



Installation Instructions for TLC457A Toyota Landcruiser HJ/FJ 45-47 Troopy 100L Auxiliary Tank

This auxiliary tank fits forward of the rear axle on the left hand side of the drive shaft and steps up and over the drive shaft to the right hand side. Fuel is transferred via an electric pump that will pump fuel from the auxiliary tank into the OEM tank. A combination switch/gauge will be 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** light showing EMPTY.

(DO NOT OPERATE TRANSFER PUMP WITH NO FUEL IN AUXILIARY TANK OR PUMP FAILURE WILL OCCUR).

1. Screw all fittings into the auxiliary tank as per the diagram provided.
2. Carry out necessary wiring and installation of the switch/gauge and fuel pump.
3. Remove the drive shaft. Remove the section of exhaust system from the tank location area. (Due to the age of the vehicle, the exhaust will vary from vehicle to vehicle). Lift the tank into position and fix to the floor pan with 200mm long floor plates and M10 x 30mm bolts and Nyloc nuts.
4. Connect the auxiliary tank filler to the steel filler neck with the hose supplied. Mount the filler neck to the body in a suitable location. Connect the 600mm length of 12mm hose from the 12mm hose barb straight on the auxiliary tank to the 12mm fast fill fitting on the filler neck. Cut into the original fast fill line of the original rear tank and fit reducing tee as part of this line. The 8mm branch goes to the discharge side of the fuel transfer pump. Then tee the 6mm line from the expansion chamber into the vent line on the original tank.
5. Finish the connection of the fuel pump to the fuel pickup line with the filter in between the fuel pump and the pickup. Connect the fuel sender wires. Fill with fuel and check system operation.

