

**piranha**  
OFF ROAD PRODUCTS

# FITTING GUIDE

Ph: 03 9762 1200 - Em: sales@piranhaoffroad.com.au

Part Number	BTDMAX20C
To Suit Vehicle	Isuzu D-Max DC 2020 on
Approx. Fitting Time	1.5 Hours
Max Battery Size	551 x 109 x 239 Slimline
Recommended Isolator	DBDC1230S
Tray Location	Cabin, Behind Rear Seat

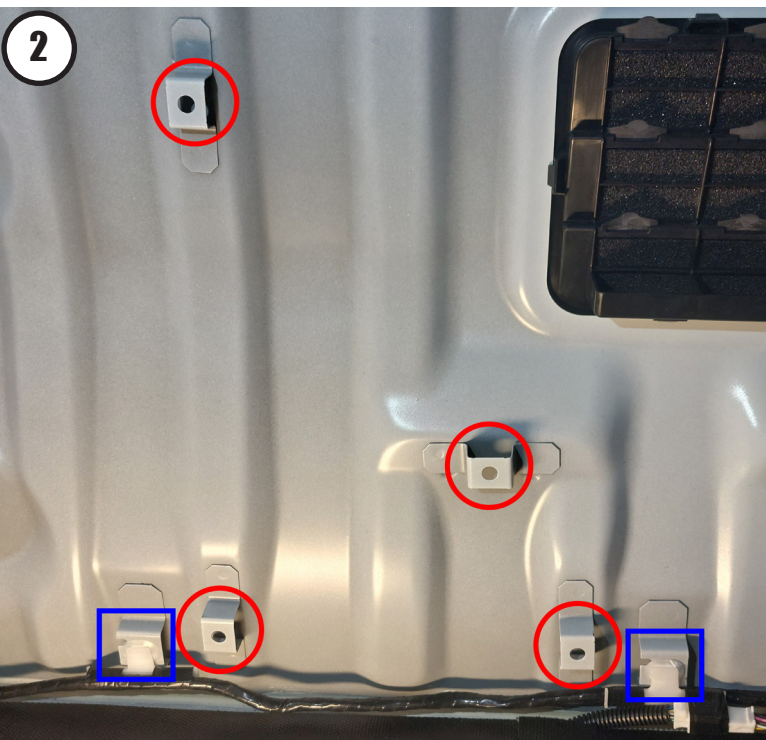
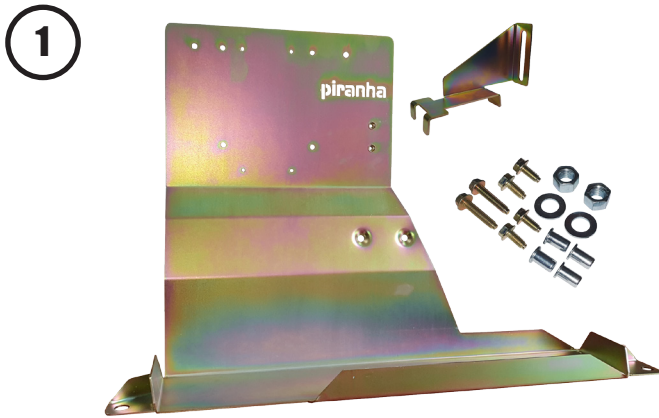
**WARNING!** - This is a guide only. Piranha Off Road Products accepts no responsibility for damaged caused during installation.

**WORKSHOP FIT**- Piranha recommends that this tray is fitted by a qualified workshop. It is not suitable for self install.

**Special Tools Required:** Nutsert / Rivnut inserting tool with M6 mandrill, air 'body saw'

### Install Notes:

Refer Pic 4. Battery tray has predrilled holes for either Piranha (Blue) or Redarc (Green) DC/DC units.



Part's List			
1	BTDMAX20C Tray	4	M6 x 15mm Bolt, P144
1	BTDMAX20C Special Top Mount	2	M12 Flat Washer, FF21580P
2	M6 x 30mm Bolt, P159	2	M12 x 1.25 Plain Nut
4	M6 alloy Nutsert / Rivnut, LFCR3		

1). Remove top plastic and carpet trim panels behind rear seat. Side plastic trim panels can remain.

2). Remove rear seat – 3 nuts, 3 bolts and 2 wiring plugs.

3). Using a body saw or similar, cut the 'legs' off four of the 'top hat' shaped trim clip mounts circled in red see Pic 2 Leave the spot welded 'feet' of these 'top hat' shaped trim clip mounts fixed to the back wall.

**Note:** The trim clip mount below the air vent and towards the centre of the car can remain.

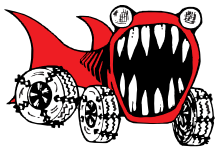
**Note:** Some specification levels, or BT50 versions, may not have all of these mounts.

**Tip:** Fold the carpet forward to prevent it getting covered in metal filings. **Refer Pic 2 and Pic 3.**

4). Unclip wiring from two lowest 'top hat' mounts. Highlighted with Blue Squares Pic 2 Use a hammer to partially flatten these down. Cut the electrical tape holding the plastic clips onto the loom and remove them. Remove wiring plug mounted to centre seat belt bracket. Use masking or electrical tape to hold the loom down and away from ridges in the floor panel.

**Refer Pic 2. & 3**





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**10).** Refit tray over studs, align & loosely fit 2 x M6 x 30mm bolts into the lower rivnuts, fit 2 x M6 15mm bolts into the upper rivnuts. Refit washers and nuts to seat mounting studs. Carefully tighten all fixings. **Tip:** Bolt the DC/DC to the tray with the heads of the fixings on the back side of the tray, before fitting the tray into the car. **Tip:** Lean the top of the tray forwards, to engage on the studs first, then push the back of the tray down into position.

**11).** Place battery in tray, with terminals facing Drivers Side. Place top mount over battery, push down and secure with 2 x M6 15mm bolts. **Refer Pic 5.**

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

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**5).** Unclip seat belt wiring from tabs along seat base tube. Use a hammer, or body saw to bend / cut off wiring loom mount tabs. Refit back seat and connect two wiring plugs as removed in step 2). Use cable ties to secure wiring loom under the tube.

**6).** Temporally re-fit back wall trim panel, Drop tray back in place as best as can be achieved, and trace around with chalk to provide a cut line for the trim and floor carpet. Remove tray and cut both. **Note:** the back wall vent should remain covered.

**7).** Refit tray with 2 x M12 flat washers and nuts to hold the tray fully down on the studs.

**8).** Using the tray as a guide, mark the location of 4 holes on the back cab wall. Note: the lower holes should be onto the 'feet' of the trim clip mount, as removed in step 3. Undo nuts and lift tray back out. **Refer Pic 4.**

**9).** Drill marked holes to 9mm and insert Rivnuts. **Tip:** Coat flange of Rivnuts with silicone sealant to prevent rusting and water leaks. **Tip:** Use a vacuum cleaner to remove all swarf from drilling.

