



Installation Instructions for T4LD46A
Toyota 4 Runner 1990+
96L Auxiliary Tank

This auxiliary tank fits behind the rear axle and takes the place of the spare wheel. Filling the tank is done via a new twin filler that is installed in place of the original filler. 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** light flashing showing empty.

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

1. Locate a suitable switch blank in the dash and install switch/gauge and associated wiring as per diagram. Run twin core wire out through a suitable grommet in firewall and under vehicle to the RH rear wheel area.
2. Remove spare wheel, wheel cradle and winding mechanism (if applicable). Remove cover from filler neck, also remove OEM filler neck, leaving OEM fill and fast fill hose connected to fuel tank. Install P3 1/4 x 1/8 straight fitting into threaded socket of new twin filler. Install new twin filler and connect OEM fill hose only at this time, secure filler using one of the original filler mounting bolts.
3. Assemble brass fittings into new tank as per diagram, also install hoses to their fittings. Use the 900mm length of NTP hose on the tank fast fill, the 600mm length of 8mm hose on the pick-up and the 1200mm length on the vent fitting. A short section of the inner wheel arch lip adjacent to and just rearward of the pan hard rod crossmember will need to be reworked. This is to allow the fast fill and vent hoses to run between the body and chassis without being damaged or crushed. Ascertain the area that needs reworking by measuring the fast fill point on the tank and the point on the body where the hose will run between the chassis and body and neatly roll the lip back under the vehicle (a drift and a suitably sized striking implement will do).

4. Lift the tank up into positioning, running all three (3) hoses over the chassis at the point mentioned in Step 3. Square tank up to chassis rails and secure tank by drilling holes in mounting brackets and chassis. Use nuts and bolts provided. Mount transfer pump behind RH rear mud flap. Install mandrel hose bend to tank and filler. Connect auxiliary tank fast fill hose to the front fitting on the new twin filler. Using the remaining short piece of NTP hose and the 12 x 8 "T" piece, connect OEM fast fill hose to the rear fitting on the twin filler. Connect fuel transfer hose to "T" piece and vent hose to small brass fitting earlier installed.

5. Connect remaining hoses and wires and neatly cable tie them away from any moving parts. Trim the original filler cover to suit the new twin filler and refit. Fill tank with fuel and check for leaks.

