



Installation Instructions for FTERRA Ford Territory TX AWD 5 Seater 90L Auxiliary Tank (Rear)

This Auxiliary tank fits behind the rear axle and takes the place of the spare wheel. The system operates via a fuel transfer system where by the fuel is pumped from the Auxiliary tank into the main at the flick of a switch. The standard filler neck is replaced with a Y type, which allows you to fill either tank from the standard filling point.

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 on showing FULL, one **RED** flashing light showing EMPTY.

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

1. Carry out installation of switch gauge unit and run twin core cable to the LHR of the vehicle for connections to fuel transfer pump and sender unit.
2. Remove standard filler neck assembly and cut at point shown (**Refer Pic 1**). Assemble fittings in new twin filler neck (**Refer Pic 2**) and refit to vehicle, connecting to fill pipe and fast fill vent with 100mm x 35mm ID hose and 200mm x 16mm ID hose.
3. Remove spare wheel and associated hardware. (Note: Use wheel winder blank off plate to cover hole). Screw fittings into tank (**Refer Pic 3**).
4. Lift tank into position. Mark holes, remove and drill mounting holes. Refit tank and secure with floor plates and M10 x 30 bolts. (Don't forget to connect sender unit wire).
5. Mount fuel transfer pump in suitable location (Body flange in filler area). Complete connection of remaining hoses and fittings. The 6mm vent line from the top of the tank goes to the 6mm elbow on top of twin filler. The 8mm straight fuel pick up goes to the filter, pump and then into 8mm straight fitting in main tank branch of twin

filler neck. The 16mm straight fitting, next to the filler neck, goes to the remaining 16mm elbow on twin filler. Use the 38mm 90° bend and 38mm hose sections to link the twin filler to the auxiliary tank.

6. Complete wiring and neatly cable tie all hoses in place.
7. Fill with fuel and check transfer pump operation.



FITTING KIT CONTENTS FTERRA

Brass:	Electrical:
<ul style="list-style-type: none"> ○ 1 x P6 1/4 x 1/4 Elbow ○ 1 x P6 1/4 x 1/8 Elbow ○ 2 x P6 5/8 x 1/4 Elbow ○ 2 x 5/16 x 1/4 Straight ○ 1 x 5/8 x 1/4 Straight 	<ul style="list-style-type: none"> ○ 1 x LRA-PG210 Switch/Gauge Unit ○ 1 x 3mm 2 Core @5500mm ○ 1 x 5 AMP Fuse ○ 1 x Fuse Holder ○ 2 x Fuse Holder Terminals ○ 1 x 4mm Single Core Blue @300mm ○ 1 x Red Terminal ○ 2 x 6mm Blue Eye terminal ○ 3 x Shrink Tube @ 30mm
Bolts / Nuts:	Misc Parts:
<ul style="list-style-type: none"> ○ 6 x M10 x 30 Bolts ○ 8 x M10 x 25 Flat Washer ○ 2 x M10 Spring Washer ○ 4 x M10 Nyloc Nuts ○ 1 x Tek Screw 	<ul style="list-style-type: none"> ○ 1 x FB3890 ○ 1 x Wheel Winder Blank-off Plate ○ 2 x Profile Cut Floor Plates ○ Twin Filler
Hose Clamps:	Cable Ties:
<ul style="list-style-type: none"> ○ 8 x 1/4" Hose Clamp ○ 4 x 5/8" Hose Clamp ○ 6 x 1 1/4" Hose Clamp 	<ul style="list-style-type: none"> ○ 6 x 7" Cable Tie ○ 4 x 11" Cable Tie
Sender:	Pumps & Filters:
<ul style="list-style-type: none"> ○ 1 x 0-90 OHM Sender C/W 600mm Earth 	<ul style="list-style-type: none"> ○ 1 x Fuel Pump with Filter
Hose:	7 Pages of Fitting Instructions Consisting of:
<ul style="list-style-type: none"> ○ 1 x 6mm Hose @ 900mm ○ 1 x 8mm Hose @ 500mm ○ 1 x 38mm Hose @ 90mm ○ 1 x 38mm Hose @ 150mm ○ 1 x 16mm Hose @ 500mm ○ 1 x 16mm Hose @ 200mm ○ 1 x 35mm Hose @ 100mm 	<ul style="list-style-type: none"> ○ 2 x Pages Fitting Instructions ○ 1 x Page Fitting Kit Contents ○ 1 x Page Fitting Kit Contents – Wheel Carrier ○ 2 x Pages Reference Pictures ○ 1 x WDSGPG210 Wiring Diagram

