

Direction Plus Ryco Pre-filter Kit Installation Guide for Mitsubishi Triton MV

This document is to be used as a guide for the installation of the **Direction Plus Ryco pre-filter kit (RC652DPK)** to a **2024+ Mitsubishi Triton 4 Cylinder Diesel**. It is recommended that the installation of the product be carried out by a competent qualified mechanic.

Important Before Starting

- Ensure 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

Included in the kit



<i>Loose in Box</i>	<i>Bagged</i>	<i>Mounting Kit Bag</i>
1 x Ryco Fuel Filter (Z980SK16L)	1 x 3/8 QR-6 fitting (DPRP703QRF-06)	2 x M10x30 Bolts (Supplied with filter)
2 x M16x1.5 to -6 Adaptor (DP816-6-M1615)	1 x -6 to 3/8 Straight Hose Tail (DPP0001-06)	2 x M10 Nyloc Nuts (Supplied with filter)
4 x M16 Alloy Washers (Supplied with filter)	1 x C5 3/8" QR to 3/8 tail 90° (C5)	4 x M10 Flat Washers (Supplied with filter)

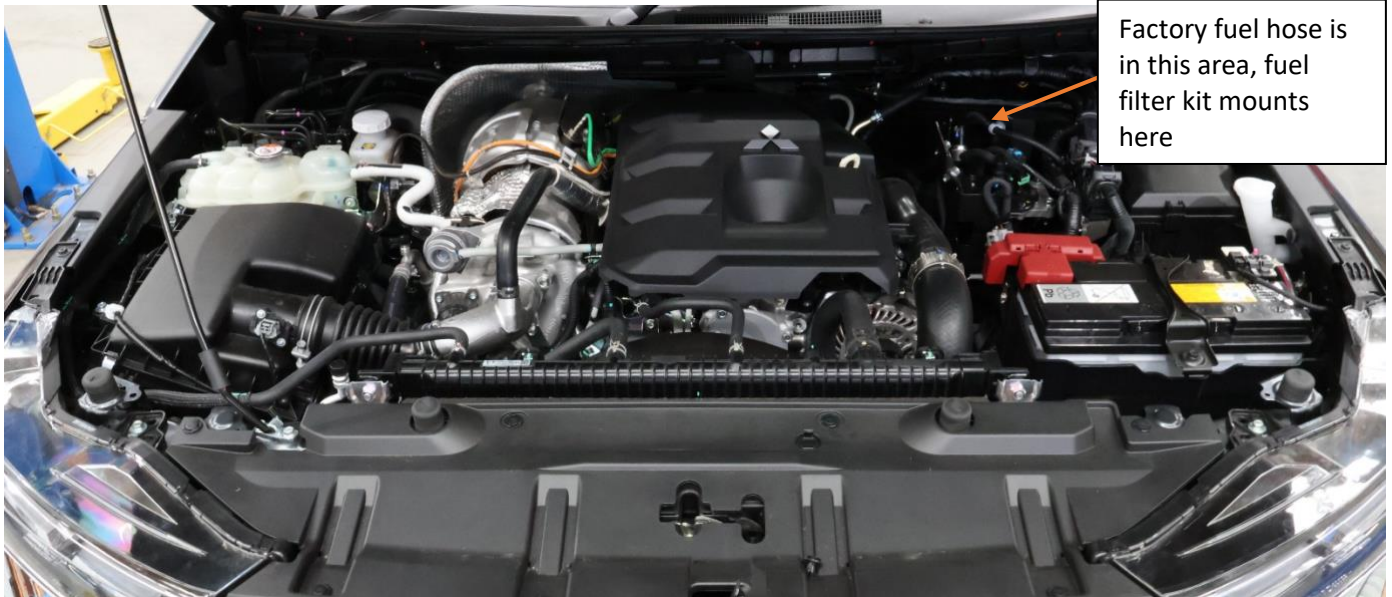
2 x M16x1.5 Blanking Plugs (Supplied with filter)	1 x 15-17mm EFI Fuel Clamp (FMC10)	
2 x -6 to 3/8" 90° Hose Tails (DPP0090-06)	1 x 1.2m 3/8" Fuel Hose (DPFH9)	
1 x Mounting Bracket (PL652-BR)	10 x 200mm Cable Ties (802078)	



