



Ford Ranger/Mazda BT-50 WLAT/WEAT Engines Direction-Plus™ Post-Filter Kit Installation Guide

This document is to be used as a guide for the installation of the **Direction-Plus™ Fuel Manager™ Post-filter Kit to a Ford Ranger/Mazda BT-50 (PF609DPK)**. It is recommended that the installation of the product be carried out by a competent qualified mechanic.

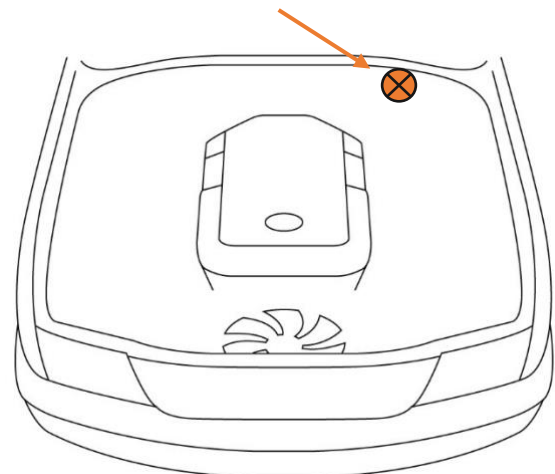
Important before starting

- Ensure the engine bay is clean and free from contaminants
- 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

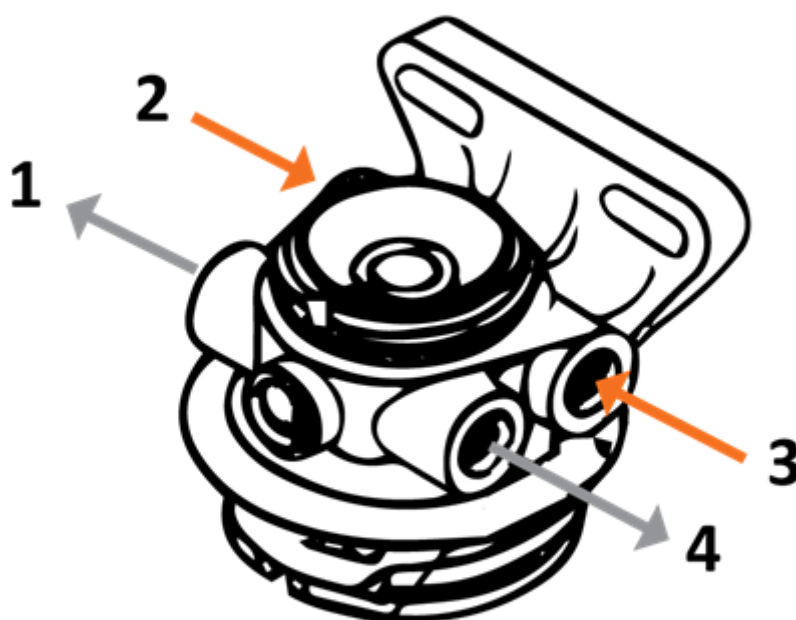
1x M8 1.25 X 40 Z PS SCR
2x TEC SCREW 10x16
1x 2 BOLTS 2 NUTS 4 WASHERS
2x 8MM X 17MM ZINC
1x BRACKET - BT50 & RANGER
3x DFL8 - FUEL LINE RUBBER (8MM)
2x DP733-04 - NPT PLUG
2x DP816-04-02-011 - 1/4" NPT STRAIGHT - 8
1x FM100 2 MICRON FILTER ASSY
2x HOSE CLAMP - 8MM
1x LOCTITE 567 THREAD SEALANT - 6ML
1x NYLOC NUT M8
2x PUSH ON STRAIGHT - 8MM
1x WINDSCREEN LABEL

Post- filter mounting location.



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

Fuel Manager Post-Filter Normal Flow Header Connection



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



Installation Guide

1. The Post-filter mounting bracket mounts on the firewall underneath the windscreen wiper motor and supported by the inner guard
2. Place the Post-filter bracket into position and loosely secure the bottom of the bracket to the inner mud guard using the existing bolt hole and the supplied 8mm bolt
3. Push the top of the bracket firmly against the firewall and using the supplied TEC screws fasten the top of the bracket to the firewall
4. Using the supplied 10mm bolts, washers and nuts, mount the FM100 Fuel Manager Post-filter assembly filter to the backside of the bracket
5. Install the NPT adaptors into the filter head ports that are facing towards the center of the vehicle using the supplied LOCTITE thread sealant.
6. Apply a small amount of LOCTITE thread sealant to the two black NPT plugs and install them into the two remaining ports of the Post-filter head.
7. Lubricate the barbed end of one push-lock fitting and the inside portion of the hose to be fitted with a pushlock fitting with diesel fuel or WD40
8. Insert the barbed end of one push-lock fittings into the pre-lubricated end of the hose. Ensuring that the hose stops firmly against the inside of the bell cover.
9. With the assembled hose, screw the push-lock fitting on to the inlet port of the Post-filter. Cut to length and connect the other end of the same hose to the outlet of the factory fuel filter and secure using a supplied hose clamp
10. Lubricate the barbed end of the remaining push-lock fitting and the inside portion of the remaining hose to be fitted with a push-lock fitting with diesel fuel or WD40
11. Insert the barbed end of the remaining push-lock fittings into the pre-lubricated end of the hose. Ensuring that the hose stops firmly against the inside of the bell cover.



12. With the now assembled hose, screw the push-lock fitting on to the outlet port of the Post-filter.

13. Measuring the hose in place between the outlet port of Post-filter the return pipe/hose, cut the hose to length

14. Using the supplied nylon cable ties, secure any loose hose from rubbing on any other components

15. Prime the system using the hand primer on the factory filter until the primer button is firm, the engine is ready to start.

16. Start vehicle and run the vehicle, whilst checking all connections for leaks

END OF GUIDE