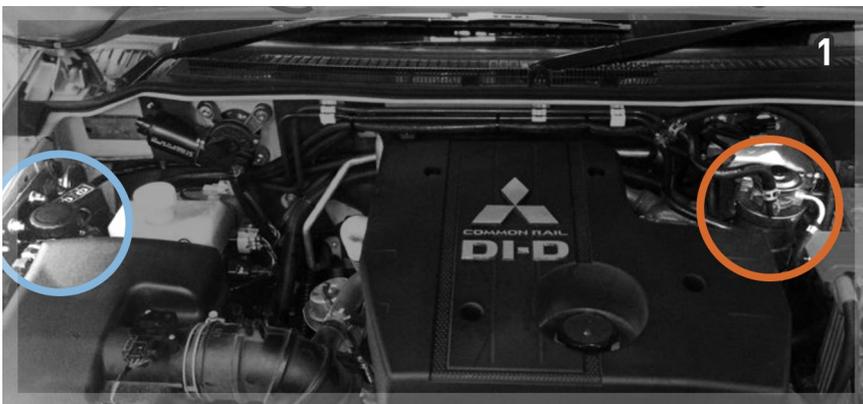


**FM607DPK****FUEL MANAGER**  
**FITTING INSTRUCTIONS**

Use this guide to assist in the installation of the Western Filters, Fuel Manager Pre-Filter Kit. This kit will only fit the stated vehicle. Although these kits are aimed at DIY enthusiasts, we suggest the inexperienced organise a mechanic to carry out the installation.

**BEFORE STARTING: PLEASE READ THIS IMPORTANT INFORMATION**

- Ensure the engine bay is clean and free from contaminants.
- The Fuel Manager unit has arrows which indicate flow located under the ports.
- Install all fittings & plugs into the filter assembly using a suitable thread paste such as Permalock Thread Sealant.

**\*\* Kit contents may change due to refinement or parts availability.**

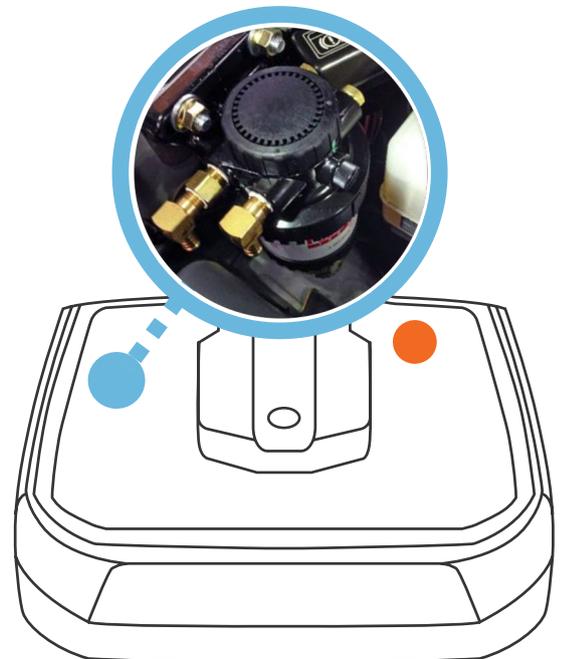
**NOTES:**

The Fuel Manager will be mounted on the inner guard of the drivers side back corner of the engine bay.

**(see right: engine bay - Blue Dot)**

The factory filter is located on the firewall on the passenger's side. Fuel hoses will be routed from this filter to the Fuel Manager along the firewall and back again. Ensure the hoses are safely secured with cable ties.

**(see right: engine bay - Red Dot)**

**FM607DPK Kit Contains:**

- 1x Fuel Manager 100 30 Micron Filter Assy
- 1x Vehicle Specific Bracket
- 7x Cable Tie 280x4.8mm (UV)
- 4x Fuel Line Rubber 10mm DFL10
- 2x NPT Straight 10mm
- 2x NPT Plug 1/4" DP733-04
- 2x Push-on 90° 10mm
- 2x Hose Clamp 10mm
- 2x Bolts with Nuts
- 4x Washers
- 1x Nyloc Nut M8
- 1x Zinc Bolt 8x17mm



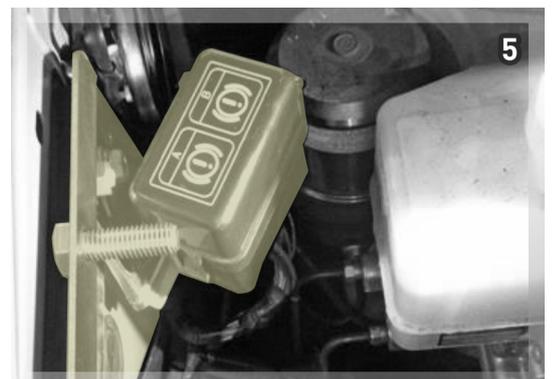
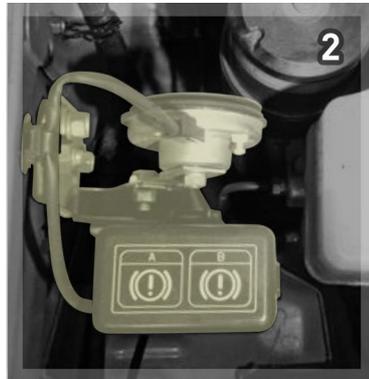
FM607DPK



