



Mitsubishi Triton MQ 2015-onwards

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 Mitsubishi MQ Triton. It is recommended that the installation of the product be carried out by a competent qualified mechanic.

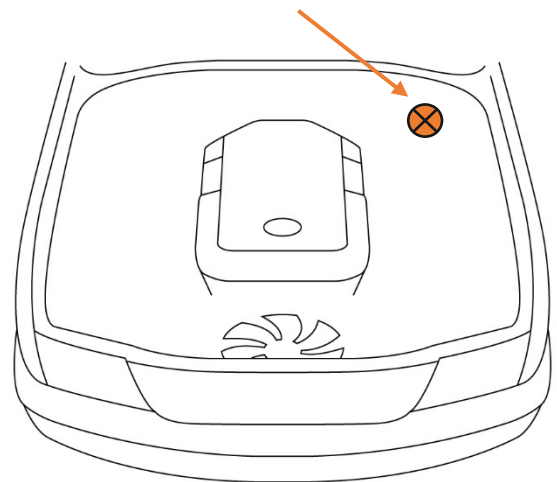
Important before starting

- 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
2 BOLTS 2 NUTS 4 WASHERS	1
BOLT - 6X25MM	1
BRACKET - MQ TRITON	1
CABLE TIE 280 X 4.8 (UV)	1
DFL12 - FUEL LINE RUBBER (12MM)	1
DP733-04 - 1/4 "NPT PLUG	2
ELEMENT ASSEMBLY 30M - 3.6"	1
FM ENGINE BAY LABEL	1
FM100 30 MICRON FILTER ASSY	1
FMC12 - CLAMP 12MM	2
LOCTITE 567 THREAD SEALANT - 6ML	1
NUT - NYLOC 6MM	1
PUSH ON 90 DEG - 12MM	2
WINDSCREEN LABEL	1

