



Installation Instructions for
TLC100IFSERR
Toyota Landcruiser UZJ 100 IFS EFI
160lt Rear Replacement Tank

This tank is a replacement for the original 50L Sub Tank. Removal of the spare wheel is required. This will need to be mounted on a rear wheel carrier.

1. Remove the spare wheel and spare wheel carrier. Also remove spare wheel rests that are bolted to the cross members. Remove the standard fuel tank and mounting straps. Remove the exhaust tail pipe assembly and unbolt the exhaust hanger from the chassis rail. From the floor pan remove the rounded tank locating bracket that is spot welded to the RHS floor pan to allow for clearance to the new tank (**Refer Pic 1**)
2. Install the front secondary bracket to the cross member with 2 x M8 x 25mm bolts with spring and flat washers. The other 2 holes will need to be drilled and use the 2 x M8 x 25mm bolts with 150mm straps attached and Nyloc nuts with washers to fix in place. (**Refer Pic 2**)
3. Install the rear mounting bar in position and secure with 6 x M8 x 25mm bolts with spring and flat washers and drill the rear hole and secure with M8 x 25mm bolt on 300mm strap washers and Nyloc nuts (**Refer Fitting-1 Diagram**)
4. Remove the sender unit from the original tank and extend the float arm by 240mm (the wire in the fitting kit is 260mm long to allow for a 10mm overlap on each join) Check the full and empty OHMS reading of the sender before and after fitting to the new tank to ensure trouble free gauge operation.
5. Remove the fuel pump assembly from the original tank and re-work the fuel pump cradle (**Refer Diagrams 1 and 2**). Refit to new tank.
6. Screw the P3 1/2 x 1/4 straight fitting into the socket next to the filler neck. Install the original fuel pick up and return lines to the fuel pump.
7. Lift the tank into position (Be careful not to damage fuel pick up and return lines) Secure with M10 Nyloc nuts and washers and M12 x 30mm bolts washers and Nyloc nuts. Connect all hoses and wiring. Refill fuel and check all hoses and fittings.



FITTING KIT CONTENTS TLC100IFSERR

Updated 07/2020

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Brass	Electrical
<ul style="list-style-type: none"> ○ 1 x P3 1/2 x 1/4 Straight 	<ul style="list-style-type: none"> ○ 1 x Blue 3mm Single Core Wire @ 240mm ○ 1 x Black 3mm Single Core Wire @ 240mm ○ 4 x Fuel Resistant Head Shrink Tube @ 30mm
Bolts / Nuts	Misc Parts
<ul style="list-style-type: none"> ○ 8 x M8 x 25mm Bolts ○ 2 x M8 x 25mm Bolts w/ 150mm Strap ○ 2 x M8 x 25mm Bolts w/ 300mm Strap ○ 12 x M8 x 25mm Washers ○ 8 x M8 x Spring Washer ○ 4 x M8 Nyloc Nuts ○ 2 x M10 x 25mm Washers ○ 2 x M10 Nyloc Nuts ○ 2 x M12 x 30mm Bolts ○ 2 x M12 Nyloc Nuts ○ 4 x M12 Washers 	<ul style="list-style-type: none"> ○ 1 x 8mm Bundy tube @ 205mm long ○ 1 x 2.5mm rod @ 260mm long ○ 1 x Front Secondary Bracket ○ 1 x Rear Mounting Bar IFS ○ 1 x Fuel Pump Cradle Extension Bracket 245mm Long
Hose	Cable Ties
<ul style="list-style-type: none"> ○ 2 x 8mm In Tank fuel hose @ 40mm ○ 1 x 38mm Fuel Hose @ 50mm (use as pump insulator) 	<ul style="list-style-type: none"> ○ 3 x 7" Cable Ties ○ 2 x 11" Cable Ties
Hose Clamps	5 Pages Fitting Instructions Consisting Of:
<ul style="list-style-type: none"> ○ 2 x 5/16 EFI Clamps ○ 2 x 1/2" Hose Clamps ○ 1 x 11/4" Hose Clamp 	<ul style="list-style-type: none"> ○ 1 x Page Fitting Instructions ○ 1 x Page Fitting Kit Contents ○ 1 x Pages Pump Modification Diagram ○ 1 x Page Rear Mounting Bar Diagram ○ 1 x Page Reference Pictures

