



Installation Instructions for IMUXR Isuzu MUX 06 / 2016 ON 120L Replacement Tank

Updated 2/24 TL

1. Disconnect the pick-up and return lines at the front of the tank. Disconnect the filler fast fill and vent at the rear of the tank. Remove straps, slightly lower the tank and unplug the sender. Remove the tank.
2. Carefully bend fuel pick-up and return line until they are 90° to the chassis rail.
(Refer Pic 1)
3. Using a sharp blade remove the fittings from the OE plastic pick-up and return lines and fit to new hoses 8mm @ 1220mm and 12mm @ 1260mm.
4. Remove pick-up assembly from the tank. Remove the float from the original float arm and fit it to the new float arm. Be careful not to damage the float when you bend the end over. Refit new float arm to pick up assembly. Fit the magnet near the entry of swirl pot, install assembly into the new tank using BS353 O-ring, 6 x M5 x 8 cap screws, spring washers and hold down ring. Point the pick-up towards the corner on the tank **(Refer Pic 2)**. Check the OHMS, 146 @ EMPTY and 17 @ FULL. Fit the roll over grommet and valve and point it towards the rear. Fit the brass fittings to the tank **(Refer Diagram)**. Connect the 930mm length of 5/16 hose to the front fitting only. Connect the pick-up and return lines to the pick-up assembly. Fit the new ICV to the filler neck on the vehicle (not in the tank). **(Refer Pic 3)**.
5. Fit the rear U-bolt into position. Jack the tank into position, connect the sender unit at the same time. Secure the outside of the tank using OE bolt with thread lock. Secure rear using M10 U-Bolt, washers and Nyloc nuts. Once three mounts are in position (there is a 5mm spacer bracket for the RHR if required) drill the front R/H mount. Make sure you put a plate above the chassis when you drill, there are air conditioning lines above the chassis. Once drilled secure with folded bracket and M10 x 80 bolt, Nyloc and washers. **Ensure that there is enough clearance from the air conditioning lines to the bracket on the RH front mount.**

6. Connect pick-up and return lines, running hoses over the front crossmember. Also connect front and rear balance hoses, running front hose also over the crossmember.
7. Bend the OE breather and fast fill tubes slightly up. Cut the OE hoses to length. Filler – 190mm, Fast Fill – 140mm & Breather - 200mm. Connect using OE clamps. Check for clearance to brake lines on top of the tank at rear L/H side (**Refer Pic 4**). Fill with fuel and check for leaks.

