



Installation Instructions for TLC100RRE
Toyota Landcruiser FZJ100 EFI
150L Replacement Sub Tank

This tank is a replacement for the original 50L sub tank. Removal of the spare wheel is required. This will need to be mounted on a rear wheel carrier.

1. Remove spare wheel and spare wheel carrier and remove standard fuel tank and straps.
2. Remove rounded tank location bracket from right hand side of floor pan to allow fitting of new tank.
3. Remove fuel tank sender unit from original tank and lengthen the float arm by 210mm (the wire provided in the fitting kit is 230mm to allow 10mm overlap on each joint). Re-work fuel pump cradle as per diagrams being careful not to leave any swarf inside supply or return pipes and that all cut edges are smooth.
4. Fit fuel tank sender unit to tank and check sender unit float arm travel – fit reworked fuel pump assembly to tank.
5. Remove rear tail pipe mounting bracket and insulator from vehicle, install new front and rear tank mounting brackets, discard rear tail pipe mounting bracket and fit insulator on top of rear tail pipe bracket and under rear tank mounting bar. Bolt holes for insulator should line up easily.
6. Lift tank into position and secure. Check clearances and tighten bolts. Refit all hoses and wiring.
7. Fill with fuel and check all hoses and fittings for leaks.



FITTING KIT CONTENTS TLC100RRE

Brass:	Electrical:
<ul style="list-style-type: none"> ○ 1 x P3 1/2 x 1/4 (12mm Hose Barb Straight) 	<ul style="list-style-type: none"> ○ 1 x Blue 3mm Single Core Wire @ 240mm ○ 1 x Black 3mm Single Core Wire @ 240mm
Bolts / Nuts:	Misc Parts:
<ul style="list-style-type: none"> ○ 10 x M8 x 25 Bolts ○ 10 x M8 Spring Washers ○ 10 x 5/6 x 1" Washers ○ 2 x M10 Nyloc Nuts ○ 2 x 3/8" x 1" Washers ○ 2 x M12 x 30 Bolts ○ 2 x M12 Nyloc Nuts ○ 4 x M12 x 25 Washers 	<ul style="list-style-type: none"> ○ 1 x 2.5mm Rod @ 230mm ○ 1 x Tank Mounting Bar Kit (Front & Rear) ○ 1 x Fuel Pump Cradle Extension
Hose Clamps:	Cable Ties:
<ul style="list-style-type: none"> ○ 2 x 1/2" Hose Clamps ○ 4 x 5/16" EFI Hose Clamps ○ 1 x 1 1/2" Hose Clamp 	<ul style="list-style-type: none"> ○ 3 x 7" Cable Ties ○ 1 x 11" Cable Tie
Sender:	Pumps & Filters:
Hose:	4 Pages of Fitting Instructions Consisting of:
<ul style="list-style-type: none"> ○ 2 x 5/16 EFI Hose (IN TANK TYPE) @ 40mm ○ 1 x 38mm Fuel Hose @ 50mm (Use as Pump Insulator) ○ 1 x 8mm Bundy Tube @ 205mm ○ 4 x 3mm Fuel Resistant Shrink Tube @ 30mm 	<ul style="list-style-type: none"> ○ 1 x Page Fitting Instructions ○ 1 x Page Fitting Kit Contents ○ 1 x Page Pump Modification Drawing 1 ○ 1 x Page Pump Modification Drawing 2

Kit Packed By _____

Checked By _____

cut last bend off pipe
to allow returning fuel
to fall directly into swirl pot

cut here

cut here

cut carrier here and extend in
205mm using part supplied in
kit

original pump carrier



