



## Installation Instructions for TTUNDRACR Toyota Tundra 175lt Replacement Tank

1. Disconnect filler and fast fill vent hoses at the tank and the vent line at front of left hand rear wheel arch. Disconnect pick up and return lines. Support tank and remove straps. Lower tank partially down and unclip sender and pump wiring from tank. Remove tank.
2. Fitting of new front mount New front mount will be located on the left hand chassis rail just behind where the exhaust crosses over between two slotted holes. Use the round hole in the rail for bracket location. (Ref Pic 1) Bolt in place with M10 x 30 bolt washer and nyloc. Unclip the 2 top lines just in front of bracket, move down temporarily, while you drill 4 holes 8.5 diameter. To mount to inside of rail secure with 4 M8 x 30 bolts, washers and nylocs. Reclip the 2 lines lowered for drilling. (Ref Pic 2) Open up the 2 inboard strap pin mounts to 10.5mm.
3. Fit fuel pump and sender assembly to tank. Using BS 357 O-ring hold down ring and M5 x 10mm pan head screws with spring and flat washers, use slot in flange to locate the rotation of pump. Fit the 13mm Conduflex over the pick-up and return lines. (Ref Pic 3) Fit the FLVV to the tank with the M5 x pan head screws and spring washers. (Ref Pic 3)
4. Fit the grommet and roll over valve and point it towards the pump assembly. Connect the 800mm length of 6mm fuel hose to the FLVV. Do not connect to roll over as yet because the line has to pass over front cross member after the tank is in position. Fit the 680mm length of 19mm hose to the FLVV. Screw the P6 5/16 x 1/4 elbow into tank near filler. Point slightly towards front side of filler. Connect the 420mm length of 8mm hose to elbow.

Fit the 2 P6 1/2 x 1/4 elbows to drive shaft side of tank. Point slightly upwards. (Ref Pic 4). The 255mm length of 12mm fuel hose will be connected after installation. Glue the two rubbers 280mm x 120mm to top of tank where the straps are located.

5. Jack tank into position feeding 6mm hose over front cross member and 19mm hose over rear cross member. Stop before tank is completely home and connect pump assembly wiring and pick up and return lines and roll over valve. Feed front mount on top of secondary bracket and jack tank home. Fit new straps with M10 x 100 bolts and nylocs on drive shaft side of tank and OEM bolts on chassis side. Check clearance at front of tank to floor. Secure front mount with M10 x 30 bolts, washers and nylocs.

6. Remove 19mm connector from OEM tank and refit to carbon canister. Connect 19mm hose to this fitting using 1" clamp. Fit 20mm Conduflex over cross member edge to protect this hose. Connect filler hose to tank using OEM clamp. Remove 8mm connector from OEM tank and fit to new 8mm line and connect in wheel arch. Fit 1/2" balance line and secure with clamps.
7. Fill with fuel and check for leaks



## FITTING KIT CONTENTS TTUNDRACR

Updated 9/23 - TL

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<b>Brass</b>		
<ul style="list-style-type: none"> <li>○ 1 x P6 5/16 x 1/4 Elbow</li> <li>○ 2 x P6 1/2 x 1/4 Elbow</li> <li>○ 1 x 3/8 x 3/4 x 1/4 Tee (In FLVV)</li> </ul>		
<b>Bolts / Nuts</b>	<b>Misc Parts</b>	
<ul style="list-style-type: none"> <li>○ 4 x M8 X 25mm Bolt</li> <li>○ 3 x M10 X 30mm Bolt</li> <li>○ 2 x M10 x 100mm Bolt</li> <li>○ 8 x M8 x 20mm Washer</li> <li>○ 6 x M10 x 25mm Washer</li> <li>○ 4 x M8 Nyloc Nut</li> <li>○ 5 x M10 Nyloc Nut</li> <li>○ 12 x M5 x 10 Pan Head Screws</li> <li>○ 12 x M5 Spring Washers</li> <li>○ 6 x M5 Washers</li> </ul>	<ul style="list-style-type: none"> <li>○ 1 x Roll Over Valve (No screw)</li> <li>○ 1 x LRA-FTG-2</li> <li>○ 1 x BS357 O-Ring</li> <li>○ 1 x FLV 80-19-06 Valve</li> <li>○ 1 x BS 337 O-Ring</li> <li>○ 1 x Front Secondary Bracket</li> <li>○ 1 x Pump Hold Down Ring</li> <li>○ 2 x 3mm 120 x 285 Rubber</li> <li>○ 1 x Spring Loaded Back Flow Valve (Installed in tank)</li> <li>○ 1 x Strap Rubber @ 700mm</li> <li>○ 1 x Strap Rubber @ 640mm</li> <li>○ 1 x Tank Strap Front</li> <li>○ 1 x Tank Strap Rear</li> </ul>	
<b>Hose</b>	<b>4 Pages Fitting Instructions Consisting of:</b>	
<ul style="list-style-type: none"> <li>○ 1 x 6mm Hose @ 800mm</li> <li>○ 1 x 8mm Hose @ 500mm</li> <li>○ 1 x 19mm Hose @ 680mm</li> <li>○ 1 x 12mm Hose @ 255mm</li> <li>○ 2 x Conduflex 13mm @ 300mm</li> <li>○ 1 x Conduflex 20mm @ 380mm</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 Ref Pictures 1-4</li> </ul>	
<b>Hose Clamps</b>		
<ul style="list-style-type: none"> <li>○ 4 x 1/4" Hose Clamp</li> <li>○ 2 x 1/2" Hose Clamps</li> <li>○ 2 x 1" Hose Clamps</li> </ul>		

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

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

