Installation Instructions for: NNDCRD40(P)
NISAN NAVARA D40 PETROL DUAL CAB
145L REPLACEMENT TANK

1. Disconnect filler and fast fill vent hoses from tank and remove filler neck assembly from vehicle. Disconnect furl pick-up line and unclip tank vent line from the emission canister. Unbolt tank straps, lower the tank slightly and unplug the sender unit wiring. Remove tank from vehicle.

2. Modify rear tank locating strap hole as per drawing (needs to be made 36mm wide at the lower part of the slot.) cut filler neck and fast fil vent tube as per drawing.

3. Remove fuel pump assembly from original tank, unclip float arm from the unit and straighten out the two 90 degree bends that are in the horizontal section of the float arm. Clip the float arm back into the assembly and check the full and empty OHM range. Refit to new tank with hold down ring, cap screws and new O-ring. Pick-up port must point towards the LHS of the tank.

4. Carefully remove the Bayonet couplings and fittings from the rigid plastic pick-up return and vent lines. Using the 750mm length of 8mm EFI hose for the pick-up and the original bayonet couplings, make up new fuel line. Clip the line to the pick-up sender assembly with hose pointing to the rear.

   Use the vent line bayonet coupling and 6mm hose @750mm, for later connection to P14 6mm Tee. Fit rubber grommet and roll over valve to tank and use 6mm hose @160mm to connect to branch of P14 6mm Tee.
   Use the 50mm piece of 6mm hose to connect P14 6mm Tee to the vent line valve. (Take note of the direction on valve. It is marked 'Tank' on one end.) With the 500mm length of 6mm Hose, connect the vent line valve to the bayonet coupling that clips onto the emissions canister.

5. Extend the sender wires by 200mm. we suggest cut solder and shrink tube.

6. Lock new rear strap in place and carefully bend down to allow the tank to be jacked into position, remembering to connect the sender unit wires and check that the

pick-up line points towards the rear and then loop forwards for later connection. Jack tank into position and secure rear strap with original bolt. To fit the front strap, bolt inboard mount with reinforcing plate; finger tight only, then with the tank in position using the small hole next to the outside mount to line up the bolt hole on the strap. Bolt in place. (Be careful not to cross thread.) Check tank clearances and tighten all mounting bolts.

7. Run the 6mm hose from the sender/pick-up vent over the cross member and connect to the Tee from the top rear roll over valve. Vent line can now be clipped back onto the emissions canister. Fix line to body brace with rubber lined p-clips and TEK screws

8. From the original fill hose, cut 110mm from the long end and 45mm from the short end. Refit previously modified filler neck to vehicle with this hose, and new 16mm fast fill vent hose.

