



86-95 Suzuki Samurai Heater Case Clean-Out (SKU# SIB-HEATERCASECLEANOUT)

Installation Instructions



This set, which includes a 1.5" hole saw, can be purchased through our website.

Click [HERE](#) to see our hole saw set!



Are you experiencing low air flow from your heater and defrost vents?

Your heater core could look like this!



The most common cause of low air flow is leaves and other debris falling down your hood vent into the heater core area. You are probably like

many other Samurai owners who dread taking the entire heater assembly apart and cleaning out the heater core area. Here is good news! You do not have to take it all apart. Just follow these simple and inexpensive instructions and your problem can be solved in about 30 minutes;

Suggested Tools:

- Electric Hand Drill
- Hole Saw 1.5" (or 38 mm)
- Permanent Marker - White
- Vacuum Cleaner w/ hose size less than 1.5" (or 38mm) diameter.
- Air compressor with blow nozzle. (Optional)

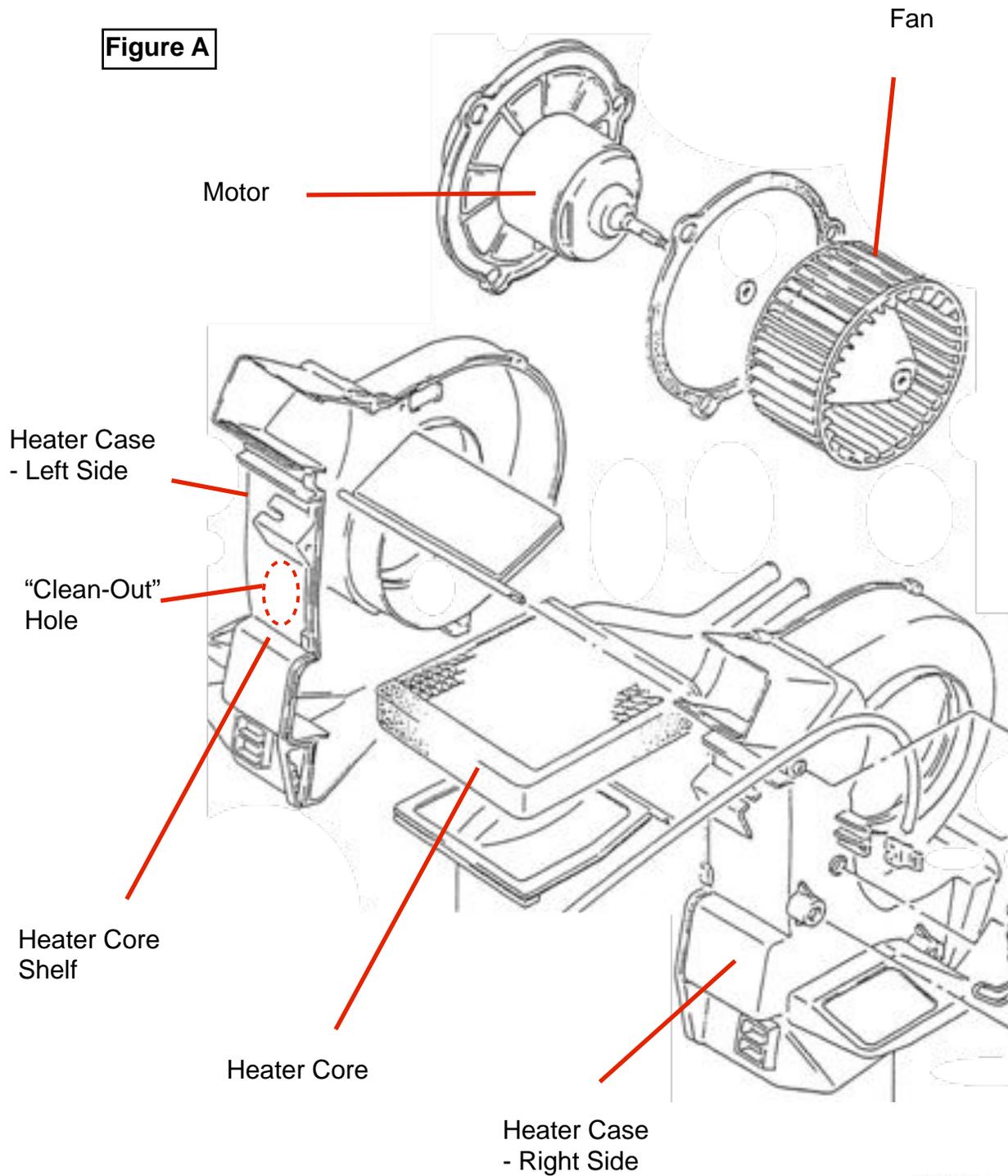
CAUTION: Safety glasses should be worn at all times when working with vehicles and related tools and equipment.

