

COMPLAINT

Late 2-3 upshifts

SECONDARY COMPLAINTS

- Sensitive 3-2 downshifts
- Loss of throttle pressure

CAUSE

Bore wear allows TV and downshift oil to react on the spring end of 2-3 shift valve, which causes delayed upshifts or sensitive 3-2 downshifts. Excess wear can elevate line pressure as downshift oil may bleed into TV circuit and boost line.

CORRECTION

The Sonnax Oversized Throttle Modulator Valve restores smooth valve actuation and properly modulated throttle pressure to shift valves for controlled shift timing.

Oversized (Gas) Throttle Modulator Valve, Spring & Tool Kit

36946-11K

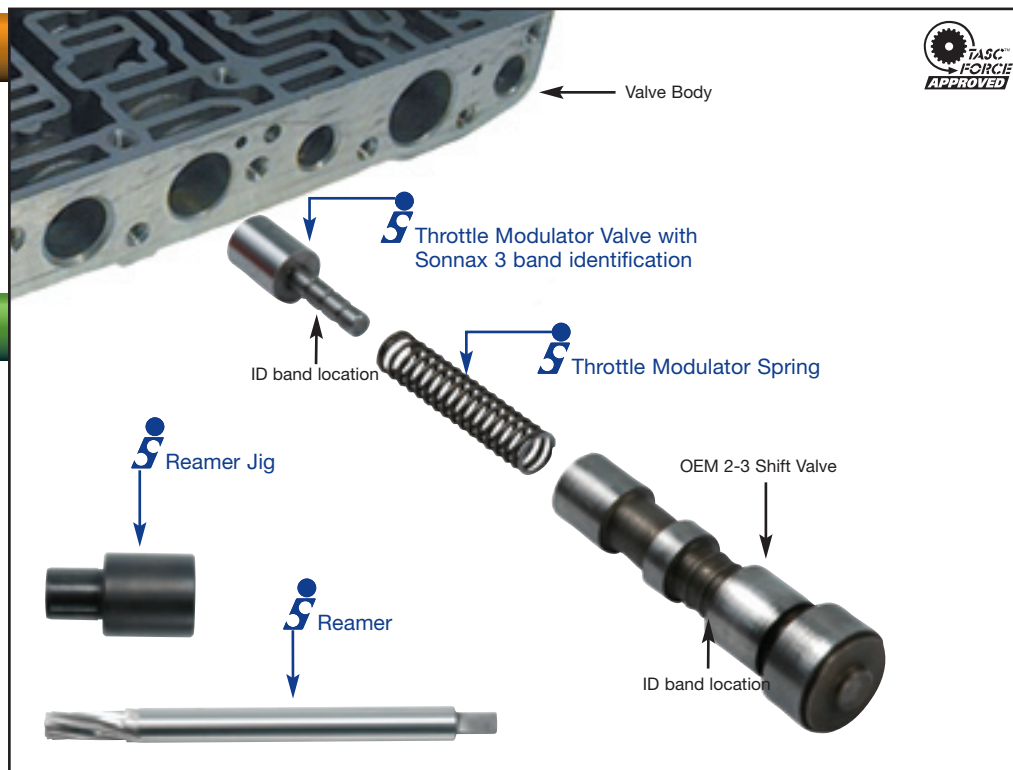
- 1 Oversized Throttle Modulator Valve
- 1 Spring



Note: Kit replaces the OEM .338" diameter throttle modulator valve, identified by a single groove on the small stem of the valve. Kit is not recommended to replace .300" or .318" diameter throttle modulator valves.

36946-TL2

- 1 Reamer
- 1 Reamer Jig



Sonnax Part Summary

This throttle modulator valve will restore OEM control when replacing the single band design, common to the gas unit in 1970 and later.

Sonnax has developed an oversized throttle modulator valve and spring kit **36946-11K** that eliminates cross leaks and restores proper pressure levels when used in conjunction with the **36946-TL2** tool kit to oversize the bore.

OEM Application Detail

Use this kit to replace:

- .338" TV common to '70 and later gas applications. Has one band on the TV and 2 bands on the 2-3 shift valve.

Do NOT use this kit to replace:

- .300" TV common to '66 - '70. No identification band on TV valve. Mates with one band on 2-3 shift valve.
- .318" TV common to diesel valve body. Has two identification bands. Mates with 3 bands on 2-3 shift valve which then has an additional spring inserted into the bore before the 2-3 valve.

Features & Benefits

- Valve is made from case-hardened steel to precise tolerances.
- Allows salvage of expensive valve bodies.