

PETROWORKS

OFF-ROAD PRODUCTS

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Suzuki Samurai - Technical Bulletin

Division: Automotive
Category: Technical

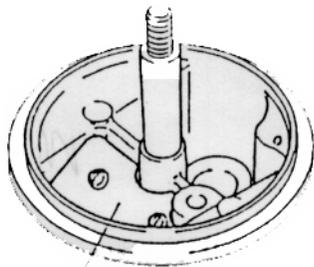
TSB No. TS 4-06 03109(R)
Section Title: Engine

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 acceleration 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.

To reduce or eliminate the hesitation/flat spot, install a vent tube nozzle in the carburetor throat. Attached are specific instructions on the installation procedure.

Installation Procedures:



Choke valve

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 shoulder bottoms out 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.