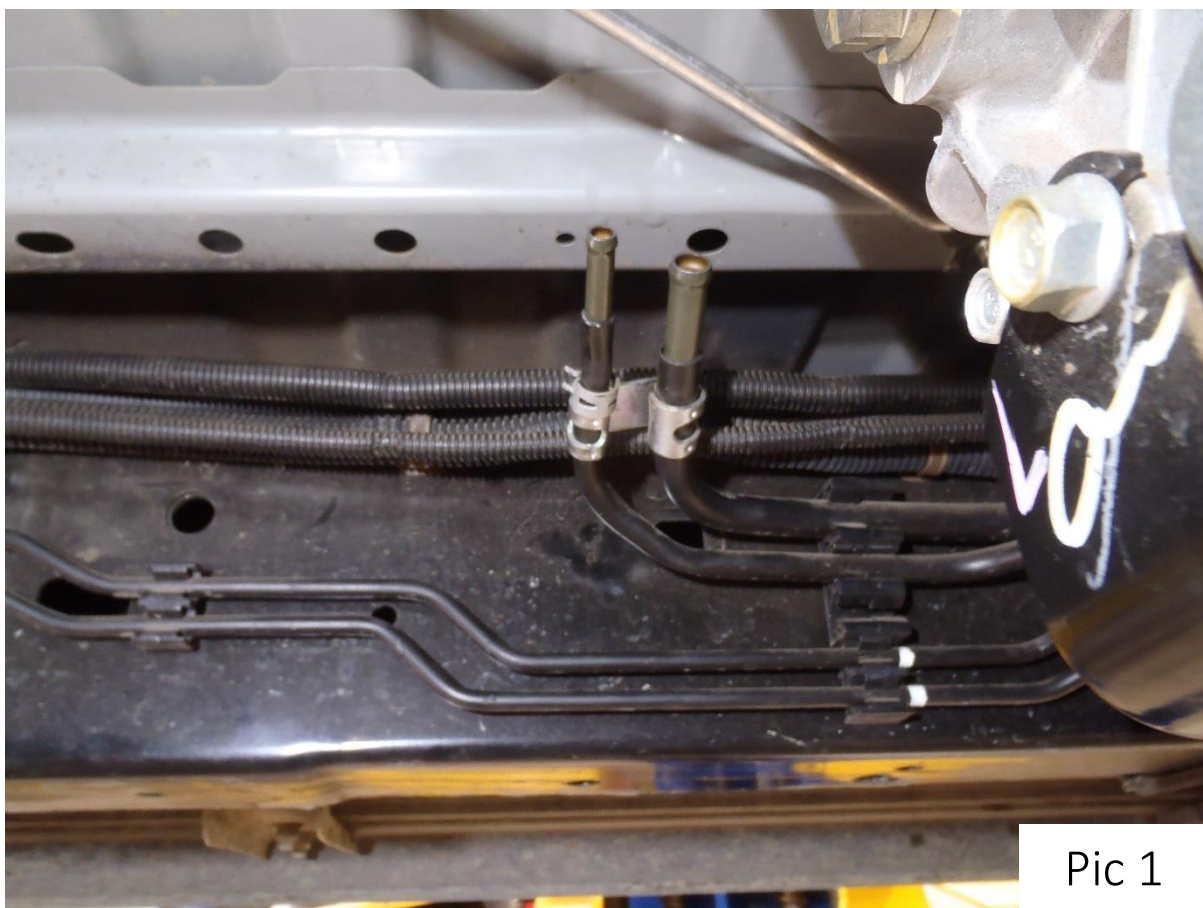


FITTING KIT CONTENTS IMUXR

Updated 2/24 - TL	
Brass:	Electrical:
<ul style="list-style-type: none"> ○ 1 x P3 5/16 x 1/4 Straight ○ 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 	
Bolts / Nuts:	Misc Parts:
<ul style="list-style-type: none"> ○ 1 x M10 x 80 Bolt ○ 2 x M10 x 20 Washers ○ 4 x M10 x 25 Washers ○ 3 x M10 Nyloc Nuts ○ 6 x M5 x 8 Cap Screws ○ 6 x M5 Spring Washers 	<ul style="list-style-type: none"> ○ 1 x Roll Over Valve ○ 1 x FTG-2 Grommet ○ 1 x Magnet ○ 1 x Hold Down Ring ○ 1 x Float Arm ○ 1 x BS353 ○ 1 x 85 x 100 Square U-Bolt (LONFL0073) ○ 1 x RHR 5mm Spacer Bracket ○ 1 x Folded Bracket Plate (Colorado Style) ○ 1 x Mitsubishi ICV ○ 1 x 16mm Conduflex @ 820mm ○ 1 x 16mm Conduflex @ 1160mm ○ 1 x 20mm Conduflex @ 1220mm ○ 1 x 20mm Conduflex @ 350mm
Hose Clamps:	Cable Ties:
<ul style="list-style-type: none"> ○ 3 x 1/4 Hose Clamps ○ 3 x 1/2 Hose Clamps 	<ul style="list-style-type: none"> ○ 2 x 7" Cable Ties ○ 5 x 11" Cable Ties
Sender:	Pumps & Filters:
Hose:	6 Pages of Fitting Instructions Consisting of:
<ul style="list-style-type: none"> ○ 1 x 8mm Hose @ 1220mm ○ 1 x 8mm Hose @ 930mm ○ 1 x 12mm Hose @ 1260mm ○ 1 x 12mm Hose @ 480mm 	<ul style="list-style-type: none"> ○ 2 x Page Fitting Instructions ○ 1 x Page Fitting Kit Contents ○ 2 x Pages Reference Pictures ○ 1 x Fittings Installation Diagram