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



Triton MV Engine Bay – Overall View

1. Begin by removing the two bolts shown in the following image.

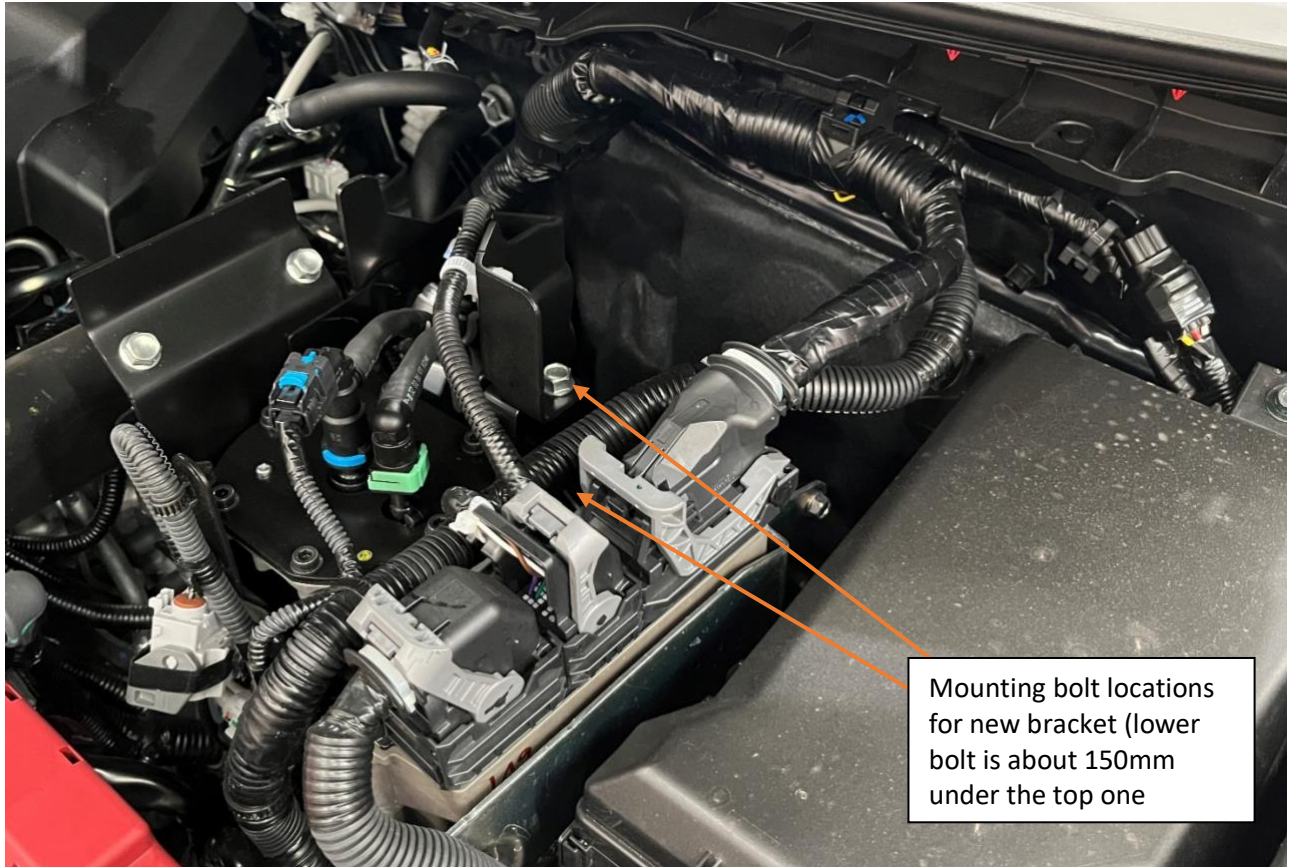
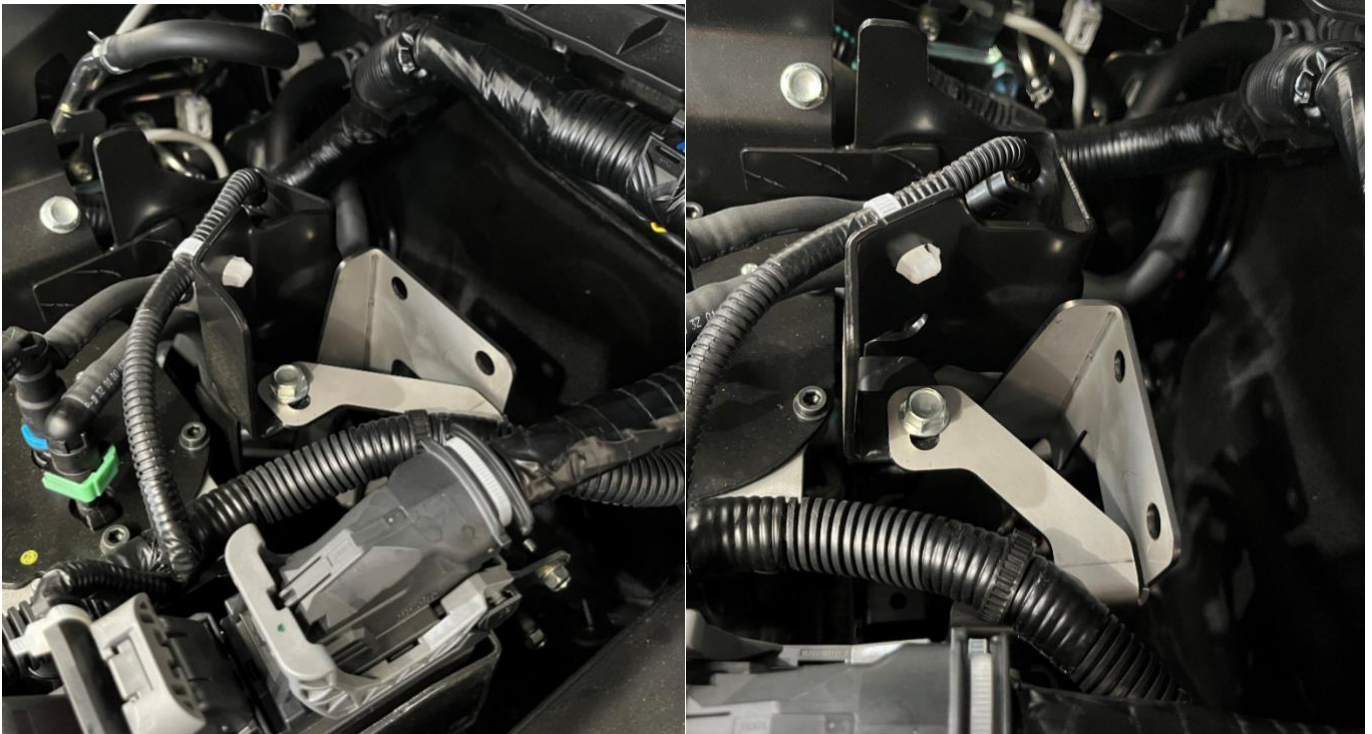


