1992-2006 Toyota Land Cruiser HZJ/FZJ 75 Troopy 39.5 Gallon Auxiliary Tank Instructions

Product Information/Install Instructions for

Toyota Land Cruiser HZJ/FZJ 75 Troopy Auxiliary Tank

Kit P/N TLCZ75PRA



Updated 5/22 - TL

Brass:	Electrical:
○ 1 x P3 1/4 x 1/4 Straight ○ 1 x P3 1/2 x 1/4 Straight ○ 1 x P6 5/16 x 1/4 Elbow ○ 3 x P6 1/2 x 1/4 Elbow ○ 1 x 1/4 Plug ○ 1 x 12mm x 8mm Reducing tee ○ 1 x P14 1/4 x 1/4 Tee	○ 1 x LRA-PG210 Switch/Gauge Unit ○ 1 x 3mm Two core wire @ 5000mm ○ 1 x 4mm Single Core Blue Wire @300 ○ 1 x 5AMP Fuse ○ 1 x Fuse Holder ○ 2 x Fuse Holder Terminals ○ 1 x Red Insulated terminal ○ 2 x Blue 6mm earth eye ○ 1 x Blue 8mm earth eye ○ 1 x 3/4 x 15/16 Wiring grommet ○ 4 x 3mm Heat shrink @ 25mm
Bolts / Nuts:	**Misc Parts:**
○ 4 x M10 Nyloc nuts ○ 2 x M10 x 30mm bolts ○ 8 x M10 x 25mm Washers ○ 2 x M12 x 30mm bolts ○ 2 x M12 Nyloc Nuts ○ 4 x M12 x 30mm HD Washers ○ 3 x M5 x 16mm C/S screws ○ 3 x M5 Nuts ○ 3 x M5 Flat washers	○ 2 x 44mm Filler neck grommets ○ 1 x Locking Cap ○ 1 x Filler Neck #FN45S ○ 1 x Filler Neck Bucket ○ 1 x Mounting Bar ○ 3 x C9 Exhaust Clamps with M8 Nyloc Nuts & Washers ○ 2 x M10 x 30mm bolt with 200mm strap welded
Hose Clamps:	**Hose:**
○ 10 x 1/4” hose clamps ○ 6 x 1/2” hose clamps ○ 4 x 1 1/2” hose clamps	○ 1 x 12mm CMP Hose @ 270mm ○ 1 x 12mm CMP Hose @ 750mm ○ 1 x 6mm CMP Hose @ 3400mm ○ 1 x 8mm Fuel Hose @ 1500mm ○ 1 x 44mm Fuel Hose @ 200mm ○ 1 x 44mm Pipe @ 100mm ○ 1 x 44mm 90° Mandrel Hose Bend cut 50mm off one end

Pumps & Filters:	Cable Ties:
○ 1 x Fuel Pump & Filter ○ 1 x Fuel Pump Mounting Plate	○ 10 x 7" Cable Ties ○ 5 x 11" Cable Ties
Sender:	7 Pages of Fitting Instructions Consisting of:
○ 1 x 0-90 OHMS Sender unit C/W 400mm earth, Installed using: - 5 x M5 x 10 Pan Heads - 5 x M5 Spring Washers	○ 1 x Page Fitting Instructions ○ 2 x Page Fitting Kit Contents ○ 1 x Wiring Diagram #WDSPG210 ○ 3 x Installation Diagrams

This auxiliary tank fits up under the rear of the vehicle and uses the space that the spare wheel mounts in. Because the auxiliary fuel tank uses the space allocated to the spare wheel, a wheel carrier will need to be installed. We recommend a Kaymar wheel carrier, or if no wheel carrier is fitted at all secure the spare wheel with a suitable anchoring device.

