

# PIRANHA OFFROAD PRODUCTS

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## To Suit SUZUKI JIMNY Facelift 2013 on with ABS and Bonnet Scoop



it is the installers responsibility to check and ensure adequate clearance for all items

BTSJ-ABS

|                                   |            |
|-----------------------------------|------------|
| PART NUMBER                       | BTSJ-ABS   |
| APPROX FITTING TIME               | 1 Hour     |
| MAX BATTERY SIZE                  | 235mm Long |
| RECOMMENDED TYPE                  | Cycle Duty |
| TRAY LOCATION                     | PSF        |
| <b>Battery Height is Critical</b> |            |



Pic 1



Pic 4



Pic 2



Pic 3



Pic 5



Pic 6



Pic 7

- 1) Disconnect wiring, hoses and two mounting bolts from washer bottle and put bottle aside. Note: One original mounting bolt is reused. Fit speed nut to washer bottle front hole.
- 2) Extend washer bottle hoses by 500mm, extend pump wiring by 300mm. Note: Components for these extensions not supplied, however the wiring uses commonly available 'tee' latch plugs. Pic 2
- 3) Remove front bolt from ABS module bracket. Lift ABS module bracket slightly and slide battery tray under bracket. Fit new M6 x 15mm bolt, plus two others to captive nuts on vertical surface of inner guard. but don't tighten at this stage.
- 4) Fit Countersunk M6 machine screw to coolant reservoir bracket. Use Tray as a guide to drill 2 x 6.5mm holes in wheelarch. Fit 2 x Countersunk M6 machine screws trough tray, with body washers and wizlock nuts underneath. Tighten all tray mounting bolts.
- 5) Fit M6 x 15mm bolt through front tray leg, with a body washer and wizlock nut underneath.
- 6) Remove plastic trim clips from filler trim panel in engine bay, between inner and outer guards. Use 9mm drill bit to enlarge front hole and install M6 rivnut / nutsert. Refit plastic filler trim panel and rear trim clip.
- 7) Remove bonnet prop rod from mounting clip. Bend rod 'down' slightly at a point 75mm from 'guard' end, bend 'in' slightly at a point 150mm from 'bonnet' hook end. Pic 3
- 8) Carefully remove bonnet prop rod securing clip, refit to square hole in right angle bracket. Remove front mudguard bolt. Fit right angle bracket using new M6 x 15mm bolt and 1 x M8 thick spacer washer (between guard and bracket). Pic 4.
- 9) Carefully manipulate A/C high pressure line 'up-wards' and 'towards' the engine to allow clearance for the battery and washer bottle to be fitted.
- 10) Fit washer bottle and connect previously extended pump wiring and lengthened hoses – ensuring hoses are not kinked and restricting water flow.
- 11) Fit battery into tray with positive terminal to rear.
- 12) Fit top mount, using 'J' bolt with standard washer and wingnut closest to the engine. Adjust the lower nut on the other 'J' bolt to be just below the height of the top mount. Fit flat plate over the 'J' bolt and to previously installed rivnut / nutsert on inner guard, using 1 x M8 thick spacer washer (between guard and bracket) and M6 x 30mm bolt. Tighten bolt and top nut.

### PARTS INCLUDED WITH TRAY

5 X M6 X15mm Bolts  
 1 X M6 x 30mm Bolt  
 5 X M6 Wizlock Nuts  
 3 X M6 Body Washers  
 1 X M6 Speed Nut  
 3 X M6 Counter Sunk Machine Screws  
 1 X M6 Alloy Rivnut Insert  
 2 X M8 Thick Spacer Washers  
 1 X Special Top Mount & J Bolts  
 1 X XUABM Right - Angled Bracket  
 1 X XPACM Flat Plate

### RECOMMENDED ISOLATOR

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