



**Installation Instructions for TLCZ75PRA
Toyota Landcruiser HZJ/FZJ 75 Troopy
150L Auxiliary Tank – Rear**

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.
7. Complete connection of remaining hoses and fittings.



FITTING KIT CONTENTS TLCZ75PRA

Updated 5/22 - TL

<p>Brass:</p> <ul style="list-style-type: none"> ○ 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 	<p>Electrical:</p> <ul style="list-style-type: none"> ○ 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
<p>Bolts / Nuts:</p> <ul style="list-style-type: none"> ○ 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 	<p>Misc Parts:</p> <ul style="list-style-type: none"> ○ 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
<p>Hose Clamps:</p> <ul style="list-style-type: none"> ○ 10 x 1/4" hose clamps ○ 6 x 1/2" hose clamps ○ 4 x 1 1/2" hose clamps 	<p>Hose:</p> <ul style="list-style-type: none"> ○ 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

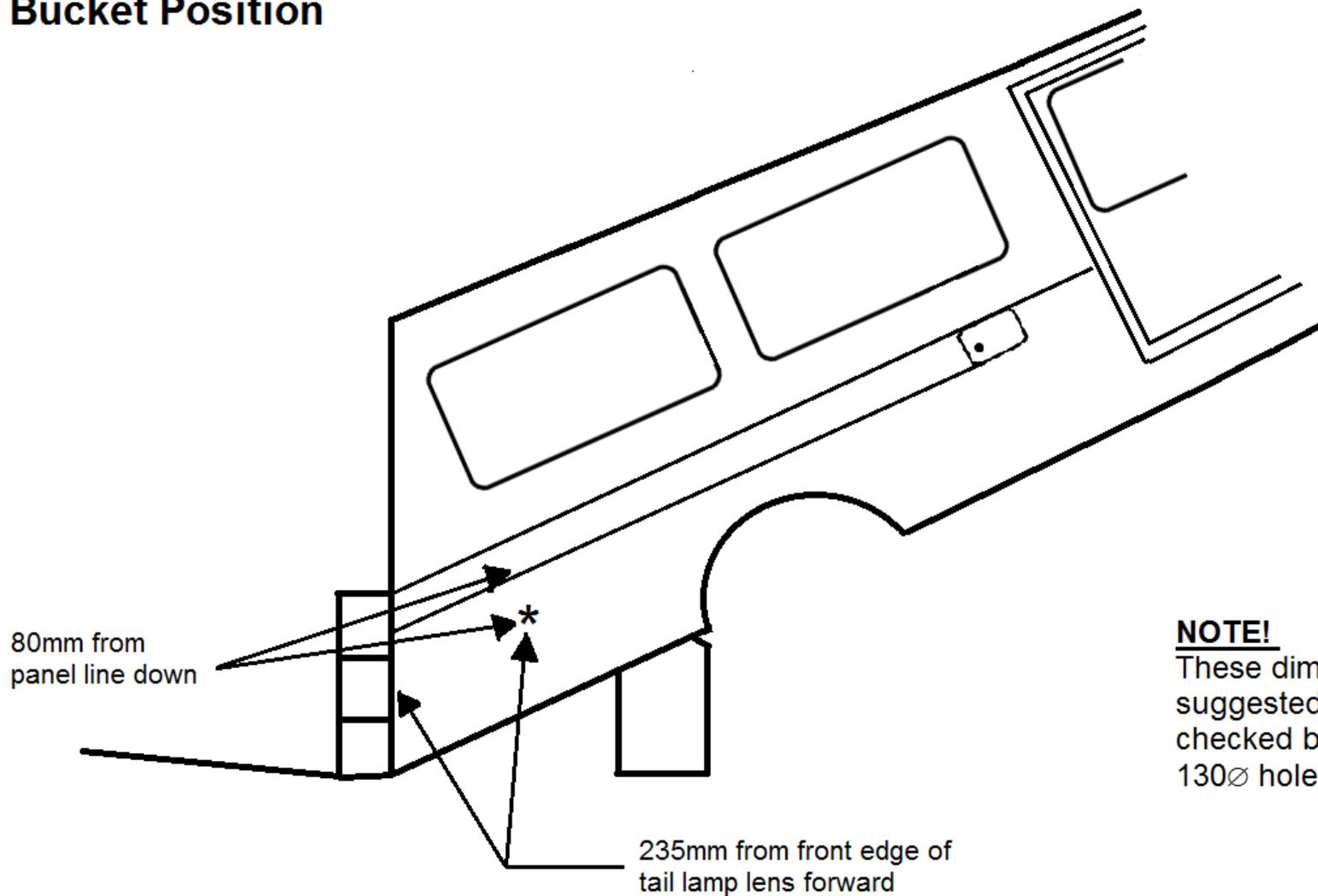
Pumps & Filters:	Cable Ties:
<ul style="list-style-type: none"> ○ 1 x Fuel Pump & Filter ○ 1 x Fuel Pump Mounting Plate 	<ul style="list-style-type: none"> ○ 10 x 7" Cable Ties ○ 5 x 11" Cable Ties
Sender:	7 Pages of Fitting Instructions Consisting of:
<ul style="list-style-type: none"> ○ 1 x 0-90 OHMS Sender unit C/W 400mm earth, Installed using: <ul style="list-style-type: none"> - 5 x M5 x 10 Pan Heads - 5 x M5 Spring Washers 	<ul style="list-style-type: none"> ○ 1 x Page Fitting Instructions ○ 2 x Page Fitting Kit Contents ○ 1 x Wiring Diagram #WDSPG210 ○ 3 x Installation Diagrams

