



Pre-Filter Fitting Instructions

VOLKSWAGON Amarok 2.0TD



IMPORTANT: Before Starting

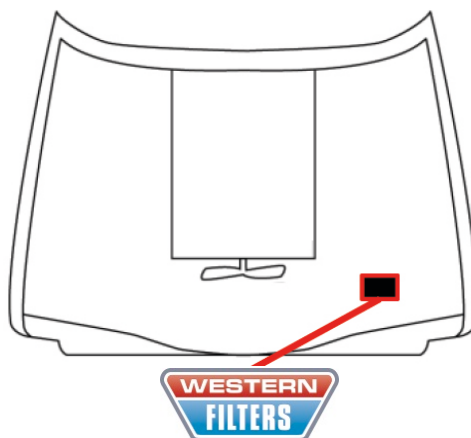
- ❑ Ensure the engine bay is clean and free from contaminants.
- ❑ The Fuel Manager unit has arrows which indicate flow located under the ports.
- ❑ Install all fittings and plugs into the filter assembly using a suitable thread paste such as Permatex Thread Sealant 592914.

Kit Part No: FM603DPK

INSTRUCTIONS

KIT CONTENTS

1. Fuel Manager 30 micron Filtration Unit
2. Mounting Bolts, Washers and Nyloc Nuts
3. Spare 30 Micron Replacement Filter
4. 4mtr of 3/8" Quality Fuel Hose
5. Direction Plus Filter Bracket
6. Blanking Plugs
7. 2x Straight tail fittings
8. Hose Clamps
9. 3x 6mm Bolt
10. 2x 6mm Washer 13mm
11. 1x 6mm Washer 25mm
12. 2x 6mm Washer small
13. 2x 6mm Nyloc nuts
14. 1x 6mm Spring Washer
15. 1x 8mm Bolt, Washer & Nut
16. 1x Quick Fit male
17. 1x Quick Fit female (matches above)



NOTES:

The Fuel Manager is fitted in the area behind the passenger side headlight (**FIG:1**). The Bracket is secured in place by 3 bolts; two 6mm bolts on the forward side (through holes previously used by plastic fasteners to hold wiring (**FIG:2**) and one bolt on the rear side through the inner guard (**FIG:3**). This rear hole has two variations; it can have a thread to take a 6mm bolt, or sometimes the hole has no thread, but is a hexagon shaped hole. In which case you would use an 8mm bolt with a nut. The Amarok fuel supply system cannot be primed or bled in the usual manner. VW dealers use a scan tool to activate the tank mounted electric supply pump when changing a filter. Consequently you need to pre fill the Fuel Manager filter at the time of installation. For this you will need about 400ml of diesel in a clean container or bottle.

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INSTRUCTIONS

1. Temporarily position the bracket in place so you can see where it fits & how it is secured. Now remove the bracket, with side cutters or a utility knife cut the tip from the 2 plastic loom securing fasteners. Push the 2 fasteners out of their holes. These 2 holes are now used to secure the bracket in place (FIG:2).

2. Re-position the bracket & insert the appropriate sized bolt in the rear mounting point (FIG:3). Then install the two forward bolts, washers and nuts. Tighten all 3 mounting bolts. Insert the clip-to-hole Zip-Tie into the hole provided in the bracket from the back side of the bracket, then secure the wiring loom.

3. Take the Fuel Manager filter & temporarily position it where it will mount to the bracket. Install the two blanking plugs into the two forward facing holes at position (FIG:1&2), and the two straight barb fittings into the holes that will face rearward in position (FIG:3&4). Use the thread sealant provided on the threads. Take note of the arrows near the threaded holes which indicate direction of flow IN < / OUT >.

4. Mount the Fuel Manager filter to the bracket using the 10mm bolts & nuts.

5. Cut the fuel hose into two pieces, one measuring 2m & the other 1.6m.

6. Fit the female quick-connect fitting provided to the 1.6 metre length, secure with a hose clamp, fit the opposite end of the hose to the Fuel Manager "IN" barb fitting.

7. Fit the male quick-connect fitting to the 2 metre long hose, secure with a clamp, & fit the opposite end to the Fuel Manager "OUT" barb fitting. Secure with a clamp.

8. Route both hoses from the Fuel Manager towards the back of the engine bay, down the firewall, following the existing steel pipes, toward the VW fuel filter located under the passenger side foot well. The pipes are to be connected to quick-connect fittings (FIG:4).

Take care to route the hoses so they are not kinked.



9. Double check your connections regarding flow are correct before securing with Zip-ties to tidy the hoses.

10. The filter must now be filled with diesel. Remove the filter cartridge from the Fuel Manager-head by unscrewing the large retaining nut. Manually fill the cartridge with clean diesel before re-assembly. **IMPORTANT!! Take extreme care with cleanliness!!!**

11. Start the engine. It should take about 5 seconds of cranking to start.

12. Check the installation for leaks

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