



Installation Instructions for TLC73A Toyota Landcruiser HJ73/FJ73 80L Auxiliary Tank

This auxiliary tank fits forward of the rear axle on the left hand side of the vehicle. 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. Remove exhaust from left hand side (this will need to be relocated on the right side with a new slimmer shaped muffler, exhaust system will also need to exit on the right side of the vehicle). Remove heat shield attached to floor also remove mounting tabs before mounting tank.
2. Install all fittings and gauge sender into tank. Check operation of gauge, sender and float by rolling tank and checking ohms readings (ensure float arm doesn't catch on anything inside tank). Lift tank into position drill holes as required in crossbars and secure tank.
3. Install wiring as per wiring diagram and also install fuel transfer pump. Double reducing T will need to be installed in OEM fast fill hose on main tank. Connect fuel transfer and vent hoses.
4. Carefully select point in left hand rear 1/4 panel as per diagram. Cut 130mm diameter hole in panel. After marking out and cutting the 130mm diameter hole in the panel for the filler bucket, you will also need to make a 63mm diameter and 25mm diameter hole in the inner panel, for the filler neck and fast fill vent hose to pass through and exit to the under-side of the vehicle for connection to the auxiliary tank. Keep the fast fill vent hose as high as possible. Install filler bucket assembly into 1/4 panel then install filler neck and filler pipe using 44mm hose to join pipe sections to tank. Connect fast fill hose, fill tank with fuel and check for leaks.