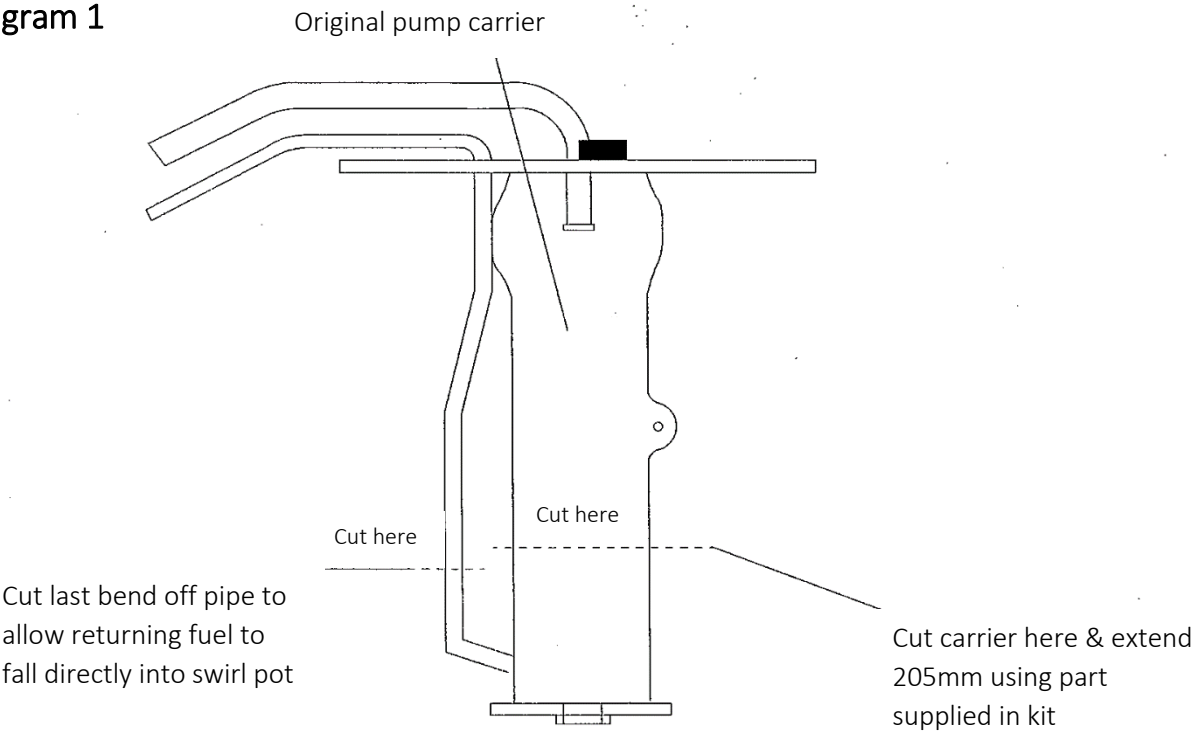
Kit Packed By_____

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