Installation Instructions for TH126DR
Toyota HILUX GUN126 Series
140lt Replacement Tank

1. Unbolt the drive shaft from the diff and center bearing and tie of to one side out of the way. Remove original fuel tank (you will need to unclip the wiring loom from the tank as you carefully lower the tank down).
2. Cover the exposed sections of the wiring loom with 530mm and 400mm lengths of CF13 Conduflex. Wiring loom must go over the original tank cross member and cable tie neatly in position.
3. Front secondary bracket. Drill the two factory holes located near the chassis rail in the LHS of the center bearing cross member out to 10.5mm. Fix bracket in place with M10 x 25mm bolts with spring and flat washers, feed the M10 nuts welded to straps through the oval hole in the cross member. Use Loctite. (Ref Pic 1)

4. Remove the fuel pick up/sender unit assembly from the standard tank. Carefully UN clip the float arm from the unit, remove the float from the original arm and fit to the new float arm. You will need to put the retaining washer on and peen the end to keep the washer in place. (Ref Pic 2) Use a 2.5mm Drill bit to carefully resize the center hole where the float arm clips in as the STD arm is slightly under 2.5mm. (Ref Pic 3) On the sender unit trim off the two sections of the locating tabs that point down. (Ref Pic 4)

5. Fit the magnet to the tank. Check that the float arm just touches the bottom. Place pick up/sender unit with modified float arm together with O-Ring into the new tank and secure with new hold down Ring and 6 x M5 x 8mm Cap Screws and Washers.

6. Slide the 400mm lengths of CF7 and CF10 Conduflex over the fuel pick up and return lines. Fit the Grommet and Roll Over valve to the new tank and point towards the LHR corner of the tank. (Point the valve towards the RHS if fitting to a factory tray model) Fit the original vent line to the valve (the end with the slight bend in it). Screw the two P6 12mm Elbows into the fittings on the Drive Shaft side of the tank, pointing towards each other. Fit the 300mm length of 12mm hose to the front elbow only at this point. Fit the P6 5/8 x 3/8 Elbow into the socket on the LHS and point forward. (Ref Pic 5)

7. Begin to Jack the tank into position carefully feeding the fuel lines over the top of the two cross members and the park brake cable. Be care full not to stress the fittings

where they connect to the sender unit. (You will also need to connect the sender unit wires at this point). Bolt the tank into position. Use Loctite on all Non Nyloc bolts. LHR use one of the original M10 1.25 Bolts. LHF M10 Nyloc and Heavy Duty Washer. RHR M10 U-bolt Nyloc nuts and Washers. RHF you must put the center bearing mount back into position and use the 4mm spacer on the RHS to make up for the thickness of the tank bracket. Secure the center bearing with M10 x 30mm 1.25 Fine thread bolts and spring +H/Duty washers.

8. Secure the Cable loop with M10 x 50mm 1.25 Fine thread bolt spring and flat washers + spacer on the LHS and original bolt on the RHS. Use the two M10 x 30mm Bots with washers and Nyloc nuts on the two remaining front holes. (Ref Pic 6)

9. Connect the 12mm balance line to the rear elbow. Carefully bend the steel pick up and return lines so they point more to the rear of the vehicle and connect the original lines. Bolt the wiring loom bracket to the M8 stud that is welded to the top of the tank with M8 Nyloc and washer.

10. Cut 50mm from the large end of the original fast fill hose and fit to vehicle. Cut 45mm from the tank end of the original fill hose and fit to vehicle.

