

Instructions Created by an:



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## Suzuki Samurai Door-less Mirror and Light Mount by Low Range Off-Road (SKU# SEB-LR-DMB)

### Installation Instructions



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

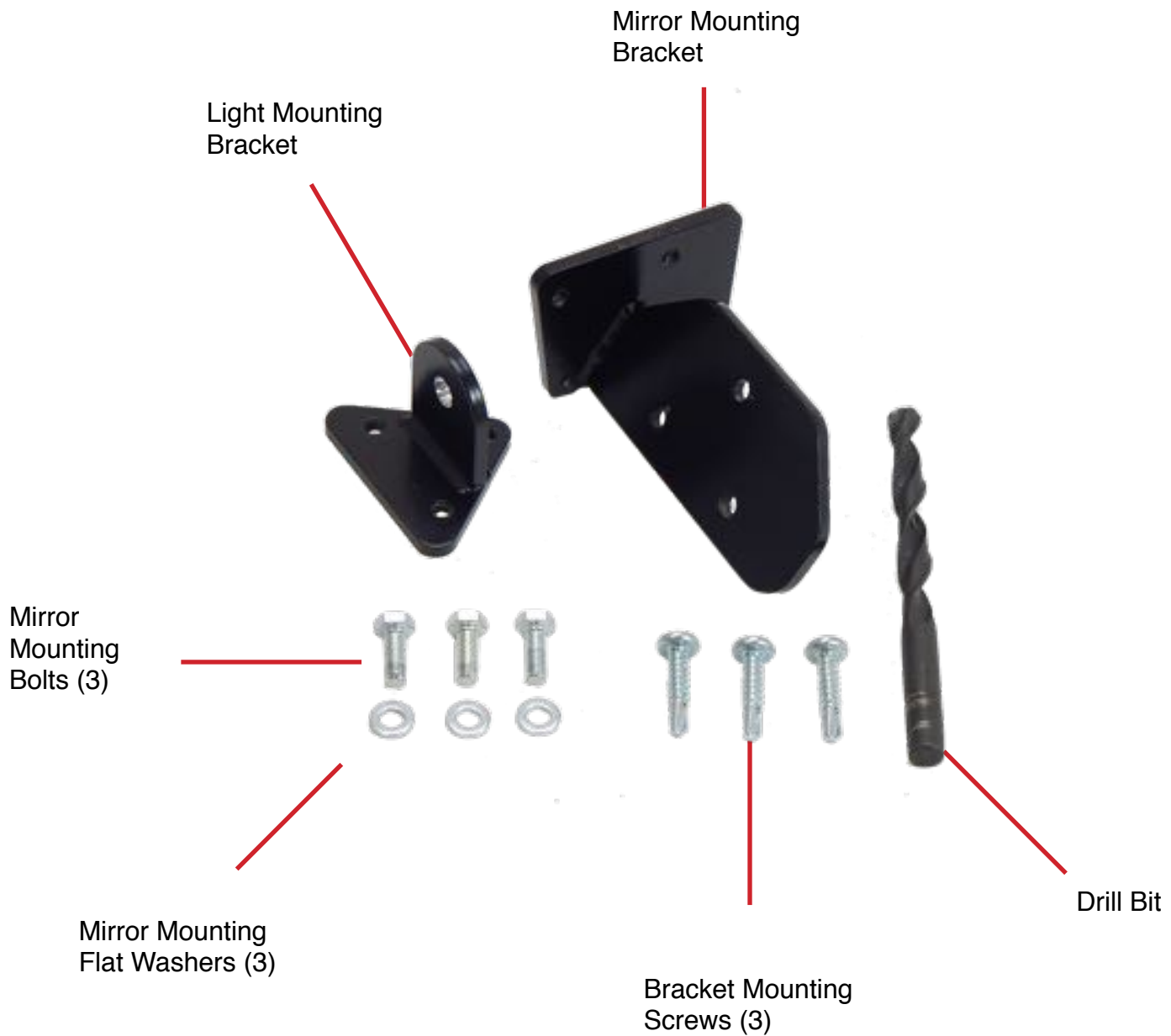


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[www.lowrangeoffroad.com](http://www.lowrangeoffroad.com) and click on the "INSTRUCTIONS" tab.