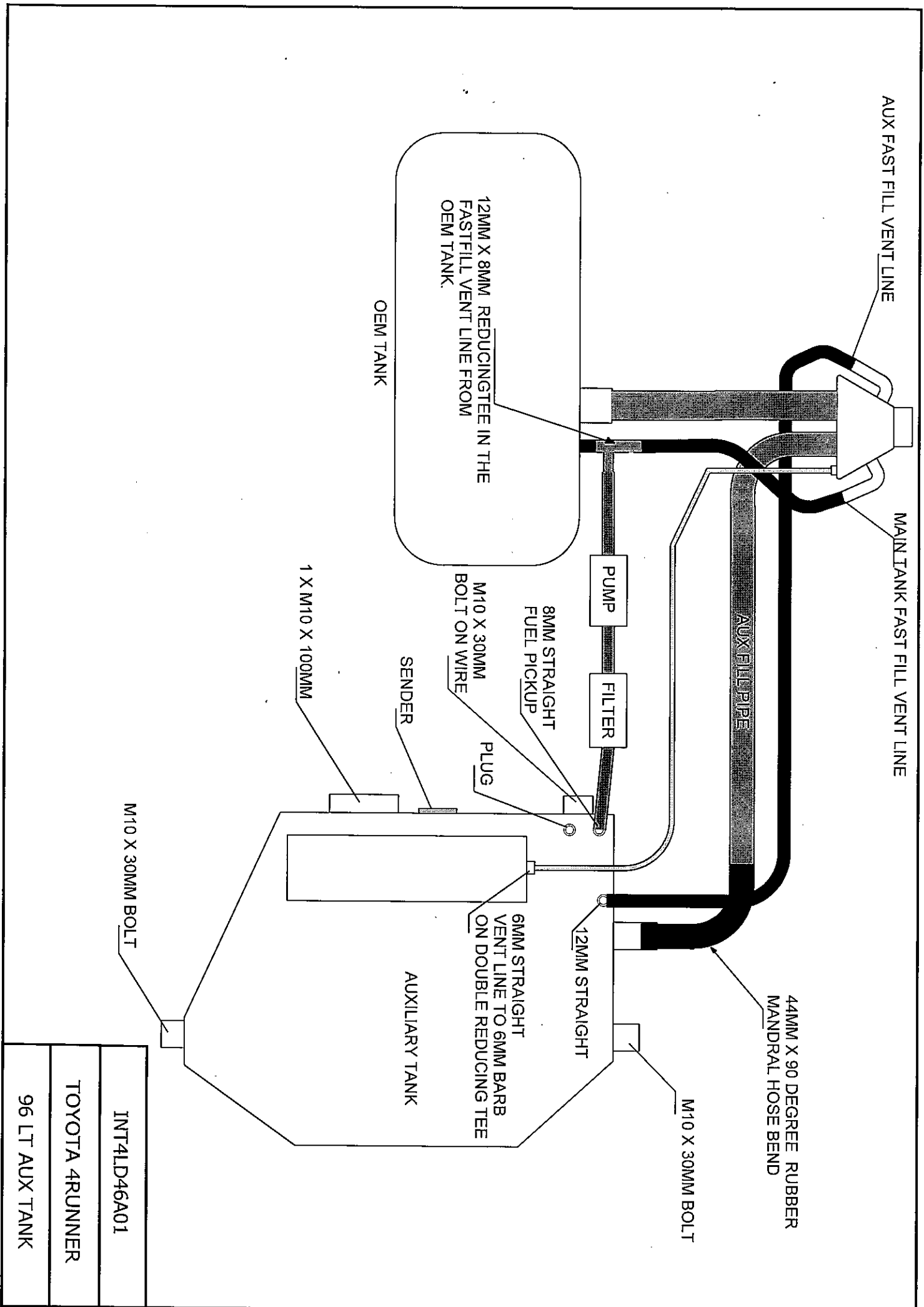


FITTING KIT CONTENTS T4LD46A

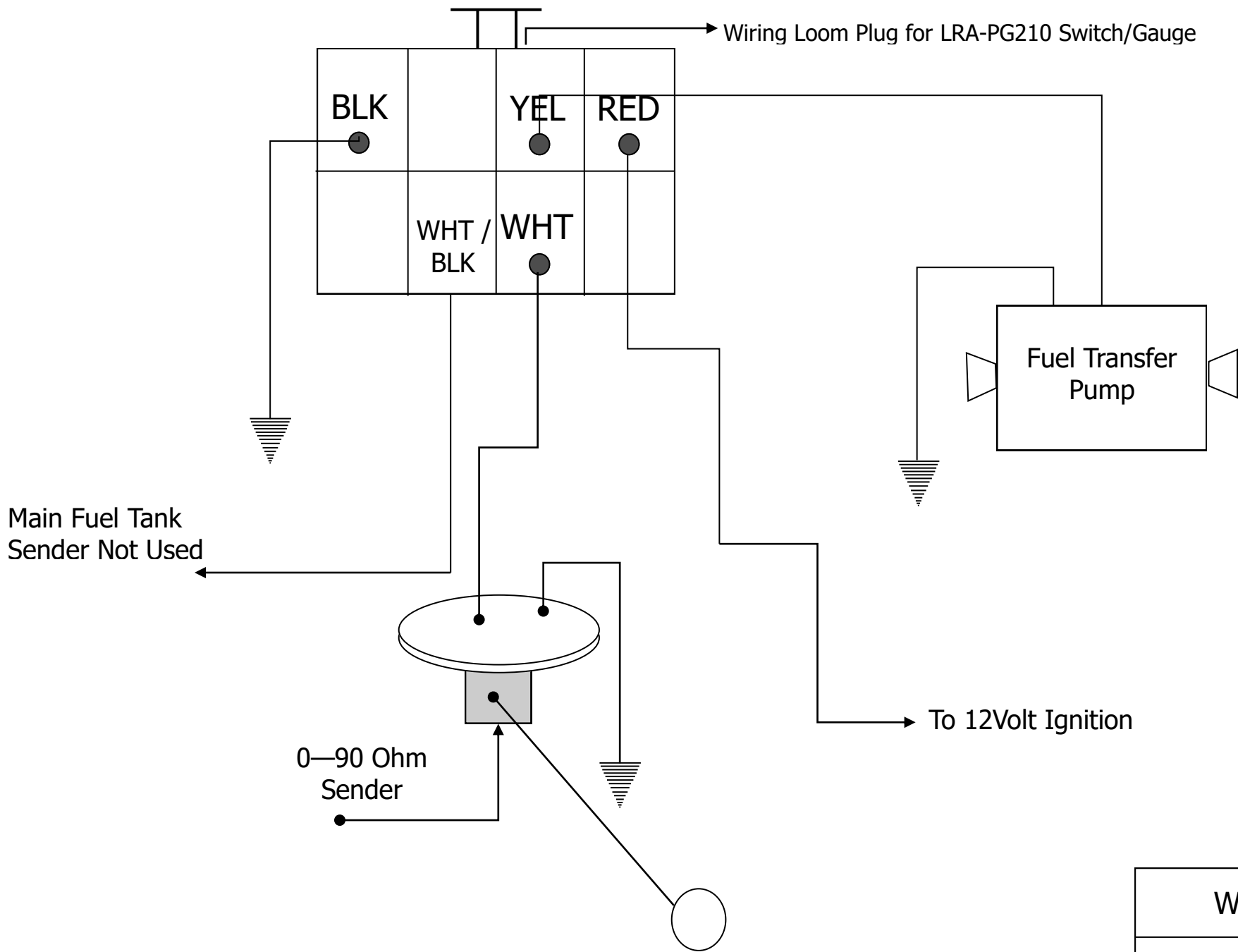
Brass:	Electrical:
<ul style="list-style-type: none"> ○ 1 x P3 1/4 x 1/4 Straight ○ 1 x P3 1/2 x 1/4 Straight ○ 1 x P3 5/16 x 1/4 Straight ○ 1 x P3 1/4 x 1/8 Straight ○ 1 x 1/4 BSP Plug 	<ul style="list-style-type: none"> ○ 1 x LRA-PG210 Switch/Gauge ○ 1 x 3mm Two Core Wire @ 5000mm ○ 2 x Red Terminals ○ 2 x 6mm Blue Eye Terminals ○ 1 x 8mm Blue Eye Terminals ○ 1 x Red Male Terminal
Bolts / Nuts:	Misc Parts:
<ul style="list-style-type: none"> ○ 2 x M10 x 30 Bolts ○ 1 x M10 x 100 Bolt ○ 4 x M10 Flat Washers ○ 4 x M10 Nyloc Nuts ○ 5 x M5 x 8 Pan Head Screws ○ 1 x M10 x 30 Bolt with 300mm Strap Welded On 	<ul style="list-style-type: none"> ○ 1 x 12 x 8 "T" Piece ○ 1 x Twin Filler #TFTS/4RAUX ○ 1 x 50 x 50 x 3 Reinforcing Plate ○ 1 x SC91 Fuel Cap ○ 1 x 44mm Mandrel Hose Bend
