



Installation Instructions for NPGQLSA Nissan Patrol GQ Leaf Sprung Tray 150L Auxiliary Tank

This auxiliary tank fits behind the rear axle and takes the place of the spare wheel. 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 THE TRANSFER PUMP WITH NO FUEL IN THE AUXILIARY TANK OR PUMP FAILURE WILL OCCUR).

1. Remove spare wheel and winding mechanism. Turn rear spring shackles to assist in future spring and bush servicing.
2. Assemble fittings in auxiliary tank as per diagram.
3. Carry out necessary wiring as per wiring diagram.
4. Mount fuel transfer pump into suitable location.
5. Fit new front tank mount crossmember on top of the chassis rails and secure with U-bolts. Lift tank into position. Drill mounting holes and secure the tank into position.
6. Complete the mounting of the filler neck and connection of the remaining hoses and fittings. Fill with fuel and check all hoses for leaks.



FITTING KIT CONTENTS NPGQLSA

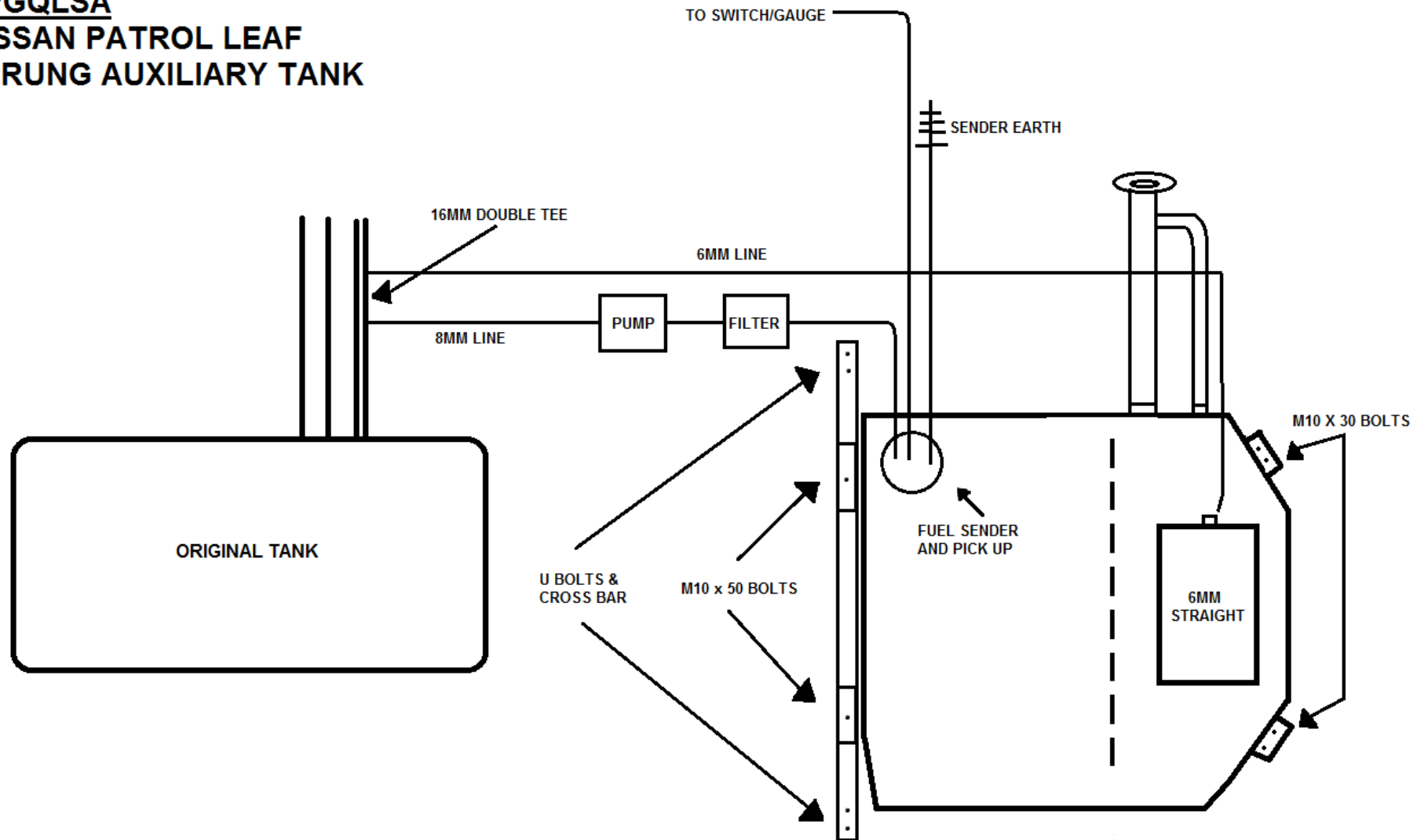
Updated 10/23 - TL	
Brass	Electrical
<ul style="list-style-type: none"> ○ 1 x P3 1/4 x 1/4 (6mm Hose Barb Straight) ○ 1 x P6 5/16 x 1/4 (8mm Hose Barb Elbow) ○ 1 x P6 1/2 x 3/8 (12mm Hose Barb Elbow) – For Filler Neck ○ 1 x 16mm x 8 x 6 Double Reducing Tee (P3 1/4 x 1/8 & P3 5/16 x 1/8) ○ 1 x P3 1/2 x 1/4 (12mm Hose Barb Straight) 	<ul style="list-style-type: none"> ○ 3 x Blue 6mm Earth Eye ○ 1 x 3mm 2 Core Wire @ 6000mm ○ 4 x 3mm Heat Shrink Tube @ 25mm ○ 1 x LRA-PG210 Switch/Gauge Unit ○ 1 x Fuel Transfer Pump ○ 1 x 4mm Blue Wire @ 300mm ○ 1 x 5 AMP Fuse ○ 1 x Fuse Holder ○ 2 x Fuse Holder Terminals ○ 1 x Red Insulated Terminal
Bolts / Nuts	Misc Parts
<ul style="list-style-type: none"> ○ 10 x M10 Nyloc Nuts ○ 4 x M10 x 30mm Bolts ○ 2 x M10 x 50mm Bolts ○ 10 x M10 Washers ○ 2 x M10 x 82mm Center U-Bolts ○ 2 x M6 x 16mm Bolts ○ 2 x M6 Washers ○ 2 x M6 Nyloc Nuts 	<ul style="list-style-type: none"> ○ 2 x 50 x 50 x 3mm Reinforcing Plates ○ 1 x 75 x 25 x 1150mm R/H Cross Bars ○ 1 x FNSTRAIGHT Filler ○ 1 x Locking Cap ○ 1 x Fuel Pump Mounting Plate
Hose Clamps	Cable Ties
<ul style="list-style-type: none"> ○ 8 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
Hose	Sender
<ul style="list-style-type: none"> ○ 1 x 12mm CMP Hose @ 500mm ○ 1 x 6mm CMP Hose @ 1700mm ○ 1 x 8mm Fuel Hose @ 1000mm ○ 1 x 44mm Fuel Hose @ 350mm 	<ul style="list-style-type: none"> ○ 1 x 0-90 OHM Fuel Sender With 500mm Earth

