

COMPLAINT

SECONDARY COMPLAINTS

Shift timing concerns and throttle buzz

- Poor kickdown due to low TV pressure
- Late 2-3 upshifts
- Oversensitive 3-2 downshifts

CAUSE

Wear at the inboard/balance circuit causes high throttle pressure and late upshifts. Wear of the OEM valve or the bore at the "V" metering groove circuit causes sensitive 2-3, 3-2 shift timing. Wear at the sleeve area reduces throttle pressure and causes early shifts.

CORRECTION

The Sonnax oversized valve and plunger restore proper clearances to prevent cross leaking and throttle buzz. The new Sonnax design allows this kit to be used in both early and late OEM units.

Oversized Throttle Valve Kit

22771-04K

- 1 Oversized Throttle Valve Plunger
- 1 Oversized Throttle Valve Sleeve
- 1 Oversized Throttle Valve
- 1 Alternative TV Spring
- 3 Shims

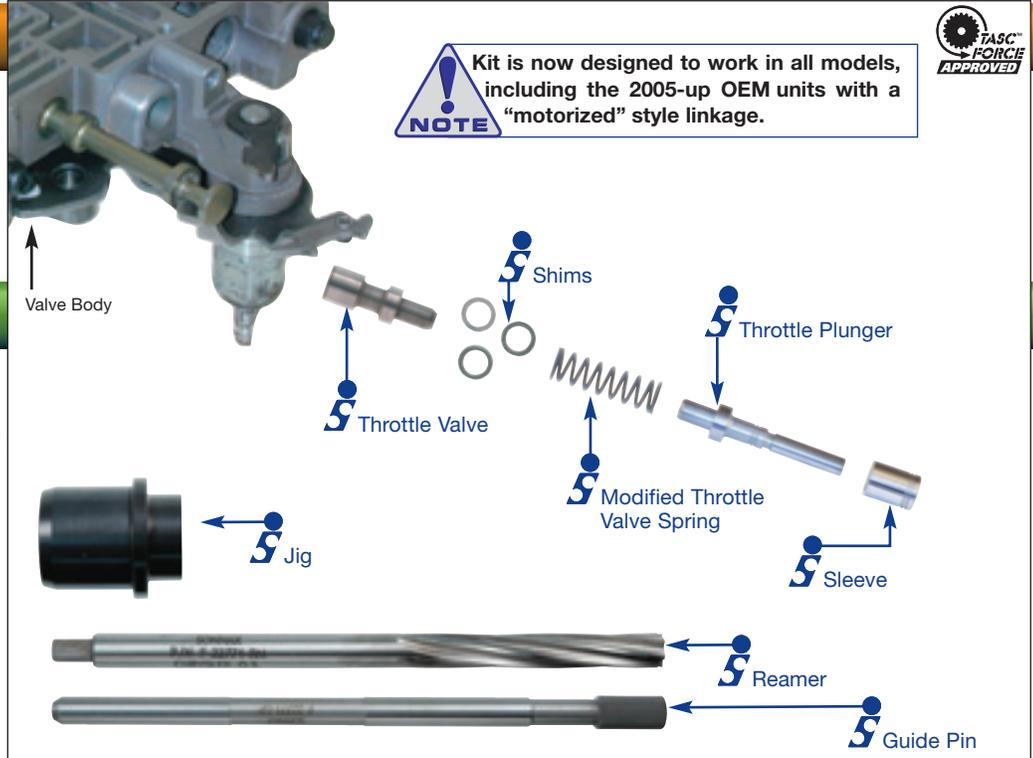


F-22771-TL

- 1 Reamer
- 1 Guide Pin
- 1 Jig



Note: This updated version replaces 22771-02K.



Sonnax Part Summary

Common complaints with Chrysler RWD units are shift timing concerns, throttle buzz, poor kickdown and/or early upshifts caused by throttle valve and bore wear. When only the valves are worn, Sonnax's drop-in replacement valve kit 22771-03K addresses these issues. However, when these complaints are caused by bore wear, the valve body typically has to be scrapped. Sonnax offers an oversized TV repair kit, 22771-04K, to salvage the valve body and restore throttle valve control by oversizing the bore and replacing the valve with an oversized version that restores proper clearances. Both Sonnax kits have been revised to work in all year models, including the 2005-up OEM units with a "motorized" style linkage.

Features & Benefits

- Throttle plunger, sleeve, and throttle valve are made from hardened steel for better wear resistance and to minimize damage from linkage contact and buzz.
- Kit includes three shims and an alternative TV spring to allow adjustment and tuning of TV pressure.
- Allows salvage of valve bodies with worn TV bores.
- Kit is now designed to work in all models, including the 2005-up OEM units with a "motorized" style linkage.