

**RYCO FUEL WATER SEPARATOR FILTER KIT - RFWK107**

**Application: Toyota Landcruiser Prado KZJ120R, KDJ120R & KDJ150R (Up to 2013)**

ENGINE BAY LOCATION:

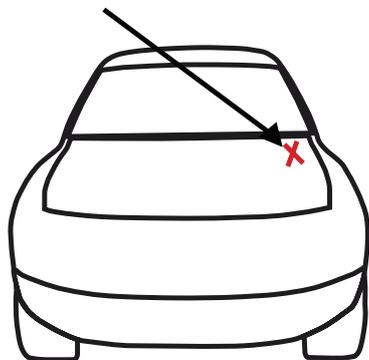


ILLUSTRATION ONLY

Kit Contents:

Item Description	Qty
Ryco 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
Hex Bolt M6*25mm	2
Flat Washer 6mm	2
Flange Nut M6	2
Fuel Hose Clamp 8-16mm	4
Fuel Injection Hose (10mm)	1
Thread Sealant Loctite 567	1
Installation Bracket	1
Cable Tie	4
Fitting Instructions RFWK107	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.

**Steps:**

1. The Ryco bracket is designed to fit in between the factory filter assembly mounting point and the vehicle.
2. Remove the two nuts securing the factory filter assembly. Lift the assembly and fit the Ryco bracket, refit the factory filter assembly.
3. Install the fuel hose fittings to the Ryco assembly using Loctite 567 thread sealant supplied. Apply the sealant on the first couple threads of the fitting and the filter head. Use the elbow fitting on the outlet in a 3 O'clock position and the straight fitting on the inlet side of the Ryco assembly.
4. Use the 2x 6mm bolts, washer and nuts supplied to secure the Ryco filter assembly to the bracket. Make sure the filter, bowl and drain plug are all screwed in tightly.
5. Disconnect the factory fuel hose from the factory filter inlet and from the steel fuel pipe coming from the tank and discard. Use the supplied fuel injection hose to connect one end to

the steel pipe and secure it with one of the hose clamps (supplied). Measure the length required reaching the inlet side of the Ryco unit without being stretched and cut. Connect the hose to the inlet, again securing with a clamp. Use the remaining hose to connect the outlet of the Ryco unit with the inlet of the factory filter assembly.

6. 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.

7. 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.