



## Installation Instructions for IDMAXDCR 2020 Isuzu Dmax Mazda BT50 D/CAB 135lt Replacement Tank

1. Disconnect Fuel pick up and return lines at the front of the tank. Remove the L/H plastic wheel arch cover and disconnect the filler and fast fill hoses remove top cable tie. Remove straps and lower the tank partly down, unclip the sender unit wiring and remove tank from vehicle. Unbolt the drive shaft and tie out of the way to the muffler side.
2. Install fittings into the tank as per drawing. Place the magnet in the tank close to the swirl pot entry point. Remove the Fuel pick up / Sender unit from the tank and place it on a flat surface. The STD float sits about 20mm up from the base. Open up the bend in the float arm so that the float ends up 10mm up from the base (**Ref Pic 1**). Fit the sender unit assembly to the tank using the Original O Ring and the new hold down ring with the M5 x 8mm Cap screw and washers. Cover the OE fuel pick up and return lines with the 600mm lengths of 10mm and 13mm Conduflex. Fix the fuel pick up and return lines to the M6 stud on the top of the tank with the 13mm and 16mm rubber lined P clips and M6 Nylon nut. Fit the grommet and rollover valve to the tank and attach 1000mm of 6mm fuel hose.
3. Fit the original fill and fast fill hoses to the tank the same way they came of the original tank. (Put the fill hose on the neck by 60mm)
4. Lift the front of the tank over the drive shaft before beginning jacking into position, stopping part way to feed the Fill and fast fill hoses into position. Connect the sender unit wiring at this time. Connect the Fuel Pick up and return lines before you Jack the tank completely home.  
Firstly secure the outside of the tank with OE strap bolts, then secure the inboard rear with M10 x 30mm bolt spring and flat washer with 20 x 20 Square washer and the plate with the M10 nut welded to it. Once these mounts are secure check for clearance. Drill the front inboard mount and secure with M10 x 80mm bolt and the folded bracket support plate with Nyloc nut and washers.

5. Use the 400mm length of 8mm hose to connect the two 8mm elbows for the air balance line at the front of the tank. Connect fill and fast fill hoses. Screw the Brass screen into the P10 hose barb, connect this to the 1000mm 6mm line that comes from the roll over valve, run this line up into the filler neck area make sure it points down and secure with cable tie. **(Ref Pic 2)**
6. Fix the park brake cable to the front of the spring hanger bracket with the 13mm P Clip and M6 x 20mm Bolt washers and Nyloc Nut **(Ref Pic 3)**.
7. Refit drive shaft and refit wheel arch cover. Fill with fuel and check over all hoses and fittings.



## FITTING KIT CONTENTS IDMAXDCR

<b>Brass</b>	
<ul style="list-style-type: none"> <li>○ 2 x P6 5/16 x 1/4 Elbow</li> <li>○ 1 x P6 5/8 x 3/8 Elbow</li> <li>○ 1 x 2921 - 04 Brass Screen</li> <li>○ 1 x P10 0404 Hose Barb</li> </ul>	
<b>Bolts / Nuts</b>	<b>Misc Parts</b>
<ul style="list-style-type: none"> <li>○ 1 x M10 x 30mm Bolt</li> <li>○ 1 x M10 x 80mm Bolt</li> <li>○ 3 x M10 x 25mm Washer</li> <li>○ 1 x M10 Spring Washer</li> <li>○ 1 x M10 Nyloc Nut</li> <li>○ 1 x M6 x 20mm Bolt</li> <li>○ 2 x M6 Nyloc Nut</li> <li>○ 2 x M6 x 11mm Washers</li> <li>○ 6 x M5 x 8mm Cap Screws</li> <li>○ 6 x M5 Washers</li> </ul>	<ul style="list-style-type: none"> <li>○ 1 x Bracket Plate with M10 Nut Welded</li> <li>○ 1 x Folded Bracket Plate</li> <li>○ 1 x 20 x 20 x 3mm Square washer with 10.5mm Off Set Hole</li> <li>○ 1 x Magnet</li> <li>○ 1 x Roll Over Valve</li> <li>○ 1 x Rollover Valve Grommet</li> <li>○ 1 x Hold Down Ring</li> </ul>
<b>Hose</b>	<b>Cable Ties</b>
<ul style="list-style-type: none"> <li>○ 1 x 6mm Fuel Hose @ 1000mm</li> <li>○ 1 x 8mm EFI Hose @ 400mm</li> <li>○ 1 x 16mm Conduflex @ 350mm</li> <li>○ 1 x 13mm Conduflex @ 600mm</li> <li>○ 1 x 10mm Conduflex @ 600mm</li> </ul>	<ul style="list-style-type: none"> <li>○ 4 x 7" Ties</li> </ul>
<b>Hose Clamps</b>	<b>6 Pages Fitting Instructions Consisting of:</b>
<ul style="list-style-type: none"> <li>○ 2 x 1/4" Clamps</li> <li>○ 2 x EFI Clamps</li> <li>○ 1 x 16mm Rubber lined P clip</li> <li>○ 2 x 13mm Rubber lined P clip</li> </ul>	<ul style="list-style-type: none"> <li>○ 2 x Pages Fitting Instructions</li> <li>○ 1 x Page Fitting Kit Contents</li> <li>○ 1 x Page Fittings Installation Drawing</li> <li>○ 2 x Pages Reference Pictures</li> </ul>