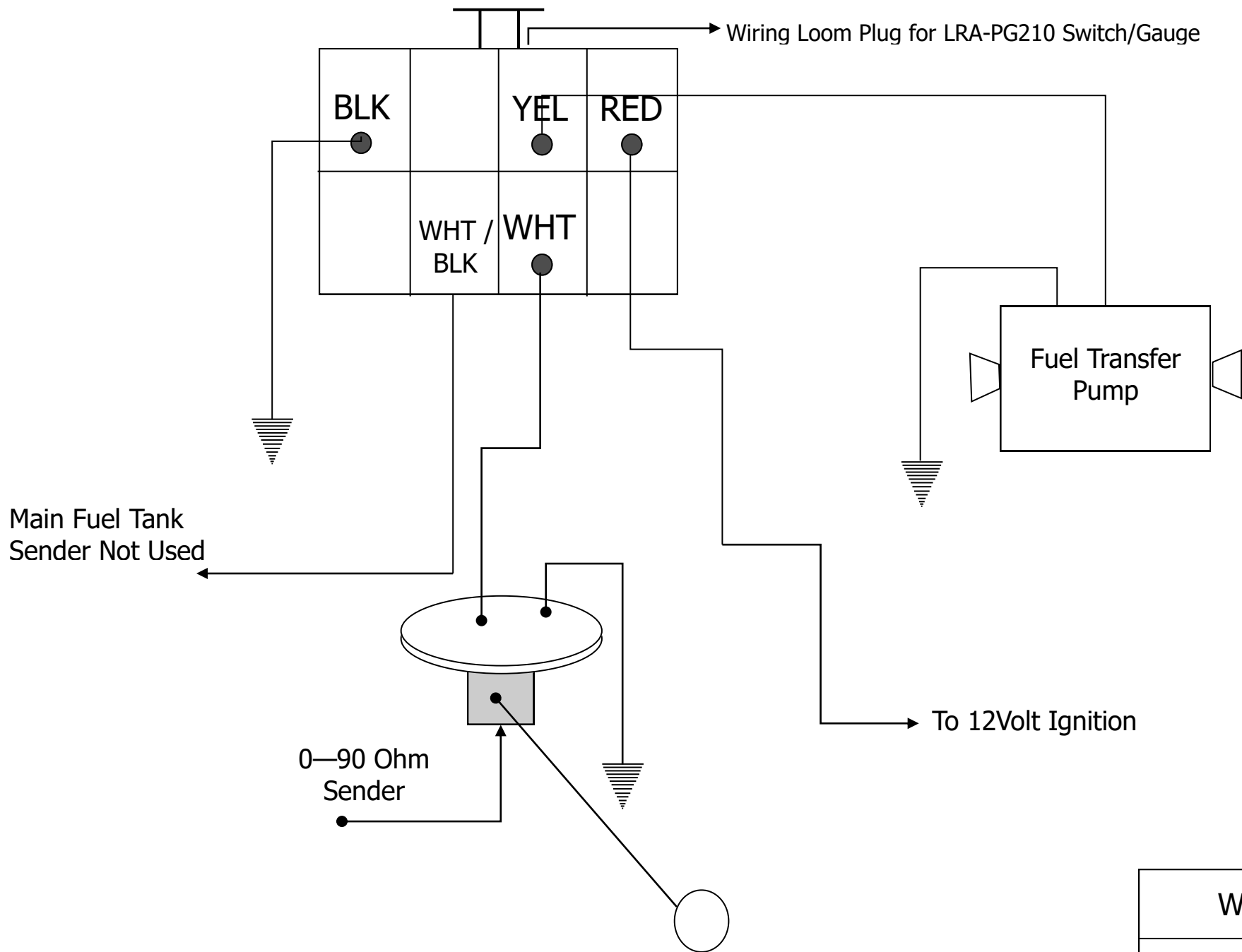


FITTING KIT CONTENTS TLC73A

Brass:	Electrical:
<ul style="list-style-type: none"> ○ 1 x P6 5/16 x 1/4 Elbow ○ 1 x P3 1/2 x 1/4 Straight ○ 1 x P6 1/2 x 1/4 Elbow ○ 1 x 1/4 BSP Plug ○ 1 x 16 x 8 x 6mm Reducing Tee 	<ul style="list-style-type: none"> ○ 1 x LRA-PG210 Switch Gauge ○ 1 x 3mm Two Core Wire @ 5000mm ○ 1 x Red Terminal ○ 2 x Red Eye Terminals ○ 1 x 8mm Blue Earth Eye
Bolts / Nuts:	Misc Parts:
<ul style="list-style-type: none"> ○ 2 x M10 x 65 Bolts ○ 2 x M10 x 75 Bolts ○ 4 x M10 Flat Washers ○ 4 x M10 Nyloc Nuts ○ 3 x M5 Washers ○ 3 x M5 x 16 Counter Sunk Screws ○ 3 x M5 Nuts ○ 5 x M5 x 10 Pan Head Screws 	<ul style="list-style-type: none"> ○ 1 x 3/4" Grommet ○ 1 x Filler Grommet ○ 1 x Fill Pipe #FPTLC73AUX ○ 1 x Locking Fuel Cap ○ 1 x Filler Bucket ○ 1 x Filler Neck #FNTLC73AUX ○ 1 x Filler Grommet Cut To Suit Bucket
Hose Clamps:	Cable Ties:
<ul style="list-style-type: none"> ○ 10 x 1/4" Hose Clamps ○ 4 x 1/2" Hose Clamps ○ 4 x 1 1/2" Hose Clamps 	<ul style="list-style-type: none"> ○ 5 x 7" Cable Ties ○ 5 x 11" Cable Ties ○ 2 x 14" Cable Ties
Sender:	Pumps & Filters:
<ul style="list-style-type: none"> ○ 1 x 0-90 OHMS Sender Unit ○ 500mm Earth Wire 	<ul style="list-style-type: none"> ○ 1 x Z14K Filter ○ 1 x Fuel Pump
Hose:	5 Pages of Fitting Instructions Consisting of:
<ul style="list-style-type: none"> ○ 1 x 6mm Hose @ 1600mm ○ 1 x 8mm Hose @ 1400mm ○ 1 x 12mm Hose @ 1300mm ○ 1 x 44mm Hose @ 80mm ○ 1 x 44mm Hose @ 120mm 	<ul style="list-style-type: none"> ○ 1 x Page Fitting Instructions ○ 1 x Page Fitting Kit Contents ○ 1 x Page WDSGPG210 Diagram ○ 1 x Page Filler Bucket Location Diagram ○ 1 x Page Hose Layout Diagram

