1981-1990 Toyota Land Cruiser HJ/FJ 60-62 Series 40 Gallon Replacement Tank Instructions

Product Information/Install Instructions for

Toyota Land Cruiser 60-62 Series HJ/FJ Main Replacement Tank

Kit P/N TLC602R





NOTE: This product is NOT FOR SALE TO, OR USE BY, CALIFORNIA RESIDENTS. This product has not been approved, certified, rated or otherwise passed upon by any Federal or State regulatory agency

D. INSTALLATION KIT CONTENTS

HARDWARE	HOSES & CLAMPS	MISC PARTS
4 x M10 x 30mm Bolt	1 x 6mm CMP Hose @ 39.37" Long	1 x 2.5mm Rod @ 5.7" Long (to extend float arm)
4 x M10 Nyloc Nut	1 x 6mm CMP Hose @ 53.15" Long	2 x Secondary Brackets (for rear of tank)
2 x M10 x 30mm 1.25 Fine Thread Bolt	1 x 6mm CMP Hose @ 59.06" Long	Magnet (for use in new tank)
8 x M10 Flat Washer	1 x 12mm CMP Hose @ 14.17" Long	
	1 x 10mm Fuel Hose @ 15.75" Long	
	1 x 51mm Fuel Hose @13.4" Long	
	2 x 2" Hose Clamp	
	2 x 1/2" Hose Clamp	
	6 x 1/4" Hose Clamp	
	2 x 3/8" Hose Clamp	
BRASS	**ELECTRICAL**	
2 x P6 1/4" x 1/4" 6mm Elbow		
2 x P3 1/4" x 1/4" 8mm Straight (use 1 if FJ60)		
2 x P3 5/16" x 1/4" 8mm Straight (use 1 if FJ60)		
1 x P3 3/8" x 1/4" 10mm Straight		
1 x P3 1/2" x 1/4" 12mm Straight		
1 x 1/4" BSP Plug		

A. REMOVE FUEL TANK

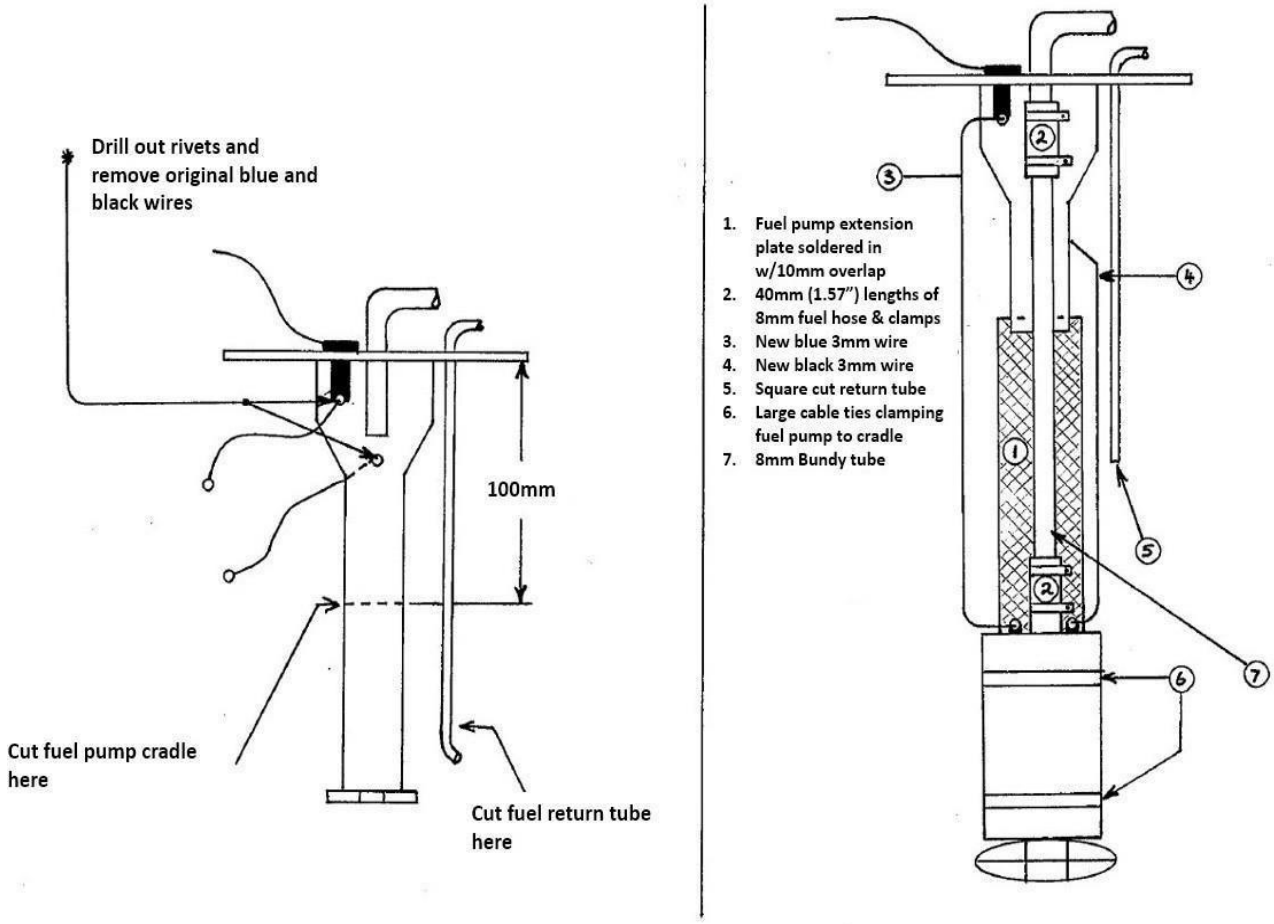
1. Remove spare wheel and spare wheel carrier from vehicle. These will not be reinstalled in their original location.
2. Remove OEM fuel tank from vehicle, being careful to disconnect all hoses and wires before dropping the tank down.

