

'Piranha Off Road products are not associated in any way with Isuzu Ute Australia or any of its related companies'

## To Suit ISUZU D-MAX & M-UX 2012 Onwards 3.0L 4JJ1-TC TURBO DIESEL

You may require the use of a right angle drill to aid installation



PART NUMBER
BTDMAX
APPROX FITTING TIME
1.5 Hours
MAX BATTERY SIZE
OPTIMA D34
RECOMMENDED TYPE
OPTIMA D34
TRAY LOCATION
PSR



### PARTS INCLUDED WITH TRAY

- 5 x M6 Bolts (P144)
- 1 x M6 Long Bolts (P159)
- 4 x M6 Nuts (P106)
- 2 x M6 Washer (P148)
- 1 x M8 Bolts (P146)
- 1 x M8 Nut (P105)
- 1 x M8 Body Washer (P115)
- 2 x J-Bolts (1 with Trimmed end)

### RECOMMENDED ISOLATOR

**DBE140SF**  
or  
**DBE180-SX**

1. Remove original starting battery and unclip looms from around battery and firewall.
2. The white loom bracket on firewall will need to be bent up for fitting of battery.
3. The metal pipe that runs under scuttle panel will require manipulating to fit battery.
4. Unbolt and cut off mounting bracket for fuel lines leaving the fuel line connected to each other and re-route fuel lines behind fuel filter and filter mount.
5. Place tray into a position that will allow you to cable tie the fuel lines around the metal bracket to the indentation in the tray.
6. Manoeuvre tray into correct position by lining up the 2 x M6 bolt holes directly behind original battery tray but do not tighten.
7. Locate and hand tighten 1 x M6 Bolt, Nut and Washer through hole next to fuel filter
8. Locate and tighten the 2 x M6 Bolt and Nuts through inner guard and tray.
9. Using a right angle drill, drill through rear tab on tray behind the fuel filter into the inner guard. **Be careful not to damage fuel lines or wiring looms.**
10. Secure rear tab with M8 Bolt, Nut and Washer and tighten all other bolts and nuts.
11. Fit Negative terminal and cable to battery first then install battery with negative terminal to rear of tray. **DO NOT INSTALL BATTERY WITH POSITIVE TERMINAL TO REAR** (Use Trimmed J- Bolt on Engine side)
12. Unbolt scuttle panel bolt and use 1 x M6 Long Bolt and nut in the following ways:  
**Optima D34** - Top mount sits under scuttle panel, use bolt, washer and nut under.
13. Refit factory battery.
14. **Please note: It is the fitters responsibility to ensure original parts and all items fitted have sufficient clearance between them, and to the bonnet, looms and piping.**