Kit Packed By _____

Checked By _____



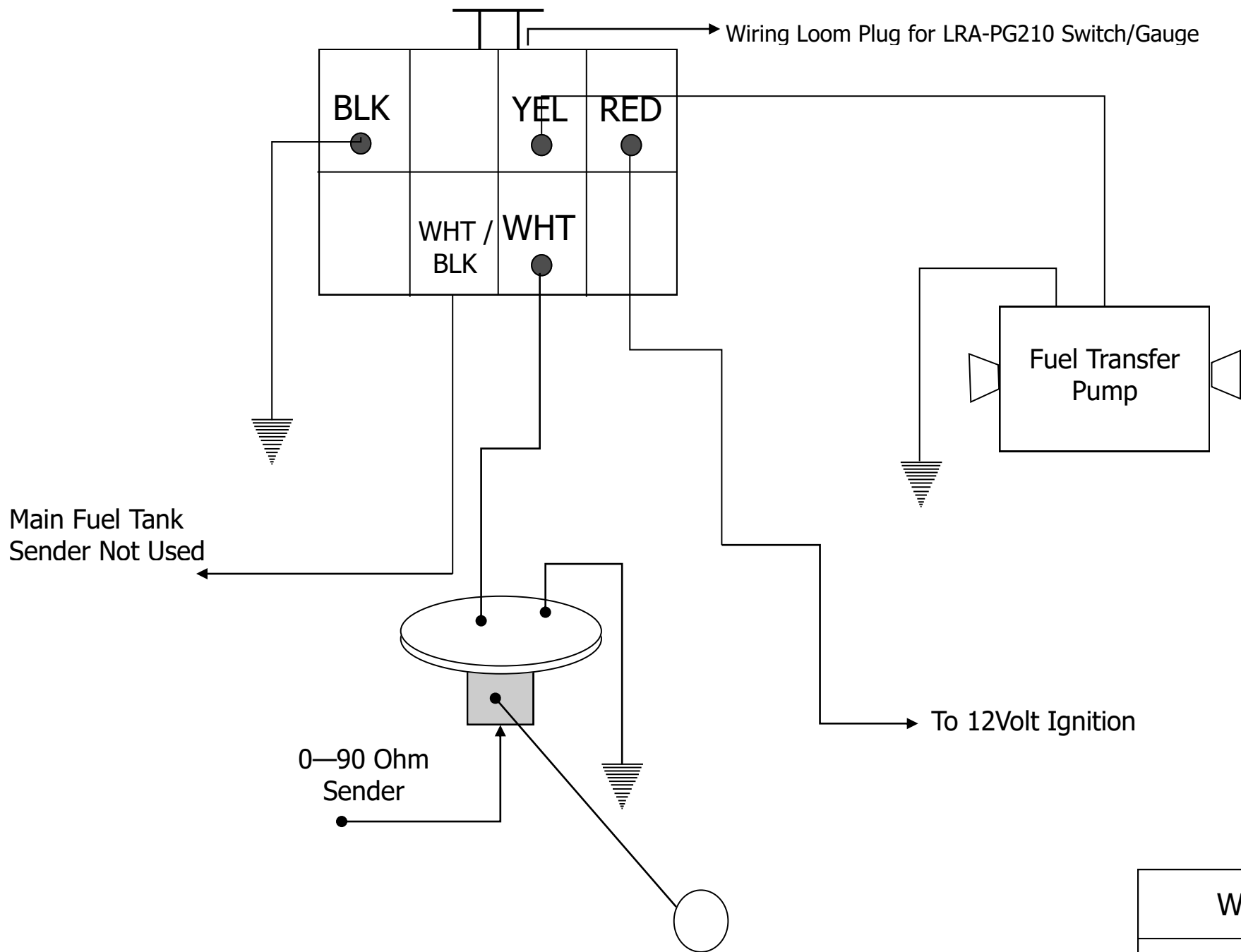
Pic 1



Pic 2



Pic 3



WDSGPG210