Kit Packed By _____

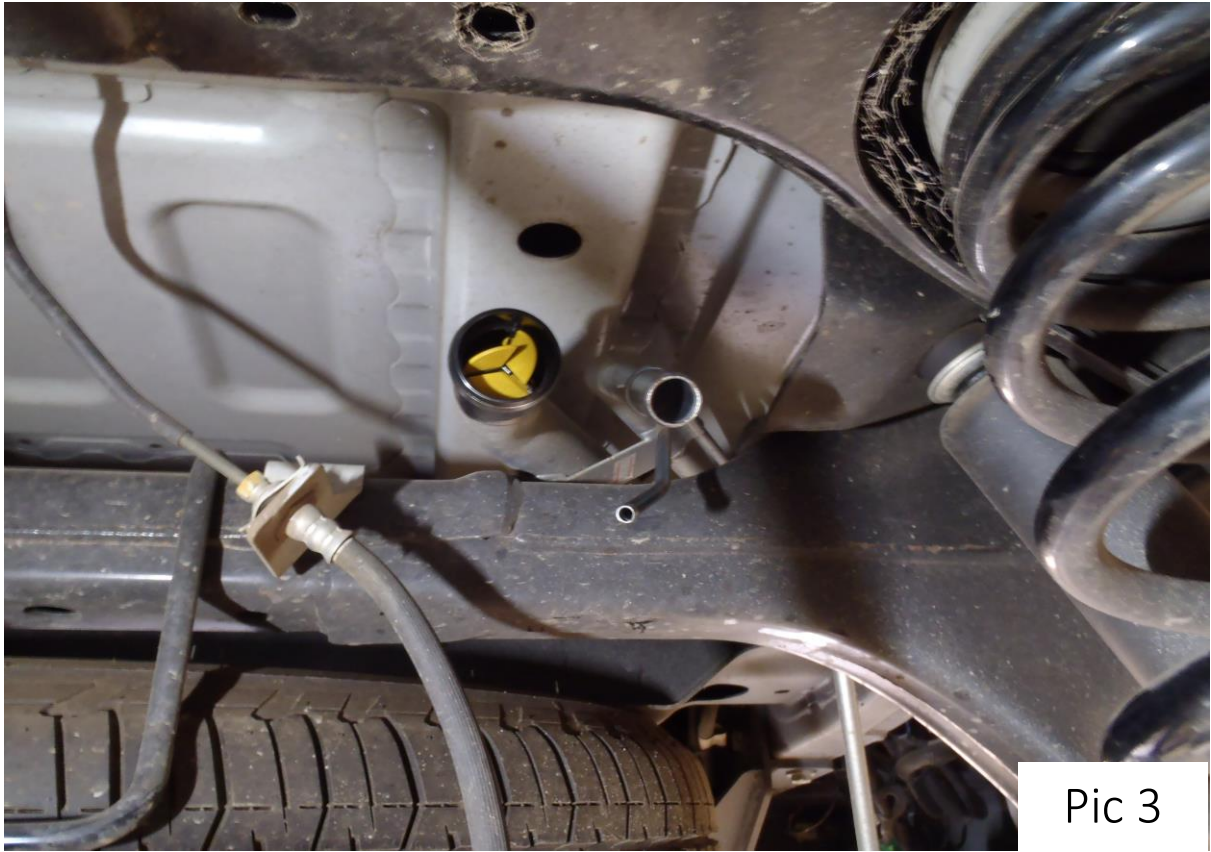
Checked By _____



Pic 1



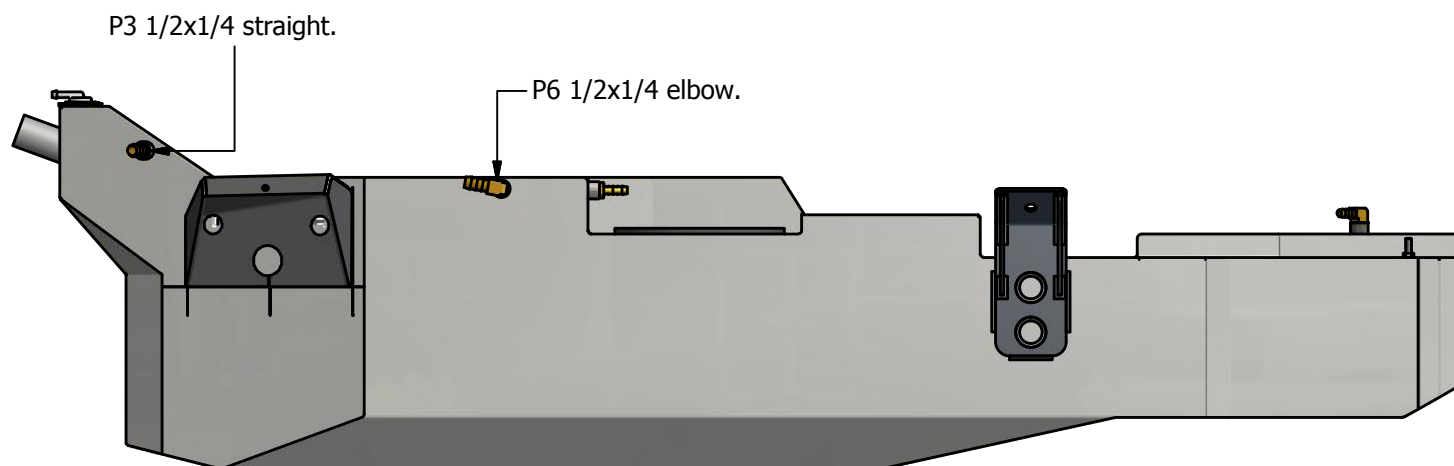
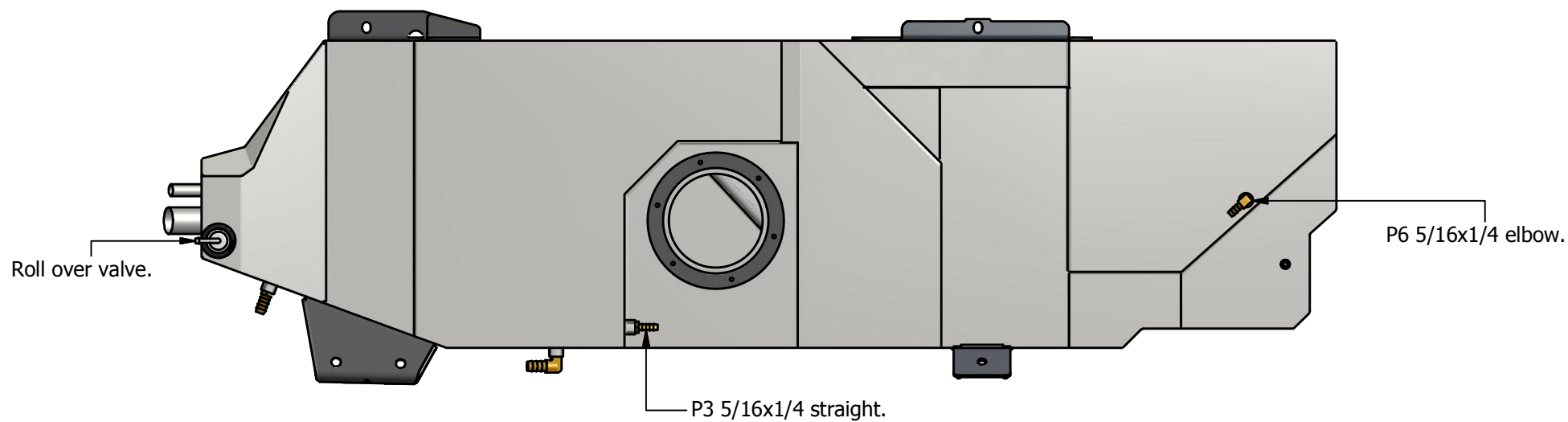
Pic 2



Pic 3



Pic 4



THIS DRAWING REMAINS THE PROPERTY OF
LONG RANGE AUTOMOTIVE AND IS NOT TO BE DUPLICATED
WITHOUT PERMISSION



IMUXR

INSTALL

Isuzu mux replacement tank.
Suit 1 piece tail shaft.