



Installation Instructions for TLC100IFSDRR Toyota Landcruiser HZJ100 Series IFS 160lt Rear Replacement Tank

This tank is a replacement for the original 50L Sub Tank. Removal of the spare wheel is required. This will need to be mounted on a rear wheel carrier.

1. Remove spare wheel and spare wheel carrier. Also remove spare wheel rests that are bolted to crossmembers. Remove standard fuel tank and mounting straps. Remove tail pipe assembly and the removable exhaust hanger from the chassis rail. Locate and remove the rounded tank locating bracket that is spot welded to the right hand side of floor pan to allow fitting of new tank.
2. Install front secondary bracket to crossmember, only two of the four holes will line up with the captive nuts in the crossmember, the remaining two holes will need to be drilled. Use secondary bracket as a template for the drilling of the two other holes. Install the rear mounting bar to the chassis using the holes shown in drawing, then drill the two extra holes needed, ensure all secondary bracket and mounting bar nuts and bolts are tight.
3. Remove sender from original fuel tank and extend float arm by 240mm (wire in fitting kit is 260mm long to allow for a 10mm overlap on each join). Check full and empty OHMS reading of sender before and after fitting to new tank, readings should match. Install brass fittings to tank, 1xP3 ½ x ¼ fitting goes into the fast fill socket adjacent to the filler neck, the other ½ x ¼ fitting goes into the pick-up socket at the front of the tank and the remaining 5/16 x ¼ fitting is the return. Install the original pick-up and return hoses to their fittings on the new tank.
4. Lift tank into position and tighten all bolts, check tank for body and chassis clearance. Connect all hoses and wires, fill with fuel and check for leaks.



FITTING KIT CONTENTS TLC100IFSDRR

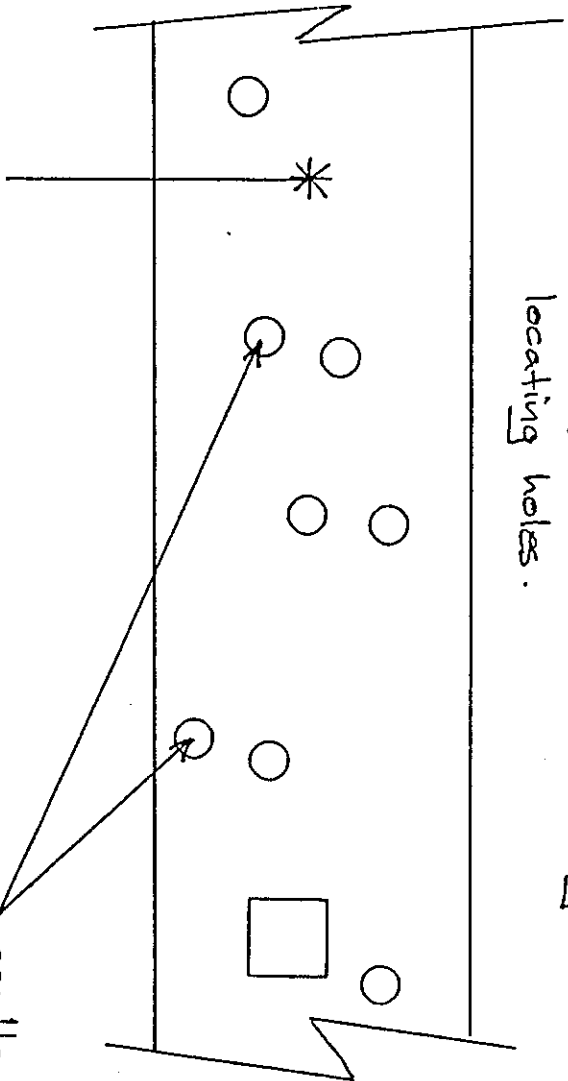
Bolts / Nuts	Brass
<ul style="list-style-type: none"> ○ 8 x M8 x 25mm Bolts ○ 8 x M8 Spring Washers ○ 2 x M8 x 25 Bolts c/w 300mm Strap ○ 2 x M8 x 25 Bolts c/w 150mm Strap ○ 4 x M8 Nyloc Nuts ○ 12 x 5/16 x 1" Washers ○ 2 x M10 Nyloc Nuts ○ 2 x 3/8 x 1" Washers ○ 2 x M12 x 30mm Bolts ○ 2 x M12 Nyloc Nuts ○ 4 x M12 x 25mm Washers 	<ul style="list-style-type: none"> ○ 1 x P3 5/16 x 1/4 Straight ○ 2 x P3 1/2 x 1/4 Straights
Hose Clamps	Misc
<ul style="list-style-type: none"> ○ 2 x 1/2" Hose Clamps ○ 1 x 1/4" Hose Clamp ○ 1 x 1 1/2" Hose Clamp 	<ul style="list-style-type: none"> ○ 1 x 2.5mm Rod @ 260mm Long ○ 1 x IFS Tank Mounting Bar Kit (Front and Rear)
	3 Pages Of Fitting Instructions Consisting Of:
	<ul style="list-style-type: none"> ○ 1 x Page Fitting Instructions ○ 1 x Page Fitting Kit Contents ○ 1 x Page Drawing

Packed By: _____

Checked By: _____

THC 100 / FS0RR Toyota Landcruiser 100 Series with 1FS

View of R/H chassis rail showing cradle
locating holes.



new hole will need
to be drilled in this
area. use cradle as
template.

cradle locating
and mounting holes.