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

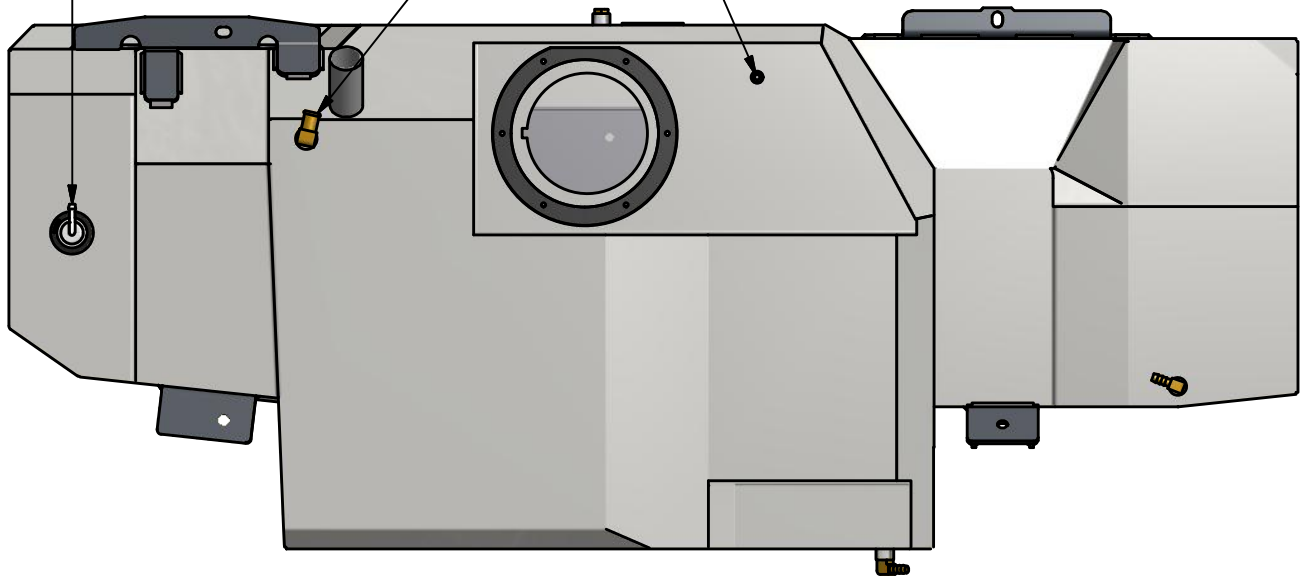
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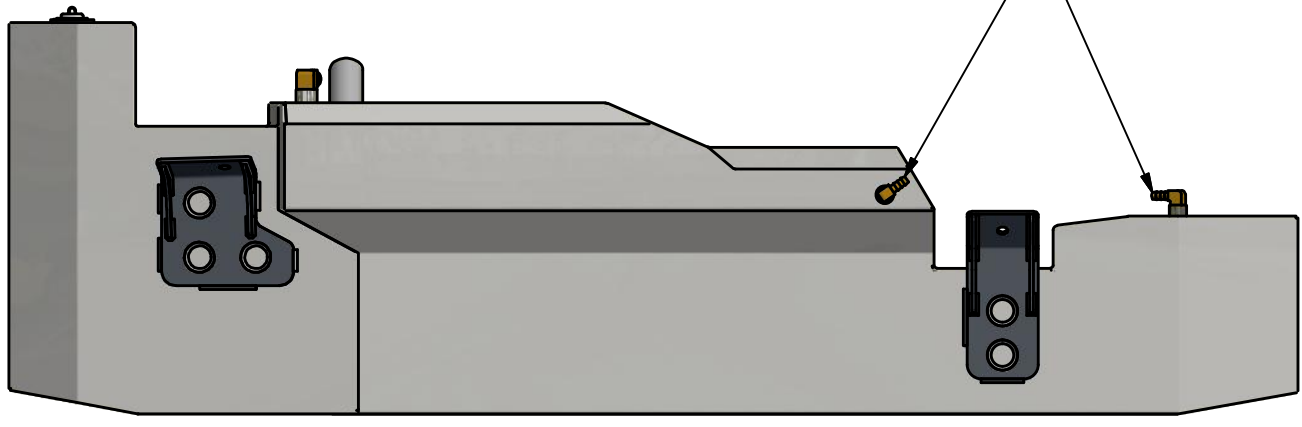
Secure Pick up and return lines  
with the 16 and 13 P clips.

