

**RYCO FUEL WATER SEPARATOR FILTER KIT - RFWK100**

**FITMENT INSTRUCTION SHEET**

**Application: Toyota Hilux KUN Series**

ENGINE BAY LOCATION:

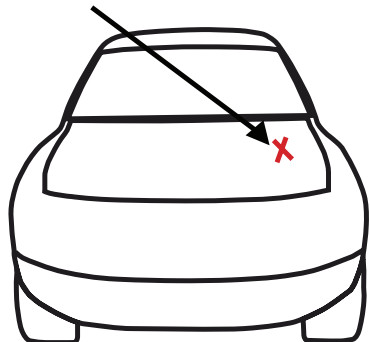


ILLUSTRATION ONLY

Kit Contents:

Item Description	Qty
Ryco Fuel Water Separator Assembly	1
Additional Z980S Filter	1
3/8" x 1/4"-18NPT Right Angle Fitting	2
Flat Washer 6mm	2
Hex Bolt M6*25mm	2
Flange Nut M6	2
Fuel Hose Clamp (8-16mm)	4
Fuel Injection Hose (10mm)	1 metre
Loctite® 567 Thread Sealant	1
Installation Bracket	1
Cable Ties	5

**! 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.

**Steps:**

1. The Ryco filter bracket is a replacement of the factory fitted bracket. The factory bracket needs to be removed.
2. To remove the factory bracket start by disconnecting the electrical connector from the factory fitted filter housing. Push it out from the bracket hole then take the genuine fuel filter housing pulling it up to slide it out of the bracket. Lastly, remove the bolts securing the bracket to the wheel arch.
3. Fit the Ryco bracket in the same position as the factory bracket re-using the original bolts. Slide the original filter housing back into place and reconnect the electrical connector.
4. Install the brass fittings to the Ryco aluminium assembly using the thread sealant supplied to avoid fuel leaks. Apply the sealant all the way around the first two threads of the fitting and apply a small amount to the first couple of threads on the assembly. Fit the brass fittings facing down. Lastly, use the two 6mm bolts, washers and nuts to secure the filter assembly to the bracket. Make sure the filter, bowl and drain plug are all lubed and screwed in tightly.
5. Remove the fuel hose from the inlet side of the factory filter and connect to the inlet of the Ryco unit securing the hose to the fitting with one of the supplied clamps.
6. Fit one end of the fuel injection hose (supplied) to the outlet fitting of the Ryco unit and the other end to the inlet side of the factory filter housing. Cut the hose to the required length and secure both ends with the supplied clamps.
7. Prime the fuel system by pumping the primer on top of the factory filter housing until it becomes firm. Start the engine and check for any fuel leaks. If the engine stalls, prime again and restart the engine. To complete the installation pour some water around the engine bay filter area to flush out any subsidiary diesel fuel.
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 clean fuel comes out and tighten the drain plug.