



**Installation Instructions for FRDCPYR  
Ford Ranger PY / Volkswagen Amarok NF  
140lt Replacement Tank**

1. Remove the tank shield, unbolt the module from the top of the rear of the OE tank. Disconnect the pickup and return lines from the front of the tank. Support the tank and remove the OE tank straps. Lower the tank enough to unplug the sender unit, disconnect the filler hose and the 15mm vent line at the tank. (The 15mm vent line will not be reused.) Remove the tank.
2. Fit the 2-piece secondary bracket into the slot where the OE front strap used to fit, place the M10 x 40mm Bolt and washer into position. **(Refer Pic 1)**
3. Drill an 11mm hole in the center of the front crossmember 35mm to the LHS from the edge of the OE hole **(Refer Pic 2)**
4. Remove the fuel pick up assembly from the OE tank. Carefully remove the float arm from the assembly and remove the float from the arm then refit to the new float arm. Check the full to empty range = 180 OHM @ empty and 10 OHM @ full **(Refer Pic 3)**. Fit to the tank the new BS 357 O/Ring, Hold down ring and M5 x 8mm cap screws. Ensure you can see the locator tag through the witness marks in the hold down ring **(Refer Pic 4)**. Cover the pickup and return lines with 500mm of CF10 Conduflex. Fix lines to the front of the tank with 2 x 13mm P clips and M6 Nyloc Nut and washer. Fit 8mm and 16mm EFI Blank of caps to the sender unit.
5. Fit the FLVV to the tank using the BS337 O/Ring and secure with M5 x 10mm Cap screws and washers. Fit the Roll over valve to tank with the grommet and point towards the FLVV. Connect the Roll over valve to the FLVV with 110mm of the 6mm hose and clamps. Fit remaining 8mm brass fittings and connect the balance line with 175mm of the 8mm hose and clamps **(Refer Pic 5)** Fit 400mm of 16mm fuel hose to the FLVV. Use the Male bayonet connector from the OE 15mm Plastic line on the end of this hose. **(Refer Pic 6)**

6. Begin to jack the tank into position, guide the filler hose onto the neck. Connect the sender unit wiring and feeding the 16mm hose up towards the connector. Do up the filler hose clamp before you jack the tank home. Secure the tank with OE strap bolt for the LHR, new M10 x U-bolt for the RHR, M10 x 30 fine thread flanged bolt and 60 x 60 plate with nut for the LHF and the M10 x 40mm Bolt Washers and Nyloc nut. Check all clearances and tighten all bolts.
7. Fit the module to the rear of the tank onto the M6 studs with the OE nuts.
8. Connect the Pickup and return lines at the front of the tank.
9. Connect the 16mm FLVV line to the bayonet connector.
10. Fill the tank with fuel, check all hoses and connections.