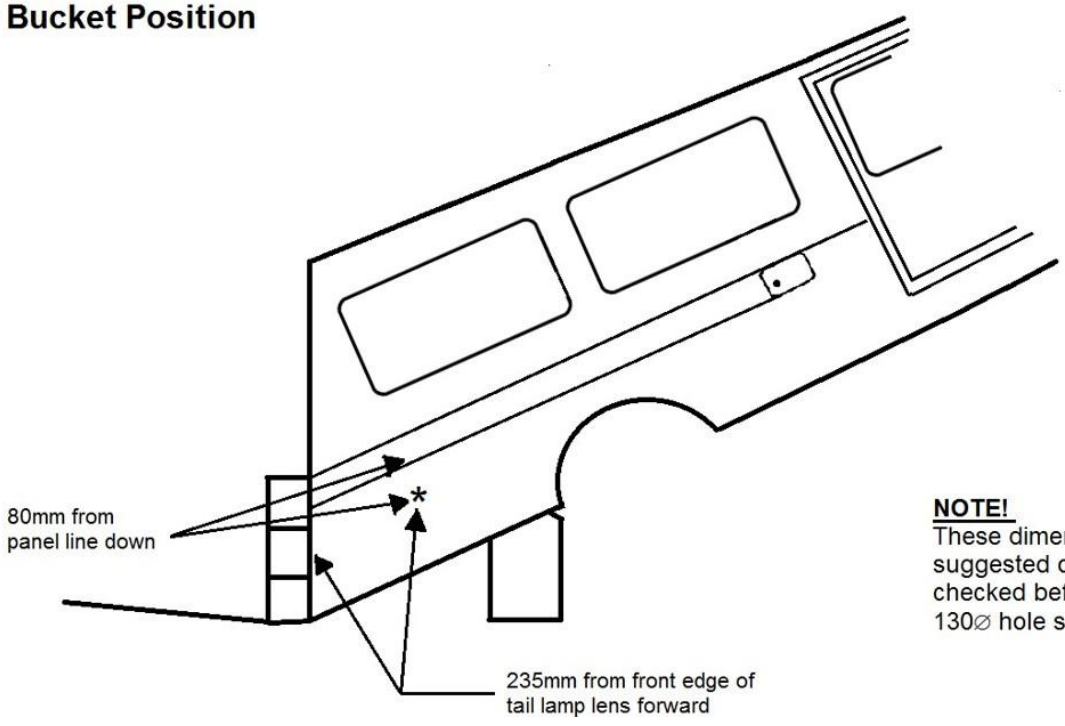
Fuel transfer is via an electric pump that transfers fuel from the auxiliary tank into the OEM fuel tank. A combination switch/gauge is located into a suitable blank in the dash. When the switch is in operation an ORANGE light will be ON, indicating that the transfer pump is in operation. A series of lights will also indicate fuel level. All GREEN lights on showing FULL, one RED flashing light showing EMPTY.

NOTE: DO NOT OPERATE THE TRANSFER PUMP WITH NO FUEL IN THE AUXILIARY TANK OR PUMP FAILURE WILL OCCUR.

1. Remove spare wheel and winding mechanism.
2. Assemble fittings in auxiliary tank as per installation diagrams provided.
3. Carry out necessary wiring as per wiring WDSPG210 diagram provided.
4. Mount fuel transfer pump in suitable location.
5. Fit new filler bucket and filler neck to Rear 1/4 Panel.
6. Lift tank into position. Drill mounting holes and secure tank into position.

Complete connection of remaining hoses and fittings

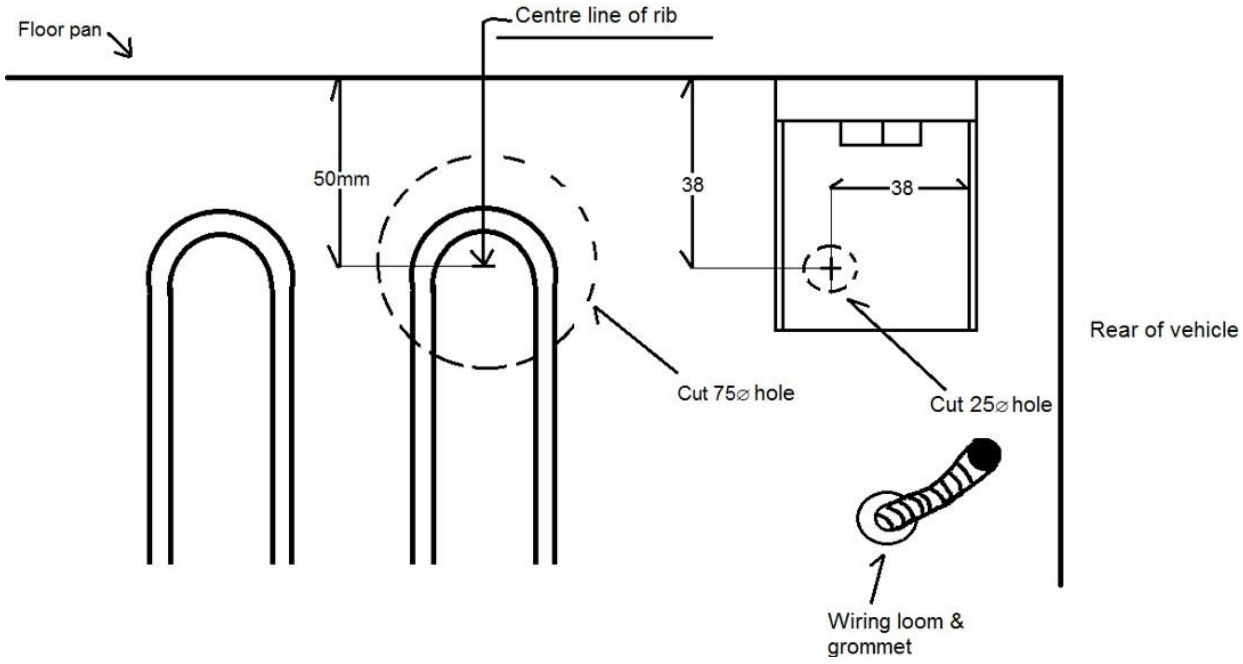
TLCZ75PRA TROOP CARRIER
Filler Bucket Position



