



**Installation Instructions for MPNSSWBA  
Mitsubishi NS Pajero SWB  
65L Auxiliary Tank**

This auxiliary Fuel Tank fits up under the rear of the vehicle, it has a capacity of 65Lt. The Standard filler 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 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. Mount the switch gauge unit in a suitable location. (We suggest in the curved panel near the ignition switch, so that the gauge can be seen through the steering wheel). Complete wiring as per diagram and run the twin core cable to the rear of the vehicle under the scuff plate and behind the 1/4 panel trim and exit out through the grommet below where the jack is stored.
2. Lift the rear storage area lid forward so you can get to the floor pan. Place the floor reinforcing plate in position and mark around it, then trim the body deadener away from where the plate will sit. Line plate up with the trim screw and anchor point holes and drill 2 x 10.5mm holes for the front mount. (These holes will be close to the rear edge of the floor pan cross member).
3. Remove the rear section of the exhaust, muffler heat shield and all exhaust mounts. Bolt the original R/H muffler mount to the M8 studs on the new L/H secondary bracket, bolt this bracket in place using 1 x Towbar bolt and 1 x M12 x 30mm bolt spring and flat washer. Remove the 2 R/H front towbar bolts and bolt the R/H secondary bracket in place. Cut 320mm from the end of the original exhaust. (This will be used as the exhaust tip for the new muffler). Bolt the new rear exhaust section in place and mount the end of the muffler with the original rear mount and the thicker out of the 2 exhaust rubbers. Use M8 x20mm bolts and Nyloc nuts for this.

4. Remove R/H rear inner wheel arch cover to reveal OEM fuel fill pipe. Remove fill pipe assembly from vehicle and cut as shown in diagram. File ends smooth and install 80mm length of 35mm hose to filler pie and refit assembly to vehicle. Enlarge 3 small mounting holes in filler recess to 8mm. Install brass fittings to new twin filler neck, 5/16 x 1/4 elbow goes into socket in fill pipe and points in the same direction as the pipe. One 5/8 x 1/4 elbow goes in the socket on angled face of twin filler, this fitting will be the auxiliary tank fast fill vent, the other 5/8 x 1/4 elbow goes in the socket adjacent to the shorter fill pipe, this fitting is the OEM tank fast fill vent. The remaining socket is for the 1/4 x 1/4 elbow and this fitting will be connected to the auxiliary tank vent.
5. Screw the P3 5/8 x 3/8 straight into the fitting next to the filler neck, P6 5/16 x 1/4 elbow into the fuel pick up and in the remaining socket the P6 1/4 x 1/8 elbow. Point these elbows towards the filler. Fit the 8mm and 6mm hoses to these fittings. Lift the tank into position and remember to connect the sender unit wire. Secure the front of the tank with 2 x M10 x 90mm bolts washers and nyloc nuts and the sides with M10 x 30mm bolts washers and Nyloc nuts.
6. Connect the filler with the fill pipe and 2 x 38mm hose sleeves. Mount the fuel pump in a suitable protected location. (we suggest bolting the fuel pump mounting bracket to the body flange behind the mud flap cover. Connect all remaining hoses and wiring including earth wire for sender unit and neatly cable tie all hoses. Fill with fuel and check fuel gauge and pump operation.