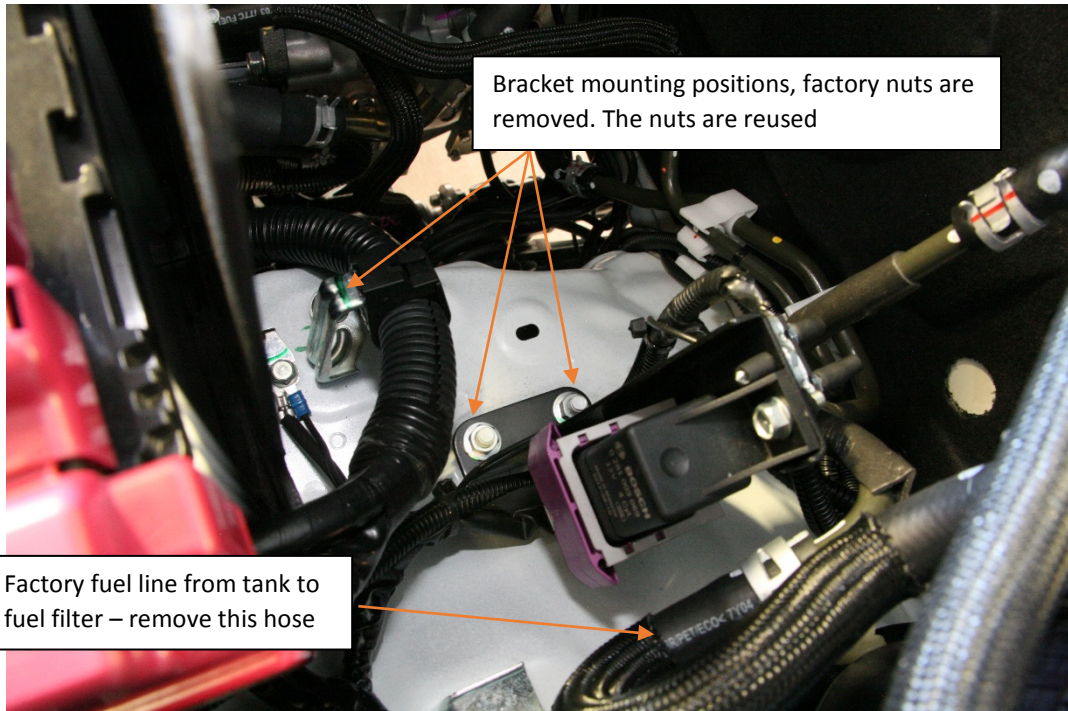
Pre-filter mounting location



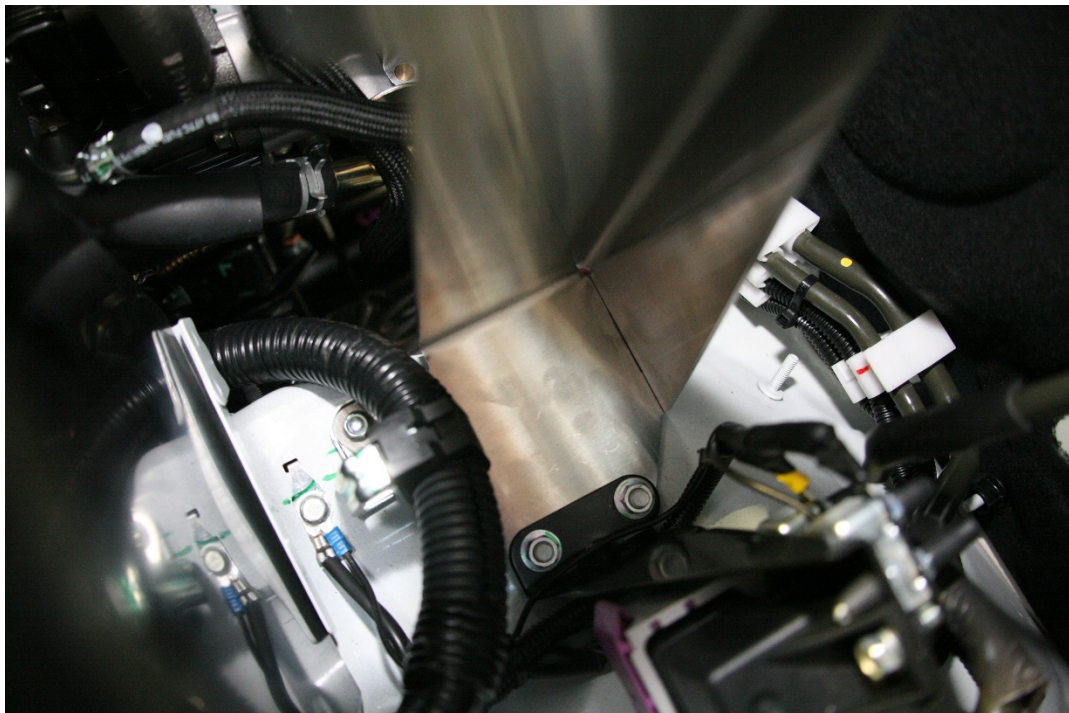
*Kit contents are subject to change based on component availability and/or refinement

Installation Guide

1. The Direction Plus Pre-Filter mounts on the passenger side of the engine bay.
2. Remove the two (2) nuts holding a relay and the one (1) bolt holding a bracket for a wiring harness. Lift the relay from/ off the studs and place Direction Plus bracket in position, refit the bolt holding the wiring harness bracket and tighten. Refit the relay onto the studs, refit and tighten nuts that hold relay in position.



Pre-filter bracket mounting points, one point is located under the under the wiring harness



mounting bracket installed

3. Ensuring you have a push-lock barb fitting (supplied) on the INLET and OUTLET side, install the ¼ NPT barb fittings into the Direction Plus filter assembly using the supplied LOCTITE thread sealant.

