



Installation Instructions for TLCFJCRUISERA-US TOYOTA FJ CRUISER 115L AUXILIARY TANK

This Auxiliary tank fits under the rear of the vehicle. The standard filler neck is replaced with a new twin filler neck.

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 position 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 showing full, one red light flashing showing empty.

(THE PUMP WILL AUTOMATICALLY SHUT OFF AFTER 2 MINUTES OF THE AUXILIARY TANK BEING EMPTY).

1. Select a suitable location for the switch gauge unit. Run the twin core cable under the R/H scuff plates and under the rear scuff plate and out through the grommet in the jack storage area. A 12volt ignition source can found near the fuse panel on the RHS of the steering column. (Blue/Yellow).
2. Remove the LHR wheel arch cover and remove the standard fill pipe and cut as per diagram (**Ref Pics A & B**). Fit 550mm length of 8mm hose to the fill vent pipe and refit fill pipe assembly to vehicle. Screw brass fittings into the filler neck as per diagram (**Ref Pics C & D**) and refit to vehicle. Cut the two brackets of the front crossmember (**Ref Pic E**). Unbolt the fuel pump control module and replace the mounting bracket with the new bracket from fitting kit (**Ref Pic F**).
3. Unclip the wiring loom from the LHS rear of the chassis rail and drill out the slotted holes to 12.5mm on both sides. Bolt the rear mounting bar in place with M12 x 30mm bolts with straps.
4. Mount the fuel transfer pump to the wheel arch (**Ref Pic G**) and complete wiring. Screw the brass into the tank. P6 5/16 x 1/4 elbow goes into the top of the tank pointing forward. P3 1/2 x 3/8 straight goes into the fitting next to the filler neck. Fit the Roll Over valve and grommet pointing forward and fit 1100mm length of 6mm hose to this valve.
5. Jack tank into position and fit 140mm length of 35mm hose to the filler neck and guide onto the fill pipe as the tank goes into position. Secure the front of the tank with U-bolts, washers and Nyloc nuts. (Be careful not to pinch wiring under the LHF U-Bolt). Secure the rear of the tank with M12 x 30mm bolts, washers and Nyloc nuts. Connect remaining hoses and check over all hoses and fittings. Cut a small section from wheel arch cover (**Ref Pic H**). Refit cover and warm with heat gun, mold to shape.



