

**RYCO FUEL WATER SEPARATOR FILTER KIT - RFWK110**  
**FITMENT INSTRUCTION SHEET**

**Application: Volkswagen Amarok 2.0L**

ENGINE BAY LOCATION:

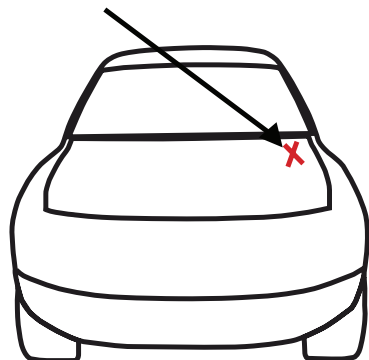


ILLUSTRATION ONLY

Kit Contents:

Item Description	Qty	Item Description	Qty
Ryco Fuel Water Separator Filter	1	Flange Nut M6	3
Additional Z980 Filter	1	Flange Nut M8	1
3/8" X 1/4"-18NPT Straight	1	Fuel Hose Clamp 8-16mm	4
3/8" X 1/4"-18NPT Right Angle	1	Fuel Injection Hose (10mm)	1
Quick Connector Straight - Male	1	Thread Sealant Loctite 567	1
Quick Connector Straight - Female	1	Installation Bracket	1
Flat Washer 6mm	1	Cable Tie	6
Flat Washer 8mm	1	Cable Tie Push-Mount	1
Hex Bolt M6*25mm	4	Fitting Instructions RFWK110	1
Hex Bolt M8*20mm	1		

**WARNING:**

1. Ryco recommends the assembly be fitted as a pre-filter only acting as a first line of defence.
2. Ensure the engine bay and work station is clean from contaminants that may get into the components to be fitted.
3. To avoid fuel leaks apply Loctite® 567 thread sealant (supplied) to all brass fittings fitted to the filter assembly.
4. The fuel system on this vehicle can not be primed in the traditional way. In this instance it is required to pre-fill the Ryco filter with clean diesel. Ensure the maximum cleanliness possible while doing so.

Caution: Beware of hot engine bay components.

**Steps:**

1. The Ryco bracket is designed to be mounted on the passenger side between the front of the wheel arch and the headlight using pre-drilled holes on the body.
2. The bracket is secured by 2 bolts that go in holes (previously drilled to hold wiring with plastic fasteners). 1x 6mm is towards the front of the vehicle and 1 is at the rear located on the wheel arch. This rear hole has two variations, it can have a 6mm thread or have no thread at all in which an 8mm bolt and nut has to be used instead.
3. To install the Ryco bracket start by cutting the tip of both plastic fasteners and remove them, one of the holes will be used to secure the front of the bracket. Place the bracket in place and using the bolt supplied slightly tightens the rear of the bracket against the wheel arch to hold it in place. Use one of the 6mm bolts, washer and nut to secure the front of the bracket though one of the holes left by the plastic fasteners. Tighten both ends and make sure the bracket is well secured.
4. Install the fuel hose fittings to the Ryco assembly using Loctite 567 thread sealant supplied. Apply the sealant on the first couple of threads of the fittings and the filter head. Install the straight fitting on the inlet side and the elbow fitting on the outlet side in a 4 o'clock position.
5. Use the 2x 6mm bolts, washer and nuts supplied to secure the Ryco filter assembly to the bracket.
6. Cut the fuel injection hose in half and use one of the hoses to fit the female quick connector supplied (Goes in firm. Applying oil to the barb end assists) then secure with a hose clamp. Connect the other end to the outlet of the Ryco assembly securing it with a hose clamp.
7. Take the other hose and fit the male quick connector (Goes in firm. Applying oil to the barb end assists) to one end and secure with a hose clamp. Connect the other end to the inlet of the Ryco assembly and secure with a hose clamp.
8. Route both hoses connected to the Ryco assembly towards the back of the engine bay, find the steel fuel pipes and follow them all the way to the factory filter located under the passenger side foot well. Ensure the hose does not have any kinks. Disconnect the factory quick connector from the inlet of the factory filter and release the other end from the fuel line connector coming from the tank and discard that section.
9. Use both of the hose from the Ryco assembly that have been routed to the factory filter and connect the female quick connector end to the inlet of the factory filter and the male connector end to the connector on the fuel line coming from the tank.
10. Unscrew the filter from the Ryco filter head. Make sure the bowl and the drain plug are screwed in tightly and fill the filter completely with clean diesel fuel and screw it back to the assembly head.
11. Inspect the fuel filter bowl frequently for any signs of water. If water is visible loosen up the drain plug and let the contaminated fuel drain out until clean fuel comes out. Tighten the drain plug. To complete the installation pour some water around the engine bay filter area to flush out any subsidiary diesel fuel.