



Installation Instructions for TF156RA-KRB Toyota Fortuner GUN156R – Kaymar Rear Bar 120lt Auxiliary Tank

1. Carry our wiring of the PG200 switch gauge unit, suggested switch location is into one of the switch blanks, it will just fit but you need to be careful (Refer Pic 1). Run the twin core under the RHS scuff plates to the rear of the vehicle for later connection to the transfer pump and sender unit. A 12V ignition source can be found bind the glove box, pink wire (Refer Pic 2).
2. Remove the spare wheel and wheel winch. Remove the wheel arch cover from around the filler neck. Disconnect the fill, fast fill and vent line hoses from the STD tank. Cut the filler and fast fill tubes as shown (Refer Pic 3 A-D) you cannot get the filler out without cutting it. Cut the M6 Stud from the floor brace near the fill pipe. (Refer Pic 4).
3. Cut 35mm from the STD fill hose and refit the section of fill pipe and fast fill tube with 650mm length of 12mm Fuel Hose back in position. Fit 1100mm length of 8mm Fuel hose to the main tank vent line. Mount the Transfer pump to its mounting bracket and bolt in position using M6 x 20mm bolt spring and flat washer (Refer Pic 5). Fit 1100mm length of 8mm fuel hose to the outlet of the transfer pump, then neatly cable tie these hoses to the fill pipe (Refer Pic 6). Complete the wiring of the pump and run the sender wire for later connection.
4. Assemble the fittings into the new twin filler neck. 2 x P6 1/2 x 3/8 elbows go into the underside filler box pointing in the direction of the fill pipes. 1 x P3 5/16 x 1/8 straight goes into the main tank fill pipe. (Refer Pic 7). Fit the filler neck into position and connect to the main tank fill pipe with 100m of 35mm fuel hose.
5. Screw the fittings into the tank (Refer Pic 8). Fit 700mm length of 1/2" fuel hose to the P3 1/2" x 3/8 straight fitting and the 240mm length of 8mm fuel hose to the P6 5/16 x 1/4 elbow.

6. Bolt the rear mounting bar in position with the M12 x 40mm fine thread bolts spring and flat washers. (Refer Pic 9).
7. Jack the tank into position connect the sender unit wire as you go. Secure the front with the 3 x M10 U bolts with washers and Nyloc nuts. Secure the rear with 2 x M12 x 30mm bolts washers and Nyloc nuts.
8. Now fit the intermediate pipe to the filler and the auxiliary tank with the 35mm fuel hose. Check the alignment of the filler and do up all the clamps.
9. Using the original filler neck bracket and the bracket extension from the kit secure the fill pipe in position. The 8mm vent line from the main tank needs to run up to the top of the filler and then point down with the P10 Vent fitted. (Refer Pic 10).
10. Connect the Main and Auxiliary tank fast fill vent lines along with the 8mm fuel pump transfer line to the filler. Use the CF20 and the CF16 Conduflex to protect these hoses where they run between the body and the chassis.
11. Check over all hose and fittings neatly cable tie all hoses and wiring. Replace the wheel arch cover.