FITTING KIT CONTENTS TLCFJCRUISERA-US

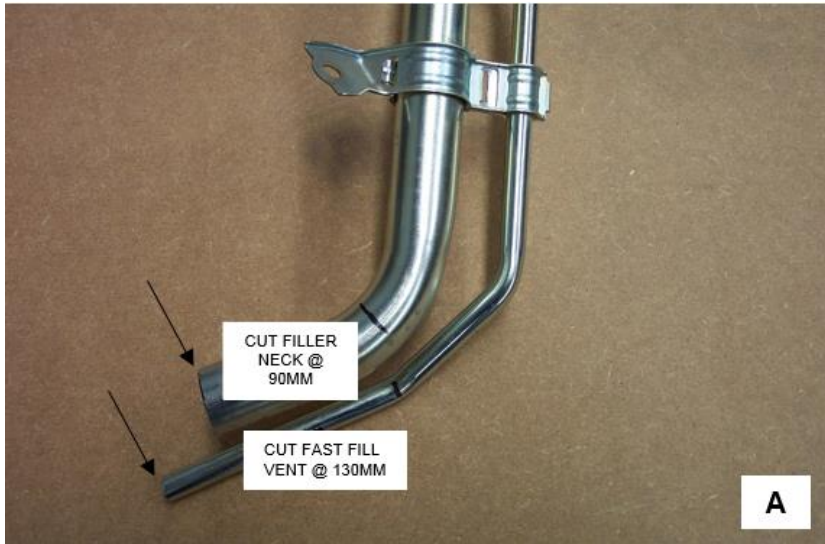
Brass: <ul style="list-style-type: none"> ○ 1 x P6 1/4 x 1/8 Elbow ○ 1 x P6 5/16 x 1/4 Elbow ○ 2 x P6 5/16 x 1/8 Elbow ○ 1 x P3 1/2 x 3/8 Straight ○ 1 x P6 1/2 x 3/8 Elbow 	Electrical: <ul style="list-style-type: none"> ○ 1 x LRA-PG210 ○ 1 x 3mm Two Core @ 5mt ○ 1 x 4mm Single Core Blue Wire @300mm ○ 1 x 5 AMP Fuse ○ 1 x Fuse Holder ○ 2 x Fuse Holder Terminals ○ 1 x Red Insulated Terminal ○ 1 x Red Eye Terminal ○ 2 x Blue 6mm Eye Terminal ○ 3 x 3mm Shrink Tube @ 30mm
Bolts / Nuts: <ul style="list-style-type: none"> ○ 1 x M6 x 20 Washer ○ 1 x M6 x Nyloc Nut ○ 6 x M10 x 25 Washer ○ 6 x M10 Nyloc Nut ○ 6 x M12 Nyloc Nut ○ 2 x M12 x 30 Bolt ○ 8 x M12 H/Duty Washers 	Misc Parts: <ul style="list-style-type: none"> ○ 1 x TFFJCRUISER-US Twin Filler ○ 1 x Rear Mounting Bar ○ 1 x Fuel Pump Control Bracket ○ 1 x Roll Over Valve ○ 1 x Roll Over Valve Grommet ○ 4 x M12 x 30mm Bolts with 150mm Straps ○ 3 x M10 U Bolts 70 x 100
Hose Clamps: <ul style="list-style-type: none"> ○ 10 x 1/4" Hose clamps ○ 2 x 1/2" Hose clamps ○ 2 x 1" Hose Clamps ○ 2 x 1 1/4" Hose Clamps 	Cable Ties: <ul style="list-style-type: none"> ○ 3 x 7" ○ 5 x 11"
Hose: <ul style="list-style-type: none"> ○ 1 x 6mm Hose@ 1100mm ○ 1 x 8mm Hose @ 1000mm ○ 1 x 8mm Hose @ 550mm ○ 1 x 8mm Hose @ 450mm ○ 1 x 35mm Hose @ 140mm ○ 1 x 25mm Hose @ 80mm ○ 1 x 12mm NTP Hose @ 620mm 	Pumps & Filters: <ul style="list-style-type: none"> ○ 1 x Fuel Pump & Filter ○ 1 x Fuel Pump Mounting Plate

Sender:	Pages of Fitting Instructions Consisting of:
<ul style="list-style-type: none">○ 1 x 0-90 OHM with 700mm Earth	<ul style="list-style-type: none">○ 1 x Pages Fitting Instructions○ 2 x Page Fitting Kit Contents○ 2 x Page Refence Pictures○ 1 x Wiring Diagram #WDSGPG210○

