



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. Disconnect the electrical connector from the factory filter.
2. There will be a clip holding a cable onto the factory bracket, remove this clip from the bracket.
3. Remove the bolt that is holding the ECU beside the factory filter bracket. Lift the factory filter from the holding bracket. Remove the harness clip from the factory bracket, by squeezing the 2 lugs on the engine side of the bracket (Img1).
4. Remove the 5x retaining bolts holding the factory filter bracket. Discard the factory filter bracket (Img3).
5. Mount the FM Bracket into place using the existing 5x mounting bolts. There will be an extra bolt supplied, use this in the lower bracket.
6. Mount the factory filter onto the bracket. The cable clip is now mounted on the left hand side of the bracket near the fuse box. Reconnect the electrical connector and harness clip (Img 4).
7. Mount the ECU onto the top right hand side of the Bracket.(Img 4).
8. Using the Thread Sealant for each screw-in fitting. Install the 2x brass plugs in to Pos:3&4 of the Fuel Manager. Install 1x elbow fitting in to Pos:2 and tighten to 2 o'clock. Install the adaptor fitting into Pos:1 then install the elbow into the adaptor and tighten to 3 o'clock (Img4).
9. Mount the Fuel Manager unit to the FM Bracket using the 10mm bolts supplied.
10. Disconnect the inlet hose from the factory filter and fit this to the elbow fitting on the FM closest to the mounting bracket (Pos:2), secure using supplied clamp.
11. Using the supplied hose (trim ends to suit), connect one end on to the factory filter inlet, secure using supplied clamp. Connect the other end of the hose to the FM Outlet secure using supplied clamp (Img3).
12. Prime the fuel system. Pump the primer on the factory filter until the primer goes firm. The engine is now ready to start. If the engine stalls, re-prime the system until the primer goes firm.

**FM628DPK****FUELMANAGER<sup>®</sup>**  
**FITTING INSTRUCTIONS****FM628DPK Kit Contains:**

- 1x Fuel Manager 30 micron Filtration Unit
- 1x Fuel Manager 100 30 Micron Filter Assy
- 1x Vehicle Specific Bracket
- 1x Fuel Line Rubber 10mm DFL10
- 2x Push-on 90° 10mm
- 2x 1/4" NPT Straight 10mm
- 2x 1/4" NPT Plug DP733-04
- 1x 2x Bolts, 2x Nuts, 4x Washers
- 1x Thread Paste Sealant (6ml Tube)
- 1x Cable Tie 280x 4.8 (UV)
- 1x Zinc Bolt 6x25mm
- 1x Nyloc Nut 6mm
- 2x Hose Clamps



# TOYOTA Hilux & Fortuner 2.8L

2016-on D4D N80 GUN-126R



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**NOTES:** The Fuel Manager has arrows to indicate direction of flow under each threaded hole, these holes are also numbered 1, 2, 3 & 4. Double check your connections regarding flow to ensure they are correct before securing with hose clamps. Use Zip-ties to tidy the hoses. Take care with cleanliness when installing the filter assembly and associated pipes and fittings to prevent the ingress of contaminants.

## FUELMANAGER FITTING INSTRUCTIONS