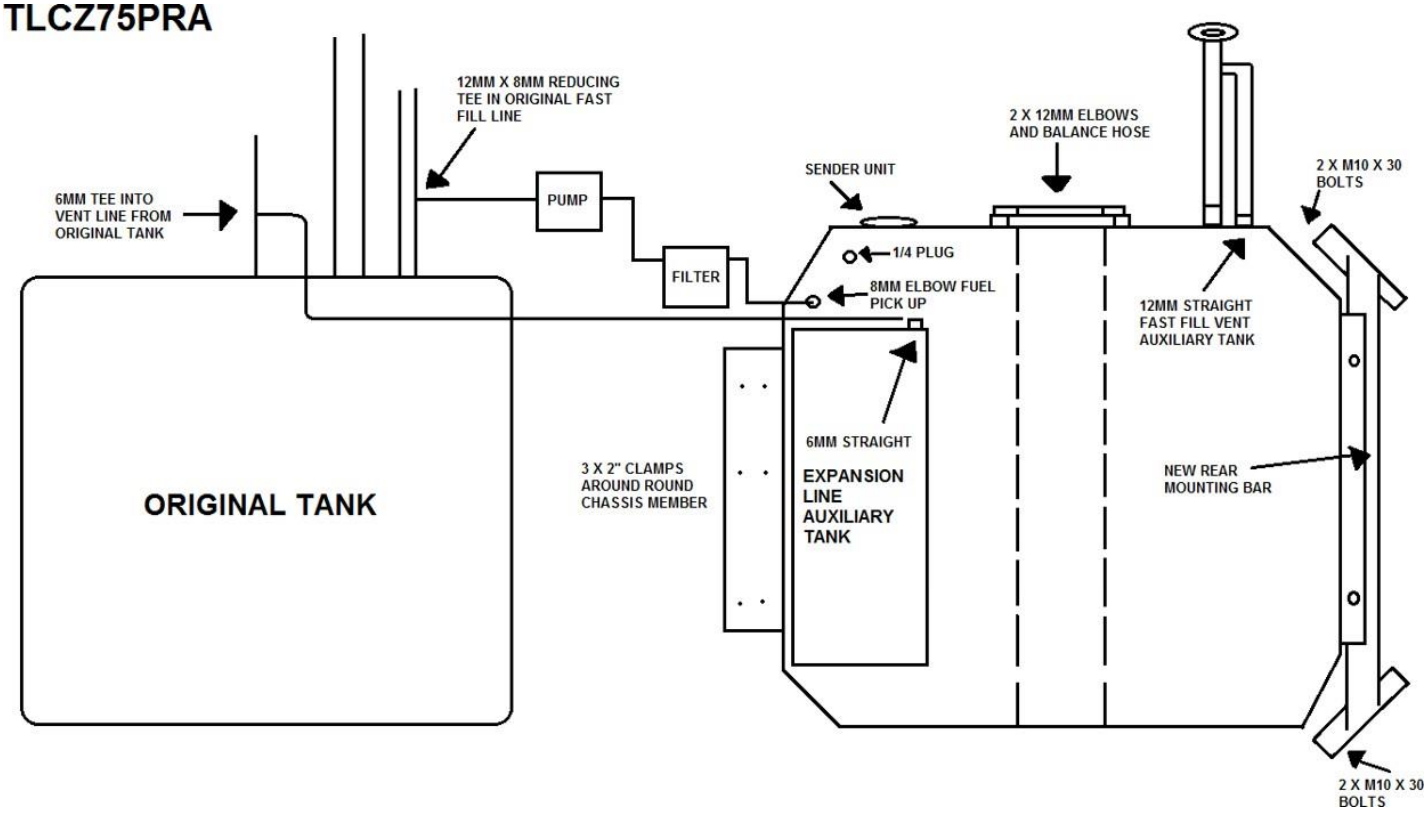
NOTE!
These dimensions are suggested only and should be checked before cutting hole with 130⌀ hole saw.

