1994 – 1998 Land Rover Defender 130 31.7 Gallon replacement tank instructions

Product Information/Install Instructions for

Land Rover Defender 130

Kit P/N LDEF300DCR



	Updated 15/6/23 - TL
Brass: ○ 2 x P3 1/2 x 1/4 Barb Straight ○ 1 x 1/4 Plugs ○ 1 x 1/2 Y Piece	Electrical:
Bolts / Nuts: ○ 2 x M8 x 40 Bolts with 1/2 Wire Welded On ○ 4 x M8 x 25 Flat Washers ○ 16 x M8x20 Flat Washers ○ 10 x M8 Nyloc Nuts ○ 8 x M8x25 Bolts ○ 1 x M6 x 20 Bolt ○ 1 x M6 Plain Nut ○ 1 x M6 Flat Washer ○ 10 x M5 x 6mm Cap Screws ○ 2 x 8mm Spacers	Misc Parts: ○ 2 x Sway Bar Extension Blocks ○ 1 x Fuel Pick Up Hold Down Ring ○ 1 x 2.5mm Rod @ 75mm
Hose Clamps: ○ 2 x 1/4 Hose Clamps ○ 5 x 1/2 Hose Clamps ○ 2 x 2 1/4 Hose Clamps	Cable Ties:
Sender:	Pumps & Filters:
Hose: ○ 1 5/16 In Tank EFI Hose @ 60mm ○ 1 x 1/2 Fuel Hose @ 500mm ○ 1 x 5/16 Bundy Tube @ 65mm with 1/4 Notch Cut in One End	3 Pages of Fitting Instructions Consisting of: ○ 1 x Page Fitting Instructions ○ 1 x Page Fitting Kit Contents ○ 1 x Page INLDEF300R01 Diagram

1. Remove sway bar from chassis mounts and allow bar to swing down. Remove standard fuel tank and tow bar, if fitted. Remove fuel return and fit into new tank using M5 cap screws.