FITTING KIT CONTENTS TF156RA-KRB

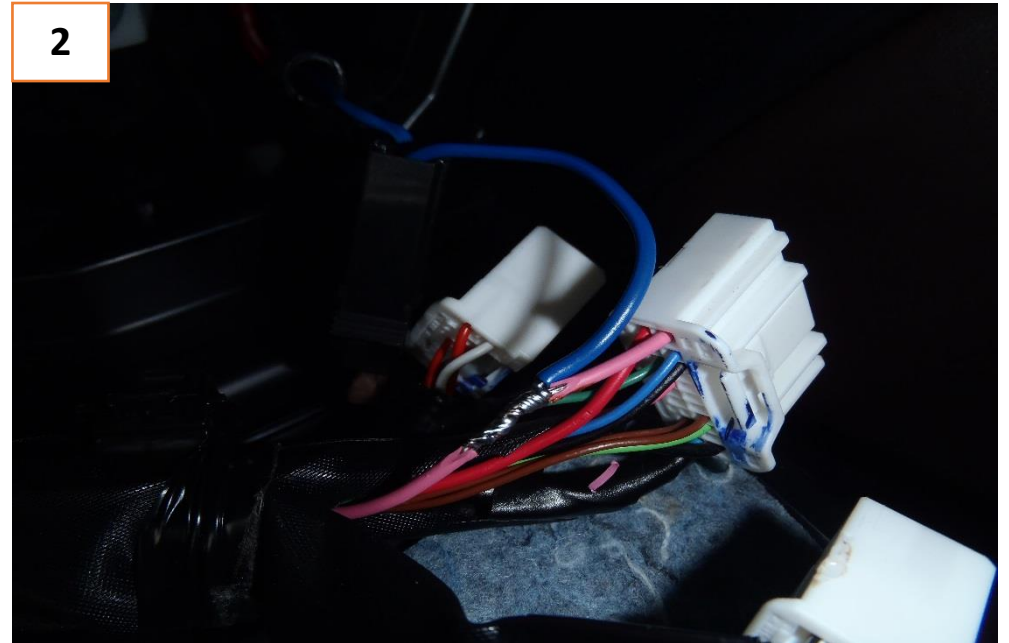
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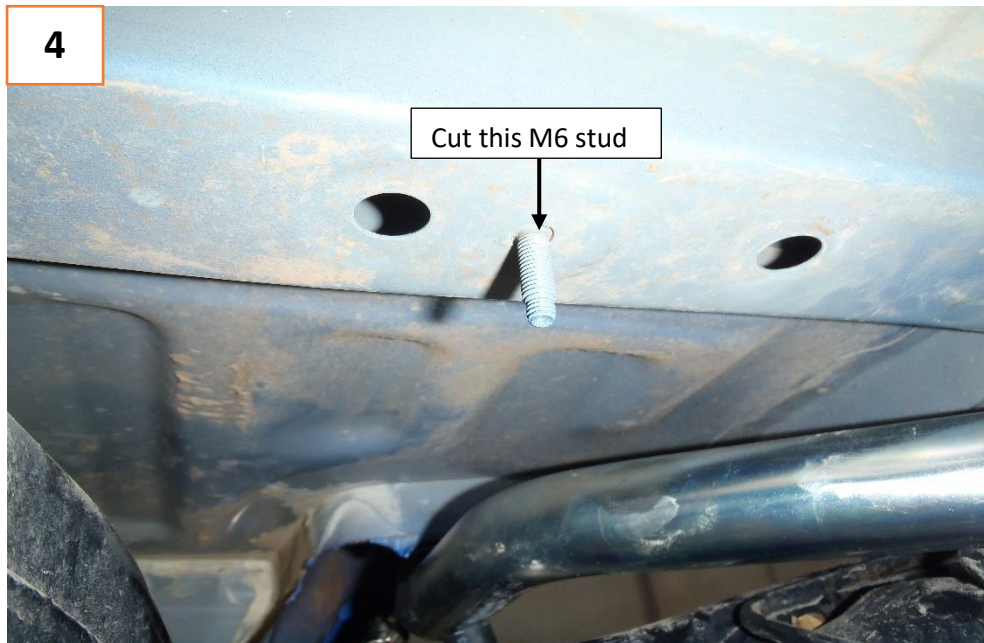
Brass	Electrical
<ul style="list-style-type: none"> ○ 1 x P6 5/16 x 1/8 Elbow ○ 1 x P6 5/16 x 1/4 Elbow ○ 1 x P3 1/2 x 3/8 Straight ○ 2 x P6 1/2 x 3/8 Elbows ○ 1 x P3 5/16 x 1/8 Straight ○ 1 x P10 5/16 x 1/4 ○ 1 x 2921-04 	<ul style="list-style-type: none"> ○ 1 x LRA-PG200 ○ 1 x Fuse Holder ○ 2 x Fuse Holder Terminals ○ 1 x 5 AMP Fuse ○ 1 x 3mm Black Single Core @ 1200mm ○ 1 x 3mm Two Core @ 5000mm ○ 1 x Red Insulated Terminal ○ 2 x 6mm Blue Eye Terminals ○ 3 x 3mm Shrink Tubes @ 30mm ○ 1 x 7mm Conduflex @ 3000mm ○ 1 x 3/16 x 5/16 Grommet
Bolts / Nuts	Misc Parts