9. Connect pick-up line. Check clearance and fix to body with rubber lined P-Clip and TEK screw

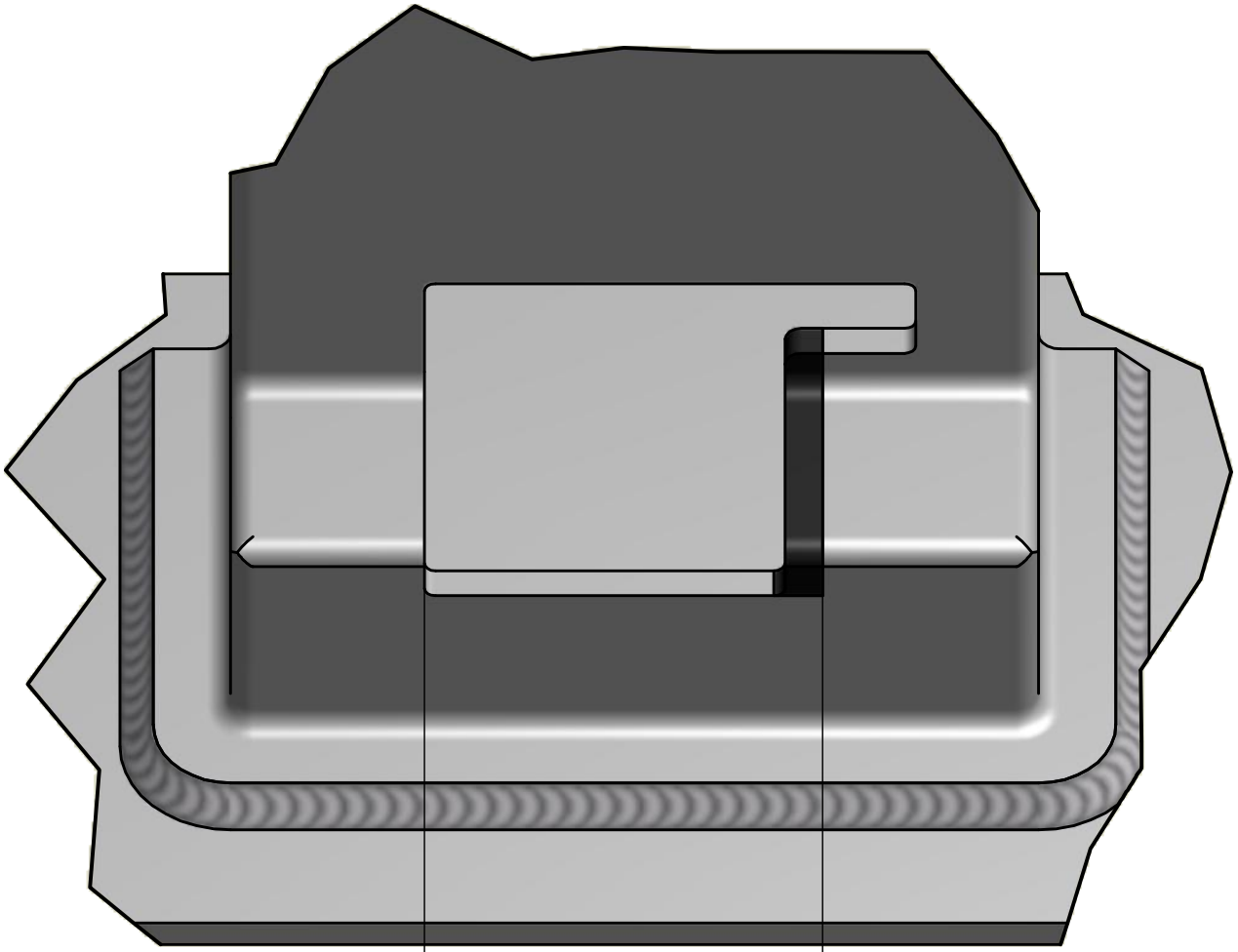
10. Remove heat shield from STD tank and refit to new tank using original clips.

11. Fill with fuel and check all hoses and fittings

FITTING KIT CONTENTS – NNDCRD40(P)

