1972-1980 Toyota Land Cruiser 55 Gallon Replacement Tank Instructions

Product Information/Install Instructions for

Toyota Land Cruiser FJ55 Series 1972-1980 Gas/ Diesel

Kit P/N TLC55R



D. INSTALLATION KIT CONTENTS

HARDWARE	HOSES & CLAMPS	MISC PARTS
8 x M10 x 30mm Bolt	1 x 6mm Fuel Hose @ 78.7" Long	1 x 2.5mm Rod @ 11.8" Long (to extend float arm)
8 x M10 Nyloc Nut	2 x 8mm Fuel Hose @ 7.87" Long	2 x Secondary Bracket (1 left-hand, 1 right-hand)
8 x 10 x 25mm Washer	1 x 12mm Fuel Hose @ 11.8" Long	Magnet (to be used in new tank)
5 x M4 x 8mm Screw for Sender Unit	2 x 2" Hose Clamp	
	2 x 1/2" Hose Clamp	
	10 x 1/4" Hose Clamp	
BRASS	**ELECTRICAL**	
4 x P3 1/4" x 1/8" 6mm Straight Hose Barb		
2 x P3 5/16" x 1/4" 8mm Straight Hose Barb		
1 x P3 1/2" x 1/4" 12mm Straight Hose Barb		

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

CAUTION: 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 using the rod included in the Installation Kit. **NOTE: DO NOT OVERHEAT THE UPPER ROD WHEN SOLDERING, THE CIRCUIT IN THE SENDING UNIT HEAD CAN BE DAMAGED.**
3. Allow for 0.4-inch (10mm) overlap on the float arm joint.
4. Drop supplied magnet into the tank, and locate as close to the fuel pickup point as possible.
5. Fit sender to new tank and check full/empty travel of float arm.
6. Screw brass fittings into tank:
    a) The 2 x 5/16” straight barbs into the right-hand side for the fuel pickup (front fitting) and return line (rear fitting).
    b) The 1/2” straight barb and the 4 x 1/4” straight barbs into the left-hand side of the tank.

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

1. Bolt the two new secondary brackets (1 left-hand, 1 right-hand) into position on top of the original rear tank mounting brackets.
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. Secure the tank with the new M10 x 30mm bolts and Nyloc nuts.
3. Finish connecting all other hoses.

B. FINISH INSTALLATION

1. Check all hose clamps and bolts for tightness.
4. Fill with fuel and check for leaks. **DO NOT OVERFILL OR "TOP OFF" TANK WHEN FILLING, DAMAGE TO YOUR EMISSION SYSTEM MAY RESULT.**
5. 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!**