

86-95 Suzuki Samurai Dual Mount Battery Tray By Low Range Off-Road (SKU# SEU-DBT)

Installation Instructions

This OEM Battery Hold down kit is sold separately.



SKU# SER-BHDOEM



CAUTION: Safety glasses should be worn at all times when working with vehicles and related tools and equipment.



FOR ADDITIONAL COPIES OF THESE AND OTHER INSTRUCTIONS GO TO:
www.lowrangeoffroad.com and click on the "TECH AND INSTRUCTIONS" tab.

SUZUKI SAMURAI DUAL MOUNT BATTERY TRAY



Also Accommodates Larger Battery



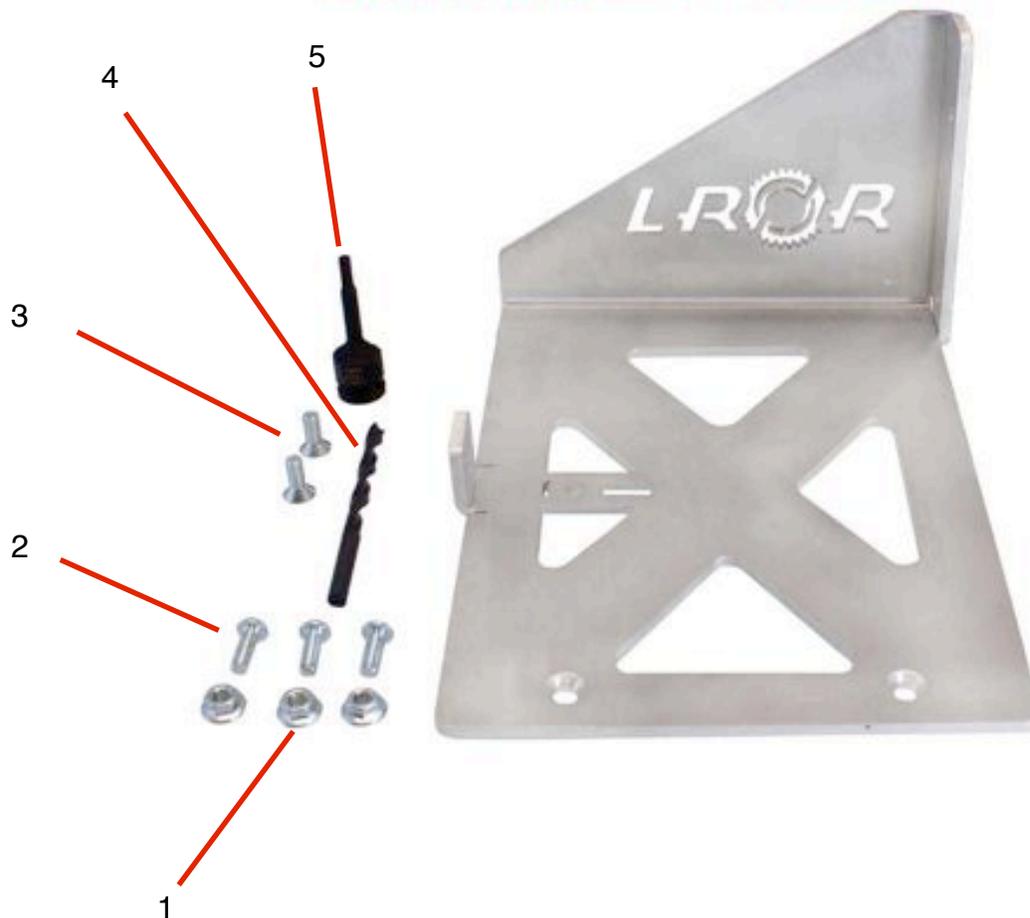
Our Dual Battery Bracket will also accommodate a larger battery. The dimensions of the battery shown here is Height = 7-3/4", Length = 8-1/2" and Width = 6-3/4". We do not supply the battery hold down kit for this battery, but it is readily available through most auto part supply stores.

