



Installation Instructions for HR4DRAR Holden Rodeo RA Diesel Manual 115L Main Tank Replacement

This tank replaces the original. No exhaust modifications are required and the original fuel pickup/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 lines at the front of the tank, loosen bolt tank mounting straps and then lower rear end of tank down and disconnect wiring plug from sender assembly. Tank can now be removed from the vehicle.
2. Remove fill hose from tank and shorten tank end of fill hose by 35mm, 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 pickup/sender assembly and remove from tank. There are 2 sender unit float arm diagrams included, one for the early type and one for the RA7 type. Remove float arm from sender assembly and modify as per the applicable 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)
3. Carefully remove the locating lug from the mounting face on the pickup 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 pickup assembly with the new clamping ring, M5 x 8 cap screws and M5 washers supplied.
4. Remove tail shaft, remove 19mm headed bolt from body retaining mount adjacent to rear of muffler and allow mount to swing down. 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. Swing body retaining mount back up into position under new tank mounting bracket and secure with 19mm bolt previously removed. 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 stiffening plate on top of front cross-member. This will then sandwich the cross-member. Secure with the M10 x 65 bolts, flat washers and Nyloc nuts provided, tighten all mounting bolts.

5. 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.

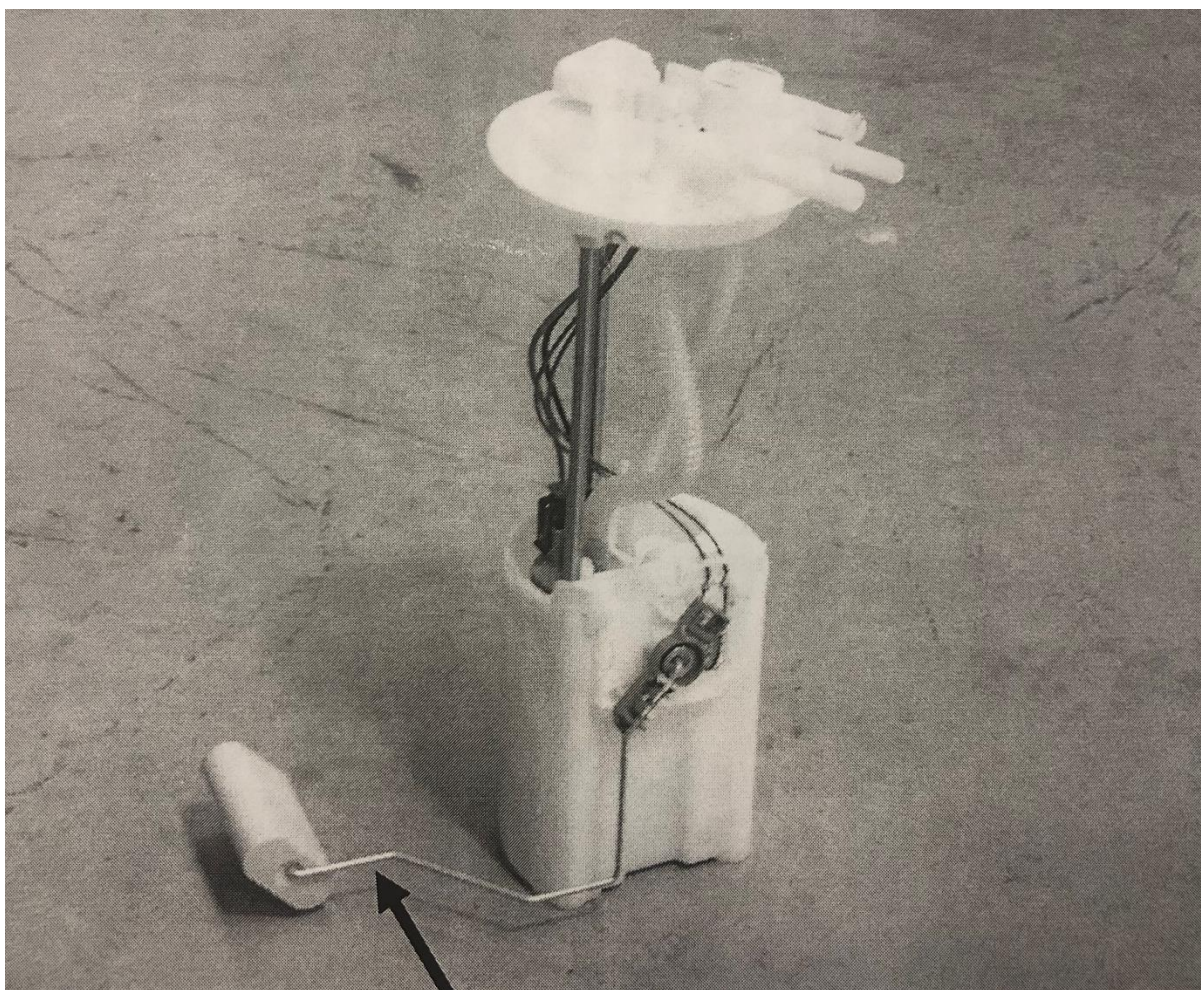


FITTING KIT CONTENTS HR4DRAR

Brass:	Electrical:
Bolts / Nuts:	Misc Parts:
<ul style="list-style-type: none"> ○ 2 x M10 x 65 Bolt ○ 5 x M10 x 25mm Flat Washers ○ 1 x M10 Spring Washer ○ 2 x M10 Nyloc Nuts ○ 5 x M5 Washers ○ 5 x M5 x 8 Cap Screws 	<ul style="list-style-type: none"> ○ 1 x Secondary Bracket for Front Top Mount ○ 1 x Hold Down Ring ○ 1 x 2.5mm Rod @ 60mm to extend float arm (RA7 Models)
Hose Clamps:	Cable Ties:
<ul style="list-style-type: none"> ○ 1 x 5/8 Hose Clamp ○ 1 x 1 1/2" Hose Clamp 	<ul style="list-style-type: none"> ○ 2 x 7" Cable Ties
Sender:	Pumps & Filters:
Hose:	5 Pages of Fitting Instructions Consisting of:
	<ul style="list-style-type: none"> ○ 2 x Pages Fitting Instructions ○ 1 x Page Fitting Kit Contents ○ 1 x Page Sender Arm Mod Diagram Early ○ 1 x Page Sender Arm Mod Diagram RA7