## FITTING KIT CONTENTS MPNSSWBA

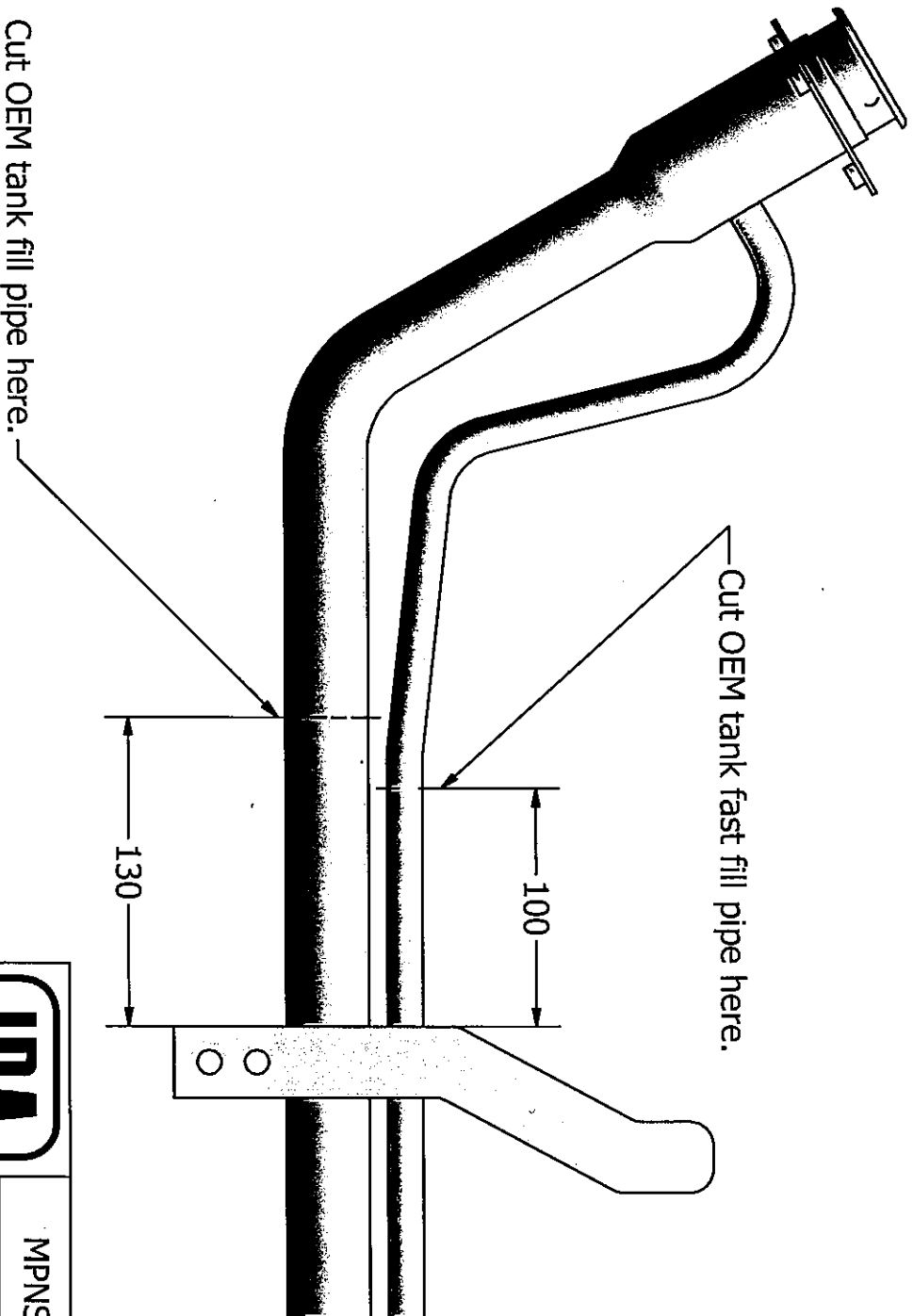
<b>Brass:</b> <ul style="list-style-type: none"> <li>○ 1 x P6 1/4 x 1/4 Elbow</li> <li>○ 2 x P6 5/16 x 1/4 Elbow</li> <li>○ 2 x P6 5/8 x 1/4 Elbow</li> <li>○ 1 x P3 5/8 x 3/8 Straight</li> <li>○ 1 x P6 1/4 x 1/8 Elbow</li> </ul>	<b>Electrical:</b> <ul style="list-style-type: none"> <li>○ 1 x LRA PG-210 Switch Gauge</li> <li>○ 1 x 3mm Two Core Wire @ 4000mm</li> <li>○ 1 x Blue 6mm Eye Terminal</li> <li>○ 2 x Red Eye Terminals</li> <li>○ 4 x 3mm Heat Shrink Tube @ 25mm</li> <li>○ 1 x Red Insulated Terminal</li> <li>○ 1 x 5 amp fuse</li> <li>○ 1 x fuse holder</li> <li>○ 2 x fuse holder terminals</li> </ul>
<b>Bolts / Nuts:</b> <ul style="list-style-type: none"> <li>○ 2 x M10 x 90 Bolts</li> <li>○ 10 x M10 x 25 Flat Washers</li> <li>○ 5 x M10 Nyloc Nuts</li> <li>○ 1 x M10 Plain Nuts</li> <li>○ 3 x M10 x 30 Bolts</li> <li>○ 5 x M8 x 20 Bolts</li> <li>○ 5 x M8 x 20 Flat Washers</li> <li>○ 5 x M8 Nyloc Nuts</li> <li>○ 5 x M5 x 10 Pan Head Screws</li> <li>○ 1 x M6 x 25 Flat Washer</li> <li>○ 1 x M6 Nyloc Nut</li> <li>○ 1 x M12 x 30 Fine Thread Bolt</li> <li>○ 1 x M12 Spring Washer</li> <li>○ 1 x M12 x 25 Washer</li> <li>○ 1 x TEK Screw</li> </ul>	<b>Misc Parts:</b> <ul style="list-style-type: none"> <li>○ 1 x Steel Fill Pipe #FPMPNSSWBA</li> <li>○ 1 x Twin Filler Petrol/Diesel</li> <li>○ 1 x L/H Secondary Bracket with 2 x M8 x 20mm Studs Welded</li> <li>○ 1 x R/H Secondary Bracket</li> <li>○ 1 x Front Floor Reinforcing Plate</li> <li>○ 1 x 16mm Rubber lined P Clip</li> <li>○ 1 x BM0443 Muffler Assembly</li> </ul>
<b>Hose Clamps:</b> <ul style="list-style-type: none"> <li>○ 8 x 1/4" Hose Clamps</li> <li>○ 4 x 5/8" Hose Clamps</li> <li>○ 6 x 1 1/4" Hose Clamps</li> </ul>	<b>Cable Ties:</b> <ul style="list-style-type: none"> <li>○ 4 x 11" Cable Ties</li> <li>○ 3 x 7" Cable Ties</li> </ul>