<ul style="list-style-type: none"> ○ 2 x M12 x 30 Bolts ○ 8 x M12 H/Duty Washers ○ 2 x M12 Nyloc Nuts ○ 4 x M12 x 50mm Fine Thread Bolts ○ 4 x M12 Spring Washers ○ 6 x M10 x 25 Washers ○ 6 x M10 Nyloc Nuts ○ 1 x M8 Flange Nut ○ 2 x Tek Screws 30 Long ○ 1 x M6 x 20mm Bolt ○ 1 x M6 x 20mm Washer ○ 1 x M6 Spring Washer ○ 1 x M6 Nut 	<ul style="list-style-type: none"> ○ 1 x TF156RA-KRB Mounting Bar ○ 1 x Fill Pipe Mount Extension Bracket ○ 1 x TFTF156RA Twin Filler ○ 1 x FPTF156RA Fill Pipe ○ 5 x Toyota Wheel Arch Clips ○ 3 x M10 x 85mm U Bolts @ 100mm ○ 2 x 4mm Rear Bar Spacers
Hose Clamps	Cable Ties
<ul style="list-style-type: none"> ○ 6 x 1/4 Hose Clamps ○ 4 x 1/2 Hose Clamps ○ 6 x 1 1/4 Hose Clamps 	<ul style="list-style-type: none"> ○ 10 x 7" Cable Ties ○ 5 x 11" Cable Ties

