



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.

#### **Fitting Instructions:**

1. Remove the 10mm bolt the secure the battery retention bracket to the guard just behind the passenger side headlight. Retain this bolt as it will be reused.
2. Remove the 10mm bolt securing one side of the power steering reservoir that is in line with the ISUZU build plate on the radiator support panel. Retain this bolt as it will be used later.
3. Place the pre-filter mounting bracket into its mounting location so that the flange is facing up. The horizontal tab on the mounting bracket will need to be slipped underneath the battery retention bracket.
4. Loosely re-install the 10mm bolt that was removed from the battery retention bracket.
5. Line up the other end of the pre-filter bracket with the bolt hole for the power steering reservoir mounting bracket. Re-install the 10mm bolt that was previously removed and tighten.
6. Tighten the 10mm bolt that secures the battery retention bracket.
7. Mount the FM100 Pre-filter assembly to the mounting bracket using the 2x 10x30mm bolts, 4x10mm flat washers, 2x10mm nyloc nuts.
8. Install the 1/4" NPT adapters, using a small amount of the supplied thread sealant to the inlet and outlet ports that are facing towards the rear of the vehicle.
9. Install the 1/4" NPT plugs into the two remaining ports facing towards the front of the vehicle, using a small amount of the supplied thread sealant and tighten.
10. Lift the factory fuel filter out of the factory mounting bracket and let sit to one side.



#### **FUEL MANAGER FITTING INSTRUCTIONS**



#### **FM631DPK Kit Contains:**

- 1x FM 30 Micron Filtration Unit
- 1x FM100 30 Micron Filter Assy
- 1x Vehicle Specific Bracket
- 1x Fuel Line Rubber 12mm DFL12
- 2x Hose Clamps 12mm FMC12
- 2x Push-on Straight 12mm
- 2x 1/4" NPT Straight 12mm
- 2x 1/4" NPT Plug DP733-04
- 1x 2x Bolts, 2x Nuts, 4x Washers
- 1x Thread Paste Sealant (6ml Tube)



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### Fitting Instructions: (cont.)

11. Identify the hose on the factory fuel filter that is closest to the fender, this is the inlet hose. Trace this hose down to the firewall.
12. Disconnect factory fuel filter inlet hose from both ends and completely remove from the vehicle.  
Retain this hose in a safe place so the vehicle can be returned to factory in the future.
13. Measure from the steel pipe on the firewall (this pipe comes from the tank) to the inlet port of the fuel manager head (the arrows on the head indicate direction of flow) and cut to length a piece of the supplied 12mm hose.
14. Lubricate the barbed end of one push-lock fitting and the inside portion of the hose to be fitted with a push-lock fitting with diesel fuel or WD40.
15. Insert the barbed end of one push-lock fittings into the pre-lubricated end of the hose.  
Ensuring that the hose stops firmly against the inside of the bell cover.
16. With the assembled hose, screw the push-lock fitting on to the inlet port of the pre-filter.  
  
Connect the other end of the same hose to the steel fuel line coming from the tank and secure using a supplied 12mm hose clamp.
17. Lubricate the barbed end of the remaining push-lock fitting  
and the inside portion of the remaining hose to be fitted with a push-lock fitting with diesel fuel or WD40.
18. Insert the barbed end of the remaining push-lock fittings into the pre-lubricated end of the hose.  
Ensuring that the hose stops firmly against the inside of the bell cover.
19. With the now assembled hose, screw the push-lock fitting on to the outlet port of the pre-filter.
20. Measuring the hose in place between the outlet port of pre-filter the inlet of the factory fuel filter, cut the hose to length.
21. Connect the 12mm fuel hose to the inlet of the factory fuel filter  
and secure with a supplied 12mm hose clamp
22. Refit the factory fuel filter back into its mounting bracket.
23. Apply a small amount of LOCTITE thread sealant to the two black NPT plugs  
and install them into the two remaining ports in the pre-filter head.
24. Using the supplied nylon cable ties, secure any lose hose from rubbing on any other components.
25. Bleed the fuel system by pumping the hand primer on the factory filter until firm.
26. Start vehicle and run the vehicle, whilst checking all connections for leaks.



**FUEL MANAGER**  
FITTING INSTRUCTIONS