B. PREPARE NEW TANK

<u>CAUTION</u>: INSURE THERE IS NO FUEL LEFT IN/ON THE ASSEMBLY AND FUMES HAVE EVAPORATED BEFORE SOLDERING!

1. Remove sender unit from OEM fuel tank.
2. Extend float arm by 125mm using the rod included in the Installation Kit (the rod in the install kit is 145mm long to allow for a 10mm (0.4-inch) overlap on each joint). NOTE: DO NOT OVERHEAT THE UPPER FLOAT ROD WHEN SOLDERING ON THE EXTENSION, THE CIRCUIT BOARD IN THE SENDING UNIT CAN BE DAMAGED!

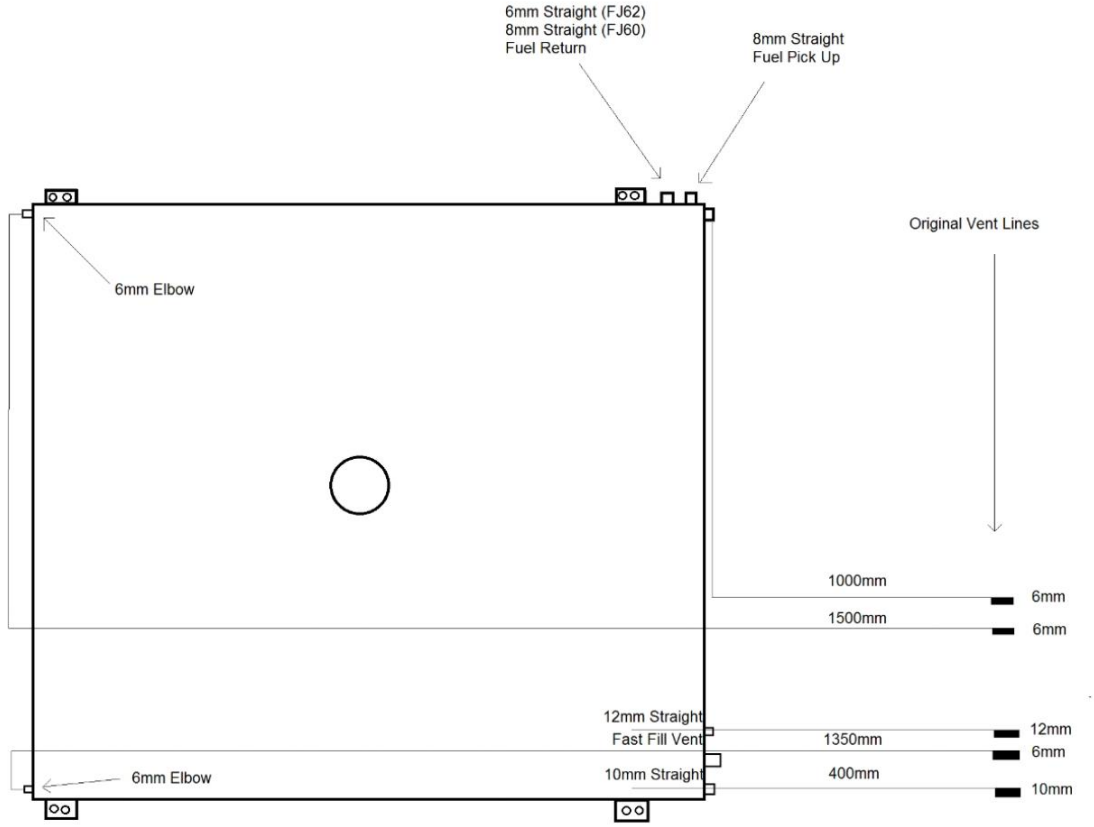
60 SERIES FUEL PUMP REWORK



PREPARE NEW TANK *(continued)*

1. Drop supplied magnet into the tank, and locate as close to the fuel pickup point as possible.
2. Fit sender to new tank and check full/empty travel of float arm.
3. Screw brass fittings into tank as per diagram (included in tank kit).

