which incorporates the dial.



Service/Workshop Manual - Oil Pressure/Water Temp.

2

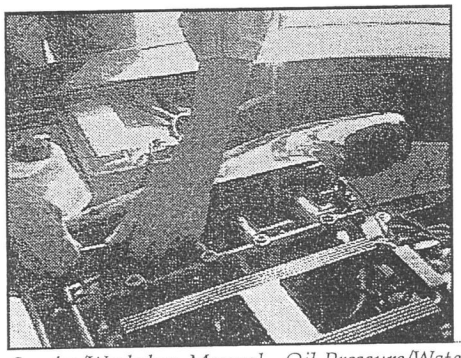
This means that access to the cabling is needed, by firstly removing the upper engine cover.



Service/Workshop Manual - Oil Pressure/Water Temp.

3

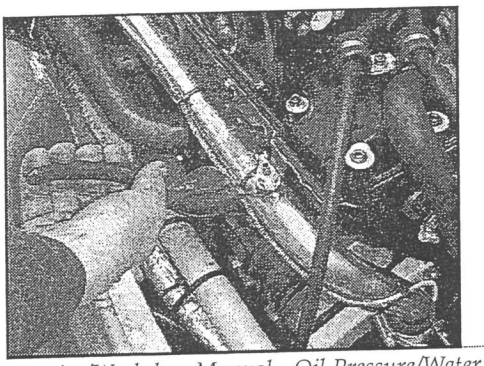
Remove the F1 panel.



Service/Workshop Manual - Oil Pressure/Water Temp.

4

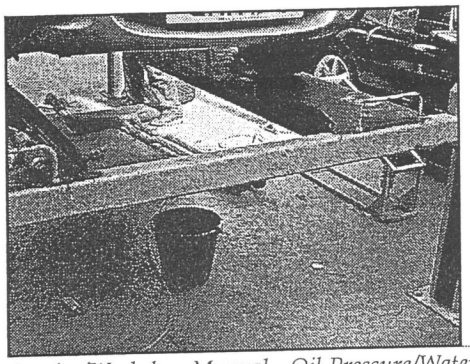
Next remove the air boxes and air pipes.



5

Service/Workshop Manual - Oil Pressure/Water Temp.

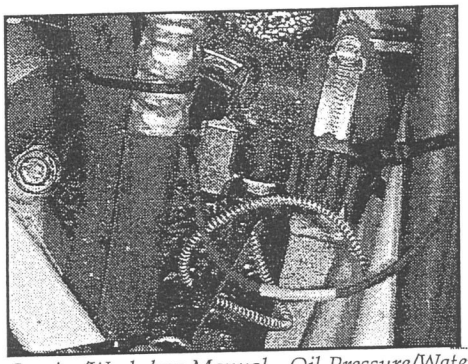
Cut the cable tie wraps which secure the cabling to the chassis.



6

Service/Workshop Manual - Oil Pressure/Water Temp.

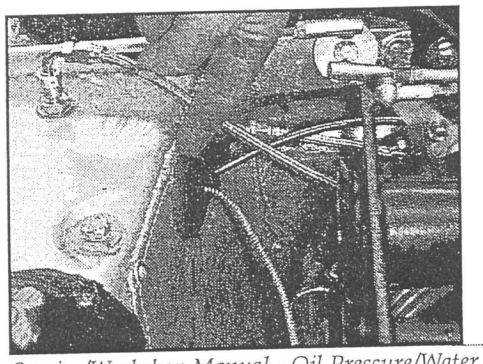
Position drip tray under car to catch any discharged water.



7

Service/Workshop Manual - Oil Pressure/Water Temp.

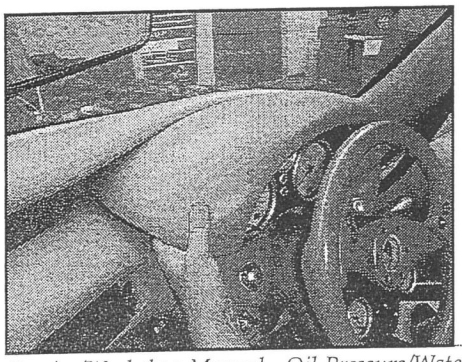
Slowly and carefully unbolt the sensor.
N.B. - It is a good idea to have a sensor handy to use as a blanking plug so not to lose much water from the system.



8

Service/Workshop Manual - Oil Pressure/Water Temp.

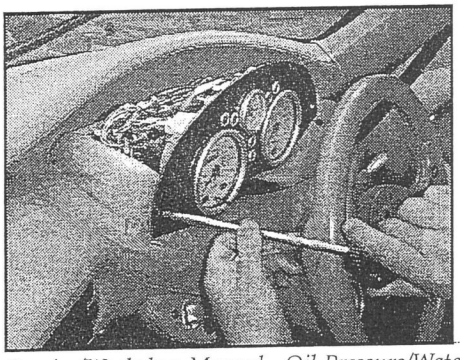
Remove the old grommet from the engine bay to the inside of the wheel arch and pull cable through.



9

Next remove the dash pod.

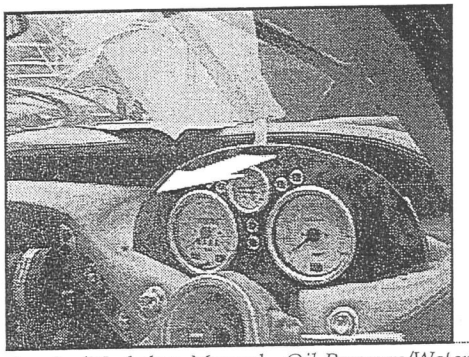
Service/Workshop Manual - Oil Pressure/Water Temp.



