



VENT TUBE KIT (VTK-001) INSTRUCTIONS

GENERAL DESCRIPTION

Suzuki issued TSB number 4-06-03109(R) which identified a known hesitation/flatspot during acceleration in Suzuki Samurai carbureted motors. The fix is the addition of the Suzuki Vent Tube which installed makes a significant difference in the overall performance of the motor. The Spidertrax Vent Tube Kit (VTK-001) includes this Suzuki Vent Tube, a custom installation tool, instructions on how to use these items, and the OEM TSB Data Sheet for reference.

To install the Spidertrax Vent Tube Kit follow these instructions:

- 1) Remove air intake case from carburetor.
- 2) Be sure vent tube area is free of any dirt or debris and verify if choke valve is closed.
- 3) Insert Suzuki Vent Tube into custom installation tool so chamfered portion of Suzuki Vent Tube is inside custom installation tool. Using soft mallet, carefully drive Suzuki Vent Tube into Vent Opening (shown in Figure 1) until shoulder bottoms out against carburetor surface. Suzuki Vent tube should be oriented so chamfered portion is facing up when installed.
- 4) Reinstall air intake case.

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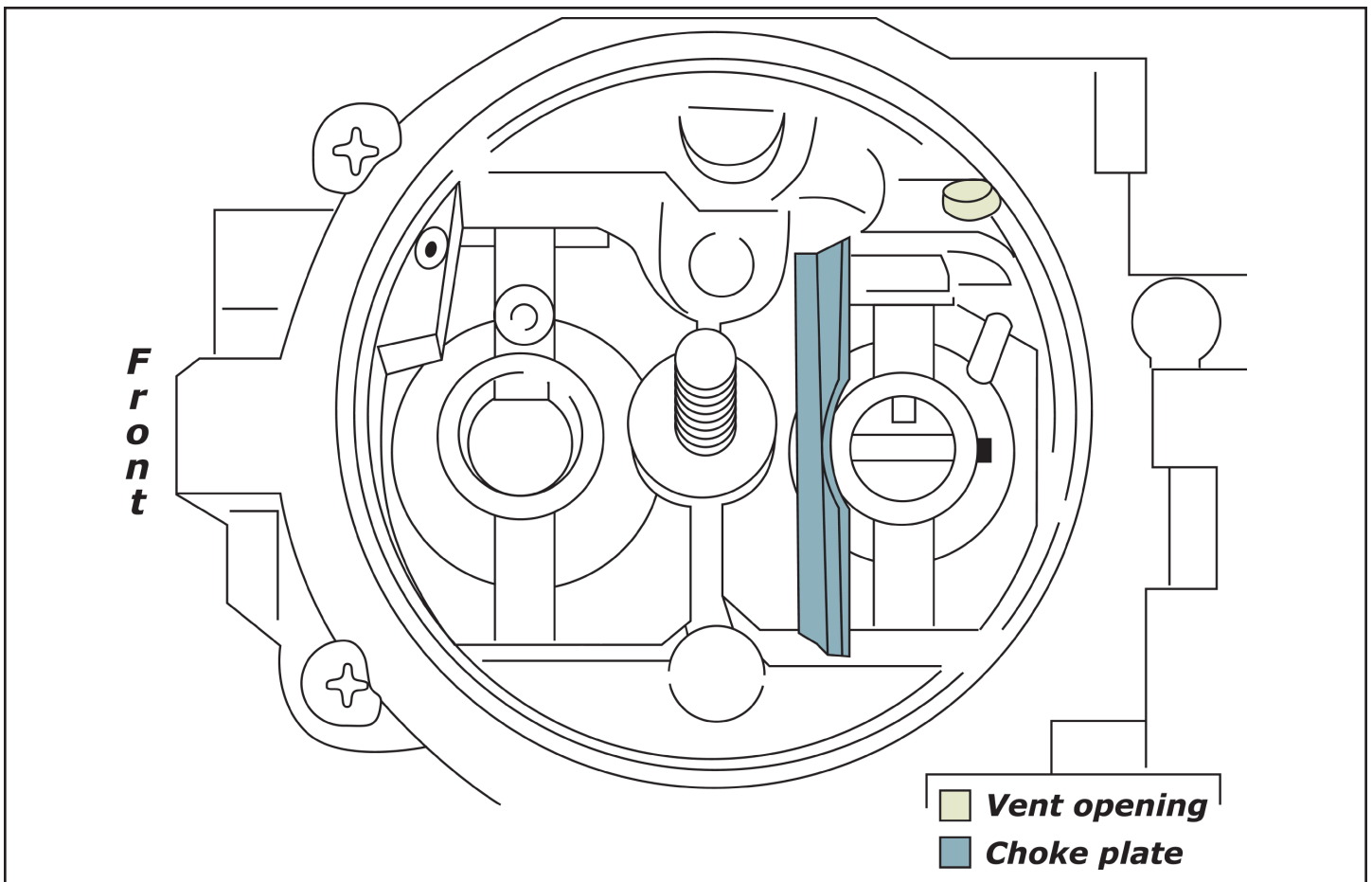


Fig. 1



SAMURAI Service Bulletin

Division: Automotive
Category: Technical

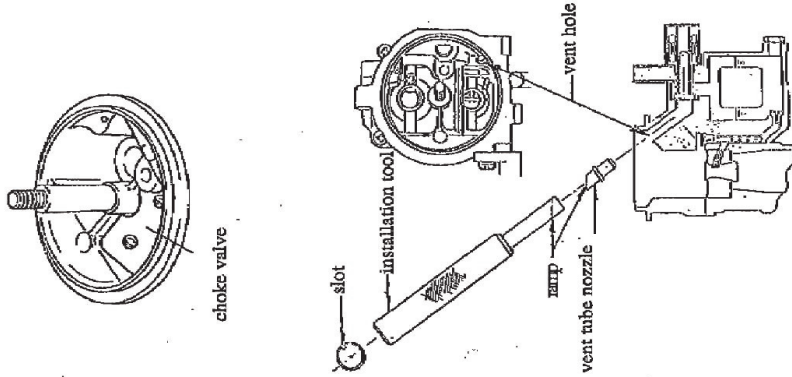
TSB No. TS 4-06 03109(R)
Section Title: Engine

SUBJECT: DRIVABILITY (HESITATION/FLAT SPOT)
MODEL: SAMURAI
YEAR: 1986-1988 (9/85 - 3/88 production)

Some Samurai vehicles may exhibit a hesitation/flat spot, in any gear, when accelerating from partial to wide-open throttle. Customers may refer to this as a lack of power. As with any customer complaint, verify the condition prior to attempting any repair.

Installation Procedures:

1. Remove the carburetor air intake case, exposing the carburetor throat.
2. Verify the choke valve is closed. If open, prop the choke valve closed to avoid dropping the vent tube nozzle into the carburetor throat. Be careful not to damage the choke linkage.
3. Locate and inspect the vent hole. Remove any dirt or debris.
4. Place the vent tube nozzle into the tool so that the tool ramp and nozzle ramp interface properly.
5. With the nozzle positioned in the tool, install the nozzle so that the tool slot is facing straight up. Use a 4 oz. ball peen hammer during this procedure to avoid damaging the vent opening. Drive the nozzle into place until the nozzle bottom rests on the carburetor body.
6. Reinstall the air intake case being careful to properly position the intake seal. If the choke was propped closed, verify the choke is free to operate. Reinstall the HIC vacuum hose and inspect all other vacuum hose connections.



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