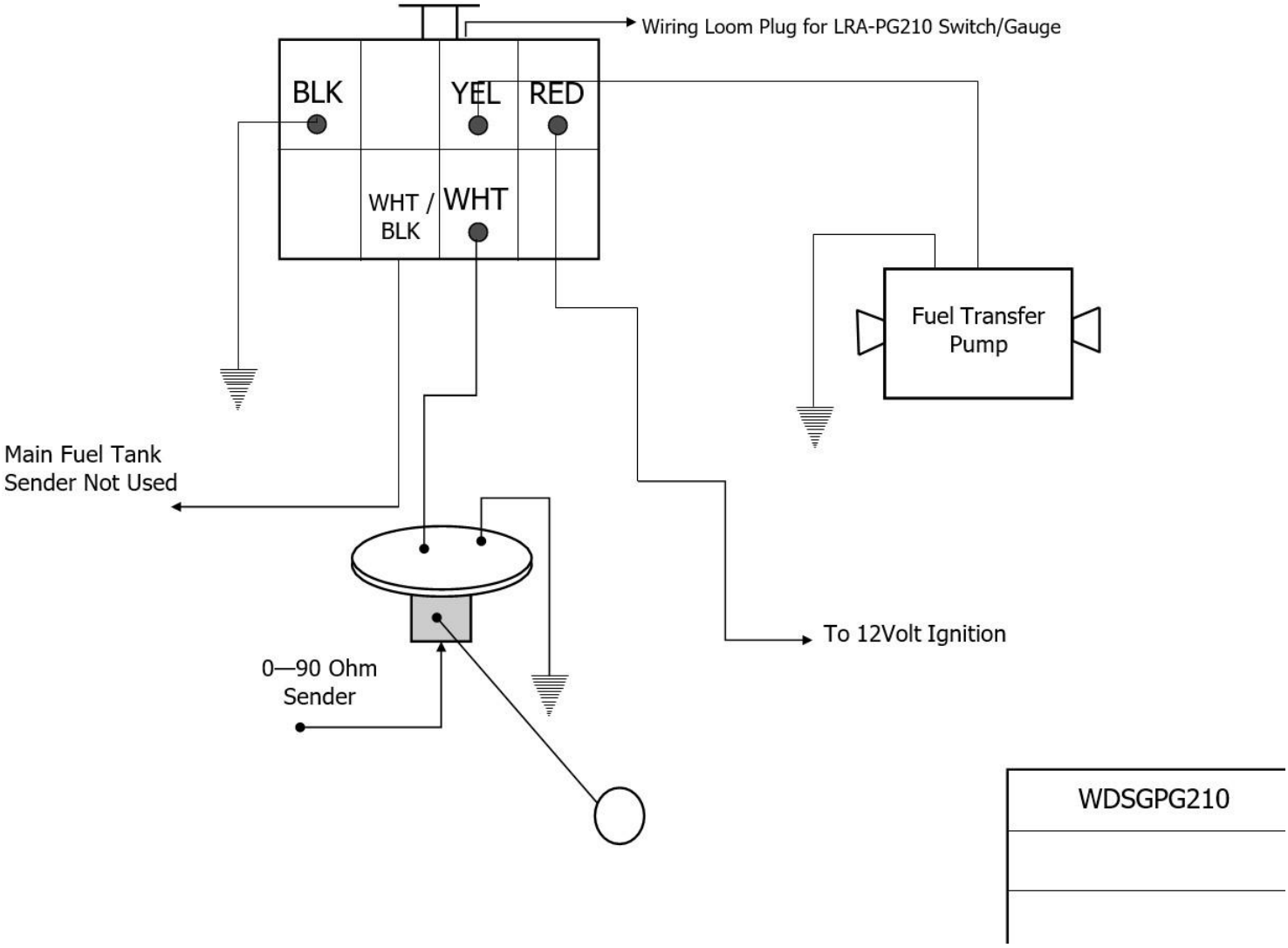
TLCZ75PRA (TROOP CARRIER)

Diagram shows view of right hand inner quater panel looking over chassis rail. Cut holes as shown in the inner quater panel to gain correct exit points for the fill hoses.



TLCZ75PRA


12MM X 8MM REDUCING TEE IN ORIGINAL FAST FILL LINE
2 X 12MM ELBOWS AND BALANCE HOSE
SENDER UNIT
2 X M10 X 30 BOLTS
6MM TEE INTO VENT LINE FROM ORIGINAL TANK
PUMP
FILTER
1/4 PLUG
8MM ELBOW FUEL PICK UP
12MM STRAIGHT FAST FILL VENT AUXILIARY TANK
6MM STRAIGHT
EXPANSION LINE AUXILIARY TANK
3 X 2" CLAMPS AROUND ROUND CHASSIS MEMBER
NEW REAR MOUNTING BAR
ORIGINAL TANK
2 X M10 X 30 BOLTS


Wiring Loom Plug for LRA-PG210 Switch/Gauge
BLK
YEL
RED
WHT / BLK
WHT
Fuel Transfer Pump
Main Fuel Tank Sender Not Used
To 12Volt Ignition
0—90 Ohm Sender
WDSGPG210

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!**