

RYCO FUEL WATER SEPARATOR FILTER KIT - RFWK111

Application: Nissan Navara NP300 2.3L

Kit Contents:

ENGINE BAY LOCATION:

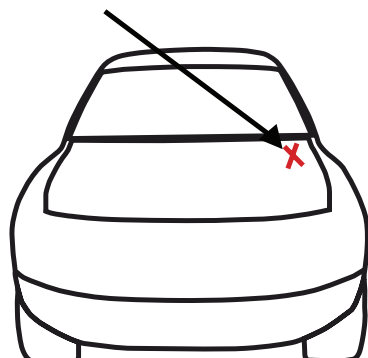


ILLUSTRATION ONLY



Item Description	Qty
Fuel Water Separator Filter	1
Additional Z980S Filter	1
3/8" x 1/4"-18NPT Straight Fitting	1
3/8" x 1/4"-18NPT Right Angle Fitting	1
Quick Connector Right Angle	1
Quick Connector Straight	1
Flat Washer 6mm	3
Hex Bolt M6*25mm	3
Flange Nut M6	3
Fuel Hose Clamp 8-16mm	4
Fuel Injection Hose (10mm)	1
Thread Sealant Loctite 567	1
Installation Bracket	1
Fitting Instructions RFWK111	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.

Caution: Beware of hot engine bay components.

The Ryco bracket is designed to be mounted on the passenger side wheel arch using pre-existing 2 bolts and nuts.

Steps:

1. Install the Ryco bracket by removing both nuts and plastic clip holding the plastic inner wheel arch guard. Fit the bracket over the bolts and tighten with the nuts previously removed. Use the 6mm bolt, washer and nut supplied to secure the 3rd hole of the bracket replacing the plastic clip.
2. Install the fuel hose fittings to the Ryco assembly using Loctite 567 thread sealant supplied. Apply the sealant to the first couple of threads of the fittings and the filter head. Install the elbow fitting on the outlet side in a 9 o'clock position and thread straight fitting on the inlet side.
3. Use the 2 x 6mm bolts, washer and nuts supplied to secure the Ryco filter assembly to the bracket. Make sure the filter, bowl and drain plug are screwed in tightly.
4. Unplug the fuel line coming from the tank from the genuine fuel filter housing by pressing on both ends.
5. Use the fuel injection hose supplied to connect the male quick connector to one end, secure with a clamp and connect to the female connector on the fuel line coming from the tank. Measure the hose length to the inlet fitting of the Ryco assembly, cut the hose and fit it securely with a clamp.

6. Use the remaining hose to connect the outlet of the Ryco assembly to the inlet of the factory filter assembly. Start by connecting the female quick connector supplied to one end of the hose and secure with a clamp. Connect the quick connector to the factory filter and run the other end to the outlet of the Ryco assembly. Secure with a hose clamp.
7. To bleed the air out of the fuel system loosen the bleed screw on the Ryco filter head and switch the ignition on for a couple of seconds until fuel comes out, tighten the screw then switch off the ignition. For keyless vehicles push the start button twice without pressing on the brake. This activates the fuel pump. Press the start button again to switch off the pump and tighten the bleed screw. Start the vehicle and check for any fuel leaks.
8. 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 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. Pour some water around the engine bay filter area to flush out any diesel fuel.