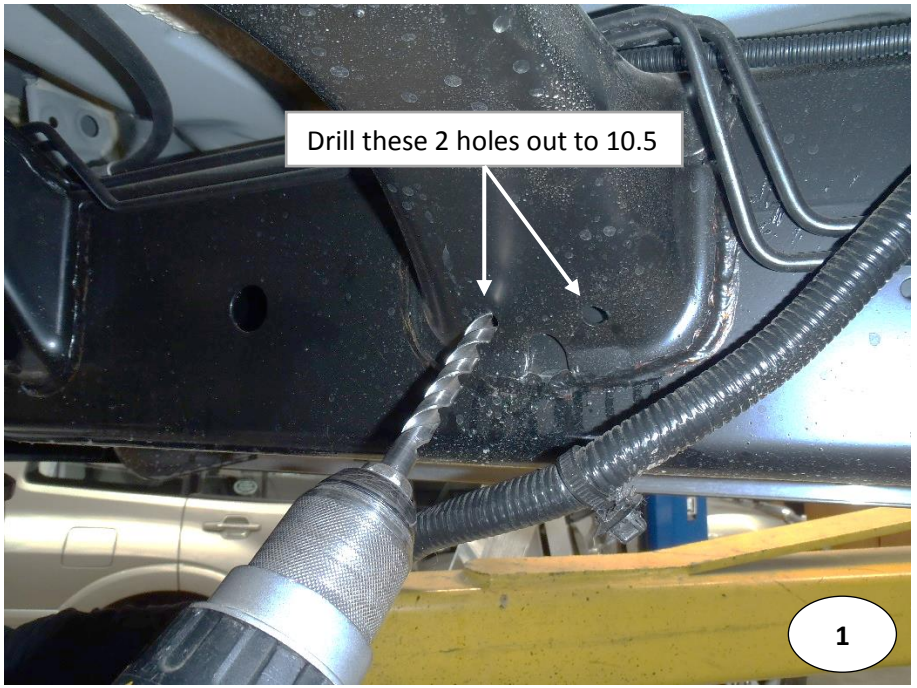
11. Connect the original 8mm vent line from the roll over valve to the vent line on the filler neck. (Use the 440mm length of 8mm hose if fitting to a factory tray back vehicle and reconnect to the vent valve end cap) (Ref Pic 7 Ute, Ref Pic 8 Tray)

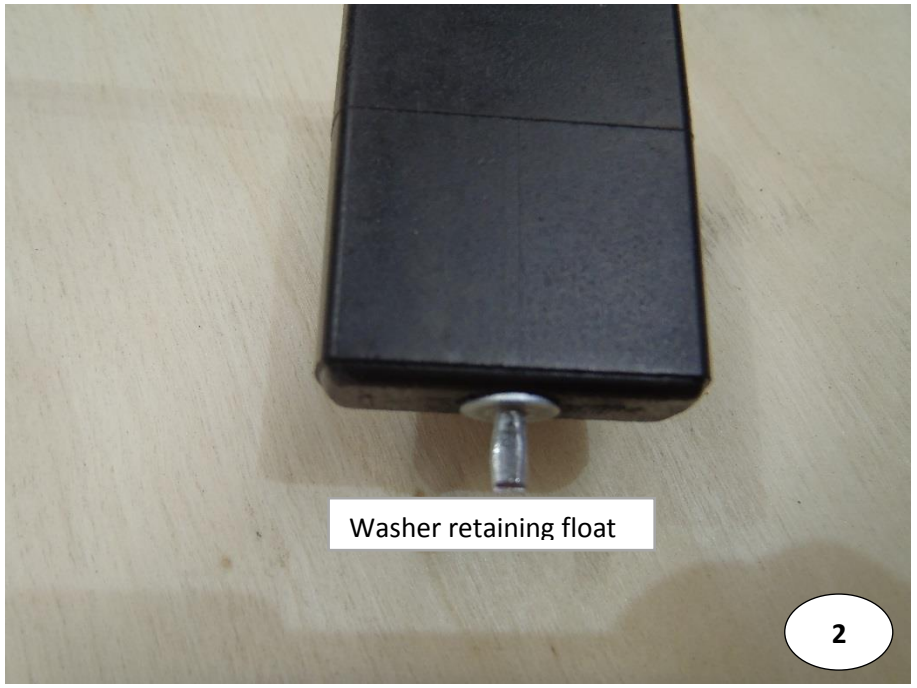
12. Check all clearances of hoses, wiring and tank. Refit drive shaft and fill with fuel.