Rollover valve.

P6- 5/8x3/8



2x P6- 5/16x1/4.

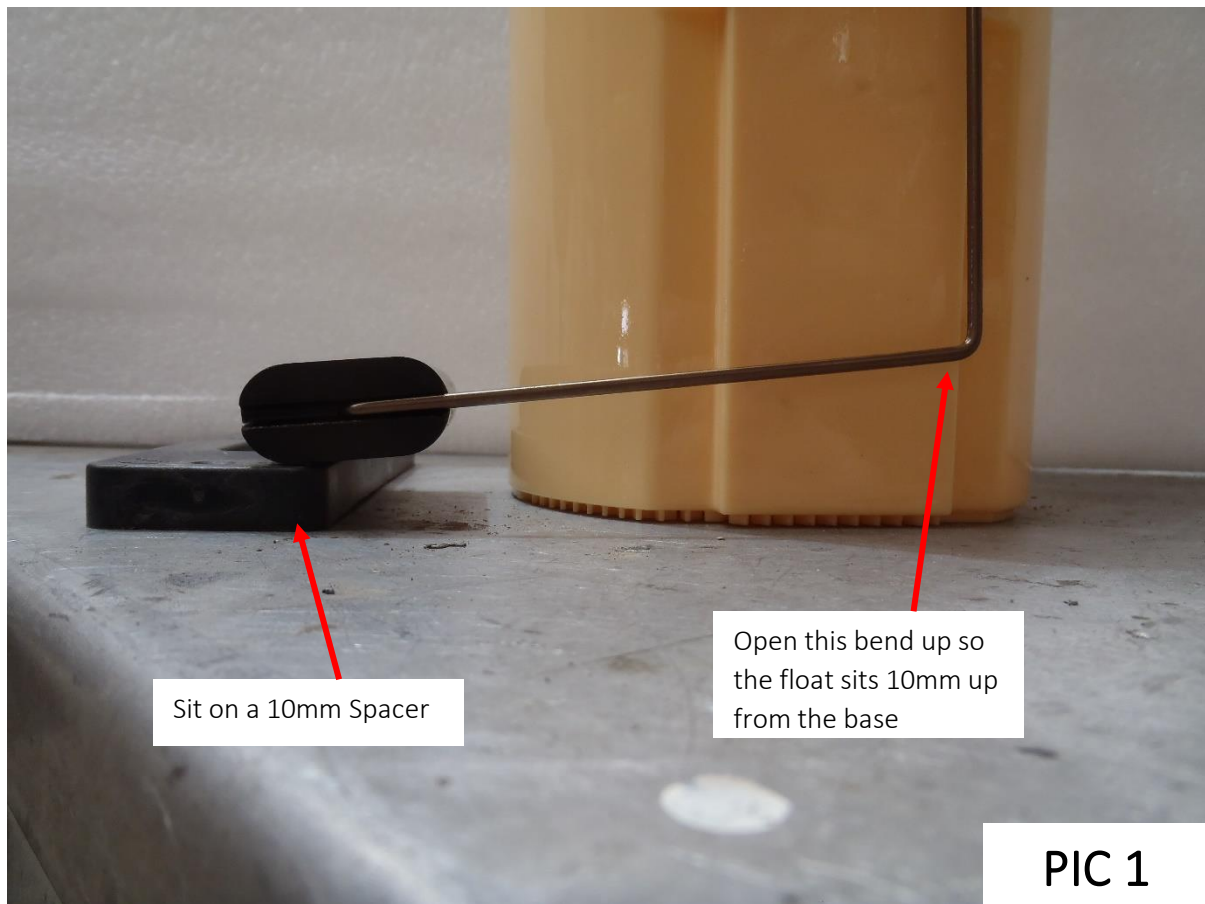


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