



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 52914.

Toyota 2016 Hilux D4D & All NEW Fortuner (2.8L)

KIT CONTENTS

LOCATION

 <ul style="list-style-type: none"> A. Filter assembly 30 Mic (x1) B. Plug (x2) C. 90° adaptor (x2) D. Barb fittings (x2) E. Adaptor extension fitting (x1) F. 10mm Fuel Hose x1.0m G. Hose Clamp 10mm (x4) H. 6mm Nut (x1) I. 6mm Bolt (x1) J. 10mm Nut (x2) K. 10mm washers (x4) L. 10mm Bolt (x2) M. Ziptie (x1) N. Bracket (x1) O. Spare Filter (x1) 	 <p><i>Estimated positioning within engine bay</i></p>
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PLEASE NOTE: Take care with cleanliness when installing the filter assembly and associated pipes and fittings to prevent the ingress of contaminants. The Fuel Manager has arrows to indicate direction of flow under each threaded hole, these holes are also numbered 1, 2, 3 & 4

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 (See img 1).
 4. Remove the 5x retaining bolts holding the factory filter bracket. Discard the factory filter bracket (See img 3).
 5. Mount the NEW Bracket into place using the existing 5x mounting bolts. There will be 1 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 (See img 4).
 7. Mount the ECU onto the top right hand side of the Bracket. (See img 4).
 8. Using Permatex Thread Sealant, for each screw-in fitting. Install the 2x brass plugs into positions #3 & #4 of the Fuel Manager. Install 1x elbow fitting into position #2 and tighten to 2 o'clock. Install the adaptor fitting into position #1 then install the elbow into the adaptor and tighten to 3 o'clock (See img 5).
 9. Mount the Fuel Manager Filter to the NEW Bracket using the 10mm bolts supplied.
 10. Disconnect the inlet hose from the factory filter and fit this to the elbow fitting on the Fuel Manager closest to the mounting bracket (Position #2), secure using supplied clamp.
 11. Using the supplied hose (trim ends to suit), connect one end onto the factory filter inlet, secure using supplied clamp. Connect the other end of the hose to the Fuel Manager outlet (Position #7), secure using supplied clamp (See img 2).
- IMPORTANT!!** Be careful with cleanliness! Do not allow dirt or foreign particles to enter the hose or fittings! Double check your connections regarding flow to ensure they are correct before securing with hose clamps. Use Zip-ties to tidy the hoses.
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.



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