Toyota Landcruiser HJ/FJ 60-62 - TLC602R
150L Replacement Tank
Fitting Instructions



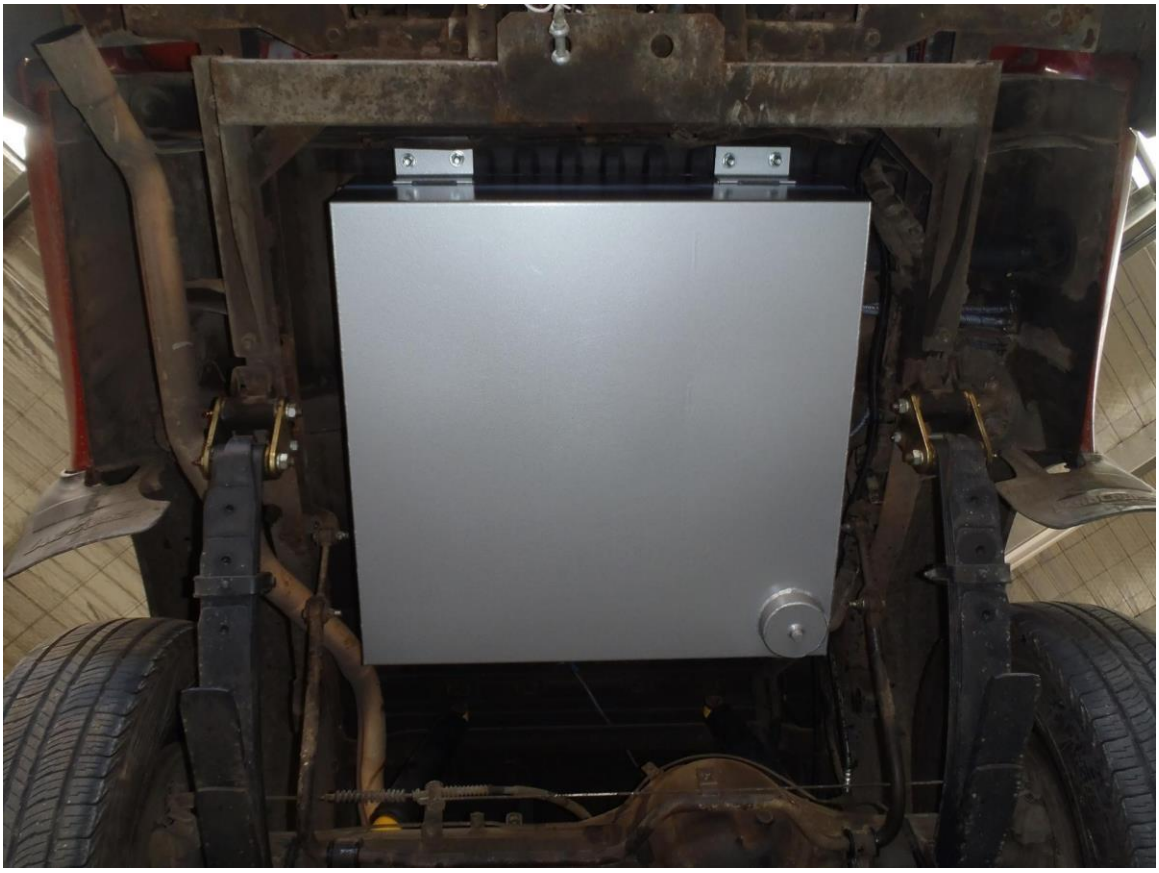
A. PUT NEW TANK INTO POSITION/CONNECT HOSES AND WIRES

1. Bolt the two new secondary brackets from the install kit into position of the original rear tank strap mounting holes.
2. Safely lift new tank into position, connecting the OEM filler pipe to the tank filler inlet and connecting the sender unit wires as it is lifted. Before tank is all the way in place, feed the 6mm vent hoses from the left- hand side of the tank over the top of the tank to the right-hand side (be careful that the hoses do not get pinched between the tank and the floor pan braces).
3. Secure the tank with the new M10 x 30mm bolts and Nyloc nuts.
4. Finish connecting all other hoses as per diagram (included in tank kit).



B. FINISH INSTALLATION

1. Check all hose clamps and bolts for tightness.
2. Fill with fuel and check all hoses and fittings for leaks. **DO NOT OVERFILL OR "TOP OFF" TANK WHEN FILLING, DAMAGE TO YOUR EMISSION SYSTEM MAY RESULT.**
3. Reconnect vehicle battery.



A. Are all hose clamps tight and secure?

B. Are all nuts and bolts secured?

C. Are mounting brackets and straps secure?

D. Are Fuel Gauge Sending Unit bolts secured?

E. Are all fuel lines secure with no kinks?

F. Does tank interfere with, or rub on, other vehicle components?

G. Is tank calibration accurate?

☐ Congratulations! You have completed the install!