<b>Sender:</b> <ul style="list-style-type: none"> <li>○ 1 x 0-90 OHMS Sender Unit</li> <li>600mm Earth Wire</li> </ul>	<b>Pumps &amp; Filters:</b> <ul style="list-style-type: none"> <li>○ 1 x Fuel Transfer Pump</li> <li>○ 1 x Fuel Pump Mounting Bracket</li> <li>○ 1 x Z14 Filter</li> </ul>
<b>Hose:</b> <ul style="list-style-type: none"> <li>○ 1 x 6mm CMP Hose @ 800mm</li> <li>○ 1 x 8mm Hose @ 1600mm</li> <li>○ 2 x 38mm Hose @ 80mm</li> <li>○ 1 x 16mm NTP Hose @ 400mm</li> <li>○ 1 x 16mm NTP Hose @ 800mm</li> <li>○ 1 x 35mm Hose @ 80mm</li> </ul>	<b>6 Pages of Fitting Instructions Consisting of:</b> <ul style="list-style-type: none"> <li>○ 2 x Pages Fitting Instructions</li> <li>○ 2 x Pages Fitting Kit Contents</li> <li>○ 1 x WDSGPG210 Diagram</li> <li>○ 1 x INMPNMRA01</li> </ul>

Kit Packed By \_\_\_\_\_

Checked By \_\_\_\_\_

NOTE:  
Cutting positions for OEM tank fill pipe and fast fill pipe  
located in right hand rear wheel arch.