Suggested Tools:

- Socket: 10 mm
- Combination Wrench: 10 mm
- Allen Wrench: 4 mm -Supplied
- Electric Hand Drill
- 1/4" Drill Bit - Supplied

Hardware

- | | |
|----------------|-------------------------------|
| 1. 3-M6X1.0 | Flange Nuts |
| 2. 3-M6X1.0X15 | Button Head Allen Bolts |
| 3. 2-M6X1.0X15 | Allen Head Counter Sink Bolts |
| 4. 1 - 1/4" | Drill Bit |
| 5. 1 - 4mm | Allen Socket |



Installing the LROR Dual Battery Bracket



Step 1

Remove these (2) *OEM bolts using a 10 mm socket.

*OEM=Original Equipment Manufacturer



Step 2

Position the Dual Battery Bracket as shown.



Step 3

Start the (2) supplied button head allen screws.



Step 4

Tighten the button head allen screws using the supplied 4 mm allen wrench.



Step 5

Beginning with the driver side, drill a 1/4" hole using the existing hole in the Dual Battery Bracket as a guide.



Step 6

Install the supplied countersink allen screw from the top and supplied start a nut on the bottom.



Step 7

While holding the nut with a 10 mm box end wrench from the bottom, tighten the countersink screw using the 4mm allen wrench.

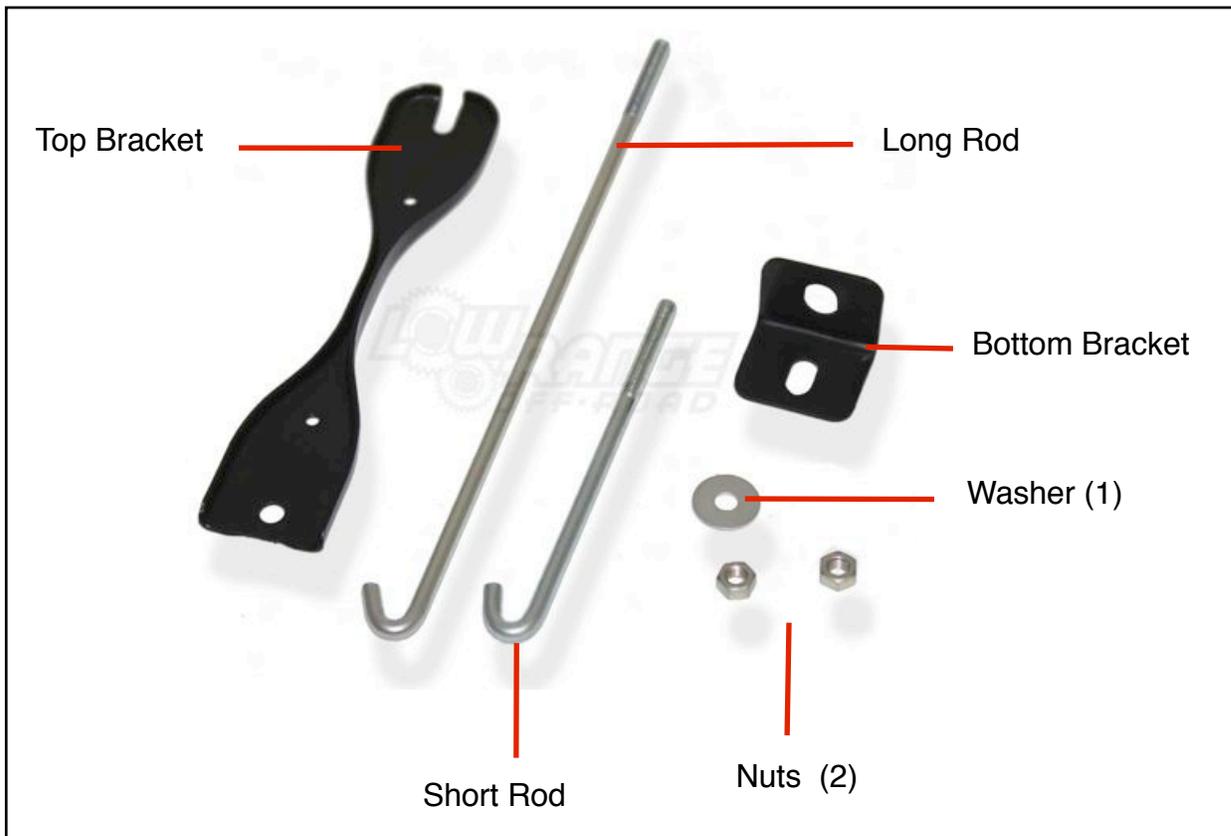


Step 8

Repeat **Steps 5 through 7** on the driver side hole.