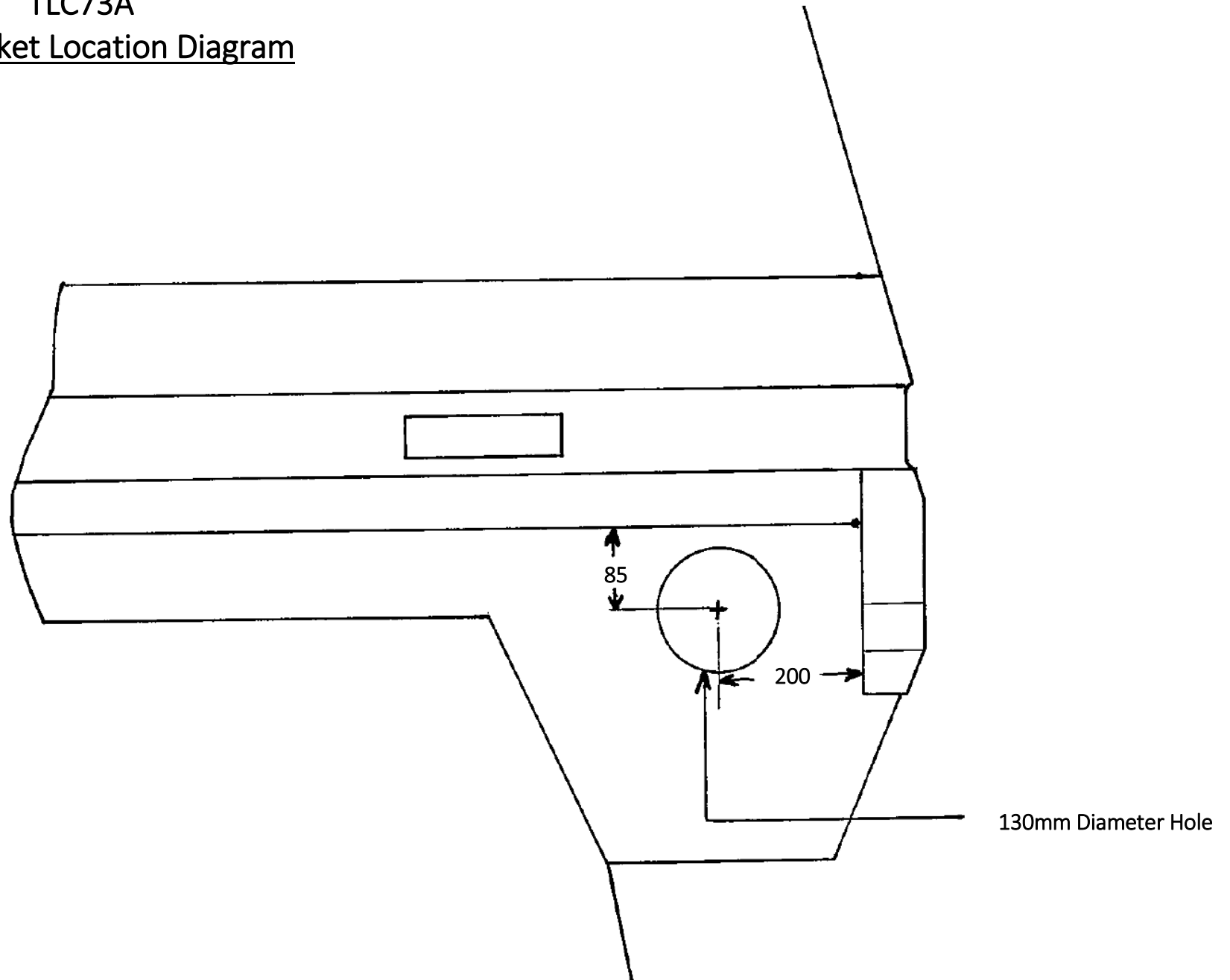
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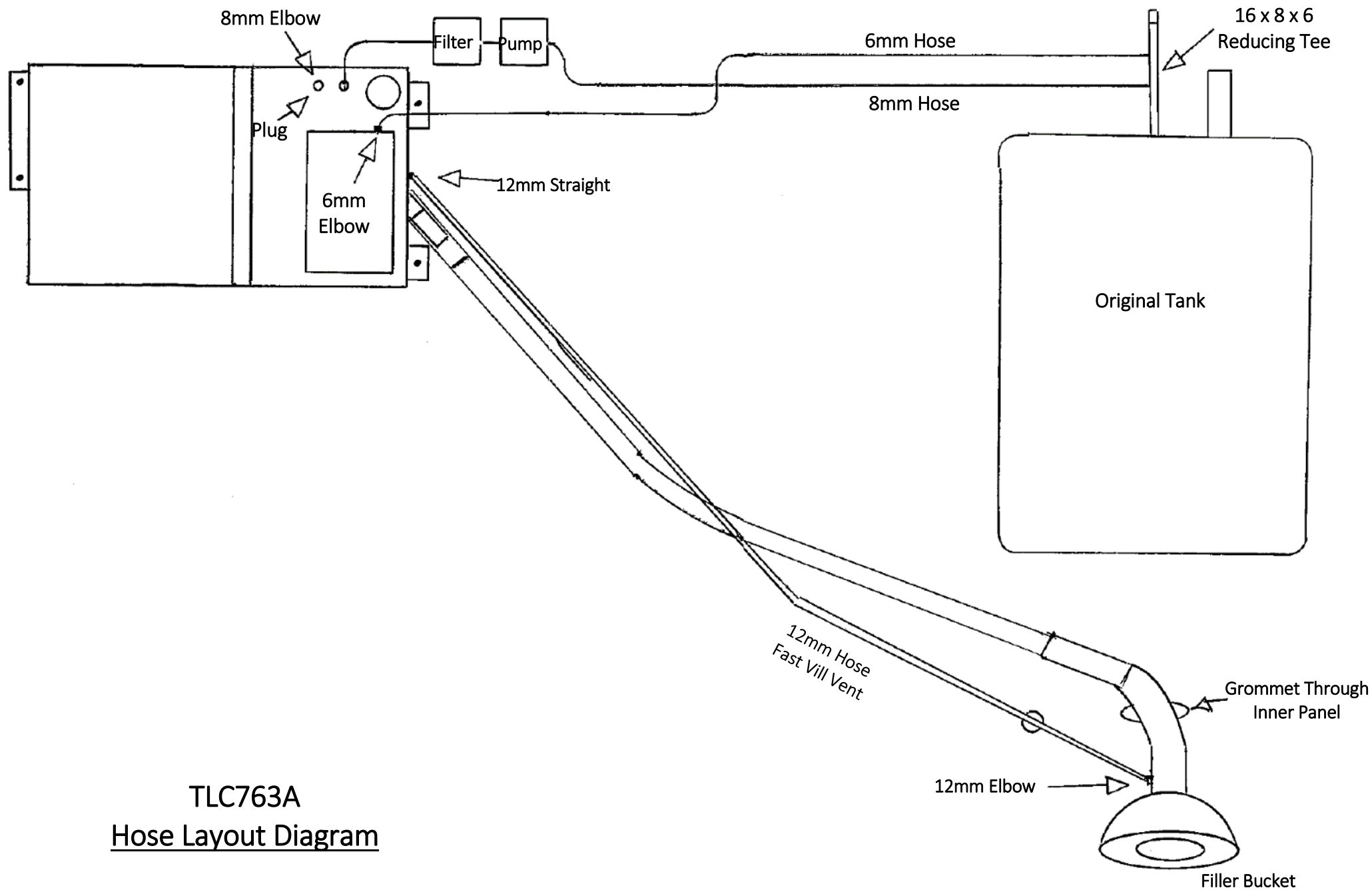
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WDSGPG210

TLC73A
Filler Bucket Location Diagram





TLC763A
Hose Layout Diagram