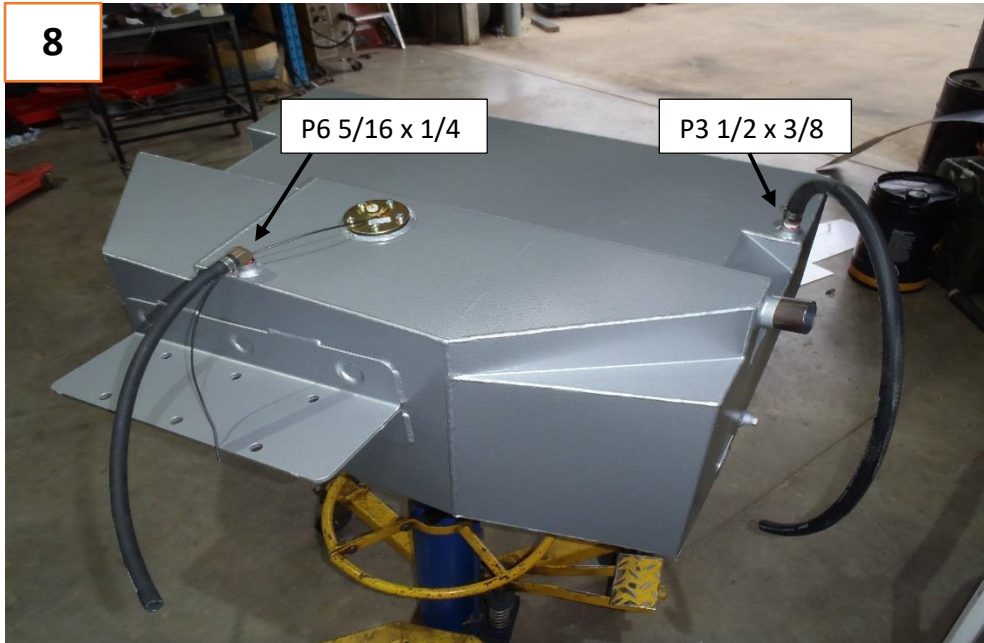
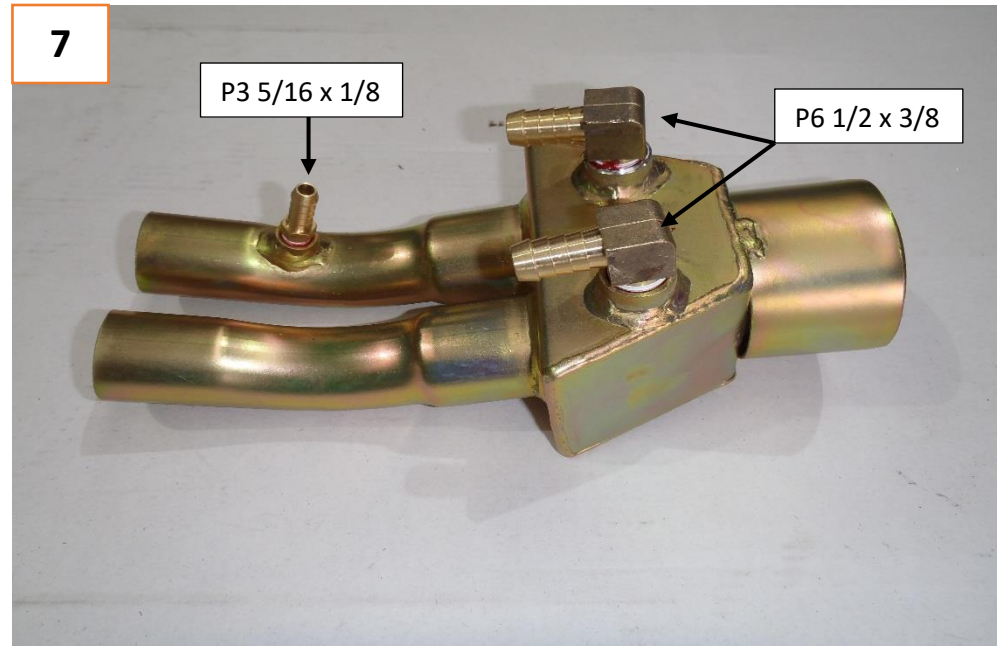
Hose	Instructions
<ul style="list-style-type: none"> ○ 1 x 8mm Hose @ 240mm ○ 2 x 8mm Hose @ 1100mm ○ 3 x 35mm Hose @ 100mm ○ 1 x 12mm Fuel Hose @ 650mm ○ 1 x 12mm Fuel Hose @ 700mm ○ 2 x CF20 Conduflex @ 200mm ○ 1 x CF16 Conduflex @ 200mm 	<ul style="list-style-type: none"> ○ 2 x Pages Fitting Instructions ○ 2 x Pages Fitting Kit Contents ○ 3 x Pages Fitting Instructions Pictures ○ 1 x Page WDSGPG210 Diagram
Sender	Filters & Pumps
<ul style="list-style-type: none"> ○ 1 x 0-90 OHM Sender Unit 	<ul style="list-style-type: none"> ○ 1 x Fuel Pump ○ 1 x Fuel Pump Mounting Bracket