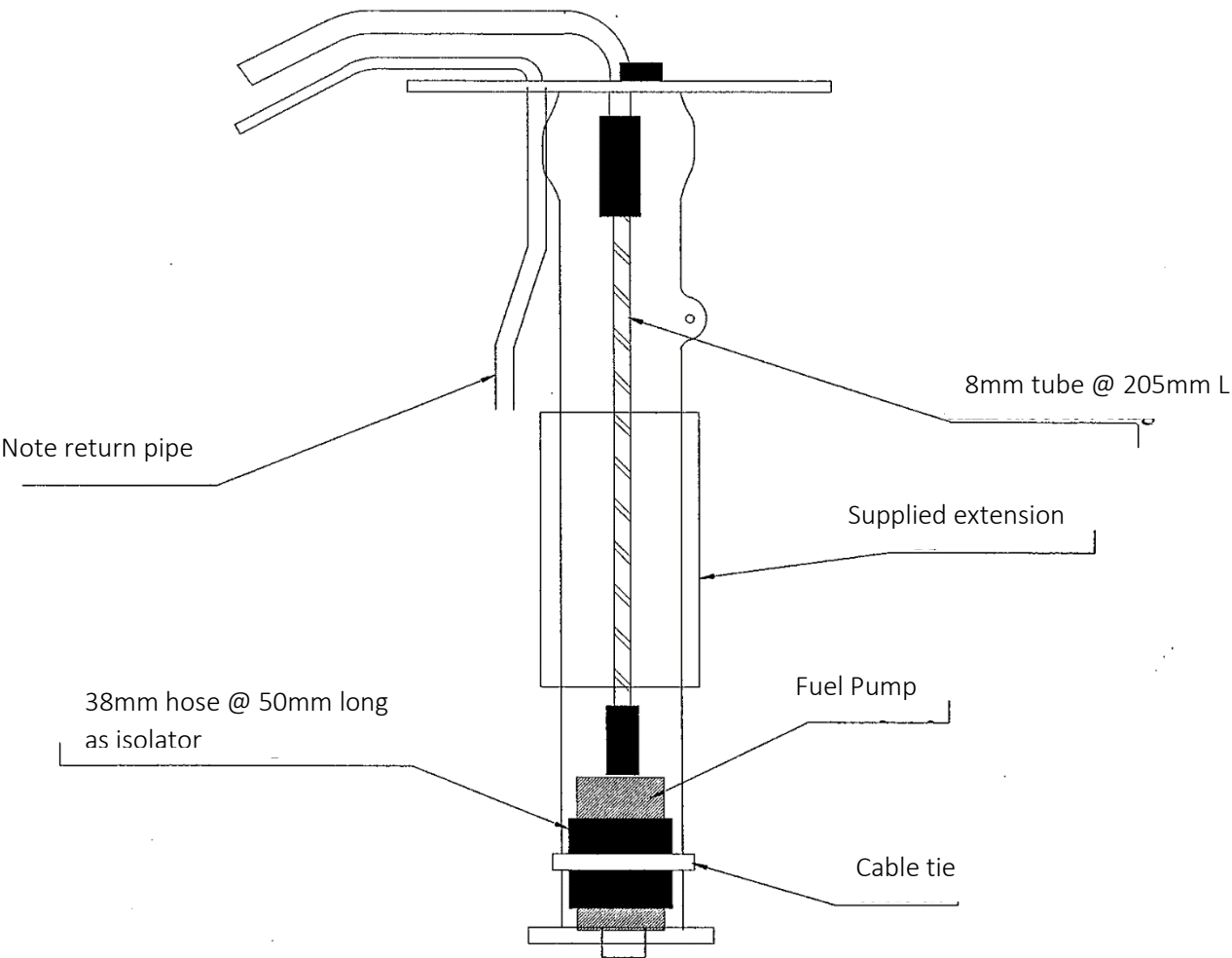
TLC100IFSERR FITTING INSTRUCTION PHOTOS