Kit Packed By _____

Checked By _____

TLCZ75PRA TROOP CARRIER

Filler Bucket Position

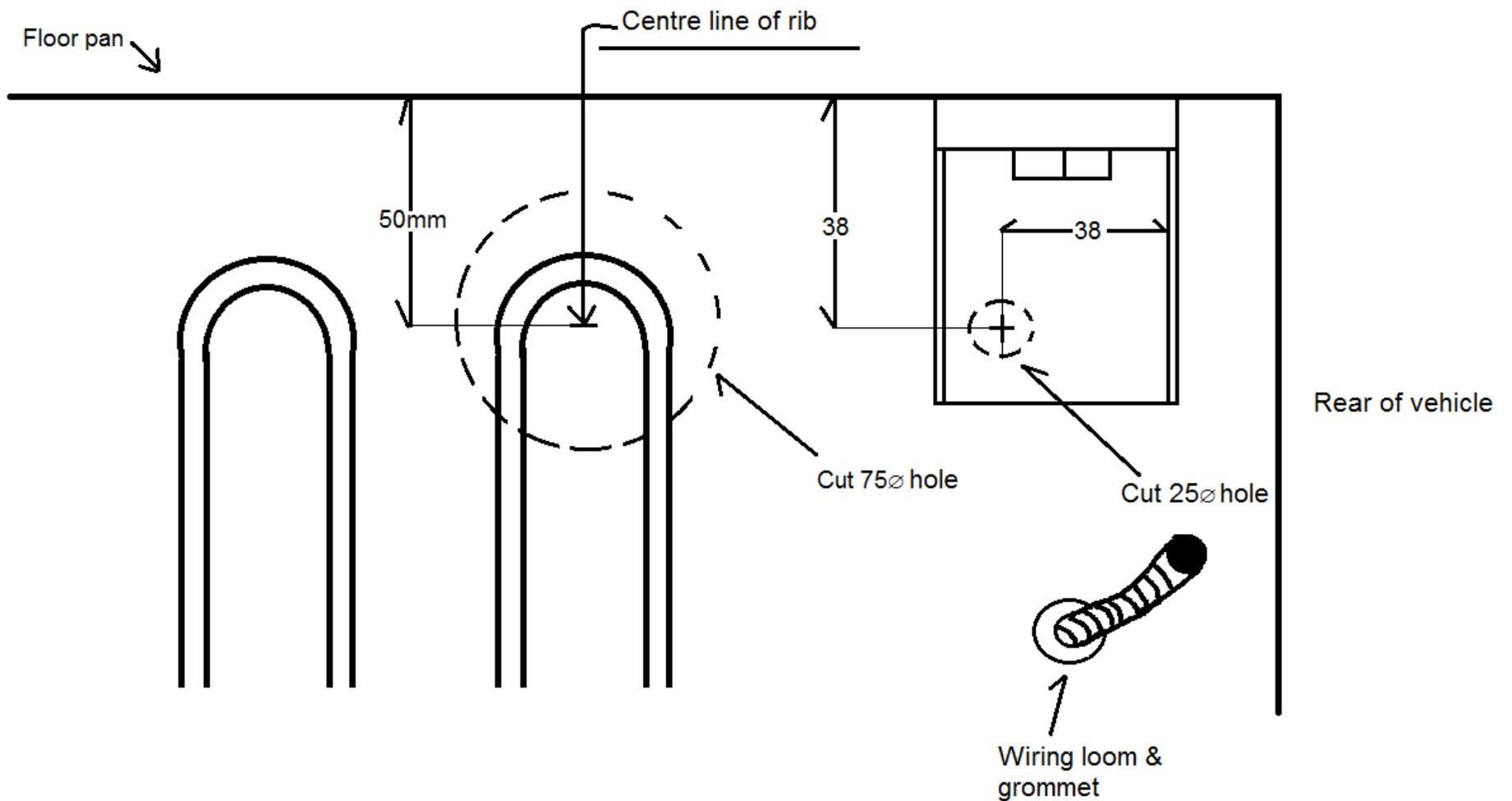


NOTE!

