



Direction-Plus™ Ryco Pre-Filter Kit Installation Guide for Mitsubishi Triton MQ 2015-onwards

This document is to be used as a guide for the installation of the **Direction-Plus™ Ryco Pre-Filter Kit (RC629DPK)** 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 contaminants
- The 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

Maintenance / Servicing

- It is recommended to drain the element every 5,000 – 10,000km
- Ryco filter element is to be replaced every 40,000km or as per your vehicles service interval

Kit contents



1x MQ TRITON BRACKET (PL629-BR)	1m x 12MM HOSE (DPFH12-GAT)	1x DEFENCE STICKER (DPLABEL7)
1x RYCO ASSY (Z980SK16L)	1x WINDSCREEN LABEL (DPLABEL1)	9x CABLE TIE (802078)
2x CLAMP 12MM (FMC12)	1x DP HOLO SECURITY SEAL (DPLABEL8)	2x DP BAGS (DPBAG)
2x PUSH ON 90 DEG - 12MM (DPP0090-08)	1x ENGINE BAY LABEL (DPLABEL5)	1x DP ZIP LOCK BAG (DPZIPBAG)
2x FITTING 12MM (DP816-8-M1615)	1x DP STICKER (DPLABEL6)	1x RYCO FILTER KIT BOX (RCBOX)

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

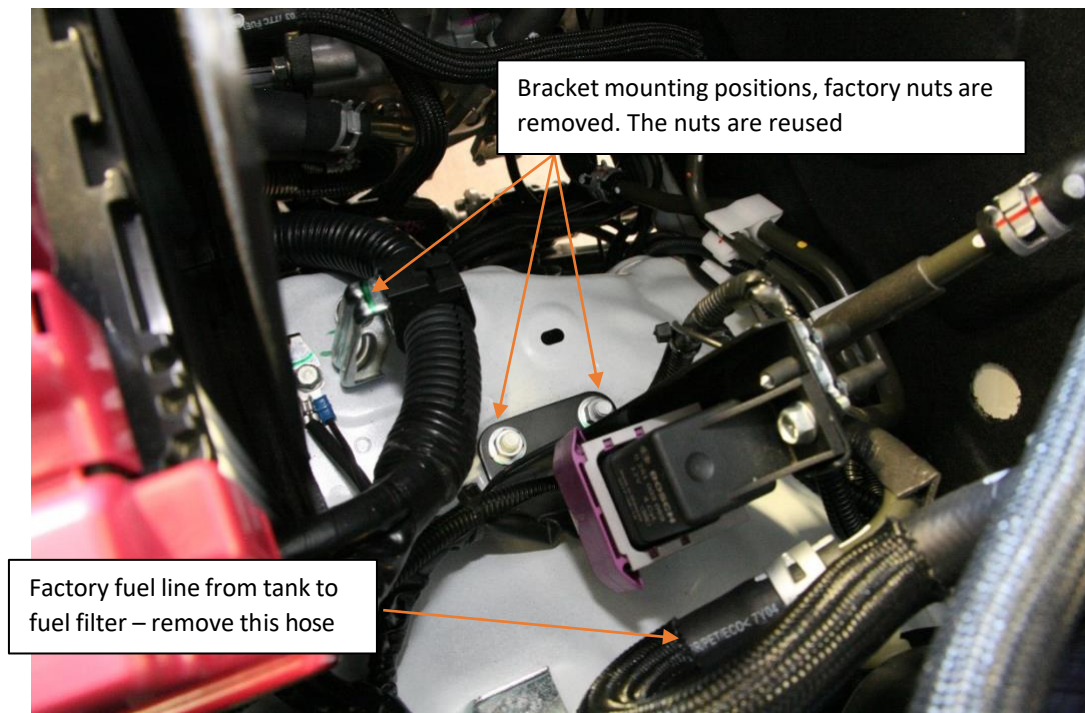


Tools Needed:

- Spanners
- Sockets
- Screw Drivers
- Pliers
- Snips/Cutter
- Rags
- Small container for priming
- We suggest using a thread sealant like Loctite 567 or equivalent.