Image shows new bracket mounting location.

2. Mount the new bracket in place. Reuse the original bolts to secure in place.



Mounting bracket fitted to the vehicle.

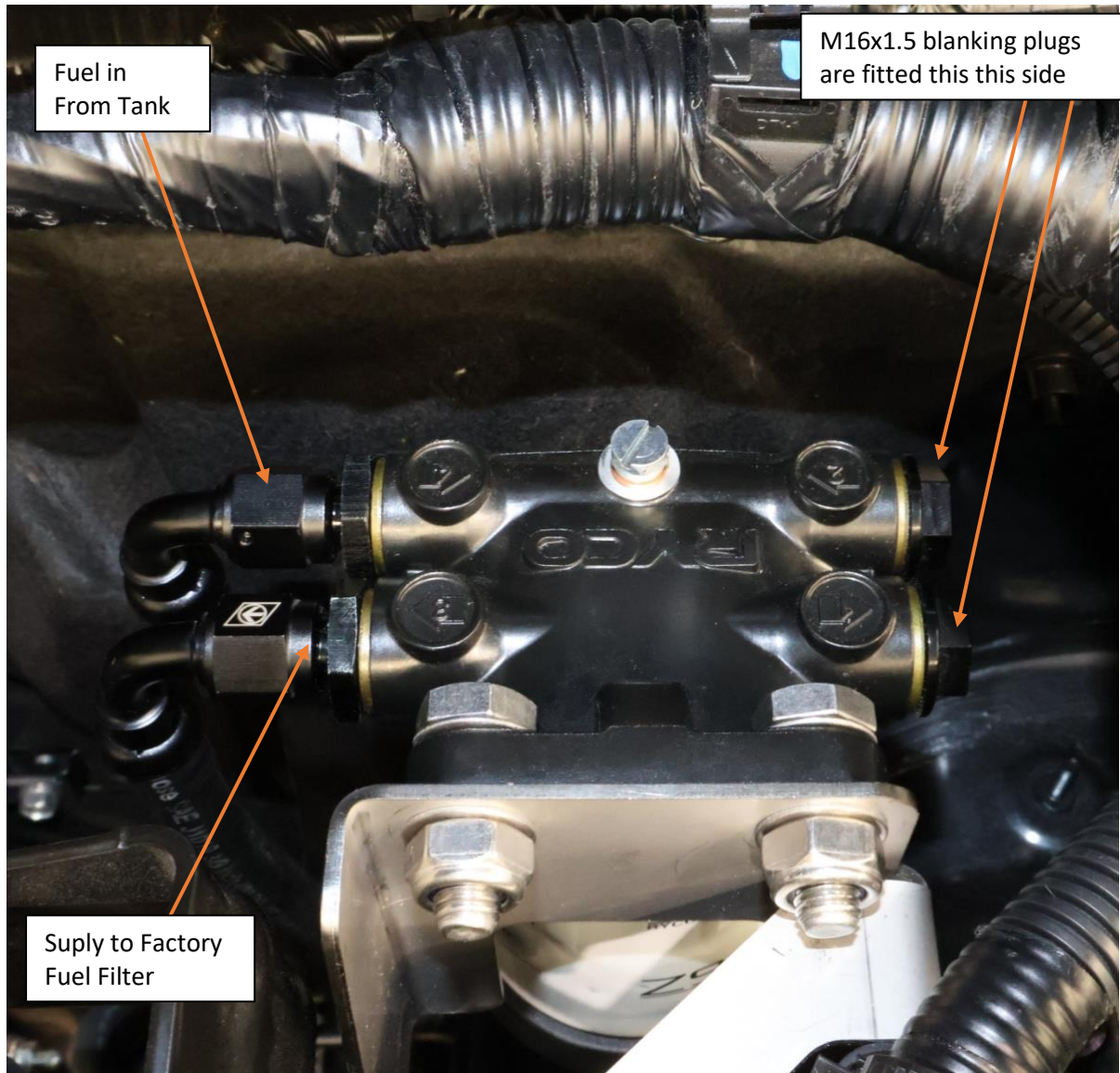
3. Install the threaded -6 to M16 adaptors into the right ports on the Ryco Fuel Filter, using the M16 washers between the filter head and the adaptors. Make sure to use a sealant like Loctite 567 or equivalent. Keep the exposed thread clean when installing.