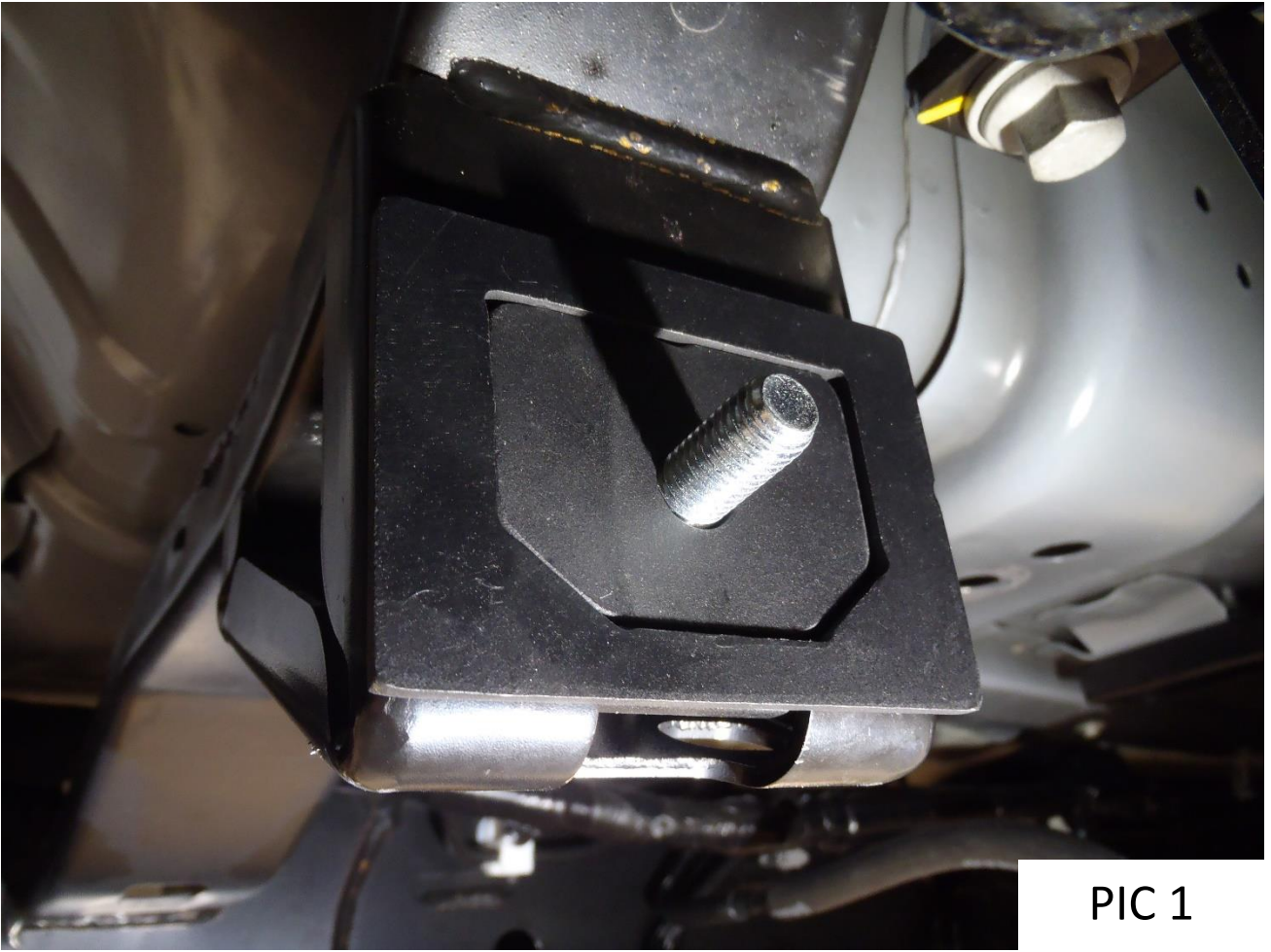


## FITTING KIT CONTENTS FRDCPYR

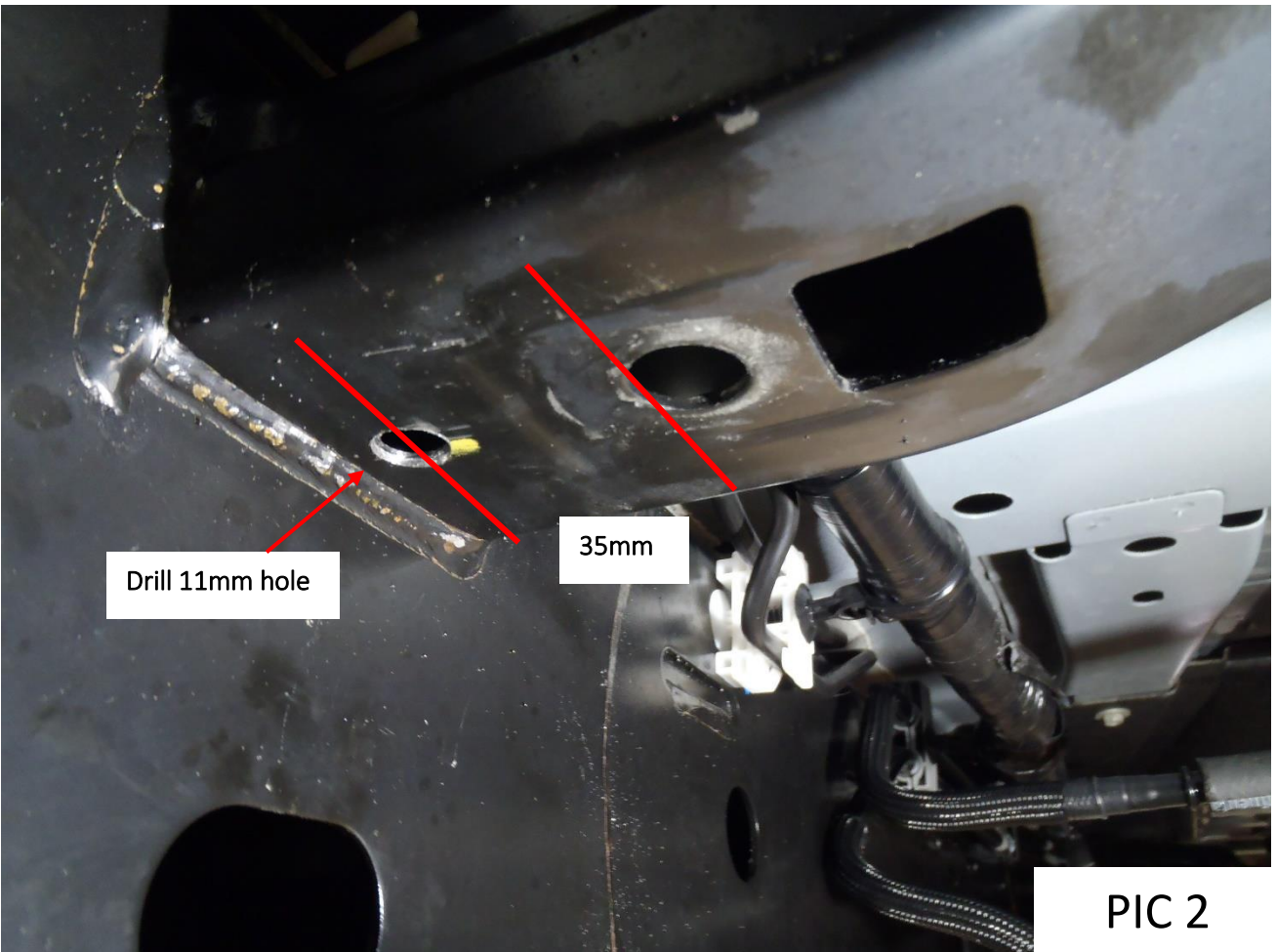
<b>Brass</b>	<b>Cable Ties</b>
<ul style="list-style-type: none"> <li>○ 1 x P6 5/16 x 1/4 8mm Elbow</li> <li>○ 1 x P3 5/16 x 1/4 8mm Straight</li> </ul>	<ul style="list-style-type: none"> <li>○ 2 x 7" Cable Ties</li> </ul>
<b>Bolts / Nuts</b>	<b>Misc. Parts</b>
<ul style="list-style-type: none"> <li>○ 1 x M10 x 40mm Bolts</li> <li>○ 4 x M10 x 25mm Washers</li> <li>○ 3 x M10 Nyloc Nuts</li> <li>○ 1 x M6 Nyloc Nut</li> <li>○ 1 x M6 x 10 Washer</li> <li>○ 6 x M5 x 8mm Cap Screws</li> <li>○ 6 x M5 x 10mm Cap Screws</li> <li>○ 12 x M5 Washers</li> <li>○ 1 x M10 U Bolt 125mm L x 90mm W</li> <li>○ 1 x M10 x 30mm Flanged Bolt 1.25P</li> </ul>	<ul style="list-style-type: none"> <li>○ 1 x FV11 Roll Over Valve</li> <li>○ 1 x LRA-FTG2 Roll Over Grommet</li> <li>○ 1 x FRPX4 Hold Down