Kit Packed By _____

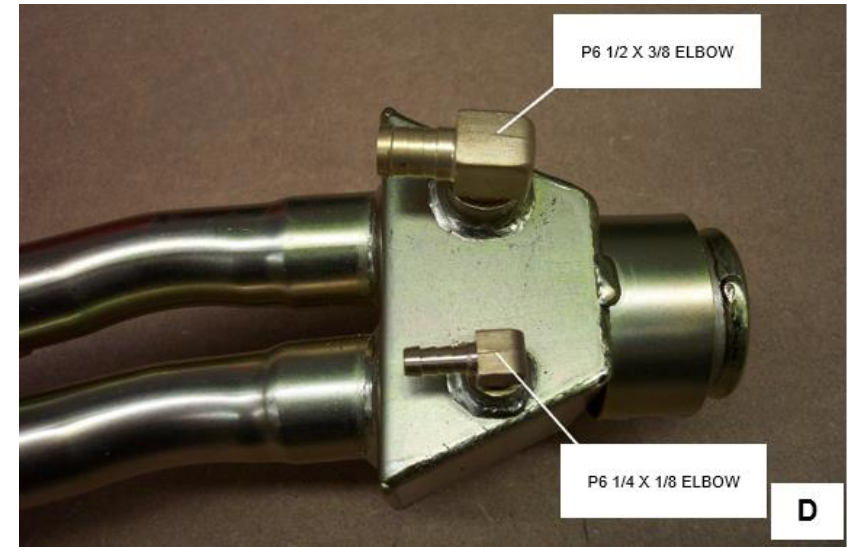
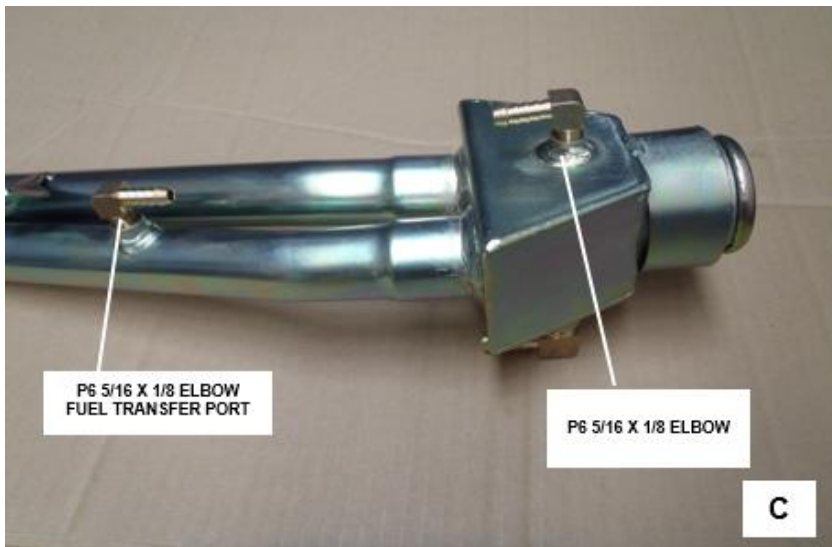
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TLCFJCRUISERA-US FITTING INSTRUCTION PHOTOS