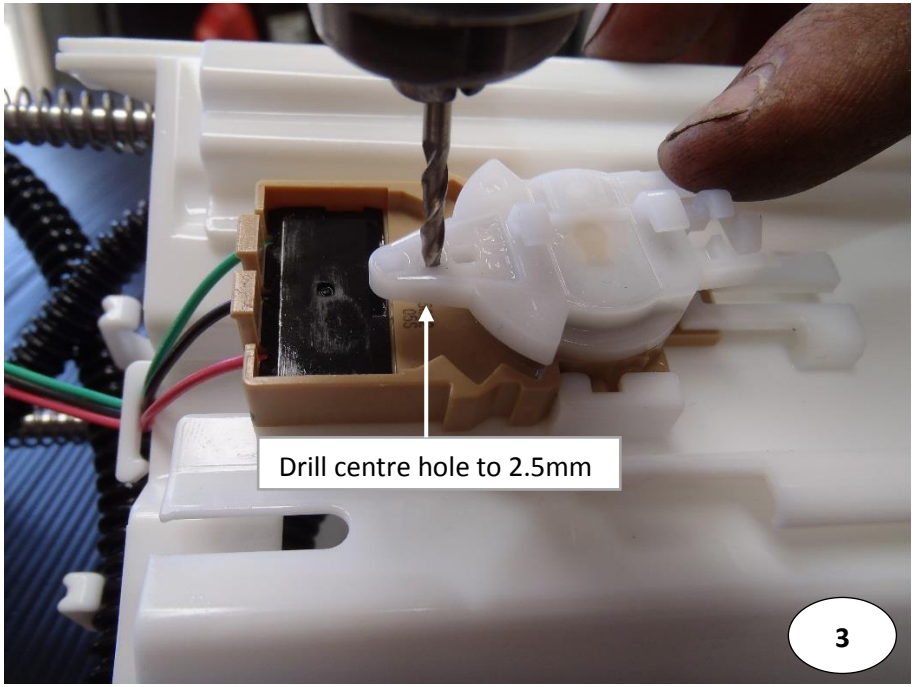
FITTING KIT CONTENTS TH126DR

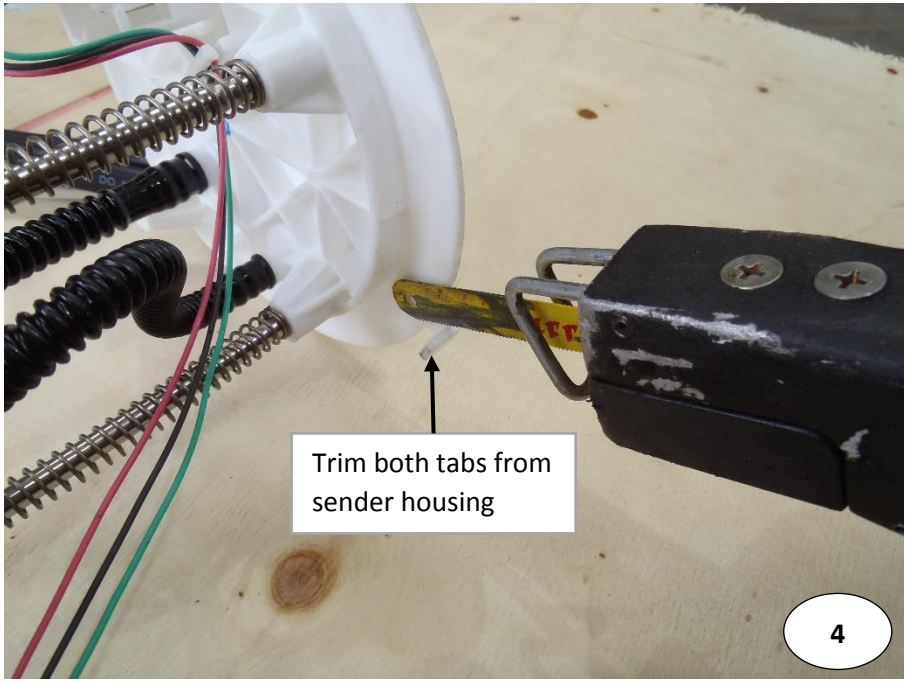
Brass:	Electrical:
○ 2 x P6 1/2 x 1/4 12mm Elbow ○ 1 x P6 5/8 x 3/8 16mm Elbow	○ 1 x CF13 Conduflex @ 530mm ○ 1 x CF13 Conduflex @ 400mm ○ 1 x CF10 Conduflex @ 400mm ○ 1 x CF7 Conduflex @ 400mm
Bolts / Nuts:	**Misc Parts:**
○ 6 x M5 X 8mm Cap Screws ○ 6 x M5 X 10mm Washers ○ 1 x M8 Nyloc ○ 1 x M8 x 20mm Washer ○ 5 x M10 Nyloc Nuts ○ 6 x M10 X 25mm Flat Washers ○ 5 x M10 Spring Washer ○ 3 x M10 x 27mm 3mm H/D Washer ○ 1 x M10 X 50mm x 1.25 Fine Bolt ○ 2 x M10 x 30mm x 1.25 Fine Bolt ○ 2 x M10 x 30mm Bolt ○ 2 x M10 x 25mm Bolt	○ 1 x Hold Down Ring ○ 1 x Secondary Bracket with M10 x 30mm bolt welded ○ 1 x 4mm Center Bearing Spacer ○ 1 x Roll Over Valve with 8mm sleeve ○ 1 x LRA-FTG-2 ○ 1 x 1/4 BSP socket spacer ○ 1 x TH126DR 2.5 Wire float arm ○ 1 x M10 U Bolt ○ 2 x M10 Nut with 200mm Strap welded
Hose Clamps:	**Hose:**
○ 2 x 1/4" Hose Clamp ○ 2 x 1/2" Hose Clamps	○ 8mm Fuel Hose @440mm ○ 12mm Fuel Hose @ 300mm
Cable Ties:	**5 Pages of Fitting Instructions Consisting of:**
○ 5 x 7" Ties	○ 2 x Pages Fitting Instructions ○ 1 x Page Fitting Kit Contents ○ 2 x Pages Ref Pic 1-8