Ring</li> <li>○ 2 x Secondary Brackets (For Front RHS)</li> <li>○ 1 x 60 x 60 x 4 Plate with M10 1.25P Nut</li> <li>○ 1 x FLV 60 16-06</li> <li>○ 1 x BS 337 ORING</li> <li>○ 1 x BS 357 ORING</li> <li>○ 1 x Back Flow Valve (Fitted to Tank)</li> <li>○ 1 x 16mm EFI Blank Off</li> <li>○ 1 x 8mm EFI Blank Off</li> <li>○ 1 x PX4 Float Arm</li> </ul>
<b>Hose</b>	<b>6 x Pages Instructions Consisting Of:</b>
<ul style="list-style-type: none"> <li>○ 1 x 6mm Fuel Hose @ 110mm</li> <li>○ 1 x 8mm Fuel Hose @ 175mm</li> <li>○ 1 x 16mm Fuel Hose @ 400mm</li> <li>○ 2 x 10mm Conduflex @ 500mm</li> </ul>	<ul style="list-style-type: none"> <li>○ 2 x Page Fitting Instructions</li> <li>○ 1 x Page Fitting Kit Contents</li> <li>○ 3 x Pages Reference Photos 1-6</li> </ul>
<b>Hose Clamps</b>	
<ul style="list-style-type: none"> <li>○ 4 x 1/4 Hose Clamps</li> <li>○ 2 x 5/8 Hose Clamps</li> <li>○ 1 x 13mm P Clip</li> </ul>	