Fitting locations in Ryco Fuel Filter

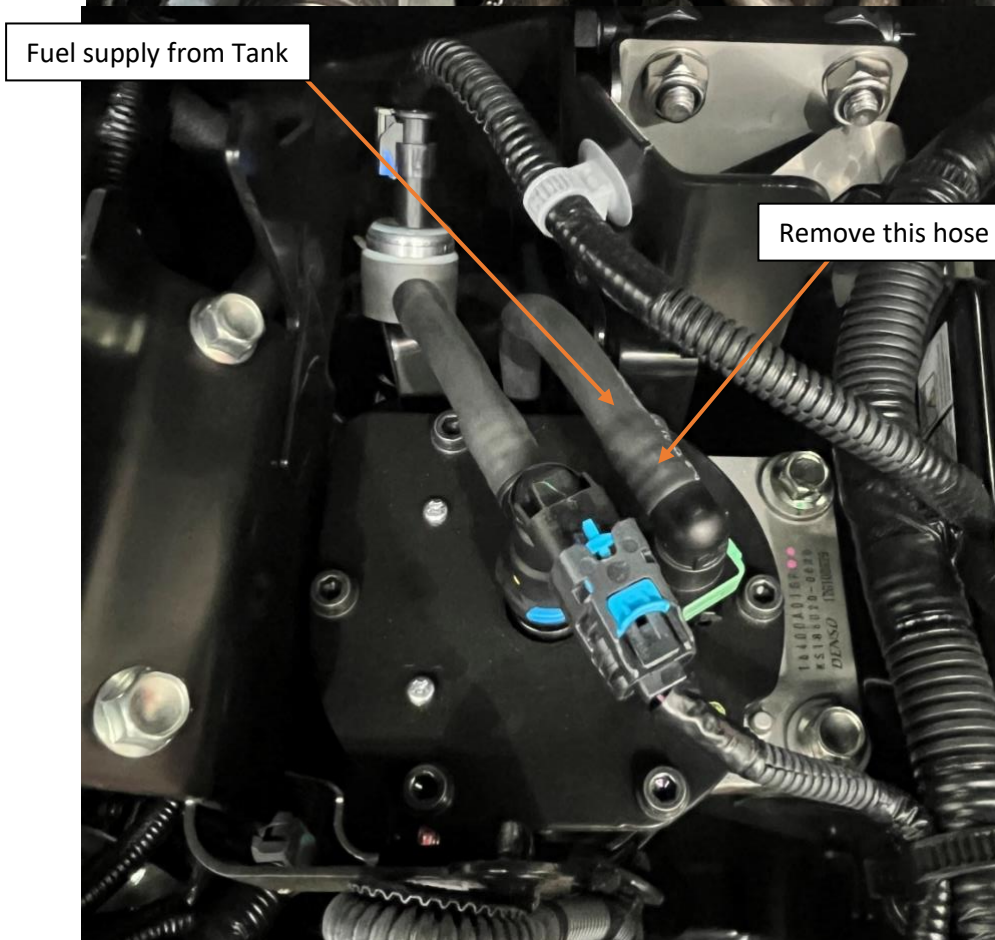
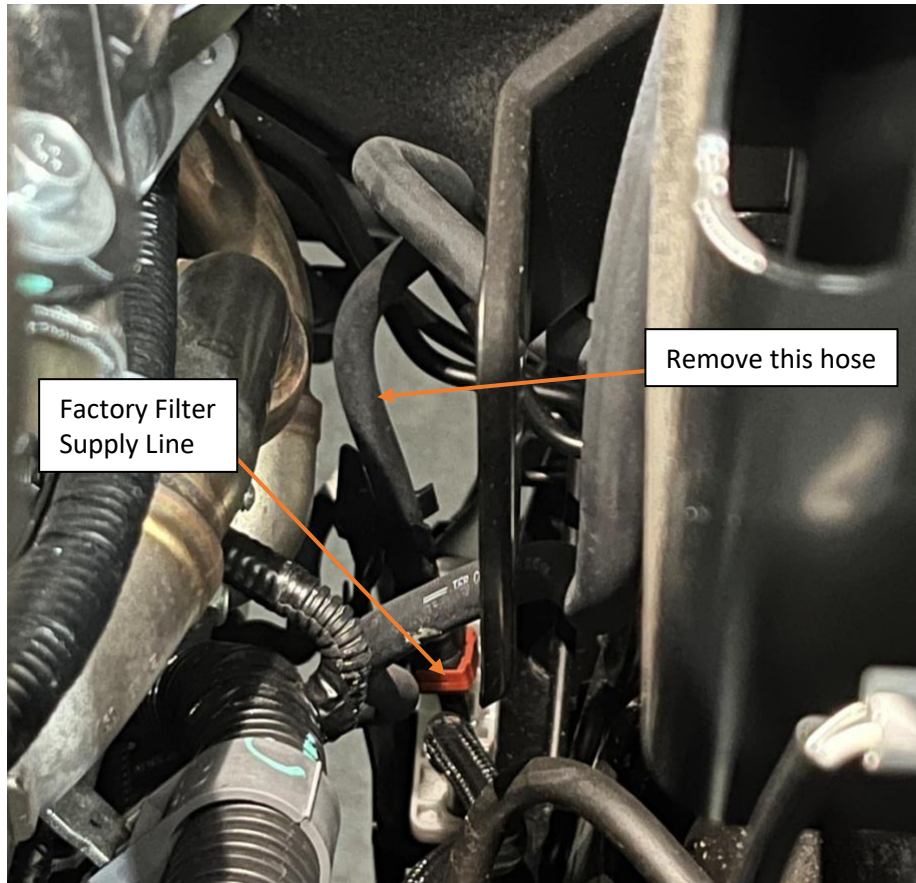


4. Install the threaded M16 blanking plugs into the left ports on the Ryco Fuel Filter, using the M16 washers between the filter head and the adaptors. Make sure to use a sealant like Loctite 567 or equivalent. Keep the exposed thread clean when installing.
5. Install the threaded -6 90° adaptors onto the vacant -6 male fittings installed in the step 3. Make sure to use a sealant like Loctite 567 or equivalent. Point the fittings down as shown in the previous image.
6. Using the M10 bolts, nuts and washers, bolt the fuel filter to the bracket.