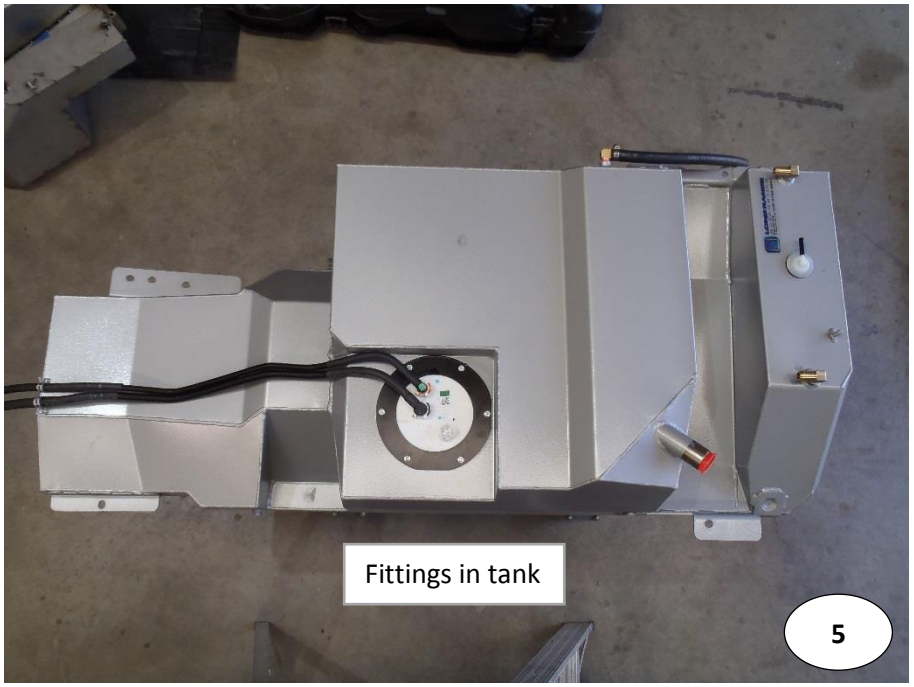
Kit Packed By_____ Checked By _____

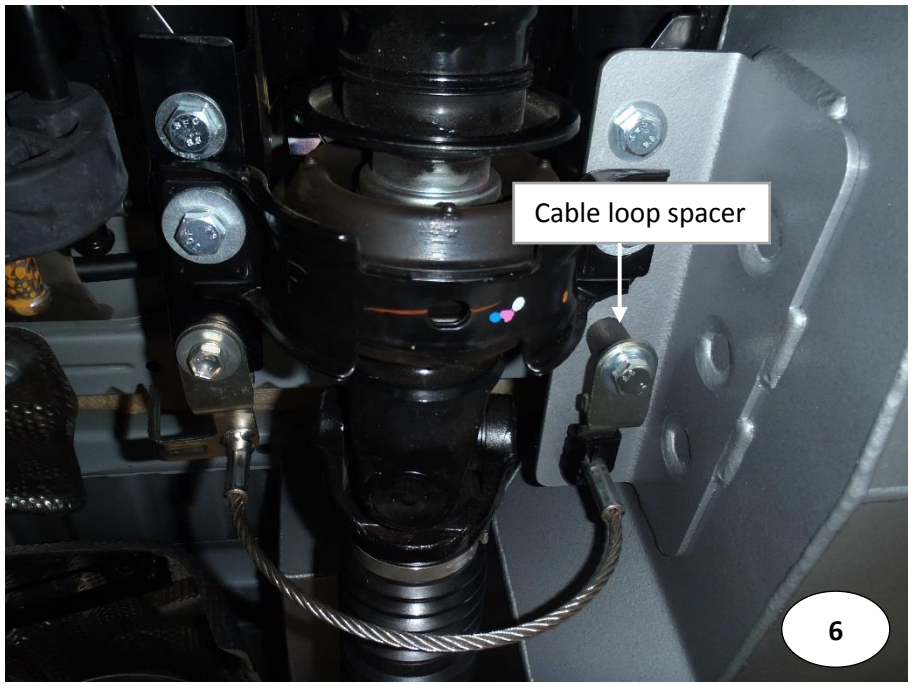

Drill these 2 holes out to 10.5
1

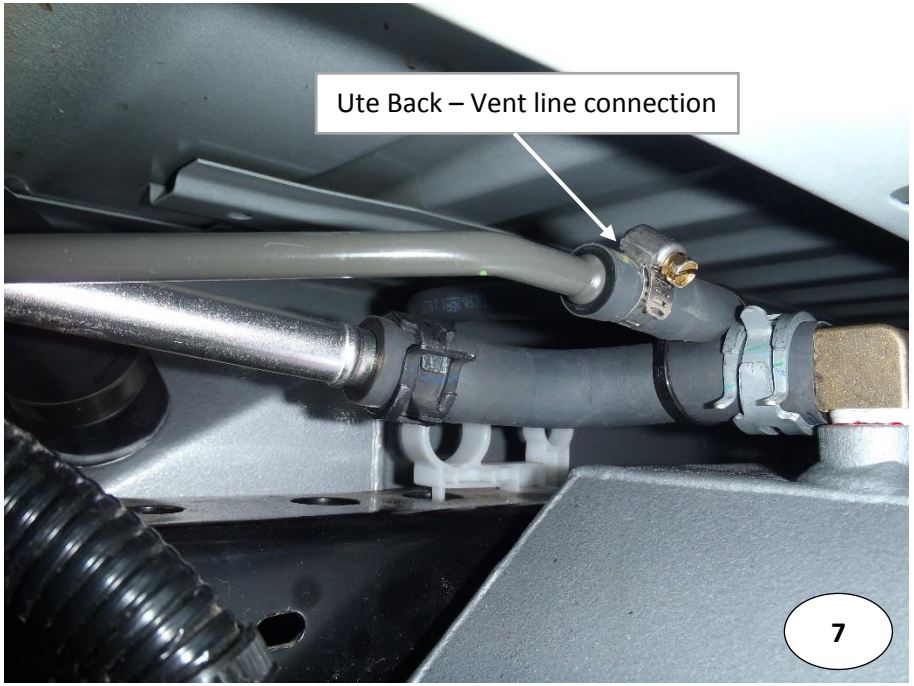

Washer retaining float
2

