

# TOYOTA Land Cruiser 75 Series

## Direction-Plus™ Pre-Filter Kit Installation Guide

This document is to be used as a guide for the installation of the Direction-Plus™ Fuel Manager™ FM100 pre-filter Kit to a Toyota 75 series. It is recommended that the installation of the product be carried out by a competent qualified mechanic.

### Important before starting

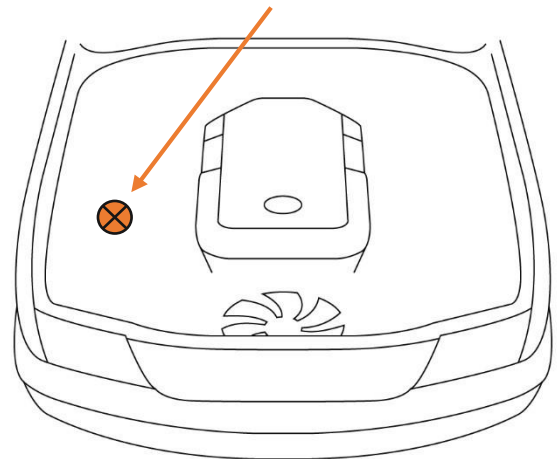
- Ensure the engine bay is clean and free from contaminates
- The fuel manager filter head has direction arrows indicating the direction of flow
- You have the correct tools to complete the fitment
- Read the instructions in full and familiarize yourself with the installation, before commencing any work

### Kit contents

1/4 "NPT STRAIGHT - 12MM 2 BOLTS 2 NUTS 4  
WASHERS  
BRACKET - 70 SER LANDCRUISER  
DFL12 - FUEL LINE RUBBER (12MM)  
DP733-04 - 1/4 "NPT PLUG  
ELEMENT ASSEMBLY 30M - 3.6"  
FM ENGINE BAY LABEL  
FM100 30 MICRON FILTER ASSY  
FMC12 - CLAMP 12MM  
LOCTITE 567 THREAD SEALANT - 6ML  
P CLAMP 20MM  
PUSH ON STRAIGHT - 12MM  
WINDSCREEN LABEL

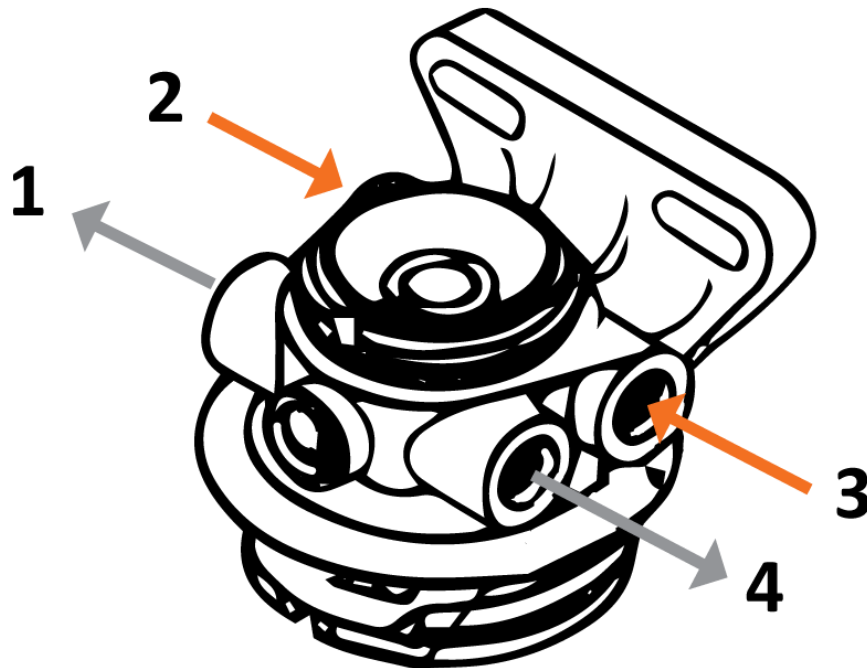
2  
1  
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1

Pre-filter mounting location



\*Kit contents are subject to change based on component availability and/or refinement

## Fuel Manager Pre-Filter Normal Flow Header Connection



**Ports 2 and 3 = INLET**  
**Ports 1 and 4 = OUTLET**



## **Installation Guide**

1. Remove inlet hose from original/ factory fuel filter.
2. Remove the three (3) retaining bolts holding the power steering reservoir on the driver's side inner mudguard (just behind the airbox).
3. Install the Direction Plus bracket by sliding it under the power steering reservoir.
4. Refit the three (3) retaining bolts into the power steering reservoir and tighten to original specifications.
5. Ensuring you have a push-lock barb fitting on the INLET and OUTLET side, install the ¼ NPT barb fittings into the Direction Plus filter assembly using the supplied LOCTITE thread sealant.
6. Lubricate the barbed end of one (1) of the push-lock fittings and the inside portion of the hose to be fitted with a push-lock fitting with diesel fuel or WD40.
7. Insert the barbed end of one (1) of the push-lock fittings into the pre-lubricated end of the hose. Ensuring that the hose is firmly stopped against the inside of the bell cover.
8. Fit the supplied fuel line to the INLET side of the factory Toyota final filter and to the OUTLET side of the Direction Plus Pre-Filter assembly.
9. Fit the original/ factory supply fuel line in to the INLET port of the Direction Plus Pre-Filter.
10. Reconnect outlet pipe of the factory filter to the inlet of the common rail supply pump.
11. Apply a small amount of LOCTITE thread sealant (supplied) to the two (2) remaining black ¼ NPT plugs and install them in to the two (2) remaining ports on the Direction Plus pre-filter head/ assembly.
12. Ensure all fuel lines are suitably secured.
13. Using the supplied nylon cable ties, secure any loose hose to prevent it from rubbing against any other components.
14. Prime the system using the hand primer on the factory filter. When the primer goes firm, the engine is ready to start.
15. Start and run the engine whilst checking ALL connections for leaks.

END OF GUIDE