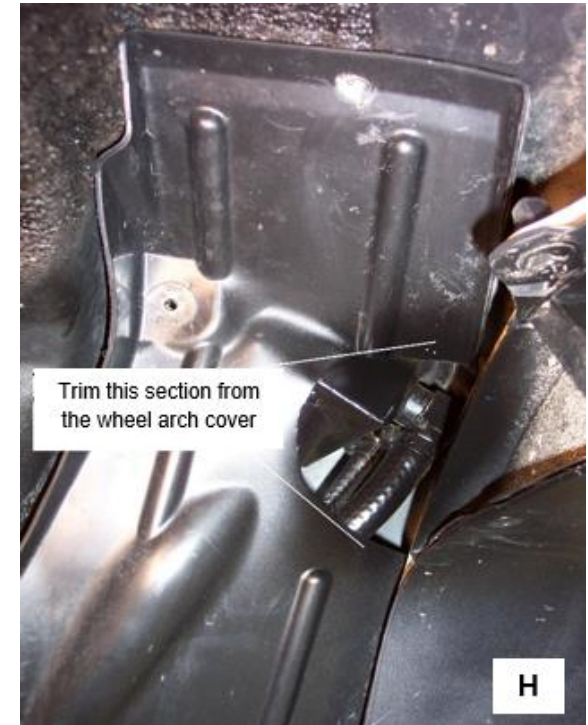
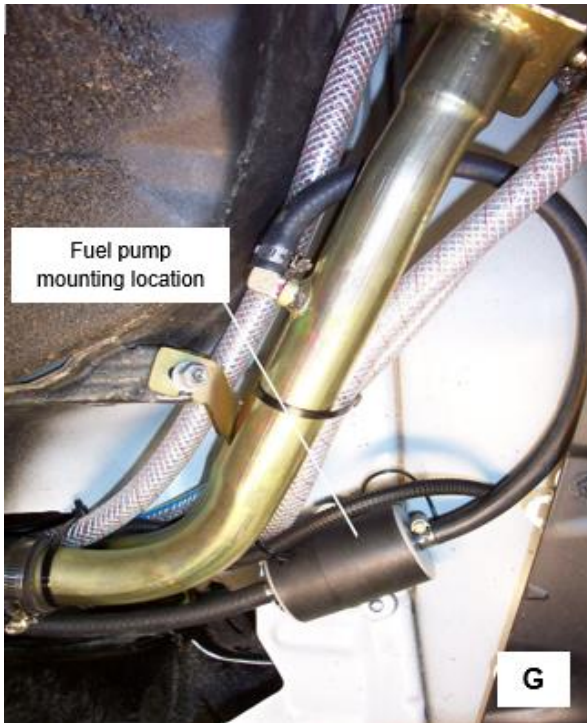
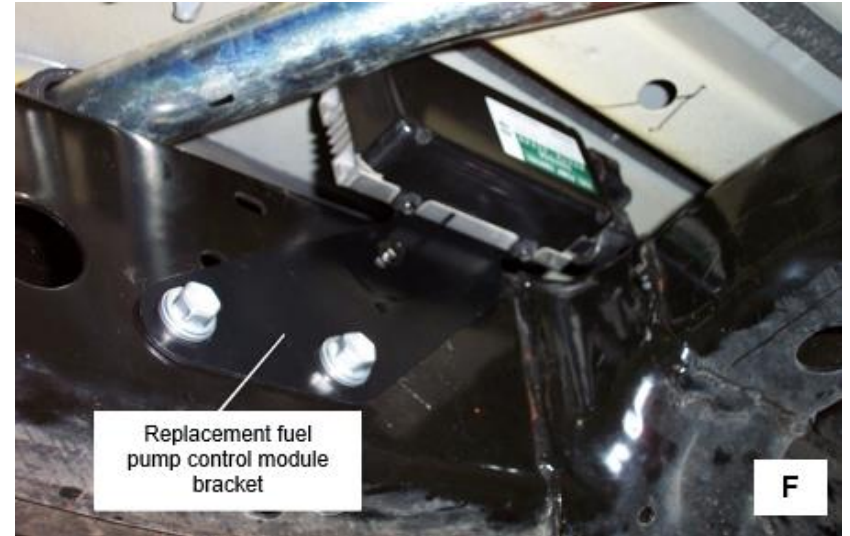
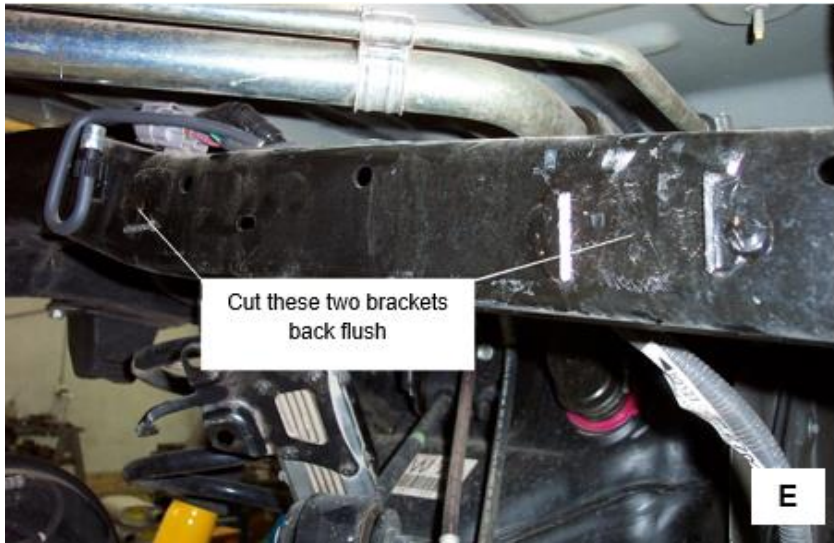


