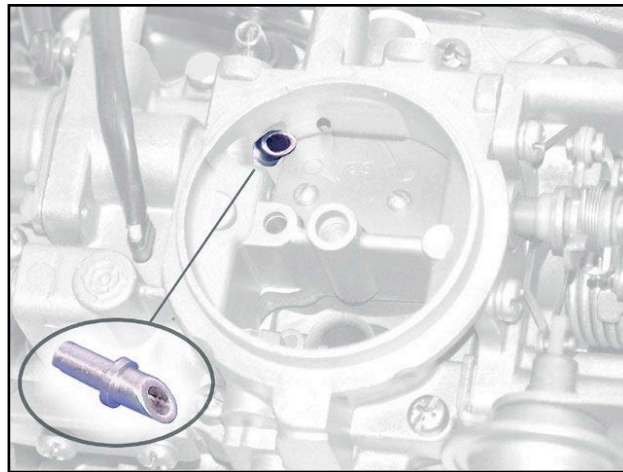


86-88 Suzuki Samurai Venturi Vent Tube Nozzle (SKU# SER-VENT)



Installation Instructions

For a video of this procedure click [HERE](#), or go to our web site.



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



Suggested Tools:

- Standard Screwdriver
- Phillips Screwdriver
- Slip-joint pliers
- 10 mm socket and ratchet.
- Carburetor cleaner
- Locking needle nose pliers
- 7/32" (1/4 drive, 12 point, deep socket)
- Hammer





Step 1

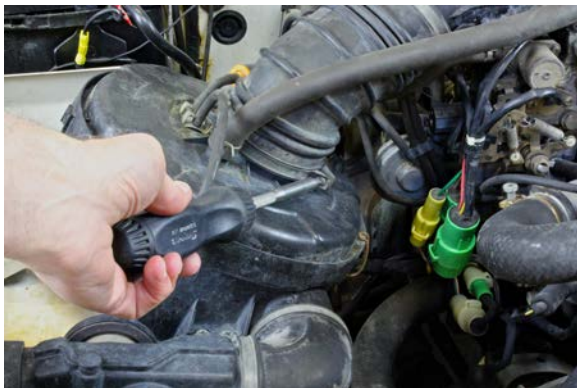
Remove the air intake case nut using a 10mm socket.



Step 2

Disconnect small vacuum tube from air intake case using a standard screwdriver as shown.

Note: The vacuum tube is on the valve cover side of the air intake case.



Step 3

Loosen the air intake duct clamp.



Step 4

Bend vacuum hose support and pull the vacuum hose away from air intake case.



Step 5

Remove the air intake case.



Step 6

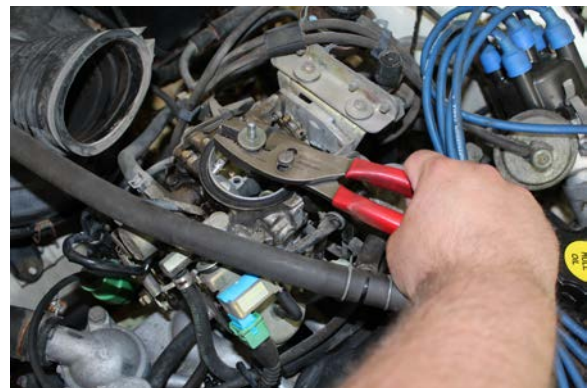
Insure that the choke valve is closed. If it is open, block it closed using locking needle nose pliers as shown. This will reduce the risk of accidentally dropping the nozzle down the throat of the carburetor.

CAUTION: If the nozzle is dropped down the throat, the carburetor will likely have to be removed to retrieve it.



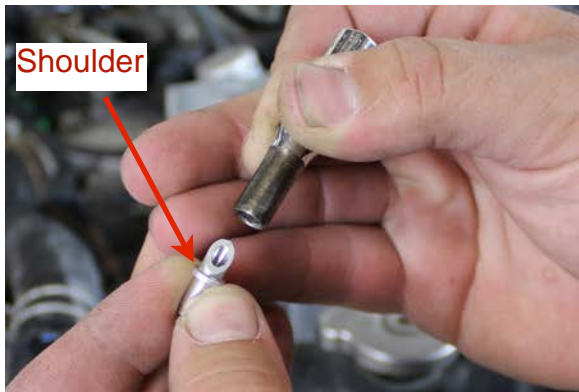
Step 7

Clean the choke, throat and vent tube area with carburetor cleaner.



Step 8

Remove the air intake case mounting stud for easier vent tube installation.



Step 9

Select the correct socket. The socket should be large enough to barely fit over the nozzle yet small enough to fully contacting the shoulder. We found a 7/32" 6 point deep socket worked well.



Step 10

Position the nozzle with the bevel "up" as shown.



Step 11

Tap the nozzle into the vent hole. Continue until the shoulder reaches the carburetor body.

CAUTION: Insure that the socket does not damage the carburetor body during this part of the procedure. Damage could occur if the socket diameter is to large.



Step 12

Inspect for properly seated nozzle. If the shoulder is not all the way down as shown; tap a few more times with the hammer and socket.



Step 13

Reassemble all previously removed parts in reverse order.

Note: Don't forget to reconnect the small vacuum tube under the air intake case!

Enjoy the improved performance of your Samurai!

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 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 07/06/12

© Copyright 2012 Low Range Off-Road, LC

All Rights Reserved

