

RAM PISTONS

The ram pistons are not handed and can be fitted to either side of the vehicle.

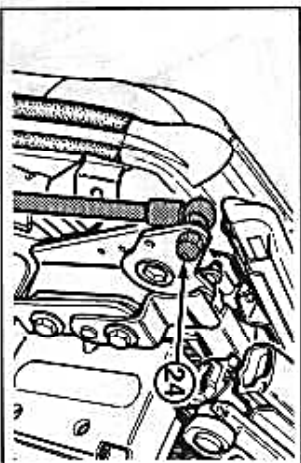
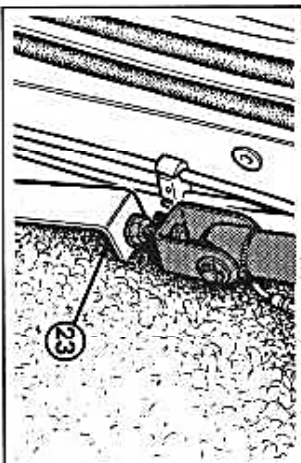
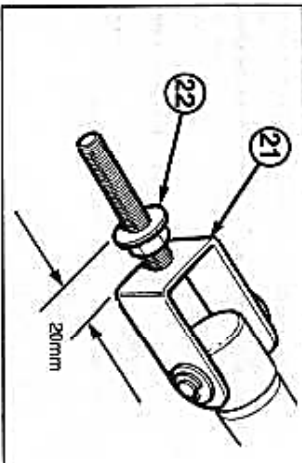
Right Hand Side

- 20 Route the rams and hoses across the rear bulkhead under the insulation and carpet to the right hand ram bracket.
- 21 Fit the U shaped pivot bracket to the bottom of the rear using clevis pin, 2 M8 plain washers and circlips.
- 22 Fit M8 flange nut to the threaded stud on the bottom of the pivot bracket with the flange facing downwards leaving 20 mm of exposed thread between the bottom of the nut and the bottom of the bracket.
- 23 Fit the RH ram piston to the ram mounting bracket. Secure with M8 flange nut. Do not fully tighten, adjustment will be required.

- 24 Secure the ball joint at the top of the ram piston to the hood filter bracket with M8 locknut. Tighten to 80Nm and fit plastic cover.
- 25 Secure the hoses to the rear panel with tape.

WARNING:

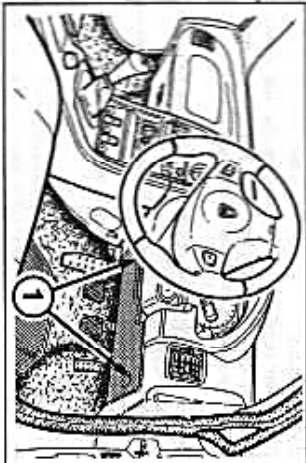
Ensure the hoses are secure and clear of moving parts.
Ensure the hoses are not kinked or under strain.



RAM PISTONS

Left Hand Side

The instructions for fitting the right hand piston are the same as the left hand.



POWER HOOD HARNESS

- 1 Remove 2 screws, release 2 lumbuckles and remove fuse box cover.
- 2 Pull back the carpet in the driver's footwell and along the door sill.
- 3 Locate the 2 way connector with White/Red and Black/White wires on the Power Hood Harness and fit to the pump connector.
- 4 Route the harness under the carpet and insulation along the bottom of the bulkhead panel and tape it in place.
- 5 Locate the two one way connectors with Yellow/Brown and Black wires on the harness and route up the rear bulkhead behind the hood mounting bracket.

WARNING:

Ensure the wires are clear of moving parts.

- 6 Locate the micro-switch in the kit and bend the actuating lever as shown in the diagram.
- 7 Fit the micro-switch to the angle bracket with 2 M3x16mm screws and nuts.

NOTE:

Counter-sink the switch fixing holes so that the screw heads are flush with the surface of the switch.

- 8 Connect the two one way connectors to the upper and lower terminals. (The middle terminal is not used).

NOTE:

The connectors can be fitted to either terminal.

- 9 Fit the assembled switch to the hood filter bracket with 2 Mitsubishi domed hex-head screws.
- Close hood, adjust micro switch bracket to align switch lever against rear hood. Stick and tighten screws.
- 10 Route the remaining harness under the carpet, down the door post, along the sill and up to the fuse box.