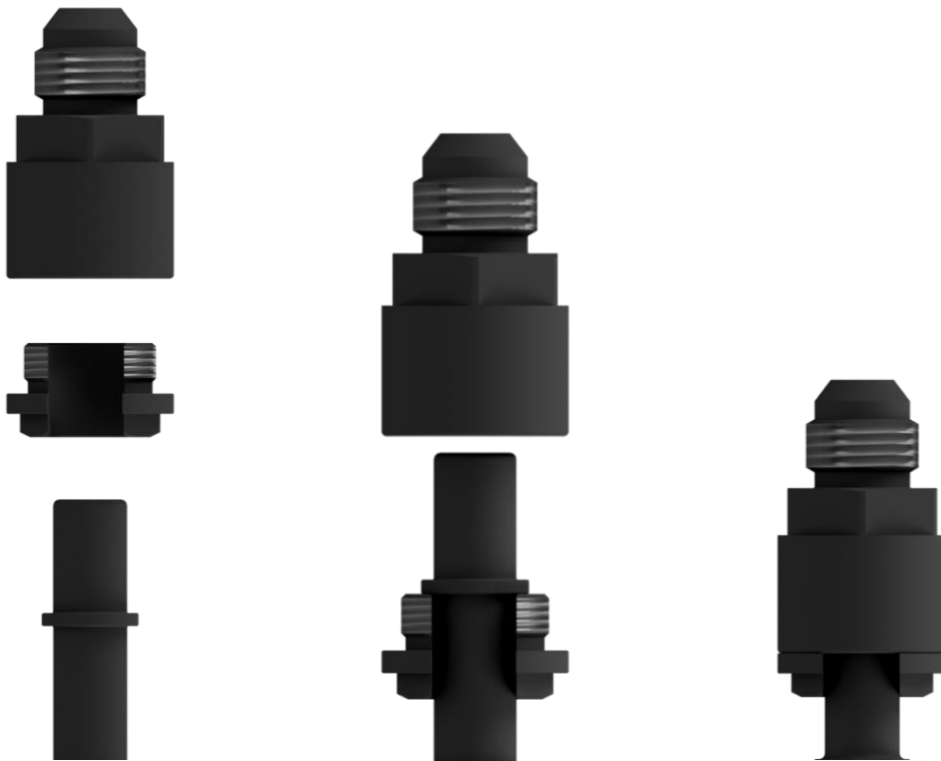
Mounting bracket and fuel filter fitted to the vehicle.

7. Assemble the spare -6 to 3/8 hose tail to the 3/8" QR adaptor. Make sure to use a sealant like Loctite 567 or equivalent.
8. Install one end of the new fuel hose to the vacant 3/8 tail installed in the previous step, taking care to make sure the hose is seated all the way into the collar.
9. Find the factory fuel hose that supplies the factory fuel filter. It is located down the side of the motor next to the chassis rail on the passenger side of the vehicle. The fitting has a red safety collar on it. Remove the hose completely.



Factory Fuel Filter hose locations

10. The fitting and hose assembly from step 7&8 can now be installed to the factory hard line from the tank you just removed the hose from (the one with the red safety collar).



Assembly of 3/8" QR Adaptor onto Steel Fuel Supply Line from Tank

11. Measure and cut the new fuel filter supply hose and connect to the inlet of the new fuel pre-filter, taking care to make sure the hose is seated all the way into the collar.
12. Connect the remaining fuel hose to the outlet of the new pre-filter, taking care to make sure the hose is seated all the way into the collar.
13. Use the supplied C5 3/8" QR to 3/8 tail 90° to secure to the top of the factory fuel filter.





14. Loop the hose from the outlet of the pre-filter down and then follow the stock routing to the top of the factory fuel filter and connect to the C5 3/8" QR to 3/8 tail 90°. Secure the hose with the supplied 15-17mm clamp.
15. Measure and cut the hose and install onto the C5 3/8" QR to 3/8 tail 90° installed in step 13. Secure in place with a clamp.
16. Once complete start the vehicle, carefully and toughly check for leaks.
17. Run the vehicle for at least 20 minutes to ensure there are no air pockets in the fuel system.

End of Installation Guide