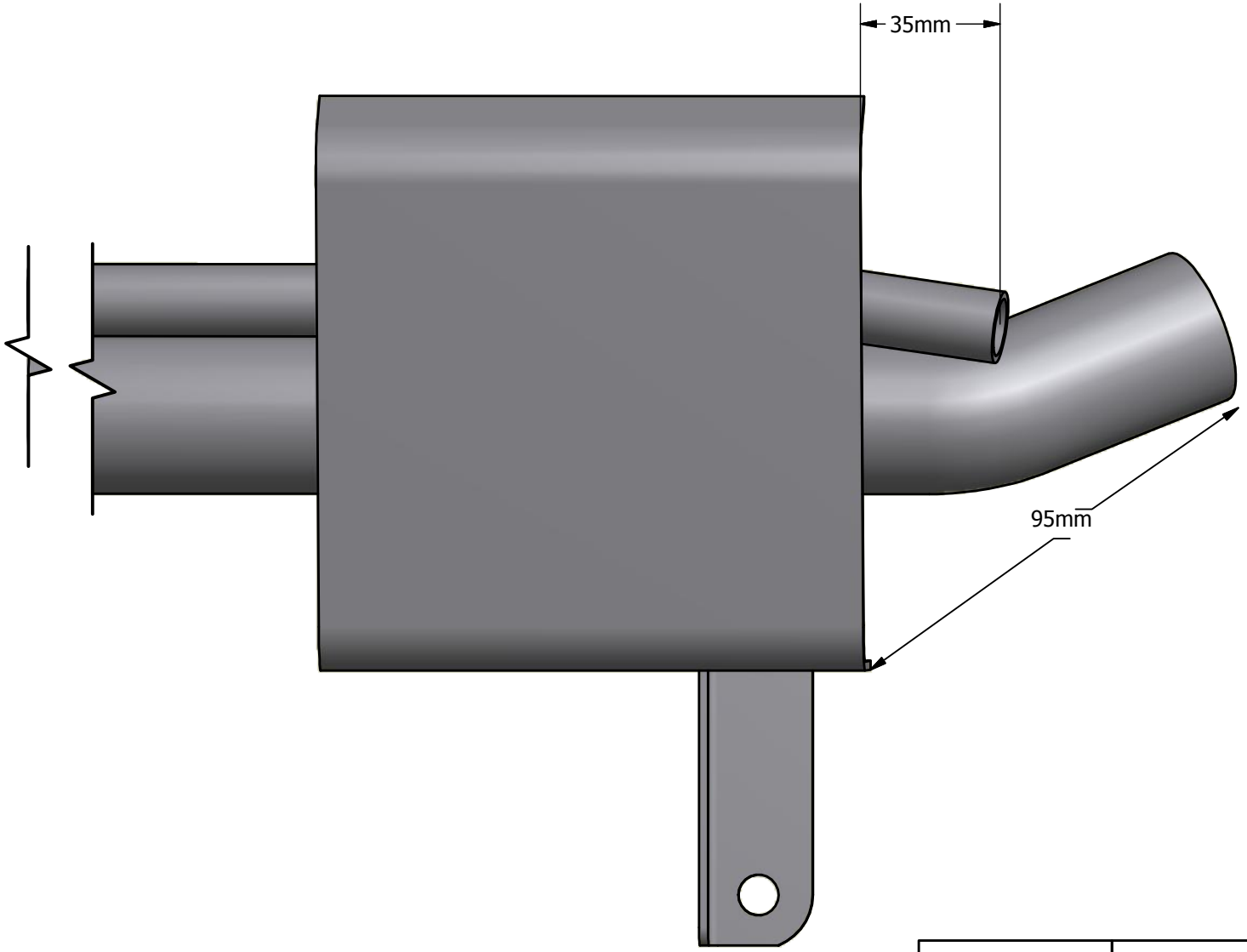
Brass:	Electrical:
○ 1 x P14 1/4 Tee ○ 1 x P6 5/8 x 1/4 Elbow	○ 1 x 3mm 5 core wire @200mm ○ 10 x heat Shrink @30mm
Bolts / Nuts:	**Misc Parts:**
○ 6 x M5 x 8mm Cap screws ○ 6 x M5 Washers ○ 3 x TEK screws	○ 1 x Hold down ring ○ 1 x 3mm Rubber 65x300 ○ 1 x 3mm Rubber 65x330 ○ 1 x BS356 ○ 2 x Strap reinforcing plates ○ 1 x Pair tank straps ○ 1 x 50mm tank strap rubber @ 440mm ○ 1 x 50mm tank strap rubber @ 800mm ○ 1 x Roll over valve & grommet
Hose Clamps:	**Hose:**
○ 9 x EFI Hose Clamps ○ 2 x 5/8 Hose Clamps ○ 1 x 16mm Rubber line P clip ○ 2 x 13mm Rubber line P clip	○ 1 x 6mm @ 50mm ○ 1 x 6mm @ 160mm ○ 1 x 6mm @ 500mm ○ 1 x 6mm @ 750mm ○ 1 x EFI Hose @ 750mm ○ 1 x 16mm NTP Hose @300mm
Cable Ties:	**5 Pages of Fitting Instructions Consisting of:**
○ 1 x 7" Cable Tie	○ 2 x Page Fitting Instructions ○ 1 x Page Fitting Kit Contents ○ 1 x Install-01 (Strap Mod) ○ 1 x Install-02 (Filler Mod)

Kit Packed By_____ Checked By _____



NNDCRD40P	INSTALLATION

Nissan Navara D40 petrol dual cab
2005- 145ltr replacement tank.
Tank strap cut-out modification.



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