

NISSAN Patrol 3.0 Litre Common Rail and TD42 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 (PF626DPK)** to a **Patrol 3.0L Common Rail and TD42**. It is recommended that the installation of the product be carried out by a competent qualified mechanic.

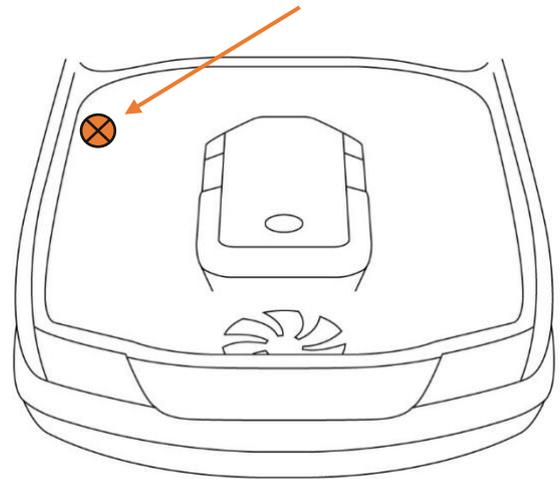
Important before starting

- 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

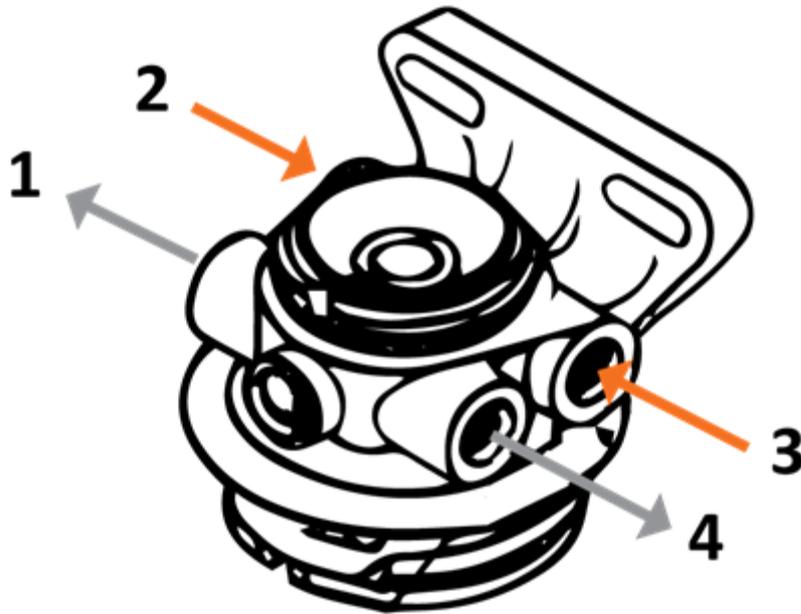
2x M8 1.25 X 40 Z PS SCR
2x NPT STRAIGHT - 10MM
1x 2 BOLTS 2 NUTS 4 WASHERS
2x 6mm Spring Washer
2x 8mm Spring Washer
2x BOLT - 6X25MM ZINC
1x BRACKET - PATROL DRIVERS SIDE
2x DFL10 - FUEL LINE RUBBER (10MM)
2x DP733-04 - NPT PLUG
1x FM ENGINE BAY LABEL
1x FM100 2 MICRON FILTER ASSY
2x HOSE CLAMP - 10MM
1x LOCTITE 567 THREAD SEALANT - 6ML
2x PUSH ON 90 DEG - 10MM
2x WASHER - 6MM
1x WINDSCREEN LABEL

Postfilter 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 Direction Plus bracket mounts on the driver's side inner mudguard (see image). Use the two (2) 8mm bolts and two (2) 6mm bolts supplied. On some vehicle's there may be a solenoid mounted in this position, this will now remount on the supplied bracket.
2. Secure the Direction Plus bracket on to the inner guard and ensure the gas bonnet strut clears the new bracket. Mount the Direction Plus Post-Filter to the bracket using the supplied bolts, nuts and washers.
3. Ensuring you have a push-lock barb fitting (supplied) on the INLET and OUTLET side, install the NPT barb fittings into the Direction Plus Post filter assembly using the supplied LOCTITE thread sealant.
4. 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.
5. 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.
6. Fit the supplied fuel line to the OUTLET side of the factory filter and to the INLET side of the Direction Plus Post-Filter assembly.
7. Connect outlet hose of the Post filter to the inlet of the common rail supply pump.
8. Apply a small amount of LOCTITE thread sealant (supplied) to the two (2) remaining black NPT plugs and install them in to the two (2) remaining ports on the Direction Plus Post-filter head assembly.
9. Ensure all fuel lines are suitably secured.
10. Using the supplied nylon cable ties, secure any loose hose to prevent it from rubbing against any other components.
11. Remove the Direction Plus Post-Filter from the head unit (by unlocking the black lock collar). Fill the filter with CLEAN diesel. Refit the filter ensuring the Fuel Manager logo is under the thumb screw in the mounting head. Refit the lock ring and tighten until it clicks into place. The system is now ready to prime and start.
12. Start and run the engine whilst checking ALL connections for leaks.

END OF GUIDE