Kit Packed By _____

Checked By _____

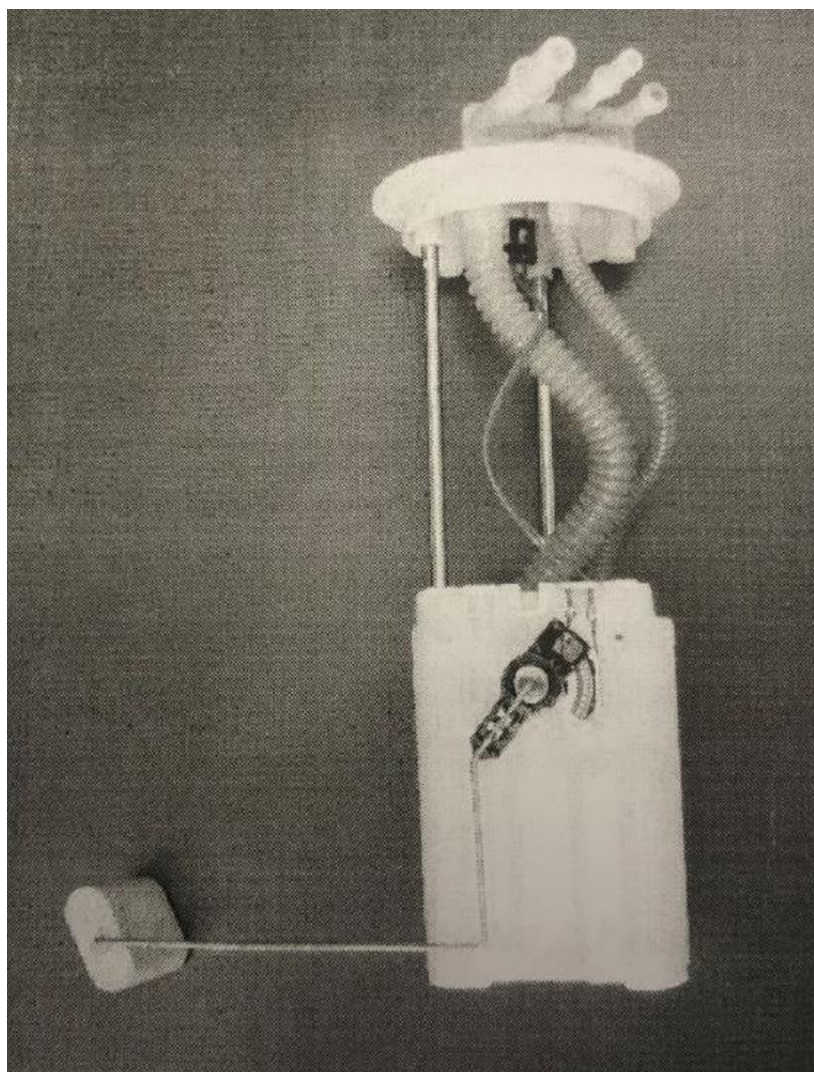
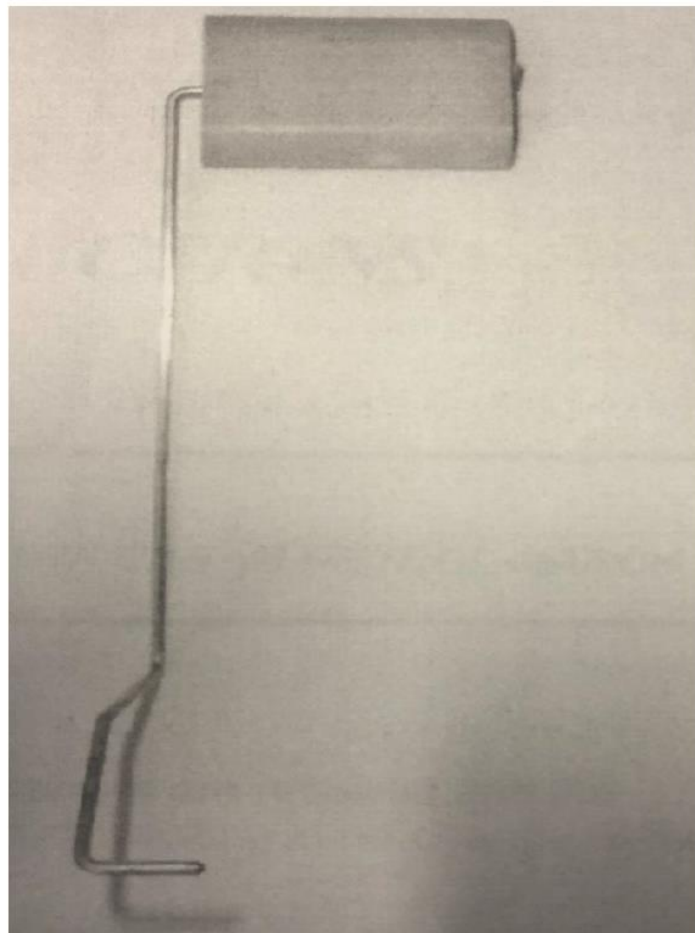
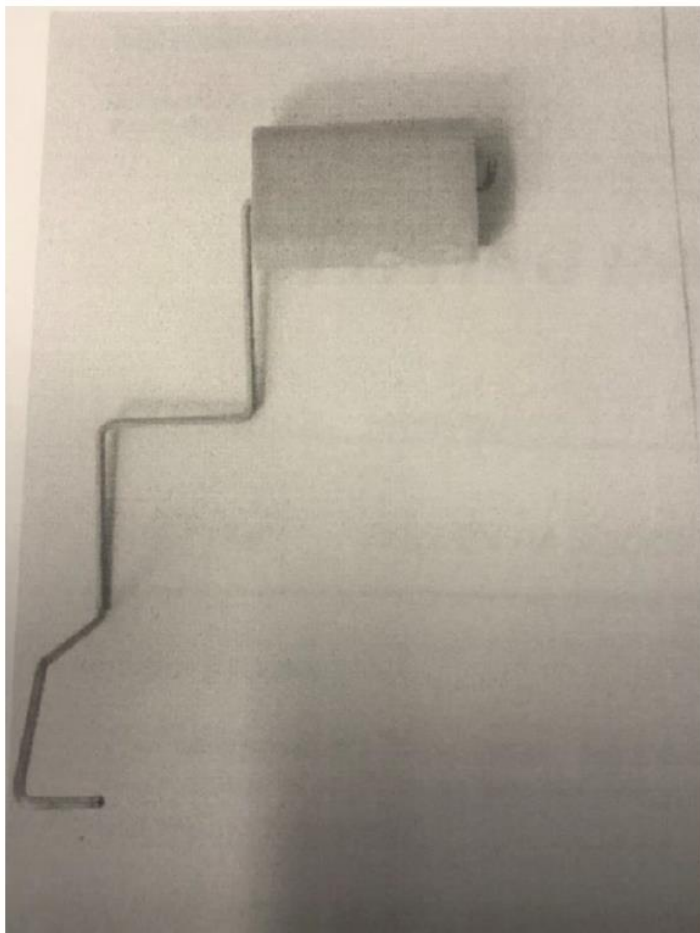


Extend this section*

HR4DRAR

HOLDEN RODEO RA7 2007+ FLOAT ARM MODIFICATION

Un-clip the float arm from the fuel pump/pick-up assembly. Using the 2.5mm rod @ 60mm long you need to extend the float arm by 40mm (allowing for a 10mm overlap on each joint). Do this in the straight section* near the float. Refit to assembly and check the full to empty travel of the float arm.



HR4DRAR Holden Rodeo RA Float Arm Modification

Un-clip the float arm from the fuel pump/pick up assembly. There are 2 90° bends in the horizontal section of the arm. Carefully straighten these bends out to make this section of the arm straight. Refit assembly and check the full to empty travel of the float arm.