Installation Instructions for TLC80FR-DA

Toyota Landcruiser 80 Series
140lt Main Replacement Tank
Diesel – Automatic

This tank is a replacement for the original front tank.

1. Remove the standard fuel tank and straps leaving short strap sections on the left handside attached.

2. Bolt the new front inner tank strap mount C section in place of the original front inner strap mount and cross drill for 2 x M8 x 85mm bolts and Nyloc nuts. This now becomes the mount for the new front tank strap. The new rear tank strap mount is a floor pan reinforcing plate fitted from the inside of the vehicle. The position for this hole to be ascertained when the new tank is in position and the new rear strap is put into position.

3. Remove fuel tank sender / pump unit from original tank and lengthen the float arm by 70mm (the rod in the kit is 90mm long to allow for 10mm overlap on the join.) For Petrol model lengthen the fuel pump frame by 60mm using the pump extension bracket and the 100mm length of 5/16" fuel hose. For Diesel model use the 80mm length of 13mm tube and modify the pickup as per drawing. Carefully straighten the lowfuel light sensor rod down by 60mm so the low fuel light does not come on to early.

4. Fit fuel sender / pump unit to new tank using M5 nuts and washers and check sender unit float arm travel. Fit 12mm hose barb straight to the fitting next to the filler neck and the rollover valve from the original tank.

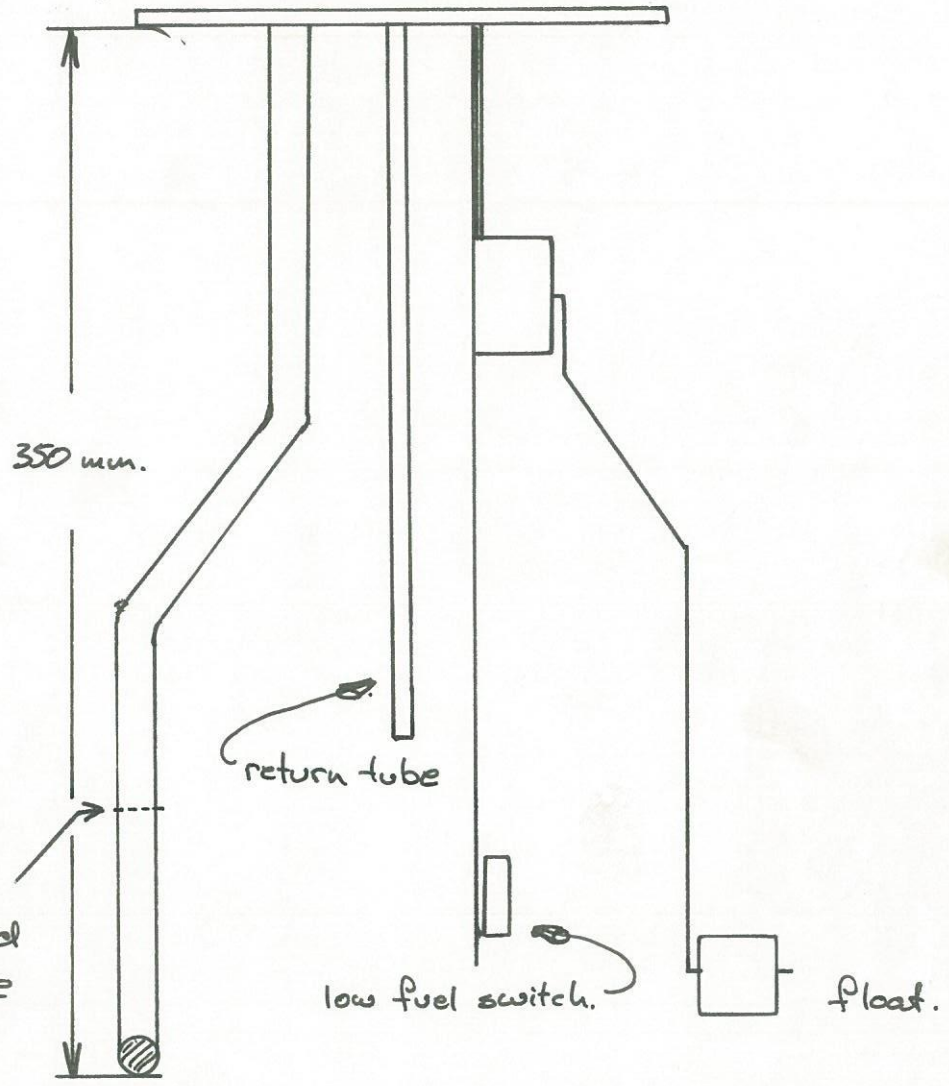
5. Give the front outer tank strap mount a slight twist so that it lays parallel to the chassis rail.

6. Lift tank into position guiding it on to the fill hose and secure with the new straps.

7. Check clearances, tighten bolts and refit all hoses and wiring. Refit hand brake cable bracket to the M8 bolt that is welded to the rear strap with M8 Nyloc nut and M8 x 20mm washer.

8. Refill with fuel and check all hoses and fittings.

THC 80 FR. Diesel pick up rework.



cut pick up tube here extended using steel tube supplied. Silver solder tube in place ensure pick up tube is 350 mm from end of tube to bottom of flange as shown.

FITTING KIT CONTENTS TLC80FR-PA-US (DIESEL CONVERSION KIT)

Brass:	Electrical:
Bolts / Nuts:	**Misc Parts:**
	○ 1 x 13mm Tube @ 80mm Long – Drill Inside Both Ends with 10mm Drill
Hose Clamps:	**Cable Ties:**
○ 2 x 3/8" Hose Clamps	
Sender:	**Pumps & Filters:**
Hose:	**3 Pages of Fitting Instructions Consisting of:**
○ 1 x 6mm Fuel Hose @ 1100mm ○ 1 x 6mm Fuel Hose @ 850mm ○ 1 x 10mm Fuel Hose @ 1200mm	○ 1 x Fitting Instructions ○ 1 x Fitting Kit Contents ○ 1 x Pick Up Rework Drawing

Kit Packed By_____ Checked By _____