

COMPLAINT

SECONDARY COMPLAINTS

Poor throttle pressure control, very late or no upshift

• Hydraulic bind on accelerator linkage • Sensitive shift timing • Low line pressure • No kickdown

CAUSE

Wear on the throttle control valve and/or throttle plunger sleeves from the steel valves can allow TV oil to exhaust.

CORRECTION

The drop-in replacement throttle sleeves are manufactured from highly wear-resistant aluminum to eliminate cross leaks.

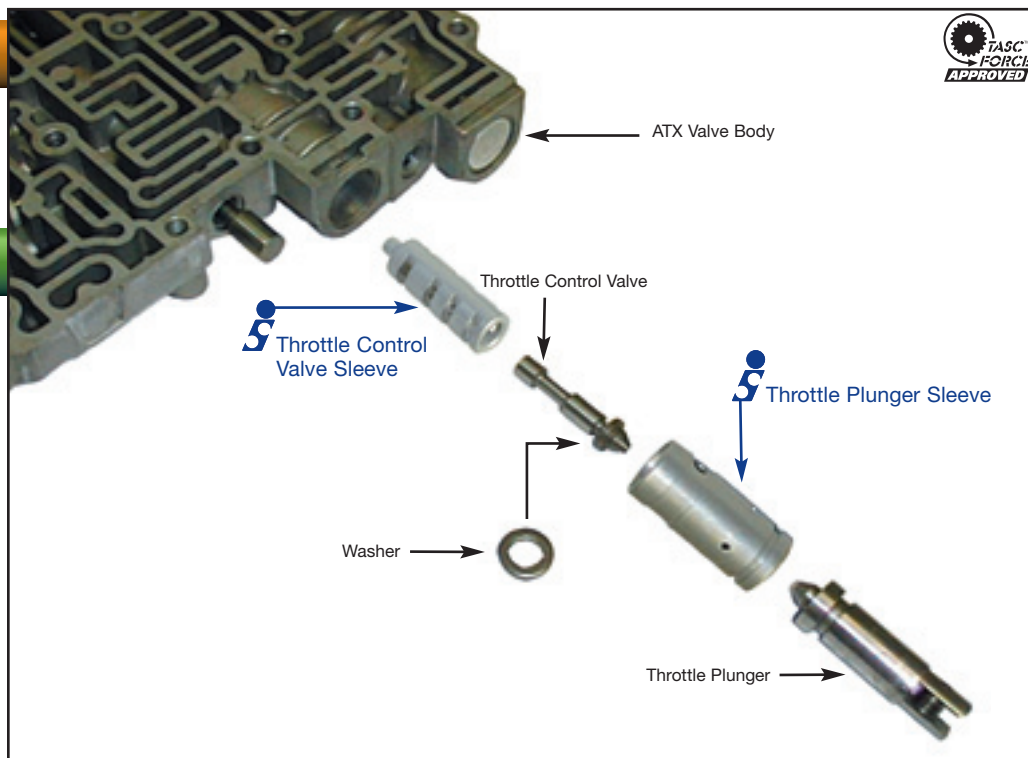
Throttle Control Valve & Plunger Sleeves

86940-01

1 Throttle Plunger Sleeve

86940-03

1 Throttle Control Valve Sleeve



Sonnax Part Summary

Vehicles with an ATX transmission frequently experience poor throttle pressure control, very late or no upshifts and a hydraulic bind on accelerator linkage. These complaints can be the result of a worn throttle control valve sleeve. The hardened steel throttle control valve continuously reciprocates in the aluminum sleeve. This wears the inside diameter of the sleeve and allows oil cross leakage. Regulated TV oil can become open to exhaust, resulting in throttle pressure and shift problems. If TV balance oil leaks, the result can be very late or no upshifts. The Sonnax replacement throttle control valve sleeve **86940-03** eliminates these problems, while our throttle plunger sleeve **86940-01** is designed to resist the wear from the throttle plunger, which can result in sensitive shift timing, low line pressure and/or no kickdown.

Features & Benefits

- Both sleeves are held to tight tolerances to restore sealing integrity with OEM valves.
- Both sleeves manufactured from highly wear-resistant aluminum to prevent wear.
- Drop-in replacement sleeves reuse OEM valves and require no machining of valve body.