Hose Clamps:	Cable Ties:
<ul style="list-style-type: none"> ○ 8 x 1/4" Hose Clamps ○ 6 x 1/2" Hose Clamps ○ 4 x 1 1/2" Hose Clamps 	<ul style="list-style-type: none"> ○ 10 x 7" Cable Ties ○ 5 x 11" Cable Ties
Sender:	Pumps & Filters:
<ul style="list-style-type: none"> ○ 1 x 0-90 OHM Sender Set Up In Tank With 400mm Earth Lead 	<ul style="list-style-type: none"> ○ 1 x Fuel Pump ○ 1 x Z14K Filter
Hose:	5 Pages of Fitting Instructions Consisting of:
<ul style="list-style-type: none"> ○ 1 x 6mm Hose @ 1200mm ○ 1 x 8mm Hose @ 900mm ○ 1 x 8mm Hose @ 600mm ○ 1 x 12mm NTP Hose @ 900mm ○ 1 x 12mm NTP Hose @ 300mm 	<ul style="list-style-type: none"> ○ 2 x Page Fitting Instructions ○ 1 x Page Fitting Kit Contents ○ 1 x Page WDSGPG210 ○ 1 x Page INT4LD46A01

Kit Packed By _____

Checked By _____



INT4LD46A01
TOYOTA 4RUNNER
96 LT AUX TANK



WDSGPG210