NOTE: USE HIGH QUALITY SEALER ON ALL JOINTS AND FITTINGS E.G. PERMATEX 3J

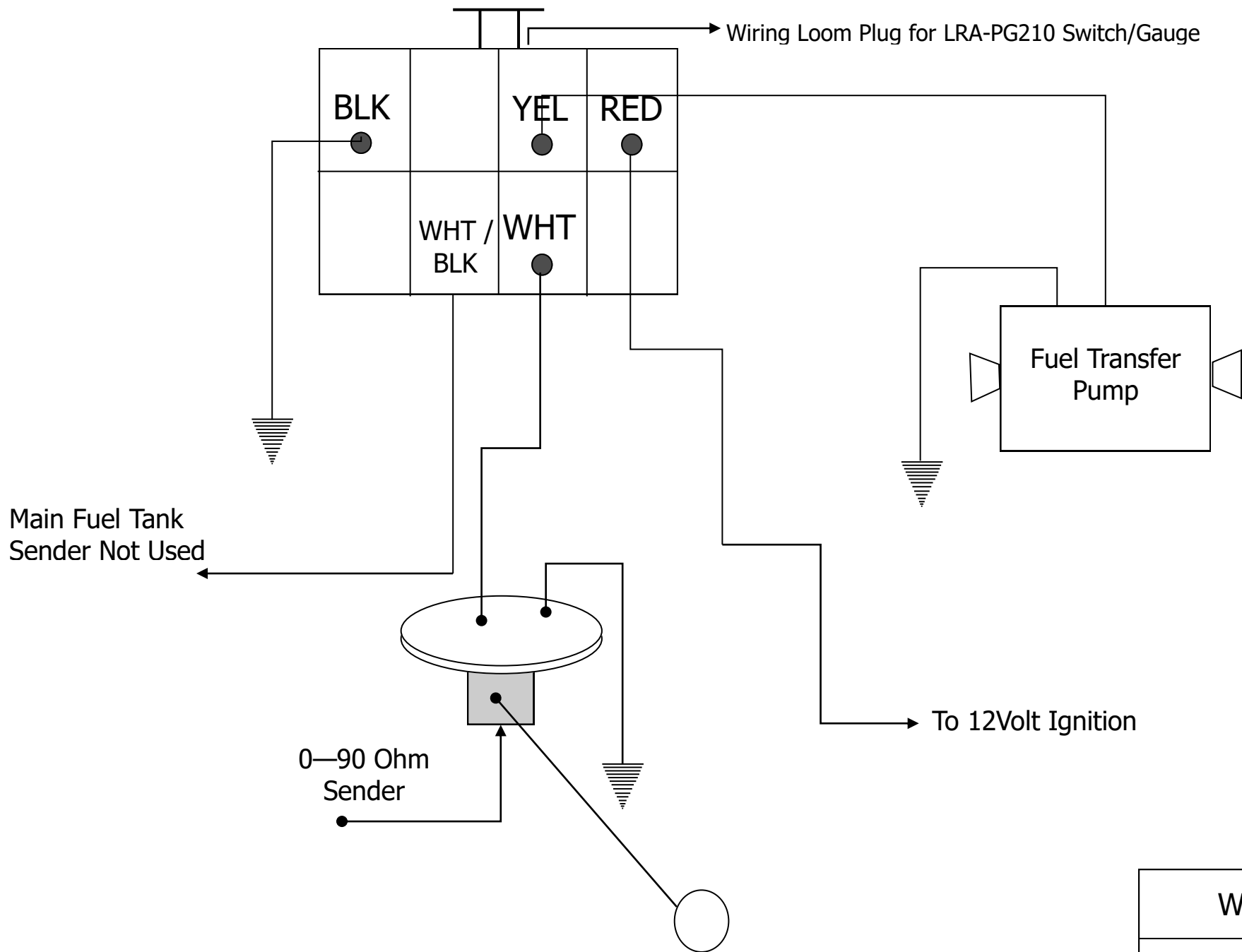


FITTING KIT CONTENTS TLC457A - TROOPY

Brass:	Electrical:
<ul style="list-style-type: none"> ○ 1 x P3 1/4 x 1/4 (6mm hose barb straight) ○ 1 x P3 1/2 x 1/4 (12mm hose barb straight) ○ 1 x P6 5/16 x 1/4 (8mm hose barb elbow) ○ 1 x P14 x 1/4 (6mm hose barb tee) ○ 1 x 12mm x 8mm reducing tee 	<ul style="list-style-type: none"> ○ 1 x 3mm Two core wire @ 5000mm ○ 1 x LRA-PG210 switch/gauge with wiring loom ○ 3 x Red insulated terminals ○ 2 x Red male terminals ○ 3 x Blue 6mm earth eye terminals ○ 4 x 3mm Heat shrink @ 25mm
Bolts / Nuts:	Misc Parts:
<ul style="list-style-type: none"> ○ 5 x M5 x 8mm Pan head screws for sender unit ○ 2 x M10 x 30mm bolts ○ 2 x M10 x 50mm bolts ○ 4 x M10 Nyloc nuts ○ 4 x M10 Washers 	<ul style="list-style-type: none"> ○ 4 x 30 x 200 x 5mm Floor plates ○ 1 x Filler neck ○ 1 x Fuel cap ○ 1 x Filler neck mounting grommets
Hose Clamps:	Cable Ties:
<ul style="list-style-type: none"> ○ 10 x 1/4" Hose clamps ○ 4 x 1/2" Hose clamps ○ 2 x 1 1/2" Hose clamps 	<ul style="list-style-type: none"> ○ 10 x 7" Cable ties ○ 5 x 11" Cable ties
Sender:	Pumps & Filters:
<ul style="list-style-type: none"> ○ 1 x fuel sender unit 0-90 OHM (VDO 220-004) 	<ul style="list-style-type: none"> ○ 1 x Fuel pump ○ 1 x Z14K Fuel filter
Hose:	4 Pages of Fitting Instructions Consisting of:
<ul style="list-style-type: none"> ○ 1 x 44mm Fuel hose @ 150mm ○ 1 x 8mm Fuel hose @ 1200mm ○ 1 x 12mm CMP Hose @ 600mm ○ 1 x 6mm CMP Hose @ 1500mm 	<ul style="list-style-type: none"> ○ 1 x Page Fitting Instructions ○ 1 x Page Fitting Kit Contents ○ 1 x Page Wiring Diagram WDSGPG210 ○ 1 x Page Installation Diagram

Kit Packed By _____

Checked By _____



WDSGPG210