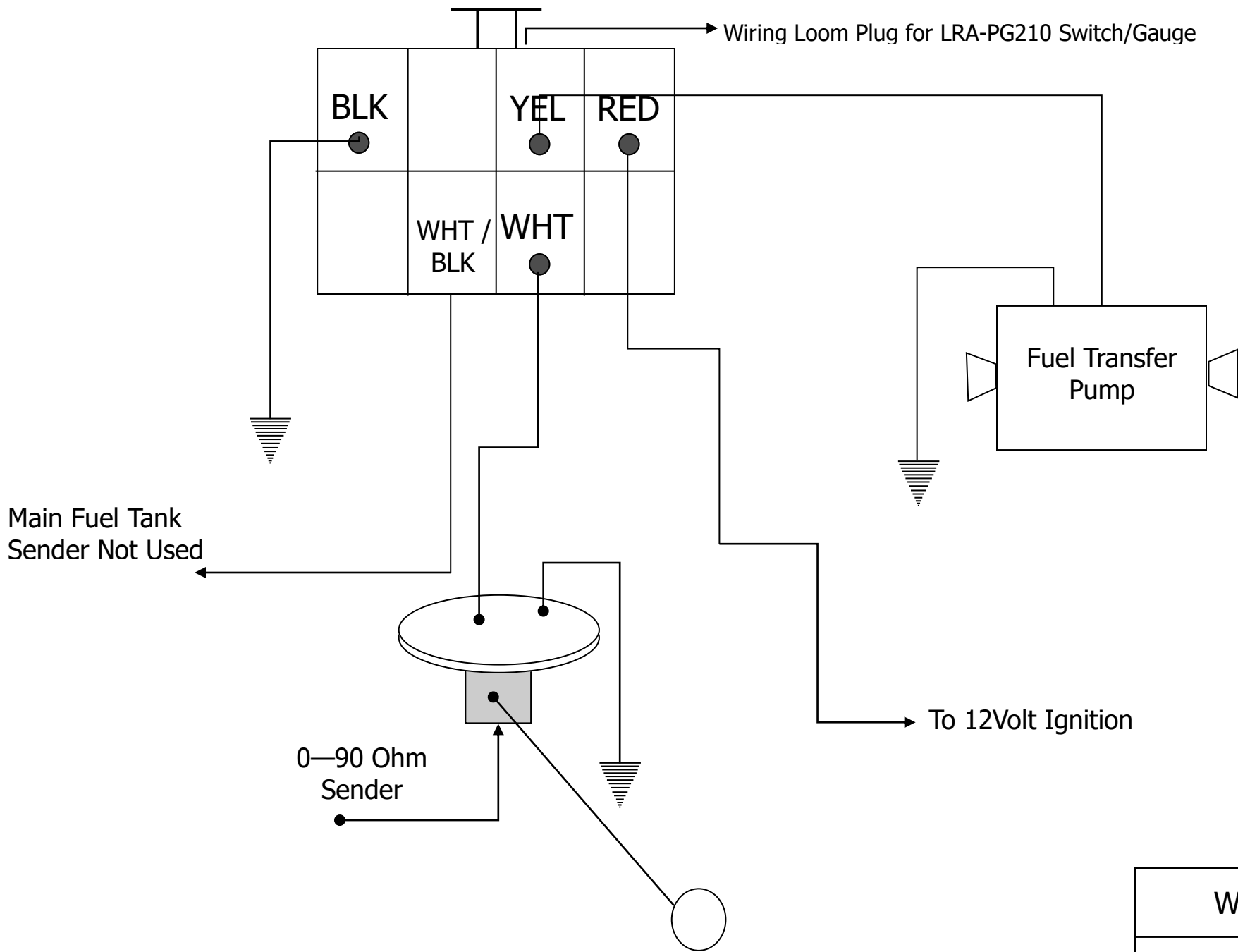
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MPNSSWBA

Installation-1

Mitsubishi Pajero 65ltr rear auxiliary  
OEM filler modifications.



WDSGPG210