Kit Packed By _____

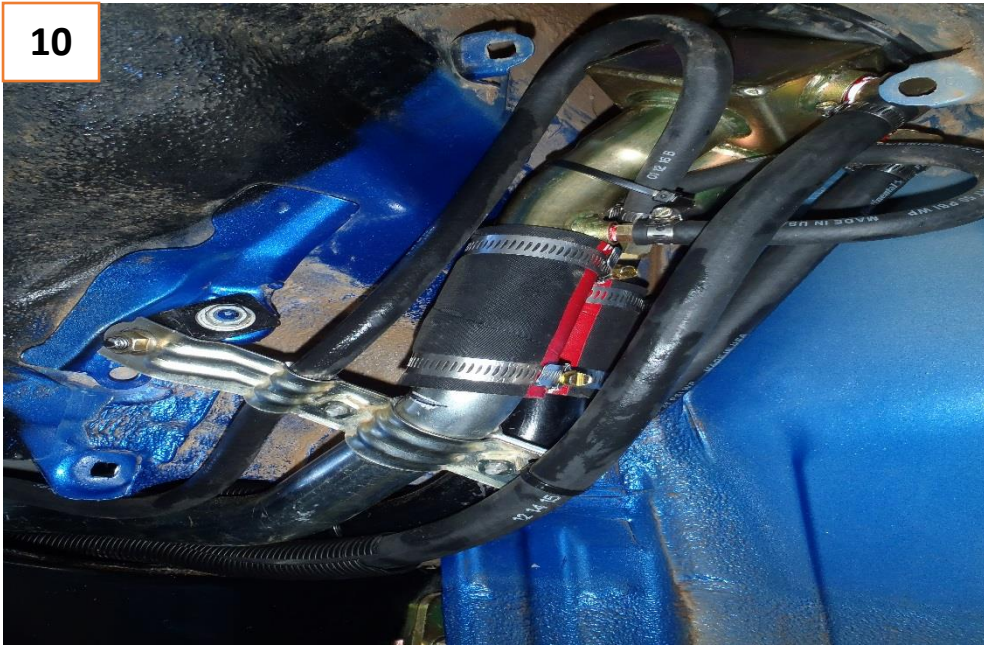
Kit Checked By _____

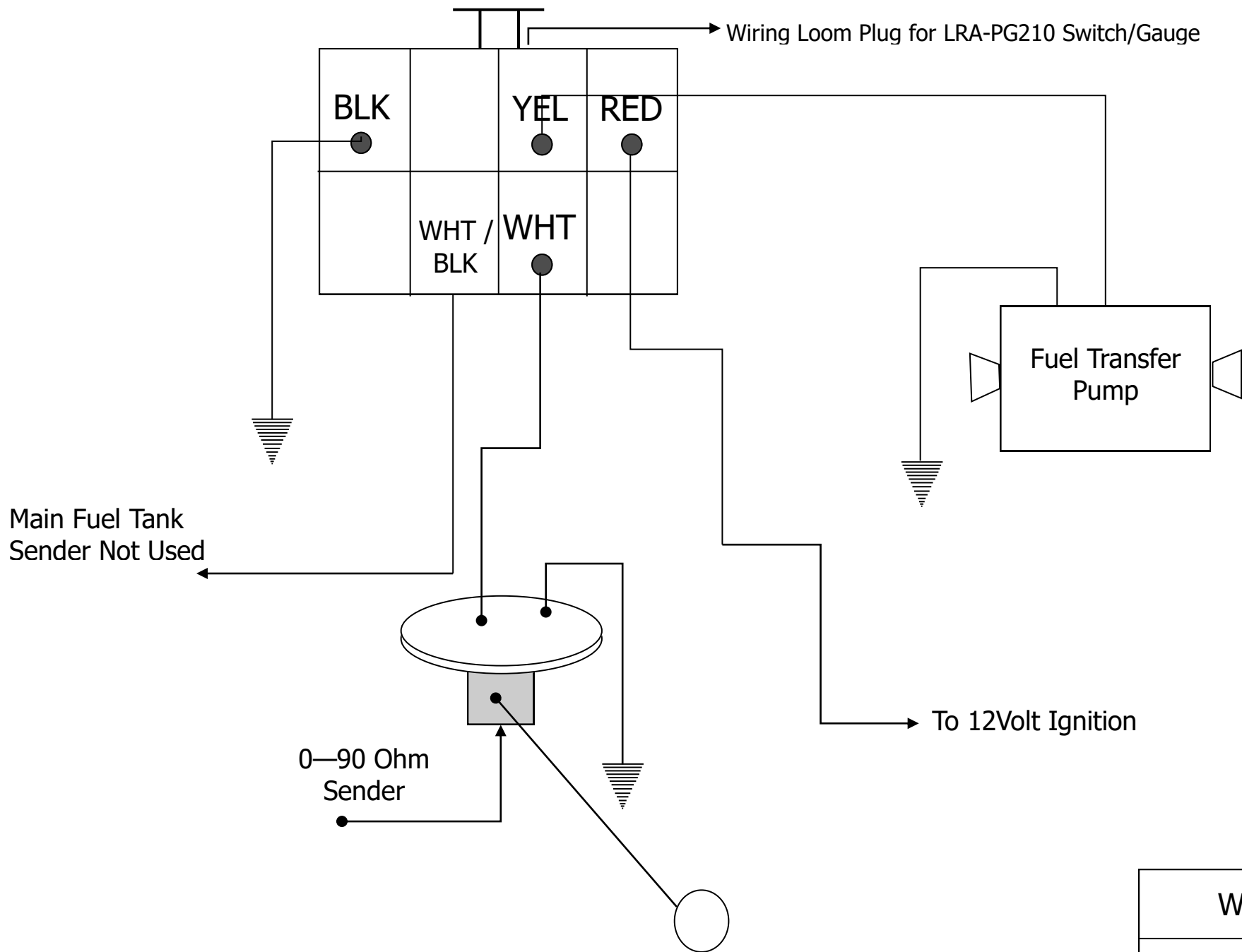






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