



FITTING GUIDE

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DETAILS	
Part Number	BTT60
Approx. Fitting Time	2 Hours
Max Battery Size	Please see below
Max Battery Weight	2 x 21Kg
Battery Type	1 x Cycle Duty/1 x Starting
Tray Location	PSF

Recommended Isolator
DBE140SF or DBE180-SX

To Suit SAIC LDV T60

PARTS INCLUDED WITH TRAY			
1	Tray	5	5 x M8 C/Sunk Screws
2	3 x M6x25mm C/Sunk Screws	6	2 x M8 Whizlock Nuts
3	3 x M6 Whizlock Nuts	7	2 x M8 Panel Washers
4	2 x M8 Rivnuts	8	Top Mount - STMDEFT

Special Tools Required:
Rivnut/Nutsert tool with M8 mandrel, Body Saw, Hammer and Flat large surface punch.



Warning – to fit this tray, non-reversible modification to the car is required.

FITTING INSTRUCTIONS

Note: This tray requires the replacement of the original cranking battery. The vehicle charge rate is above 14.2V – DC/DC Charger not required.

1. Remove original cranking battery (it is not re-used) and earth cable from inner guard.
2. Unbolt the fuse box, slide back towards the rear (approx. 20mm), drill three 6.5mm holes in the new location of the feet and fix with M6 Countersunk screws and whizlock nuts.

(Refer Pic 1.)

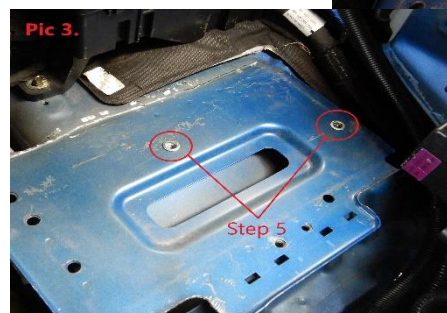


3. Using a body saw, carefully trim the lip off the rear of the original battery platform. (Refer Pic 2.) **Warning: do not use angle grinder, as this will cause damaging sparks.** Paint raw edge of metal.

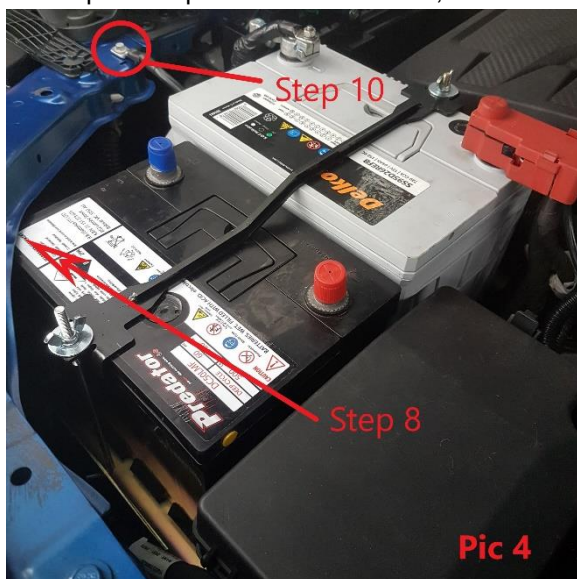
4. Using a flat large surface area punch, hammer the battery platform lip down along the engine side and front edge.



5. Drill out two existing holes to 11mm to accept the M8 Rivnuts and set the Rivnuts into holes (Refer Pic 3.)
6. Sit tray in place and secure with 5 x M8 countersunk screws (Two into Rivnuts, one into existing captive nut towards the front, and two into existing holes in existing battery platform using washers and whizlock nuts.



8. Lower auxiliary battery into tray and slide under the lip of the radiator support panel (Refer Pic 4.). If battery makes contact with the support panel, use pliers or mutigrips to gently bend up the lip until there is sufficient clearance for battery). Now lower the new Main/Cranking battery into tray.
9. Fit special top mount and "J" bolts, with the contour to suit the batteries.



10. Fit Main/Cranking battery earth cable to captive nut on radiator support panel near bonnet buffer (Refer Pic 4.). Remove paint with scraper or file to ensure electrical contact. Spray over area with battery terminal protector once earth cable is secure.

Handy Tip: An additional earth cable from the Main/Cranking battery Back to the engine block is advisable. There is an M8 Tapped hole below the engine lifting eye on the passenger side under the engine cover.

Please Note: It is the installers responsibility to check all items have adequate clearance and are secured/protected against vibration, rubbing & chaffing.

Piranha battery recommendations are as follows:

Max. battery size (Aux.) L240mm x W180mm (eg. Predator DC50MF Flooded Cycle Duty) – 60A/hr

Max. battery size (Main) L265mm x W175mm (eg. Delkor SS95D26REFB Flooded Cranking) – 720CCA