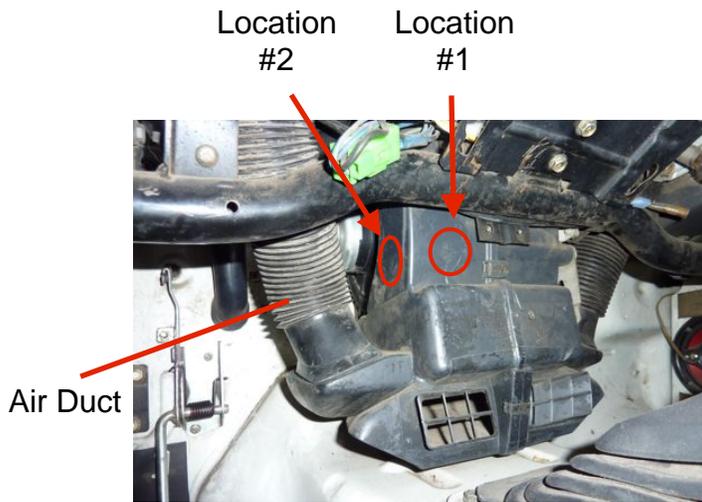


FOR ADDITIONAL COPIES OF THESE AND OTHER INSTRUCTIONS GO TO: www.lowrangeoffroad and click on the "TECH AND INSTRUCTIONS" tab.

Heater Parts Identification

Figure A



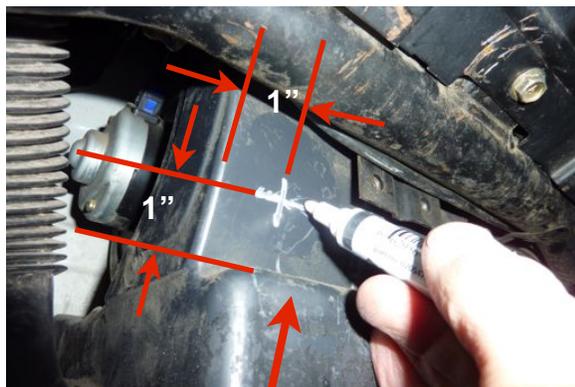


Step 1

Determine where to drill the hole. There are two choices; Location #1 and Location #2. It really does not matter. Location #1 is a little easier to access if you do not have a radio, CD player or CB radio in the way. If you choose Location #2 you will need to remove the air duct which is much easier than removing the radio, CD player or CB radio. We chose Location #1 for these instructions since we did not have any sound components in the way.

CAUTION:

Do **NOT** drill **BELOW** the red dashed line shown. If you **DRILL** below this line you will damage the heater core. See Figure A. If you damage the heater core you **WILL** have a much larger and much more expensive job on your hands.



Heater Core Shelf



Step 2

Locate and mark the center of the hole with a white permanent marker. The hole should be located approximately 1 inch (or 25 mm) inward from the edge of the case and 1 inch up from the heater core shelf.

Step 3

Drill the centering hole with the drill bit of the hole saw.





Step 4

Drill the “clean-out” hole in the heater case using the 1.5” (or 38mm) hole saw.

Note: Be sure the drill is not directed downward toward the heater core.



Step 5

Be sure the “clean-out” disc comes out with the hole saw after drilling.



Step 5 Continued

This is what we saw when we looked inside our heater case.



Step 6

Insert the vacuum hose in the hole and turn on the vacuum cleaner.



Step 7

Periodically remove the hose and remove any debris that may be lodged in the end of the hose.



Step 8

Continue vacuuming until all debris has been removed.



Step 8 Continued

We found it helpful to blow air from the bottom of the heater core with an air nozzle while vacuuming through the "cut-out" hole in the case.



Step 9

Once all the debris has been removed, remove the vacuum hose and install the supplied body plug.



Step 10

Turn the key to the "ON" position.



Step 11

Move the heater control switch to the highest position . . .



Step 12

. . . and feel the increased air flow. Replace any related parts (air ducts, sound system components, etc.) removed during this repair and put your tools away.



Congratulations!

You have successfully cleaned out your heater core case.



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 working 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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