10

Remove the two self taping screw which secure the walnut fascia in place.

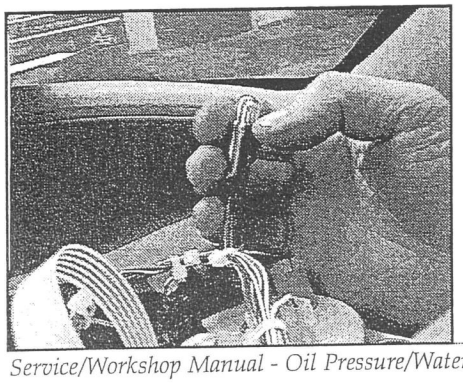
Service/Workshop Manual - Oil Pressure/Water Temp.



11

Pull the fascia forward.

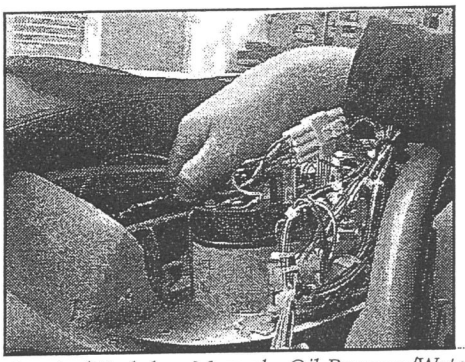
Service/Workshop Manual - Oil Pressure/Water Temp.



12

Remove the bulbs.

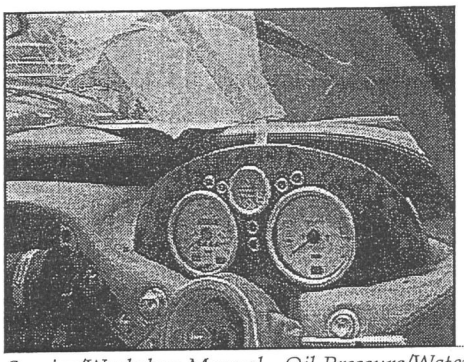
Service/Workshop Manual - Oil Pressure/Water Temp.



13

Service/Workshop Manual - Oil Pressure/Water Temp.

Unscrew the securing clampsa nd the oil capilary pipe.



14

Service/Workshop Manual - Oil Pressure/Water Temp.

Pull the dial forward from the fascia and pull the cabling through the dash and out.
To replace reverse outlined procedure. Starting by fitting a new dial.



Service / Workshop Manual

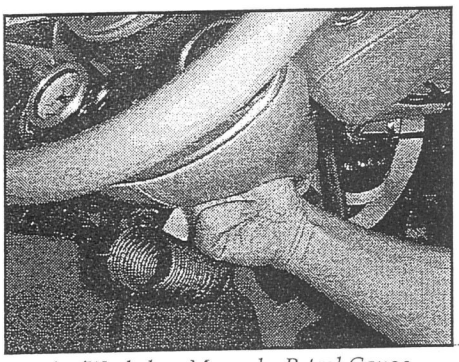
Petrol Gauge



Service/Workshop Manual - Petrol Gauge

1

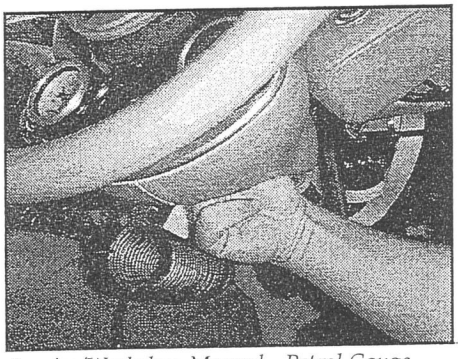
The simplest way of replace a petrol gauge is to firstly remove the air vent piping from under the column pod.



Service/Workshop Manual - Petrol Gauge

2

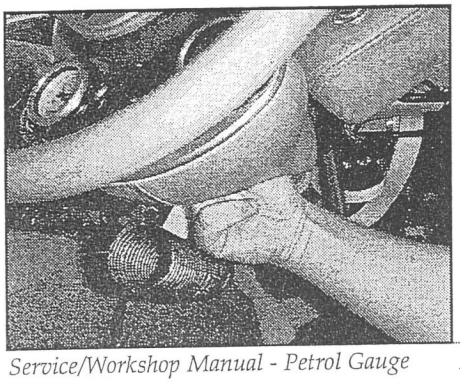
Then reach up behind the column pod and remove the terminals.



Service/Workshop Manual - Petrol Gauge

3

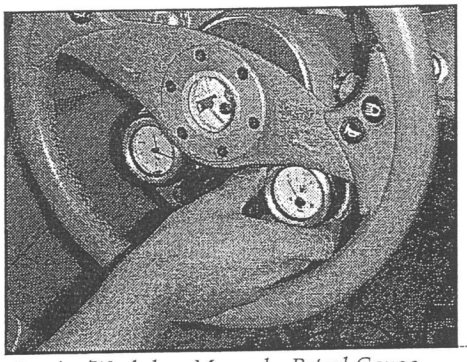
Remove the gauge bulbs in the same way.



Service/Workshop Manual - Petrol Gauge

4

Unscrew the dials clampes.



Service/Workshop Manual - Petrol Gauge

5

The gauge can then be removed.
To replace reverse the outlined procedure.