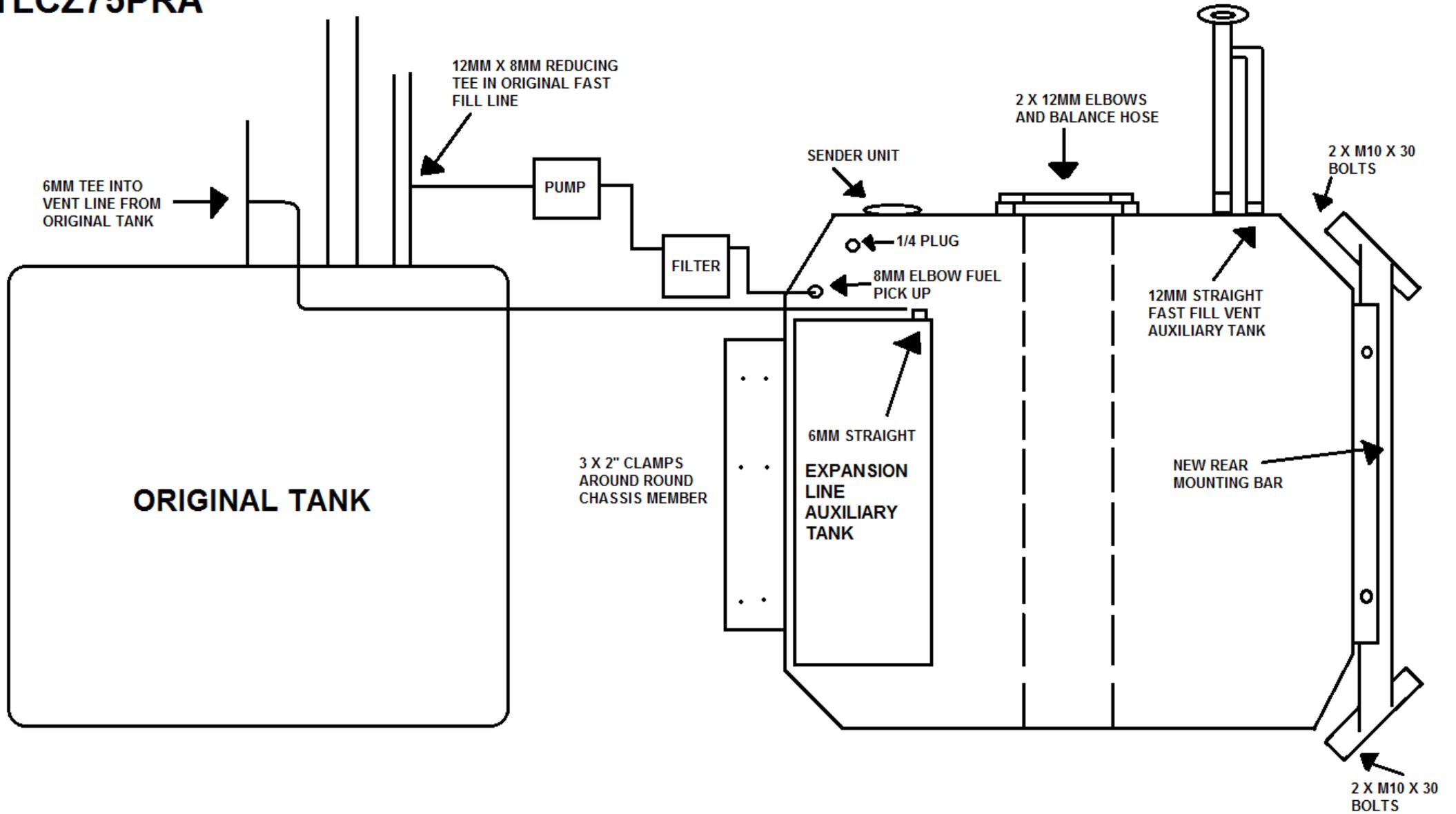
These dimensions are suggested only and should be checked before cutting hole with 130Ø hole saw.

