



## Installation Instructions for HR4ERAREC Holden Rodeo RA Extra Cab V6 Petrol 115L Main Tank Replacement

This tank replaces the original. No exhaust modifications are required and the original fuel pump/gauge sender assembly is retained resulting in no change to the fuel gauge operation.

1. With vehicle on hoist, remove forward section of L/H/R inner wheel arch cover to reveal filler neck. Disconnect fill and fast fill hoses from the filler neck. Disconnect fuel line from fuel filter at the front of the tank, also, disconnect the adjacent fuel line that is running parallel with the chassis rail, and at the rear of the fuel tank disconnect fuel vent hose that protrudes rearward from the top of the tank. Loosen bolt tank mounting straps and then lower rear end of tank down and disconnect wiring plug from pump assembly. Tank can now be removed from the vehicle.
2. Remove fill hose from tank and shorten tank end of fill hose by 40mm, remove fast fill hose and shorten tank end of fast fill hose by 130mm (this will also remove the first bend in the hose). Disconnect fuel lines from pump assembly and remove pump from tank, remove float arm from sender assembly and straighten out the dog leg bend in the float arm as shown in the diagram. Remove the two plastic fuel lines that are clipped to the side of the tank (**DO NOT CUT THESE LINES** - they will be reused in their original form). Remove the fuel filter from the front of the tank and note the direction of flow for later refitting.
3. Refer to drawings showing hose layouts on both OEM and LRA tank, as mentioned above do not cut forward running fuel hoses - only cut plastic vent hoses shown and salvage the end couplings, "T" piece and check valve for refitting. Carefully remove the locating lug from the mounting face on the pump assembly by filing the lug off flush with the mounting surface. Take care not to damage surface or the O-ring will not seal correctly. Install fuel pump assembly into new tank, reuse the original O-ring and secure pump assembly with the clamping ring, M5 x 8 cap screws and M5 washers supplied. Install rollover valve supplied (if not already installed) into top of tank. Using drawing showing hose layout as a guide, install vent hoses to tank using the couplings etc. previously removed and the 8mm fuel hose and clamps supplied.

4. Disconnect diff breather hose from its mounting point. Lift new tank up into position and connect wiring plug to pump assembly secure rear of tank with OEM tank strap bolt and flat and spring washers supplied. Ensure tank is running parallel to chassis rail and drill 2 x 10.5mm hole up through cross-member for securing front of tank. Install folded stiffening plate on top of crossmember with folded edge pointing up. This will then sandwich the crossmember - refer drawing. (This plate will also work as a stone deflector & mounting point for the fuel filter). Secure with the M10 x 65 bolts, flat washers and Nyloc nuts provided. Drill 12mm hole up through crossmember for inner rear mount. Then slide plate with strap and nut welded on inside crossmember from the right hand side of the vehicle, install 12mm bolt along with flat and spring washer, tighten all mounting bolts.
5. Refit the fuel filter to its new mounting point, making sure that the filter is fitted pointing same direction as when it was removed. Secure filter with 2" hose clamp supplied. Connect all fuel and vent hoses to their correct mounting points. Refit fill and fast fill hoses and refit inner wheel arch cover. Re-secure diff breather hose to a suitable high mounting point using cable ties supplied e.g. under tray floor stiffening plate. Refit tail shaft fill tank with fuel and check for leaks.



## FITTING KIT CONTENTS HR4ERAREC

<b>Brass:</b>	<b>Electrical:</b>
<b>Bolts / Nuts:</b>	<b>Misc Parts:</b>
<ul style="list-style-type: none"> <li>○ 2 x M10 x 65 Bolt</li> <li>○ 5 x M10 x 25mm Flat Washers</li> <li>○ 1 x M10 Spring Washer</li> <li>○ 2 x M10 Nyloc Nuts</li> <li>○ 5 x M5 Washers</li> <li>○ 5 x M5 x 8 Cap Screws</li> <li>○ 1 x M12 x 30 Bolt</li> <li>○ 1 x M12 x 30 Flat Washer</li> <li>○ 1 x M12 Spring Washer</li> </ul>	<ul style="list-style-type: none"> <li>○ 1 x Discovery Rollover Valve complete with grommet and sleeve left on.</li> <li>○ 1 x Secondary Bracket</li> <li>○ 1 x Hold Down Ring</li> <li>○ 1 x Plate 60 x 100 x 4 with M12 Nut &amp; Strap welded on</li> <li>○ 1 x Profile Cut Washer 40 OD 13mm Hole 4mm Thick</li> </ul>
<b>Hose Clamps:</b>	<b>Cable Ties:</b>
<ul style="list-style-type: none"> <li>○ 8 x 1/4" Hose Clamp</li> <li>○ 1 x 5/8" Hose Clamp</li> <li>○ 1 x 1"1/2 Hose Clamp</li> <li>○ 1 x 2" Hose Clamp</li> </ul>	<ul style="list-style-type: none"> <li>○ 2 x 11" Cable Ties</li> </ul>
<b>Sender:</b>	<b>Pumps &amp; Filters:</b>
<b>Hose:</b>	<b>Pages of Fitting Instructions Consisting of:</b>
<ul style="list-style-type: none"> <li>○ 1 x 8mm Fuel Hose @ 500mm</li> <li>○ 1 x 8mm Fuel Hose @ 1300mm</li> </ul>	<ul style="list-style-type: none"> <li>○ 2 x Fitting Instructions</li> <li>○ 1 x Fitting Kit Contents</li> <li>○ 3 x Fitting Diagrams</li> </ul>

Kit Packed By \_\_\_\_\_

Checked By \_\_\_\_\_





