



Installation Instructions for TLCFJCRURR-US Toyota FJ Cruiser (US Spec) 115lt Replacement Tank

Updated 02/19

1. Remove the standard tank from the vehicle. Be careful when you lower the tank as the wiring harness from the pump assembly is only very short. Remove the fuel pump/sender unit assembly from the tank. Trim the locating tab from the pump housing flange. Unclip the float arm from the assembly and extend the horizontal section (near the float) of the float arm by 40mm, the rod in the kit is 60mm long to allow for a 10mm overlap on each join.
2. With a sharp blade trim the coupling ends from the fuel pickup and return lines. Use the coupling ends and the two lengths of 8mm EFI hose and EFI clamps to make up new lines. Trim one of the coupling ends from the small vent line on the OE tank and connect to the 500mm length of 8mm hose.
3. Fit the fuel pump assembly to the tank with the float arm and the pickup and return barbs pointing to the RHS. Secure the unit with the new O/ring, hold down ring and M5 x 8mm cap screws. Screw the P3 5/16 x 1/4" straight fitting into the top of the tank. Fit the 500mm length of 8mm hose with the OE coupling to this fitting. Fit the new 1300mm EFI hoses with the OE couplings to the fuel pump assembly and cover with the 16mm Conduflex. Fit roll over valve to the tank and connect to FLVV using 270mm length of 6mm hose.
4. Jack the tank into position and feed the pickup and return lines over the crossmember near drive shaft side of tank and connect to the OE fuel lines. Connect the sender/pump wiring. Check the position of the tank to the brake lines on the LHS front of the tank and ensure clearance. Drill the two front mounting holes (you will have to drop the drive shaft to drill the RH front hole). Secure the RH rear of the tank with the M10 x 80mm bolt using the tube spacer and Nyloc nut and washers. LH Rear with the OE strap bolt. Use the M12 x 30mm bolt with the 35mm x 55mm plate on the RH front, and the two M12 x 30mm. Bolts with the washers and straps attached for the LH Front.
5. Connect the filler with the OE fill hose. Cable tie the pickup and return lines neatly in place. Connect the emission canister line to the fill limit valve with OEM coupling. Check over all hoses and fittings. Refill with fuel.



FITTING KIT CONTENTS TLCFJCRURR-US

Updated 9/23 - TL	
Brass:	Electrical:
<ul style="list-style-type: none"> ○ 1 x P3 5/16 x 1/4 Hose Barb Straight 	
Bolts / Nuts:	Misc Parts:
<ul style="list-style-type: none"> ○ 1 x M10 x 80mm Bolt ○ 3 x M12 x 25mm Washers ○ 2 x M10 x 25mm Washers ○ 1 x M10 Nyloc Nut ○ 3 x M12 Nyloc Nuts ○ 6 x M5 x 8mm Cap Screws ○ 6 x M5 Spring Washers ○ 6 x M5 x 10mm Washers ○ 6 x M5 x 8mm Pan Head Screws 	<ul style="list-style-type: none"> ○ 1 x J3560058 Roll Over Valve ○ 1 x LRA-FTG Grommet ○ 1 x 2.5mm Rod @ 60mm ○ 1 x Pump Hold Down Ring ○ 1 x BS357 O Ring ○ 1 x BS337 O Ring ○ 1 x 16mm x 45mm Tube Spacer ○ 2 x M12 x 30mm Bolt with Washer & Strap Welded ○ 1 x 35mm x 55mm x 4mm Profile Cut Plate with M12 x 30mm Bolt Welded ○ 1 x FLV 60-FJCH Valve
Hose Clamps:	Cable Ties:
<ul style="list-style-type: none"> ○ 6 x EFI Hose Clamp ○ 2 x 1/4 Hose Clamps 	<ul style="list-style-type: none"> ○ 4 x 7" Cable Ties
Sender:	Pumps & Filters:
Hose:	2 Pages of Fitting Instructions Consisting of:
<ul style="list-style-type: none"> ○ 1 x 6mm Fuel Hose @ 270mm ○ 2 x 8mm EFI Hose @ 1300mm ○ 2 x 16mm Conduflex @ 1200mm ○ 1 x 8mm fuel hose @ 500mm ○ 1 x 16mm Conduflex @ 230mm 	<ul style="list-style-type: none"> ○ 1 x Page Fitting Instructions ○ 1 x Page Fitting Kit Contents

Kit Packed By _____

Checked By _____