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

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



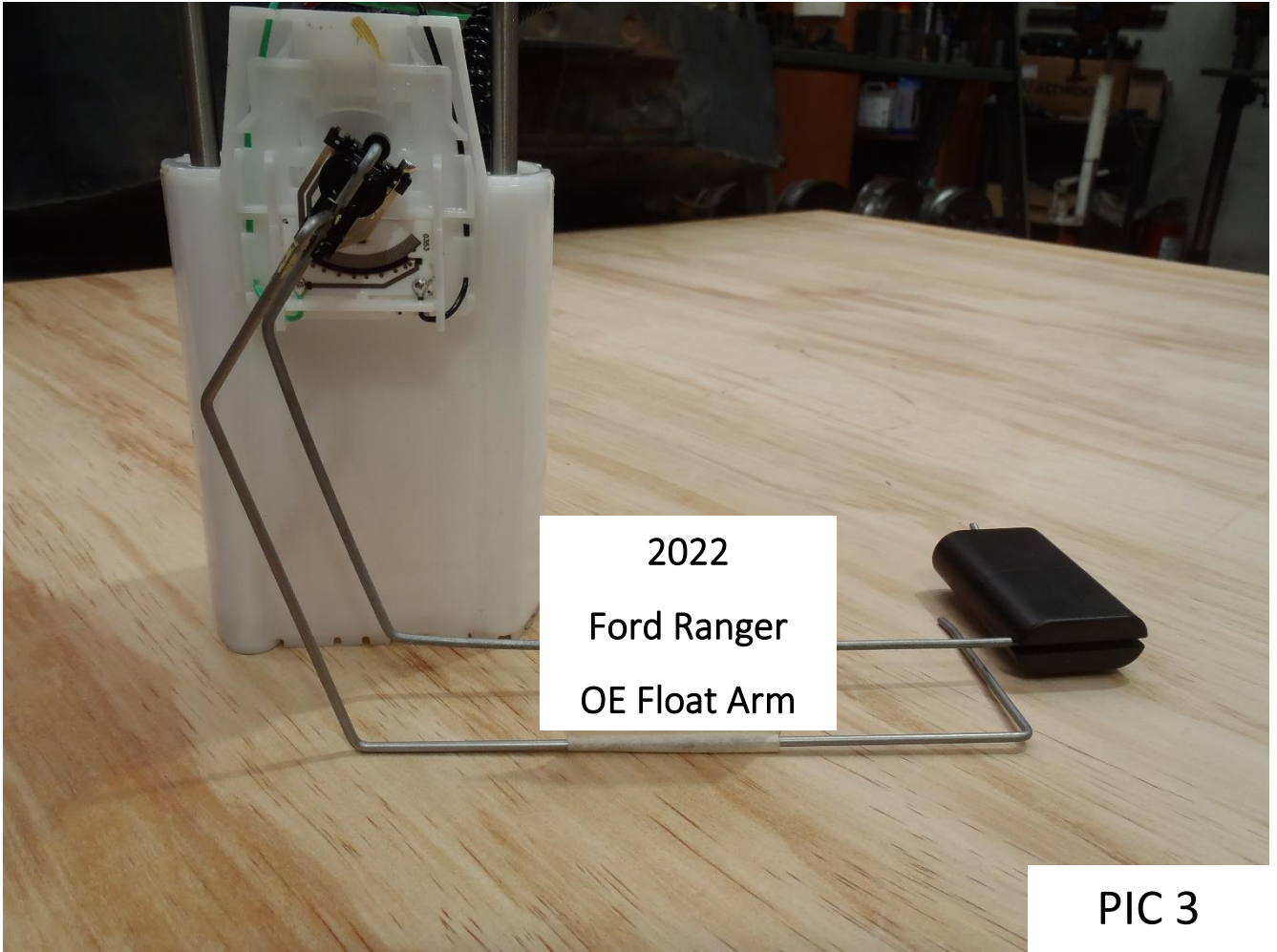
PIC 1



Drill 11mm hole

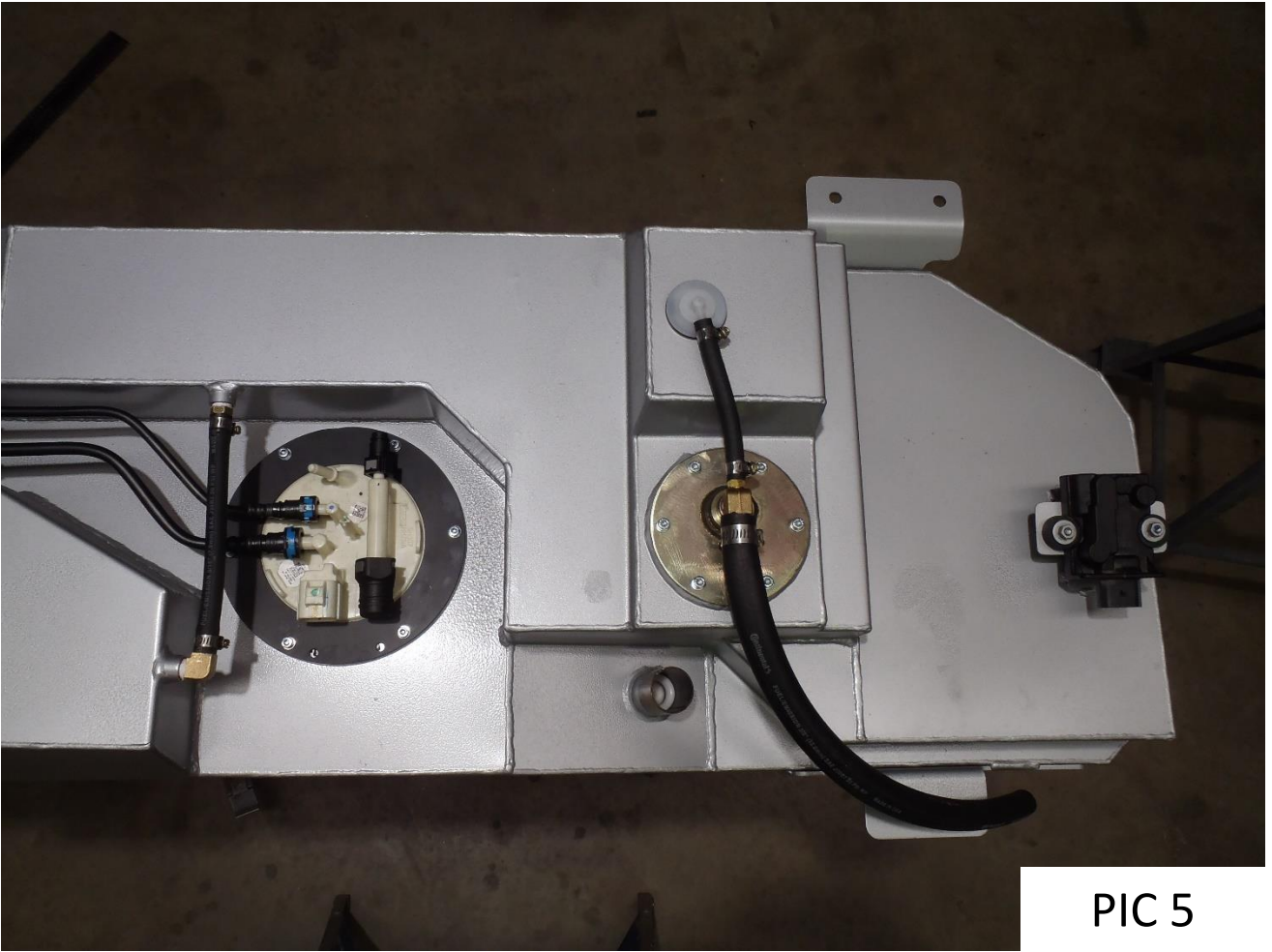
35mm

PIC 2



PIC 3





PIC 5



PIC 6