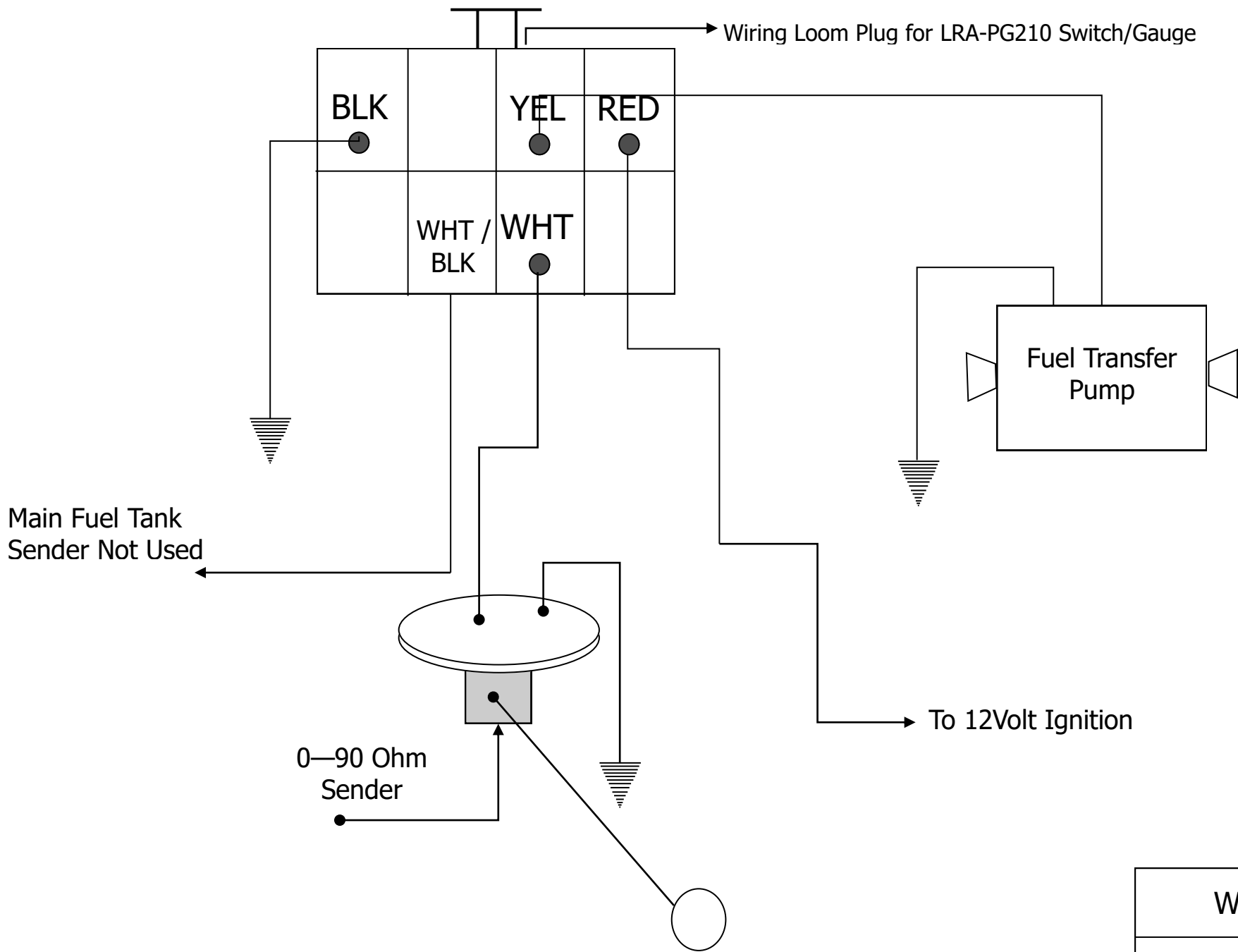
PICTURES A & B
Filler Neck - Measure 90mm from the centre of the bend and cut
Fast Fill Vent - Measure 130mm from the bend and cut.

Both should be cut where the arrows are pointing.



TLCFJCRUISERA-US FITTING INSTRUCTION PHOTOS





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