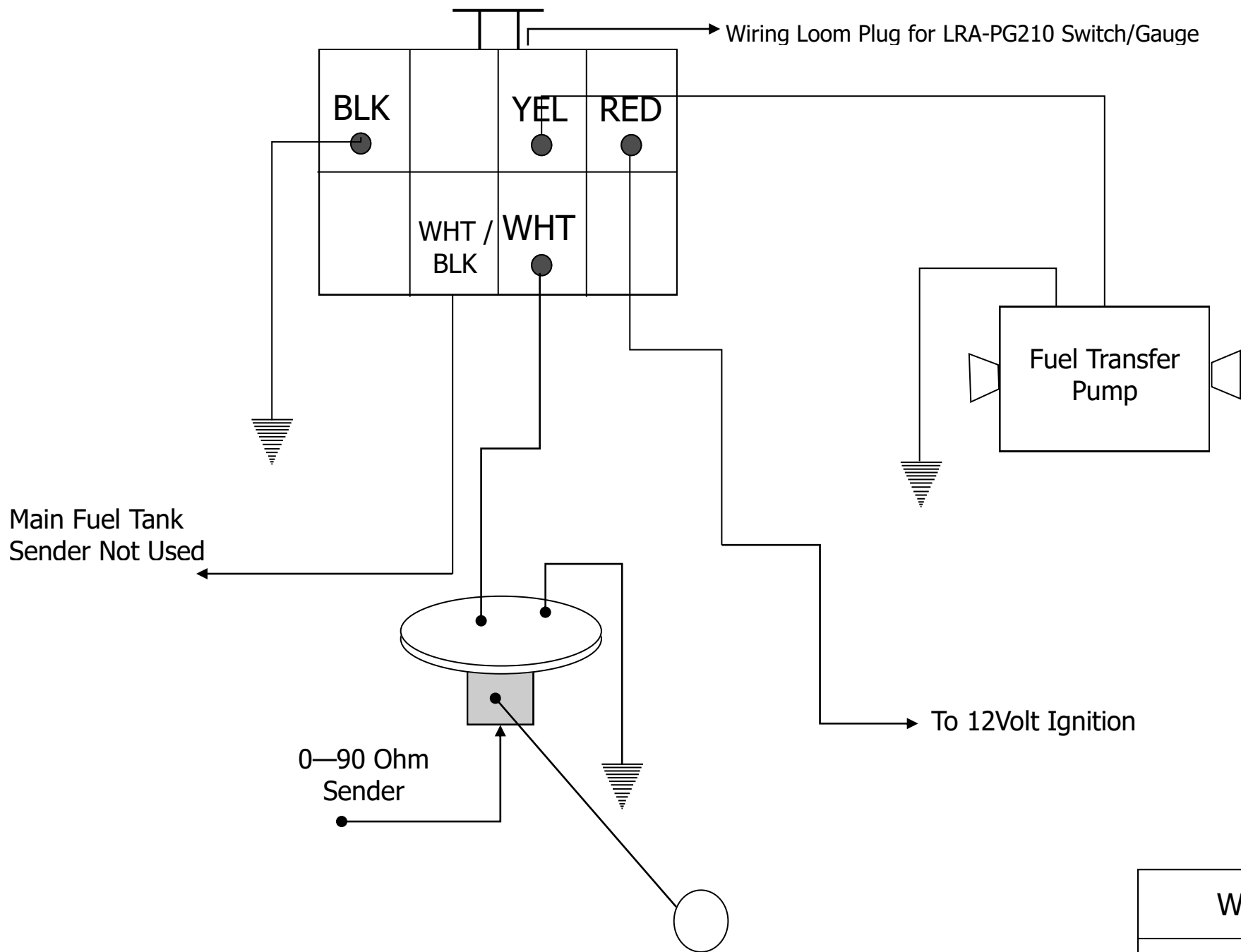
	5 Pages Fitting Instructions Consisting Of
	<ul style="list-style-type: none"> ○ 1 x Page Fitting Instructions ○ 2 x Pages Fitting Kit Contents ○ 1 x Page Installation Drawing ○ 1 x Page Wiring Diagram

Kit Packed By _____

Kit Checked By _____

NPGQLSA
NISSAN PATROL LEAF
SPRUNG AUXILIARY TANK





WDSGPG210