

Instructions Created by an:



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Suzuki Samurai Windshield Wiper Brace, Softtop and Hardtop, Black Powder Coat by Low Range Off Road (SKU# SEB-WSBD)

Installation Instructions



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



Suggested Tools:

- Phillips Screwdriver
- Electric Hand Drill W/ Phillips Bit Driver.
- 5/32" Drill Bit (Optional)
- Combination Wrench: 10mm
- Masking Tape

FOR ADDITIONAL COPIES OF THESE AND OTHER INSTRUCTIONS GO TO:

www.lowrangeoffroad.com and click on the "INSTRUCTIONS" tab.



Step 1

Turn the ignition key to the ON position and turn the wipers to LOW. After several wiper sweeps, turn the wipers OFF. The wipers should now be in the PARK position.



Tech Tip 1

Wipers in PARK position.



Step 2

Mark both wipers PARK location by placing a piece of masking tape just below each wiper blade.

Note: This will help you adjust the wipers to the PARK position after the wiper arms are reinstalled.



Step 3

Beginning on the driver side, remove the nut cover, by lifting it up. It should simply unsnap.



Step 4

With the cover at about a 45° angle, remove the cover by pulling it toward you.



Step 5

Remove the wiper nut using a 10mm box end wrench.



Step 6

Hinge the wiper arm upward in the same way you would if you were positioning them for cleaning the windshield.



Step 7

Remove the wiper arm from the shaft.

Note: It is a tapered fit between the wiper arm and the shaft, somewhat like a post type battery cable connection. You may need to wiggle the wiper arm side-to-side to get the arm to come loose from the shaft.



Step 8

Remove the passenger side wiper by following Steps 3 through 7.



Step 9

Position the wiper brace over the wiper shafts and washer nozzle.

Note: Be sure to center the wiper shafts and the spray nozzle in the holes of the brace.



Step 10

Once the brace is positioned correctly, tape it into position.



Step 11

Install one of the supplied self drilling screws in the driver side of the brace using a power drill with a phillips bit.

Note: Leave all the self drilling screws a little loose for now. If you install the screws all the way with the power drill you risk stripping them in the thin Samurai sheet metal.





Step 12

Install the second self drilling screw on the passenger side of the brace and remove the masking tape.



Step 13

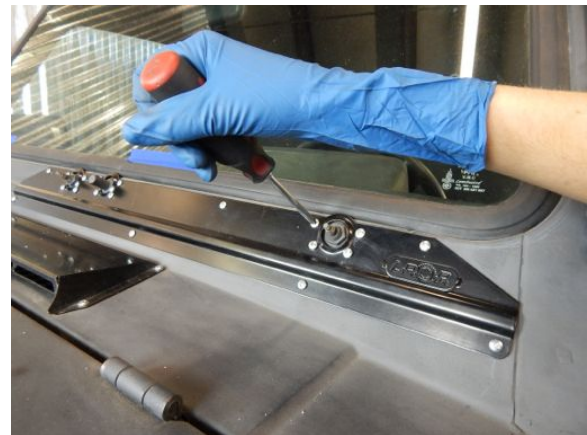
Install screws in the rest of the brace holes. All except for the ones right around the wiper shafts and the washer nozzle.



Step 14

Install the screws around the wiper shafts and washer nozzle.

Note: The sheet metal around the wiper shafts and washer nozzle seems thicker than in other places. It may be helpful to drill these holes with a 5/32" drill bit and then install the self drilling screw.



Step 15

Once all the screws are installed, go back through and tighten them manually with a phillips screwdriver.



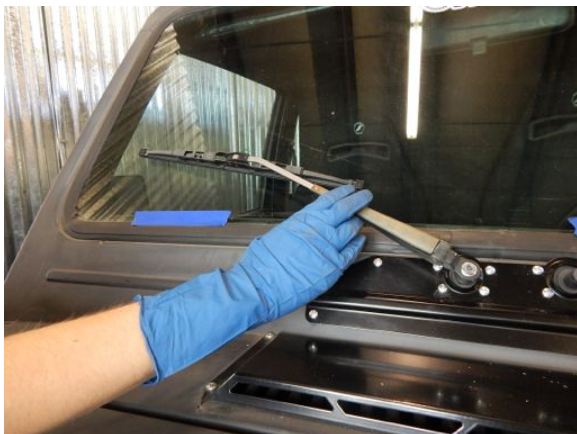
Step 16

Place the passenger side wiper back on the wiper shaft.



Step 17

Install the nut but leave it loose enough for the wiper arm to be moved easily.



Step 18

Lay the wiper arm down against the windshield.



Step 19

Adjust the wiper arm to where it was originally using the masking tape as a guide.





Step 20

Once the wiper arm is positioned correctly, tighten the nut.



Step 21

Install the nut cover.



Step 22

Repeat Steps 16 through 21 on the driver side wiper.



Step 23

Remove the masking tape from both sides of the windshield.



Step 24

Turn the ignition key to ON and the wiper switch to LOW. Make sure the wipers sweep correctly and stop in the correct PARK position when turned off.



Step 25

Wipers should stop where they did originally. If they do not, adjust them by loosening the nut, moving the wiper arm and retightening the nut.



Congratulations!

You have successfully installed the Windshield Wiper Brace. We hope these instructions have been helpful. If you have suggestions on how to make these instructions (or our products) better, please email us at: 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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