## FUELMANAGER<sup>®</sup>

### FITTING INSTRUCTIONS

### Fitting Instructions:



1. The FM Bracket will be fixed in place by 2x8mm studs and 1x 8mm bolt. The rear stud and bolt are currently used to mount the ABS relay and an anti theft warning horn (Img2). Both these items are remounted in the same position after installation but are slightly modified (later model Pajero's may not have the horn).
- 2a. Disconnect the wire from the horn. With a small screwdriver release the clasp to allow the ABS relay to be removed from the ABS mounting bracket. Now remove the bolt and nut that secures the bracket to the inner guard.
- 2b. Modify the bracket by bending it about 45 degrees (Img3).
- 2c. The horn is also mounted by the same bolt. Dismantle the two piece Horn bracket (Img4). Only the flat metal piece attached to the horn is used when re-mounting the horn.
3. Place two 10mm bolts through the Fuel Manager's Vehicle Specific bracket prior to sliding the bracket on to the two studs on the inner guard, secure with a nut on the front stud only.
4. Re-position the newly modified ABS relay bracket and secure with a nut. Now re-position the horn and secure with the bolt. Tighten both nuts and the bolt. Refit the ABS bracket and re-connect the horn wire (Img5).

**Fitting Instructions:**

**FM607DPK**

**NOTE: Identify the Ports, Inlets and Outlets**

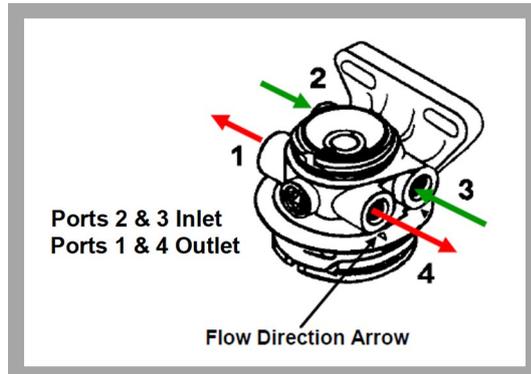
5. Install the brass plugs and fittings into the Fuel Manager housing as follows using the thread sealant.

**Ports-3 & 4:** Install the 2x Blanking Plugs in to the Fuel Manager's threaded Ports at positions (**Img.6**).

**Port-1:** Install a Brass Quick fitting.

**Port-2:** Install the Extension Adapter, then screw the last Brass Quick fitting in to the Ext.Adapter.

**NOTE: The arrows near the threaded holes which indicate direction of flow - "IN / OUT".**



6. Mount the Fuel Manager Filter to the Bracket and secure using the 10mm bolts and nuts (**Img.6**).

7. Connection of Fuel Hose to Factory Filter (**Img.7**).

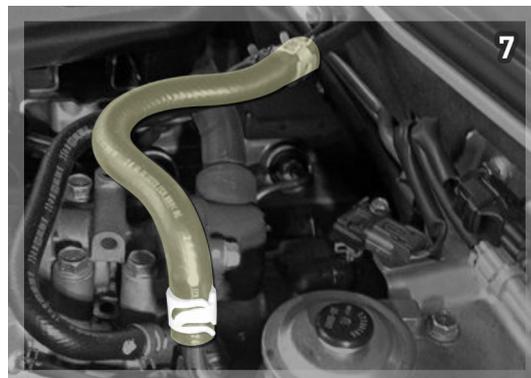
This image shows the plumbing of the factory filter in standard configuration before the Fuel Manager Kit Installation. Loosen the hose clamps and remove the short hose that connects the steel supply pipe on the firewall to the Inlet pipe of the filter. This Hose is no longer required.



8a. Cut the 4 metres of fuel hose supplied into half.

8b. Route one hose from the factory fuel filter across the firewall to the Fuel Manager filter. Install one of the black quick fittings and secure with a hose clamp. Attach this to the inlet of the Fuel Manager. The other end of the hose needs to be connected to the steel supply pipe on the firewall near the factory filter. Clamp end securely.

8c. Route the other hose from the factory fuel filter across the firewall to the Fuel Manager filter. Install a black quick fit using a hose clamp and connect to the Fuel Manager Outlet brass fitting (1). The other end of the hose needs to be connected to the INLET of the factory filter. Take care not to kink the hose by bending it too tightly. Tighten clamps.



8d. Plumbing of the Factory Filter after hoses have been connected (**Img.8**).

**\*\* IMPORTANT \*\* Take Extreme Care With Cleanliness !!!**  
Do not allow dirt or foreign particles to enter the hose or fittings!  
Double check your connections regarding flow are correct before checking the hose clamps are tight. Use Zip-ties to tie the hoses between both ends.

9. Purge air from the system by temporarily removing the hose from the outlet of the factory filter. Place a small container under the outlet pipe to catch diesel. Pump the button primer until an air free stream fuel flows, now replace the hose and tighten the clamp.

10. Continue pumping the primer until it feels firm.

11. Start the engine. It should take about 3-4 seconds of cranking to start.

12. Check the installation for leaks.