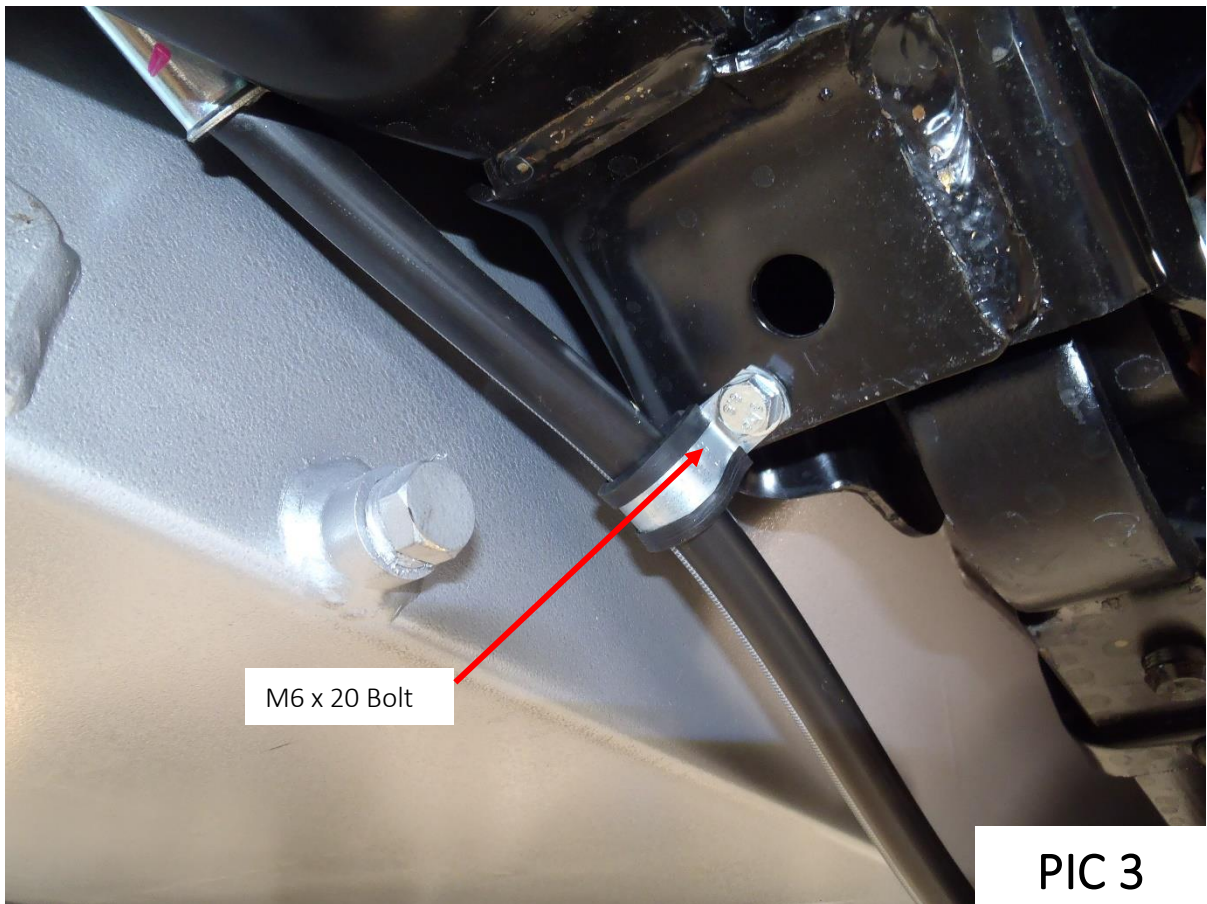
IDMAXDCR

25/3/2021.

Isuzu DMAX 2020 replacement tank.







PIC 3