



## Pre-Filter Fitting Instructions ( Feb 2015 )

TOYOTA Prado 150 Series (Single battery)



### IMPORTANT: Before Starting

- ❑ 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 and plugs into the filter assembly using a suitable thread paste such as Permatex Thread Sealant 592914.

Kit Part No: FM623DPK

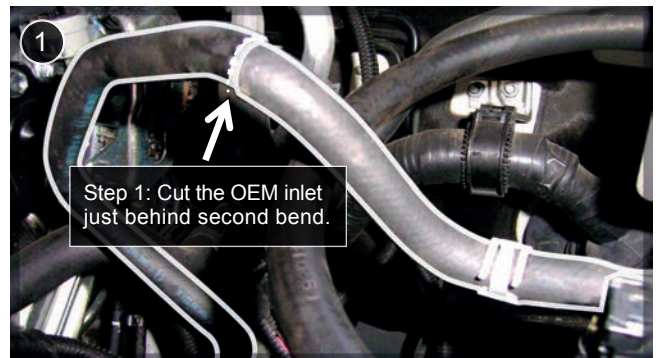
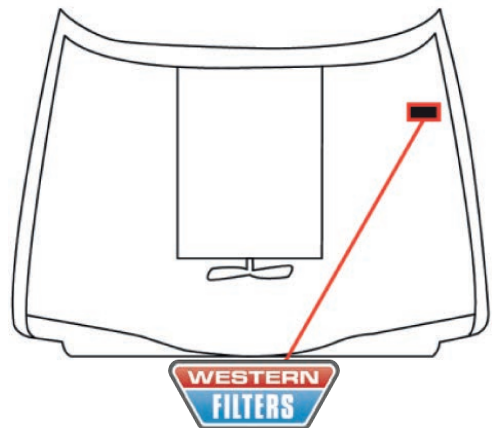
### KIT CONTENTS

1. Fuel Manager 30 micron Filtration Unit
2. Mounting Bolts, Washers and Nyloc Nuts
3. Spare 30 Micron Replacement Filter
4. 1m 3/8 Inch Quality Fuel Hose
5. Direction Plus Filter Bracket
6. 3/8 Inch Straight Barb Fittings
7. Blanking Plugs
8. Hose Clamps

**IMAGE 1:** The OEM hose originally runs from the fuel supply (tank) to the inlet of the OEM filter. This hose needs to be cut as indicated and attached to the inlet of the Fuel Manager.

**Step 1:** Remove inlet hose from OEM filter and cut just behind second bend.

**Step 2:** Remove the 2x retaining nuts from the top of the OEM filter.



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**IMAGE 2:** This image shows the Fuel Manager in place. It shows the cut OEM hose to the inlet of the Fuel Manager. Supplied hose from the FM Kit to the factory filter. OEM hose to pump.

**Step 3:** Install the kit bracket beneath the OEM filter housing and refit the retaining nuts (*highlighted*).

Install the bolt with the small washer through the bracket base and secure the large washer and nut to other side.

**Step 4:** Install all fittings and plugs into the filter assembly using suitable thread paste sealant such as Threebond 1110B. *Note: straight barbs in ports 3 & 4, blanking plugs in ports 1 & 2.*

**Step 5:** Mount Fuel Manager filter assembly on to the bracket.

**Step 6a:** Connect the cut OEM hose to the inlet of the Fuel Manager filter (*Port 3*). (*highlighted*)

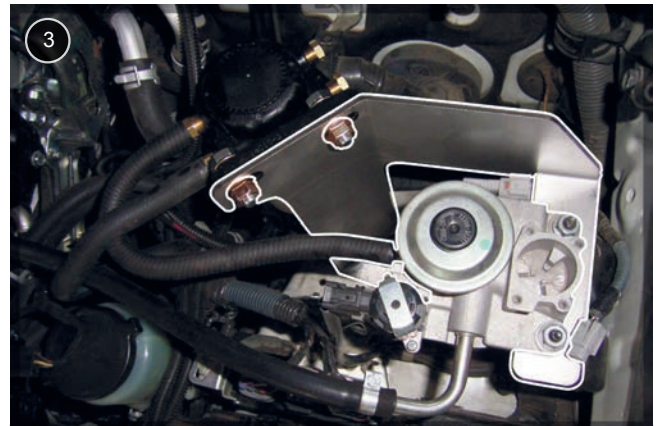
**Step 6b:** Connect the inlet side of the OEM filter to the outlet (*Port 4*) of the FM filter using a length of the hose supplied.

**Step 7:** Ensure all fuel lines are suitably secured.

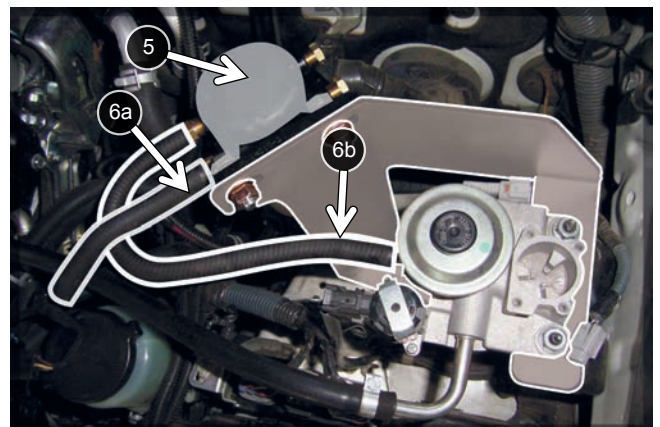
**Step 8:** Prime the system using the hand primer on the factory filter. When the primer goes firm, the engine is ready to start.

- If the engine stalls, repeat this process.
- If it is taking too long to fill the Fuel Manager Filter, remove the filter and fill with clean diesel.

Prime again and start.



Step 3: Install kit bracket beneath OEM filter housing.



Step 5: Mount Fuel Manager filter assembly on to the bracket.

Step 6a: Connect the cut OEM hose to the inlet of the Fuel Manager filter (Port 3).

Step 6b: Connect the inlet side of the OEM filter to the outlet (Port 4) of the FM filter using a length of the hose supplied.