Installation Guide

1. The Ryco kit 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.



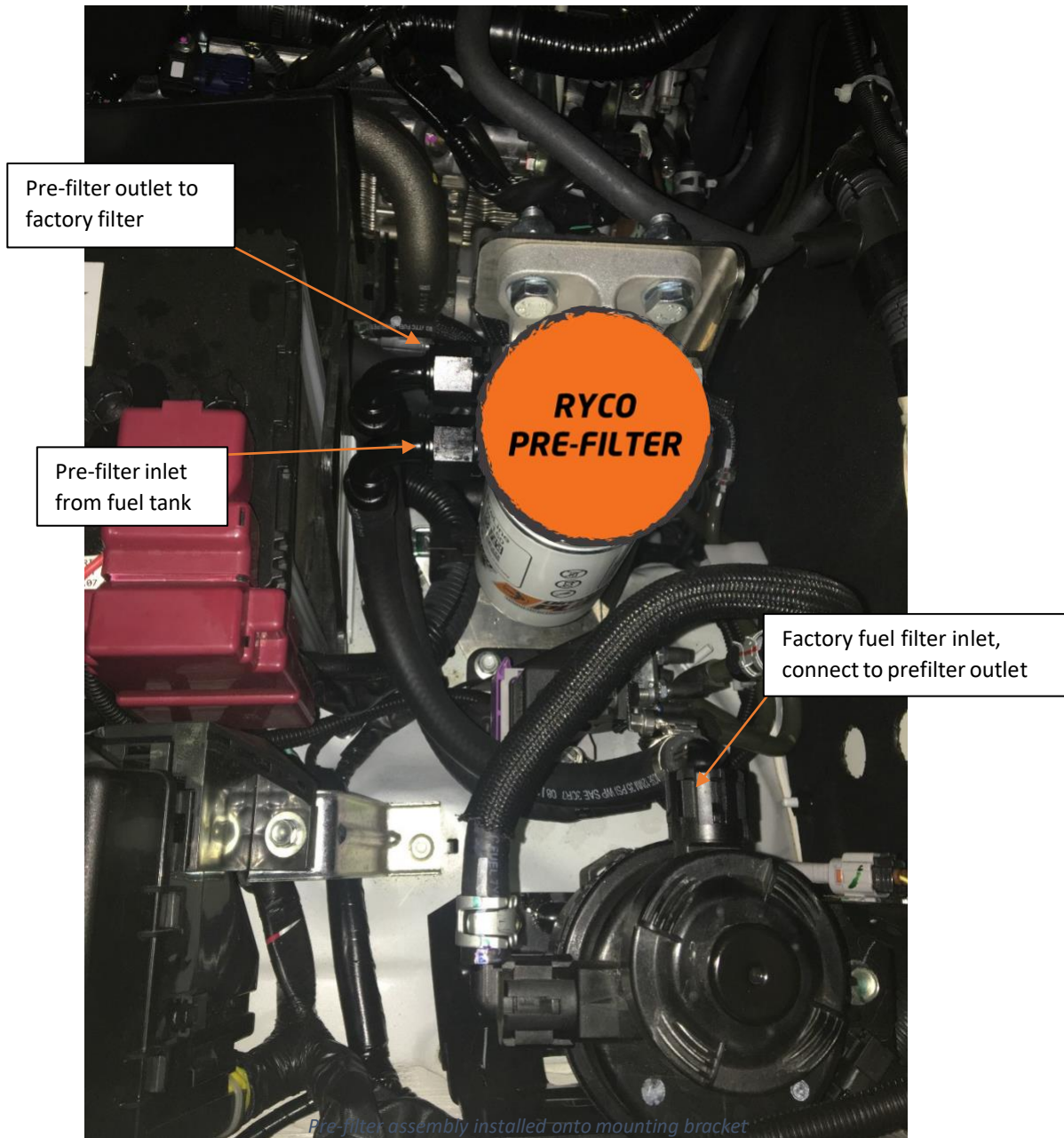
Pre-filter bracket mounting points, one point is located under the under the wiring harness



mounting bracket installed

3. Install the two M16 flat washers and straight adapters to the filter head, so that when the filter is mounted on the bracket they will be facing toward the front of the vehicle. **Note: you may need to remove and reposition the two M16 plugs pre-installed into the filter head**

4. Mount the RYCO assembly to the bracket using the supplied 10mm bolts, washers and nuts.





5. Disconnect and remove the INLET hose from the factory fuel filter.
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. Connect the assembled hose to the inlet of the RYCO assembly. Route the hose to the steel line coming from the fuel tank and cut to length. Connect and secure with a 12mm hose clamp
9. With the remaining hose install the other push lock fitting as outlined in steps 6 and 7
10. Connect the hose to the outlet of the RYCO. Route the hose to the inlet of the factory fuel filter and cut to length. Connect and secure with a 12mm hose clamp
11. Ensure all fuel lines are suitably secured.
12. Using the supplied nylon cable ties, secure any loose hose to prevent it from rubbing against any other components.
13. Prime the fuel system by using the factory primer until it is firm, the engine is now ready to start.
14. Start and run the engine whilst checking ALL connections for leaks.
15. Refer to supplementary instruction for water alarm connection

END OF INSTALLATION