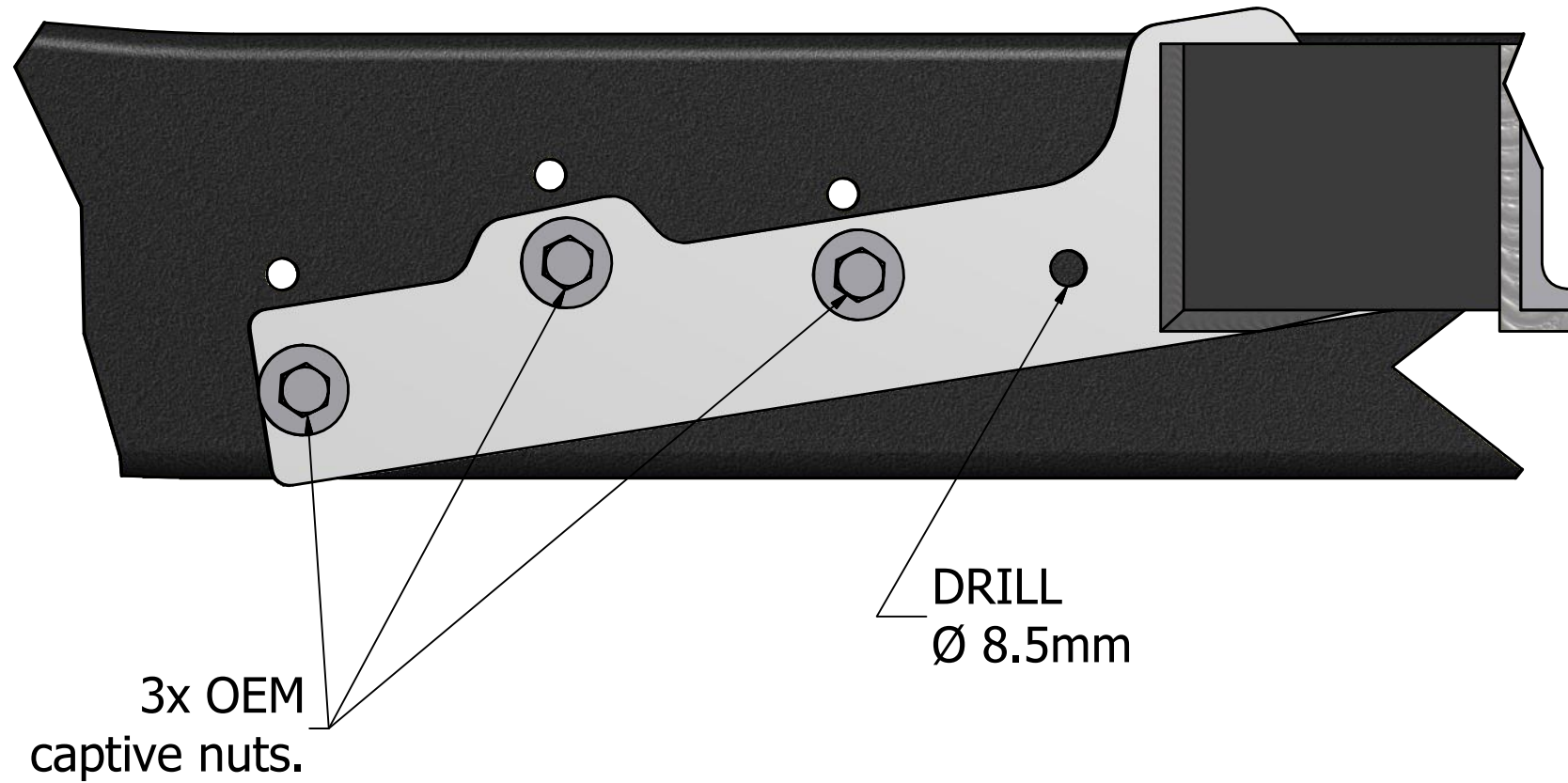
Pump Modification
Diagram 1



Pump Modification
Diagram 2



R/H CHASSIS RAIL.



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LONG RANGE AUTOMOTIVE AND IS NOT TO BE DUPLICATED
WITHOUT PERMISSION



TLC100IFSERR

FITTING-1

Toyota Landcruiser 100 series IFS
160lt rear replacement tank.