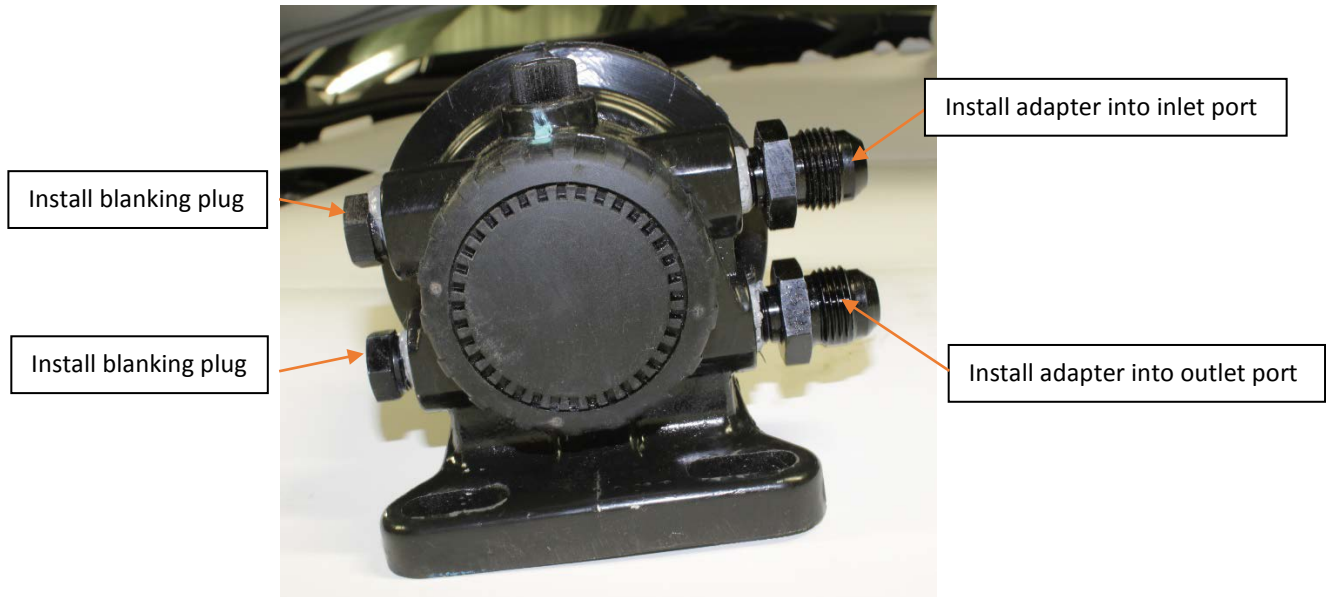
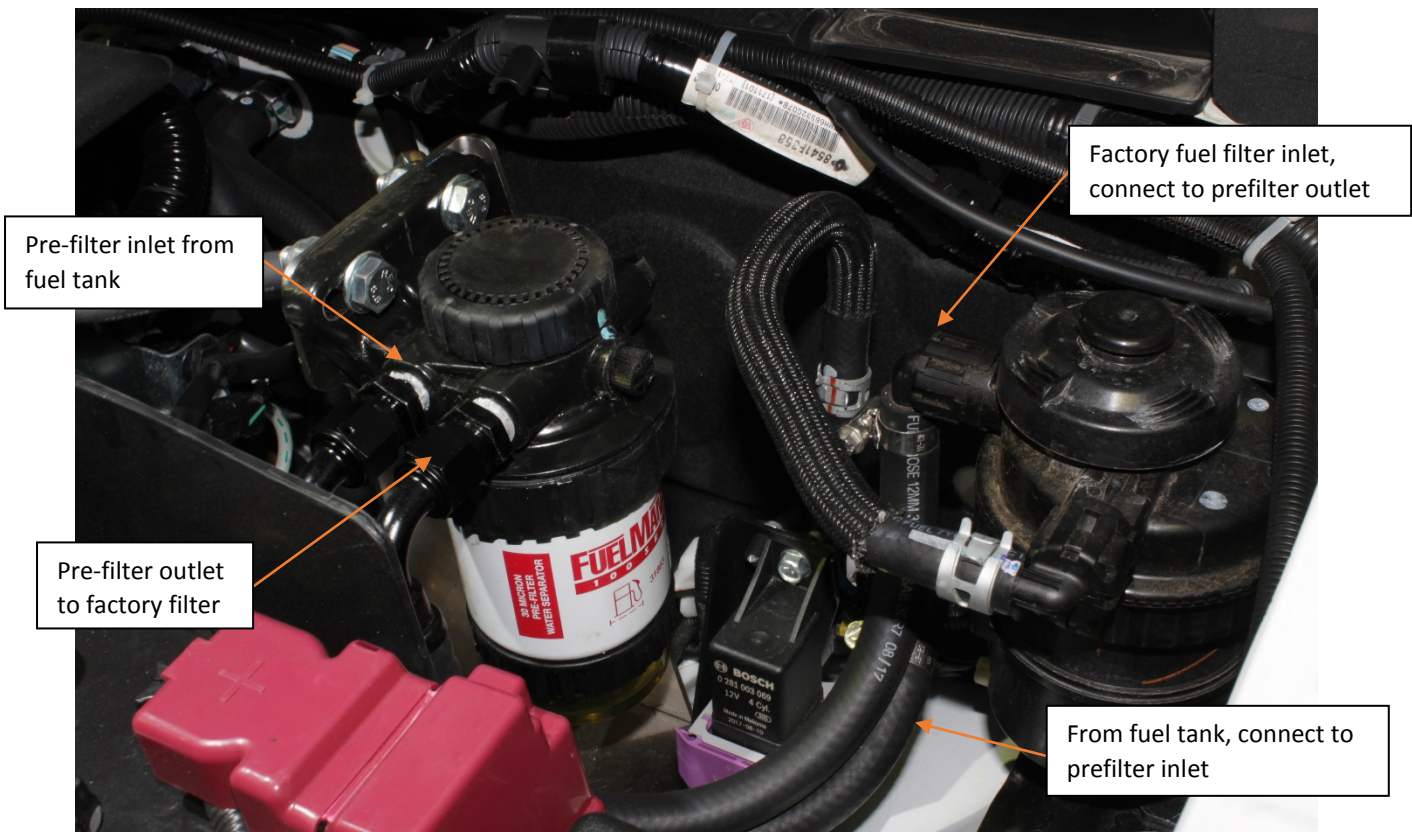


image showing ports to have fittings installed ensure thread sealant is used

4. Mount the Pre-Filter and head (black) to the Direction Plus bracket using the supplied 10mm bolts, washers and nuts.



pre-filter assembly installed onto mounting bracket

5. 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.



6. Disconnect the INLET hose from the factory fuel filter and fit this to the push-lock barb fitting on the OUTLET side of the Direction Plus Pre-Filter ensuring that the hose is firmly stopped against the inside of the bell cover.
7. Insert the barbed end of one (1) of the push-lock fittings into the pre-lubricated end of the hose. Fit this to the INLET side of the Direction Plus Pre-Filter ensuring that the hose is firmly stopped against the inside of the bell cover. Secure the other end of this fuel hose to the factory steel fuel line with the supplied hose clamp.
8. 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.



image showing prefilter connection and hose routing

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. Prime the fuel system by using the factory primer until it is firm, the engine is now ready to start.
12. Start and run the engine whilst checking ALL connections for leaks.

END OF GUIDE