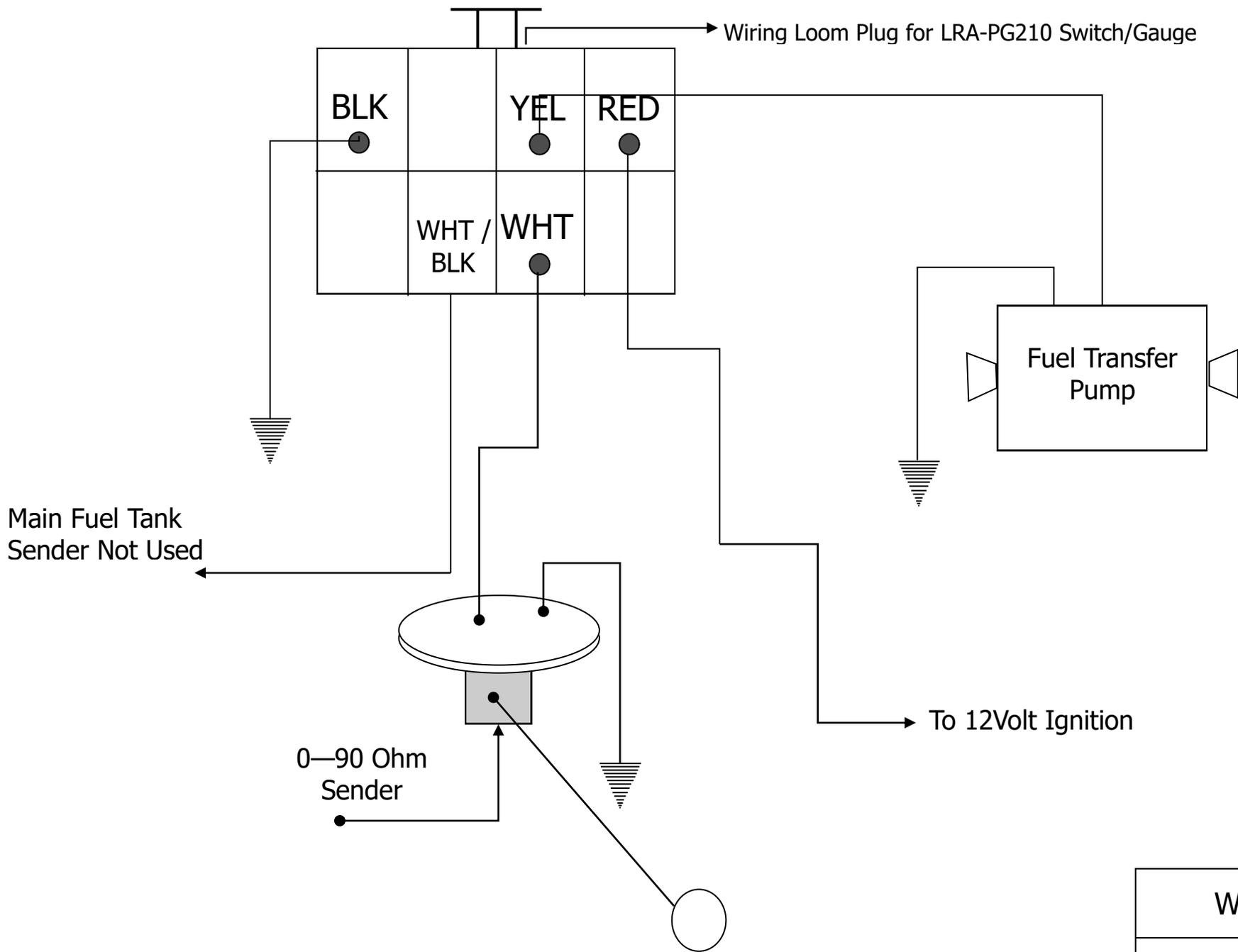
TLCZ75PRA (TROOP CARRIER)

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



TLCZ75PRA





WDSGPG210