

Installation Instructions for TLC100IFSDFR <u>Toyota Landcruiser HDJ100 Series</u> 144lt Main Replacement Tank

12/20 - TL

- 1. Drain and remove the OE tank and straps. Unbolt the park brake cable mounts. Bolt the new in board strap mount in place with 1 x OE strap bolt, 1 x M8 x 30mm bolt spring and flat washer. Cross drill this bracket and fit 2 x M8 x 100mm bolts with Nyloc nuts and washers. Bolt the two new L/H strap extension brackets in place with the OE strap bolts and reinforcing plates. The longer of the two is the rear bracket. Glue the two rubber strips to the floor braces.
- 2. Cut 50mm from the tank end of the steel fill pipe. Remove the LHR seat and lift the carpet. From underneath the vehicle Drill a 10.5mm hole up through the hole that is in the OE tank locator bracket on the rear floor brace. Fit floor plate with M10 x 100mm bolt from inside and out through this hole.
- 3. Remove the fuel sender / pickup assembly from the OE tank and lengthen the fuel pickup with 78mm length of 12mm tube and the two 50mm lengths of 12mm hose. Lengthen the float arm by 80mm using the 100mm length of 2.5mm rod, this allows for a 10mm overlap on the joins. Fit the unit to the tank with BS345 O-ring, M5 x 8mm cap screws, washers and new hold down ring and check the full to empty float arm travel. Fit the OE roll over valve to the tank.
- 4. Screw the P3 $5/8 \times 1/4$ straight fitting into the tank. Lengthen the wires that go to the solenoid valves by 800mm. Fit the OE fill and fast fill hoses to the tank, trim 90mm from the fast fill hose.
- 5. Jack the tank into position guiding the fill hose on to the filler pipe as the tank goes into position. Secure the tank with new straps and M10/12 bolts with Nyloc nuts. Run the pickup return and wiring out the side of the tank then loop around to the rear and secure these lines with the rubber lined P clips. Connect the remaining vent lines and wiring. Bolt the park brake cable back to the M8 stud on the Inside of the rear strap.
- 6. Check over all hoses connections and fittings.



FITTING KIT CONTENTS TLC100IFSDFR

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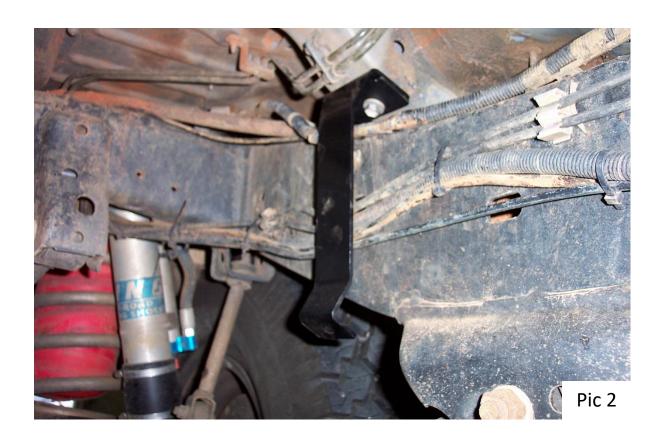
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Brass	Electrical
o 1 x P3 5/8 x 1/4 Straight	o 1 x 3mm Two Core @ 800mm
	o 4 x 3mm Shrink Tube @ 25mm
	o 1 x 6mm Conduflex @ 1200mm
Bolts / Nuts	Misc Parts
o 1 x M8 x 30mm Bolt	o 1 x 12.7mm Tube @ 78mm
o 2 x M8 x 100mm Bolts	o 1 x 2.5mm Rod @ 100mm
o 1 x M8 x 20mm Washer	○ 2 x Tank Straps – Front & Rear
o 4 x M8 x 25mm Washers	 2 x Strap Extension Brackets – Long & Short
○ 1 x M8 x Spring Washer	o 6 x Strap Reinforcing Plates 50 x 30 x 3mm
o 4 x M8 Nyloc Nuts	o 1 x Front Inner Strap Mount C-section
o 2 x M10 x 40mm Bolts	o 1 x Rear Inner Strap Mount Floor Plate
○ 1 x M10 x 100mm Bolt	o 1 x Strap Rubber @ 125mm
o 5 x M10 x 25mm Washers	o 1 x Strap Rubber @ 175mm
o 3 x M10 Nyloc Nuts	o 1 x Strap Rubber @ 785mm
o 1 x M12 Nyloc Nut	o 1 x Strap Rubber @ 885mm
o 1 x M12 Washer	o 1 x 60mm x 3mm Rubber @ 490mm
o 3 x TEK Screws	o 1 x 60mm x 3mm Rubber @ 560mm
o 1 x M6 Nyloc Nut	 2 x Strap Extension Reinforcing Plates
o 8 x M5 x 8mm Cap Screws	o 1 x TLC100F Hold Down Ring
o 8 x M5 Washers	o 1 x BS345 O-Ring
Hose	Hose Clamps
o 1 x 6mm Fuel Hose @ 1500mm	o 2 x 1/4" Hose Clamps
o 1 x 8mm Fuel Hose @ 1000mm	o 6 x 1/2" Hose Clamps
o 2 x 12mm Fuel Hose @ 50mm	o 1 x 13mm P Clip
o 1 x 12mm Fuel Hose @ 1000mm	o 1 x 16mm P Clip
	o 1 x 25mm P Clip
Cable Ties	4 Pages Fitting Instructions Consisting Of
o 4 x 7" Cable Ties	o 1 x Page Fitting Instructions
o 3 x 11" Cable Ties	1 x Pages Fitting Kit Contents
	o 2 x Pages Reference Pictures
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TLC100IFSDFR FITTING INSTRUCTION PICTURES





TLC100IFSDFR FITTING INSTRUCTION PICTURES