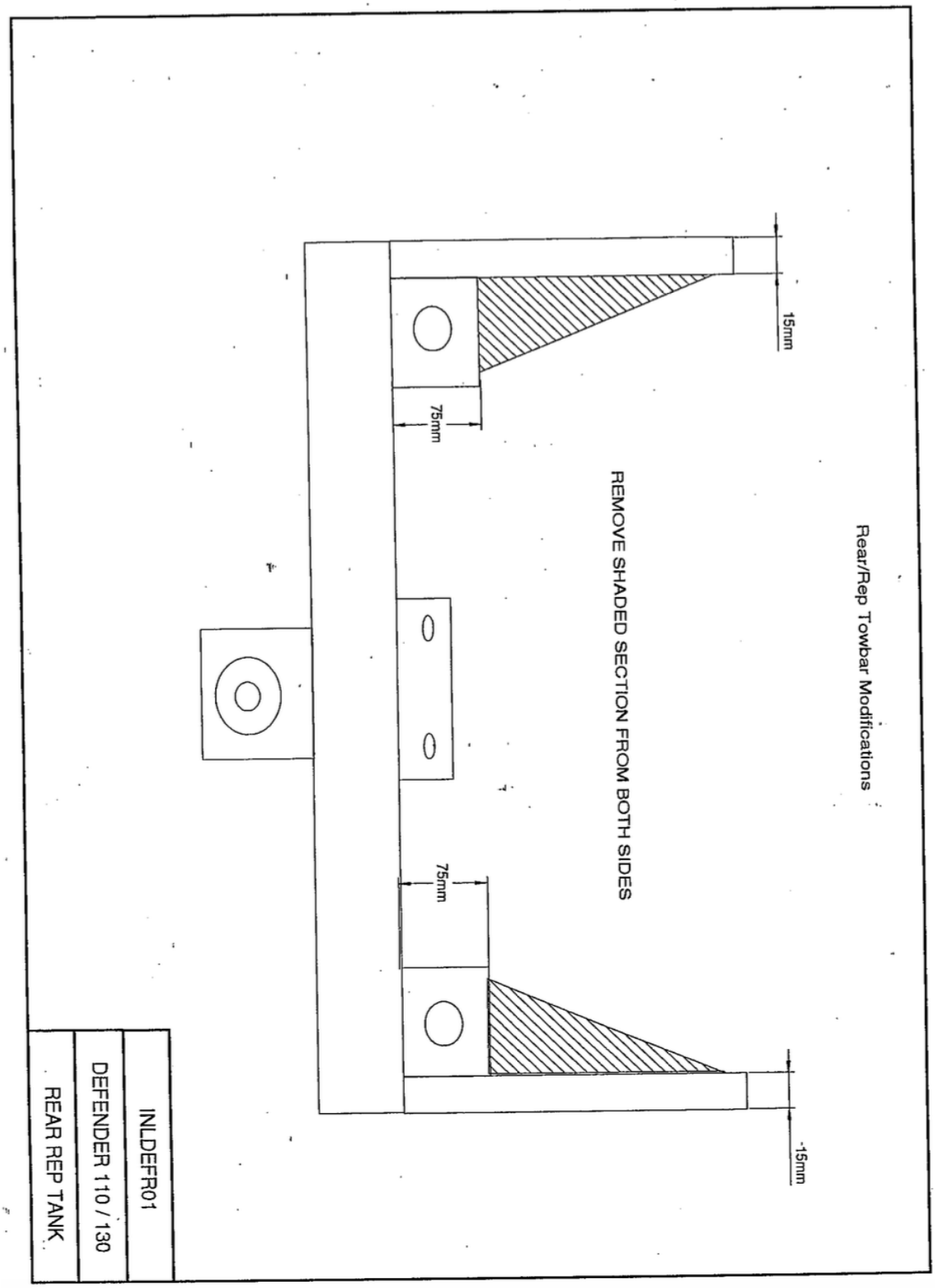
2. Using 2.5mm rod supplied extend float arm by 55mm. Rod is 75mm long to allow for 10mm overlap both ends. Using 5/16 bundy tube, 5/16 in tank EFI hose and 2 x 1/4 hose clamps supplied extend fuel pick up, ensure new section of bundy tube and original fuel pick up butt together inside hose.

3. Fit pick up to tank and ensure full and free travel of float inside tank.

4. Install brass fittings to tank. (1X1/2" Hose Barb Straight in fitting next to filler neck, 1x1/2" Hose Barb Straight in fitting in front of tank. Remaining socket gets the extra plug - this could be used as the fuel entry port if the vehicle has an auxiliary tank Fitted). Fast fill will have a Y piece in line near tank filler neck with fast fill hose running over chassis rail.

5. Install sway bar extension blocks to OEM mounting points on chassis. Lift tank into position and using original front and rear mounting bolts hold tank in position. Two new holes will need to be drilled in rear section of chassis, use M8 x 40 bolts with wire attached and washers and nuts in new holes drilled, and tighten all tank mounting bolts.

6. Cut filler and fast fill hoses to suit and fit. Rework tow bar as per drawing, (if applicable) and re-fit. Reconnect pick up return and sender wires. Fill with fuel and check for leaks.


Rear/Rep Towbar Modifications
REMOVE SHADED SECTION FROM BOTH SIDES
15mm
75mm
75mm
15mm
INLDEFR01
DEFENDER 110 / 130
REAR REP TANK

A. Are all hose clamps tight and secure?

B. Are all nuts and bolts secured?

C. Are mounting brackets and straps secure?

D. Are Fuel Gauge Sending Unit bolts secured?

E. Are all fuel lines secure with no kinks?

F. Does tank interfere with, or rub on, other vehicle components?

G. Is tank calibration accurate?

☐ Congratulations! You have completed the install!