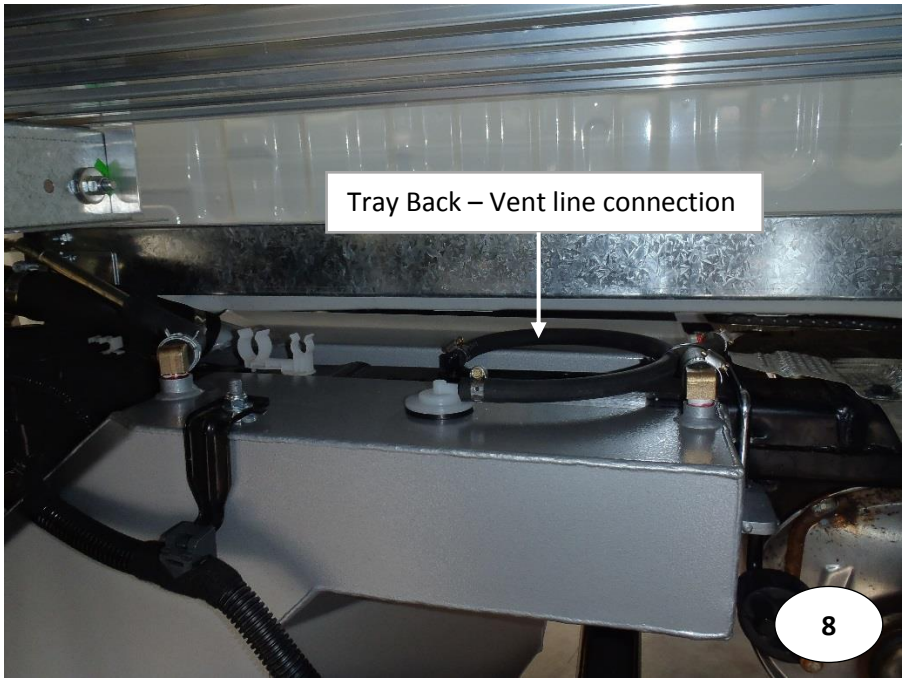

Drill centre hole to 2.5mm
3


Trim both tabs from sender housing
4


Fittings in tank
5


Cable loop spacer
6


Ute Back – Vent line connection
7


Tray Back – Vent line connection
8