NOTICE: This completes the installation of the Dual Battery Bracket. If you are installing an OEM size battery and OEM Battery Tie Down, please continue.

Parts of the OEM Battery Tie Down Kit



Installing the OEM Battery Tie Down Kit with an OEM Battery



Step 9

Position the bottom bracket as shown.



Step 10

Install the supplied button head allen screw from the top and start the nut on the bottom. Do NOT tighten the nut yet.





Step 11

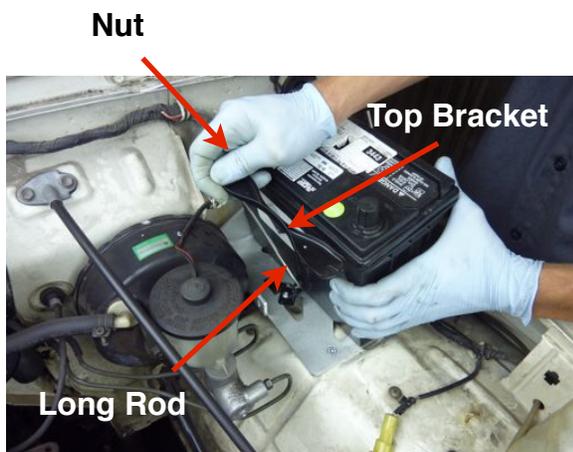
Install the short rod in the existing hole from the bottom as shown.



Step 12

Position the OEM size battery as shown.

Note: The post of the battery should be oriented toward the inside.



Step 13

Install the long rod, nut and top bracket as shown.

Note: The battery will need to be lifted and moved toward the fender to make room for the rod at the bottom.



Step 14

Position the short rod in the top bracket





Step 15

. . . and install the supplied washer and nut.

Note: Leave both rod nuts loose for now.



Step 16

While holding the nut on the bottom with a 10 mm wrench, tighten the allen screw using a 4 mm allen wrench.



Step 17

Alternately snug the rod nuts until the battery is secure.

Caution: It is easy to tighten these nuts too tight. Only tighten them until the battery feels secure. The plastic battery case can easily be damaged if these nuts are over tightened.



Step 18

You can now hook up your battery cables and connections according to need.





Tech Tip

Our Dual Battery Bracket is designed to accommodate a larger battery as shown above. We do not sell the Battery Tie Down Kit for this non-OEM size battery, but they are readily available through most auto part suppliers.



As always, If you experience any difficulty during the installation of this product please contact Low Range Off-Road Technical Support at 801-805-6644 M-F 8am-5pm MST. Thank you for purchasing from Low Range Off-Road.



These instructions are designed as a general installation guide. Installation of many Low Range Off-Road products require specialized skills such as metal fabrication, welding and mechanical trouble shooting. If you have any questions or are unsure about how to proceed, please contact our shop at 801-805-6644 or seek help from a competent fabricator. Using fabrication tools such as welders, torches and grinders can cause serious bodily harm and death. Please operate equipment carefully and observe proper safety procedures.

Rock crawling and off-road driving are inherently dangerous activities. Some modifications will adversely affect the on-road handling characteristics of your vehicle. All products sold by Low Range Off-Road are sold for off road use only. Any other use or application is the responsibility of the purchaser and/or user. Some modifications and installation of certain aftermarket parts may under certain circumstances void your original dealer warranty. Modification of your vehicle may create dangerous conditions, which could cause roll-overs resulting in serious bodily injury or death. Buyers and users of these products hereby expressly assume all risks associated with any such modifications and use.

Revised 09/03/13© Copyright 2013 Low Range Off-Road, LC All Rights Reserved

