



**Installation Instructions for
TLC200RR-0815
Toyota Landcruiser 200 Series
170lt Sub Replacement Tank
August 2015 Onwards**

1. Remove the R/H wheel arch cover. Remove the spare wheel and the wheel carrier. Drain and remove the Original tank and straps.
2. Using the Mounting bar for reference, drill out the matching holes in the chassis rail to 8.5mm and 10.5mm and bolt mounting bar in place using bolts with straps attached, washers and Nyloc nuts. The 5mm bar end packers are for the forward hole on both the left hand and right hand side of the mounting bar.
3. Fit grommet and rollover valve to tank and attach 550mm length of 6mm fuel hose to this valve and point forward. Screw the P6 1/4 x 1/8 Elbow into the top of the tank and point forwards, fit the original 6mm line with the pink band to this elbow. Screw the P3 5/16 x 1/4 straight fitting into the front of the tank, this is the fuel pick up, use the 230mm length of 8mm hose to attach to the pickup. The two remaining P3 5/8 x 3/8 straight fittings are the fast fill vent fittings.
4. Modify the Sender unit by cutting the original metal frame 35mm from the sealing face, and bolting the new Sender unit extension bracket in place with the M5 x 8mm Pan head screws and Nyloc nuts. Lengthen the sender unit wires by soldering and using Fuel resistant heat shrink tube. Transfer float from original float arm to the new float arm. Be careful with the retaining clip. You need to peen the end of the wire to keep the washer in place. The sender unit slides in place but requires the sender to be secured bending the two tabs over and using the M4 Screw and Nyloc as per Fig 1 & 2
5. Slip the M10 U bolts over the cross member and jack the tank into position. (Don't forget to connect the sender unit). Secure the front with M10 Nyloc nuts and washers and the rear with M12 Bolts Heavy duty washers and Nyloc nuts.

6. Connect the 6mm hose from the rollover valve to where the green 6mm line came from (This line goes into a valve that pushes into a grommet in the under body). Connect the Pink 6mm line to the remaining 6mm fitting and the 230mm length of 8mm hose to the pickup line. Connect original fast fill vent hoses and cut 35mm from the original fill hose. Check over all hoses and fittings. Replace wheel arch covers.



FITTING KIT CONTENTS TLC200RR-0815

Brass: <ul style="list-style-type: none"> ○ 1 x P6 1/4 x 1/8 6mm Elbow ○ 1 x P3 5/16 x 1/4 8mm Straight ○ 2 x P3 5/8 x 3/8 16mm Straight 	Electrical: <ul style="list-style-type: none"> ○ 1 x Red 2.5mm single core @ 150mm ○ 1 x Black 2.5mm single core @ 150mm ○ 1 x Green 2.5mm single core @ 150mm ○ 6 x fuel resistant shrink tube @ 30mm
Bolts / Nuts: <ul style="list-style-type: none"> ○ 1 x M4 x 8mm Screw ○ 1 x M4 Nyloc Nut ○ 2 x M5 Nyloc nuts ○ 2 x M5 x 8mm Pan head screws ○ 2 x M8 x 20mm washers ○ 2 x M8 Nyloc nuts ○ 10 x M10 x 25mm washers ○ 10 x M10 Nyloc nuts ○ 4 x M12 Heavy Duty washers ○ 2 x M12 x 30mm bolts ○ 2 x M12 Nyloc nuts 	Misc Parts: <ul style="list-style-type: none"> ○ 1 x Roll Over Valve ○ 1 x LRA-FTG-2 ○ 1 x Rear mounting bar ○ 1 x Float arm (08 2015 On) ○ 1 x Sender unit extension bracket (08/15 On) ○ 2 x 5mm Bar End Packers (Left and Right) ○ 3 x M10 x 85mm U bolts @ 100mm ○ 2 x M10 x 30mm Bolt C/W 300mm Strap ○ 2 x M10 x 30mm Bolt C/W 150mm Strap ○ 2 x M8 x 30mm Bolt C/W 150mm Strap
Hose Clamps:	Hose: <ul style="list-style-type: none"> ○ 1 x 6mm Fuel Hose @ 550mm ○ 1 x 8mm Fuel Hose @ 230mm
Pumps & Filters:	Cable Ties: <ul style="list-style-type: none"> ○ 1 x 7" cable ties ○ 1 x 100mm cable ties
Sender:	4 Pages of Fitting Instructions Consisting of: <ul style="list-style-type: none"> ○ 2 x page fitting instructions ○ 1 x page fitting kit contents ○ 1 x TLC200RR-0815 Sender Mod Pictures

Kit Packed By _____

Checked By _____

TLC200RR-0815 Sender Unit Modifications

