

# **TOYOTA LC Prado 150s**

## 2013-17 2.8L KDJ 1GD-FTV

# Suits DUAL Battery





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.

## FM623DPK Kit Contains:

- 1x Fuel Manager 100 30 Micron Filter Assy
- 1x Vehicle Specific Bracket
- 1x Fuel Line Rubber 10mm DFL12
- 1x Thread Sealant 6ml
- 2x 1/4" NPT Straight 10mm
- 2x 1/4" NPT Plug DP733-04
- 2x Push-on Straight 10mm
- 2x Hose Clamps 10mm
- 1x 2xBolts 2xNuts 4xWashers
- 1x Zinc Bolt 6x25mm
- 1x Nyloc Nut 6mm
- 1x Washer 6mm









T:02 9831-1715 | 45 Forge St. Blacktown. NSW 2148 | MON to FRI: 7:00am-5:00pm | SAT: 7:00am-12:00pm











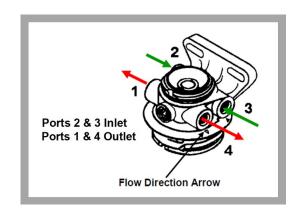
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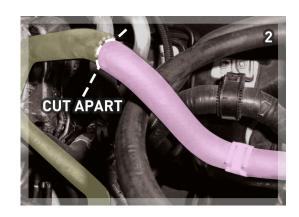




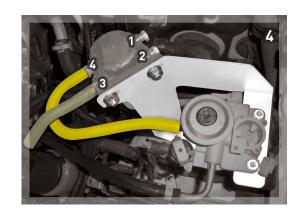
# Fitting Instructions:

### FM623DPK

- 1. The Fuel Hose runs from the Fuel Supply (Pump) to the Inlet of the Fuel Filter. This Hose (khaki/pink), needs to be cut as indicated and attached to the Inlet of the Fuel Manager (FM). Remove the 2x Retaining Nuts from the Top of the Fuel Filter. Then remove the hose from the Filter and the other end from the Fuel Pump. Cut just behind the second bend (Imgs.2&3).
- 2. Install the FM Bracket beneath the Fuel Filter housing and refit the Retaining Nuts (Img.3). Install the bolt with the small washer through the Bracket base and secure the large washer and nut to other side.
- 3. Install all fittings and plugs in to the FM unit assembly using the thread paste as follows:
  - Ports: 3 & 4 / straight barbs (Img.4).
  - Ports: 1 & 2 / blanking plugs (lmg.4).
- 4. **Mount Fuel Manager** filter assembly on to the bracket.
- 5. Connect the cut Fuel Pump hose to the FM Inlet (Port: 3).
- 6. Attach one end of the Supplied Hose to the FM Outlet (Port:4) and the Other end to the Fuel Filter (gold hose).
- 7. Ensure all Fuel Lines are suitably secured.
- 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.
- 9. Prime again and start.













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