#### Suggested Tools:

- Standard Screwdriver
- Phillips Screwdriver, #2 Size
- Cordless Hand Drill, 1/2"
- Impact Drill W/ #2 & #3 Phillips Bits
- Combination Wrenches: 13 (2 ea.) & 17 mm
- Bench Vice

## Parts Identification



## Kit Contents

Description	Size	Qty
Mirror Mounting Bracket		2
Light Mounting Bracket		2
Mirror Mounting Bolts	M6X1.0X15mm	6
Mirror Mounting Flat Washers	M6X1.0X16mm	6
Bracket Mounting Screws #3	#12 X1" Self Drilling	6
<b>Drill Bit</b>	7/16"	<b>1</b>

## Preparing the Light Mount



The light mount bracket hole is designed to accommodate a smaller mounting stud or bolt. If the light you are using will not fit the hole, it will be necessary to enlarge (drill-out) the mounting hole.



### Step 1

Check the hole size of the light mounting bracket by inserting the light mounting bolt (or stud) in the hole. If it fits, skip to Step 5. If it does not fit, proceed to Step 2.



### Step 2

Lay a folded shop towel over the jaws of a vice to protect the light mounting bracket.



### Step 3

Place the light mounting bracket in the vice as shown and snug the vice until the bracket is secure enough to drill.



### Step 4

Enlarge the hole using the appropriate drill size to accommodate the light mounting stud. In our example we used a 7/16" drill bit.



## Removing the Existing Mirror



### Step 5

Snap the side view mirror cover (trim) loose using a standard screwdriver.

Note: This vehicle has aftermarket side view mirrors. The OEM mirrors will not have this plastic trim.



### Step 6

Remove the 3 mounting screws using a #2 phillips screwdriver or an impact drill with a #2 phillips bit and set the mirror assembly aside. It **WILL** be used later on.



### Step 7

Reinstall the 3 side view mirror screws. They will **NOT** be needed with this kit.



## Mounting the Side View Mirror Bracket.



### Step 8

Position the supplied passenger side, side view mirror as shown.



### Step 9

Install the first supplied self drilling screw in the upper right location using a #3 phillips bit and an impact drill. Leave this screw loose for now.



### Step 10

Install the 2nd and 3rd supplied screw in the same way as the 1st. Leaving them loose as well.



### Step 11

Hold the mirror bracket in place and remove all three of the self drilling screws.

## Mounting the Light Bracket.



### Step 12

While continuing to hold the mirror bracket in place, position the light bracket on top of the mirror bracket and reinstall the three mounting screws.



### Step 13

After all three screws are started, tighten them using a phillips bit.

**Caution:** Do not over tighten these screws. They are easily striped. We recommend that the final tightening of the screws be done by hand with a phillips screwdriver to reduce the risk of stripping.



## Reinstalling the Side View Mirror



### Step 14

While holding the plastic trim and rear view mirror in place, install one of the 3 supplied bolts (M6X1.0X15mm) with a flat washers.



### Step 15

Then install the other 2 supplied bolts and flat washers.



### Step 16

After all 3 bolts are started, tighten them using a 10 mm socket.

**Caution:** Do not over tighten these bolts.



### Step 17

Snap the trim cover into place.



## Mounting the Light



### Step 18

Insert the light mounting bolt (or stud) in the light bracket.



### Step 19

Install the supplied lock washer.



### Step 20

Install the supplied nut.



### Step 21

Tighten the nut using a 17mm open end wrench.





### Step 22

Position the light as desired and tighten the adjustment bolt and nut using two 13mm combination wrenches.



### Step 23

Repeat all steps necessary to install the driver side side view mirror and light bracket.



### Step 24

Wire up the lights according to the manufacturer's instructions.



### Congratulations!

You have successfully installed a set of side view mirrors and light brackets. We hope these instructions have been helpful. If you have suggestions on how to make these instructions (or products) better, please email us at: [sales@lowrangeoffroad.com](mailto:sales@lowrangeoffroad.com)



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 during regular store hours. 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.

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