

COMPLAINT

SECONDARY COMPLAINTS

CAUSE

Severe wear of the TCC regulator bore allows regulated converter apply pressure to exhaust, while wear at the isolator valve bore reduces TCC apply pressure.

CORRECTION

Sonnax TCC Regulator Valve Kits restore hydraulic integrity to the bore and prevent side loading.

TCC Regulator Valve Kits

77754-03K

77754-04K

Each kit includes the following

- 1 Isolator Valve
- 1 Sleeve
- 1 Regulator Valve
- 1 Spring



77754-ISO

- 1 Isolator Valve Sleeve
- 1 Retaining Clip



Note: U.S. Patent Nos. 6,990,996 & 7,104,273

77754-R2

- 1 Reamer
- (Required for use with 77754-03K & -04K on non-serviced valve bodies)

77754-SERV

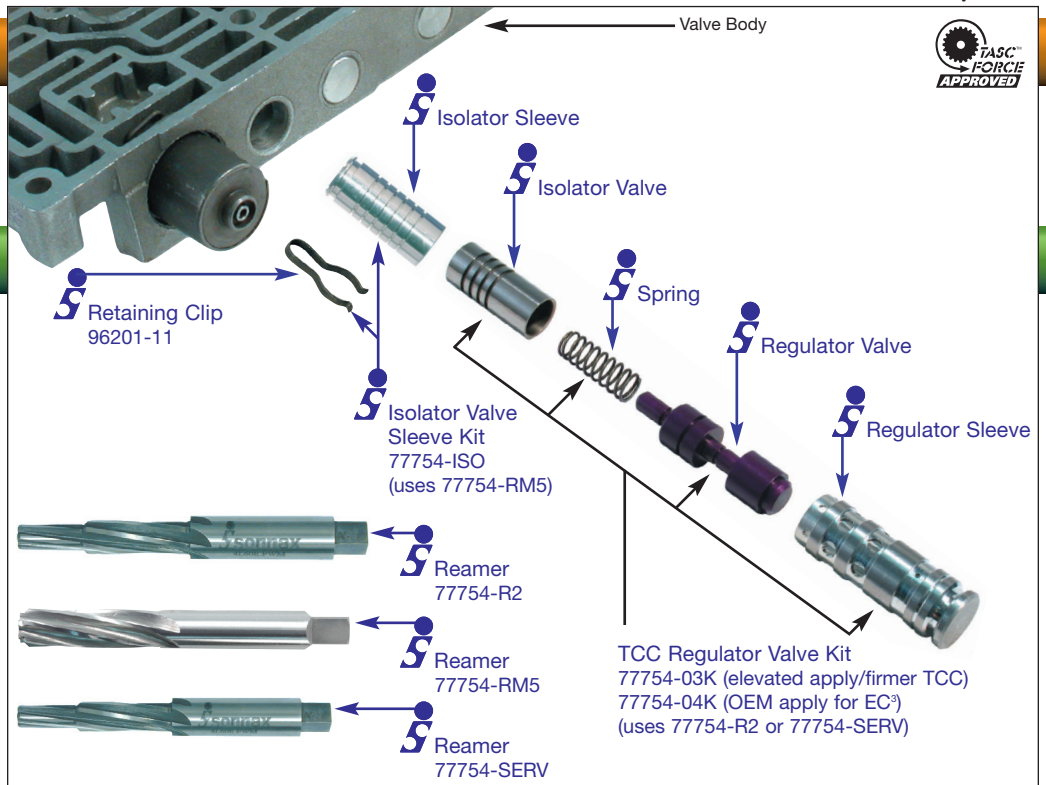
- 1 Reamer
- (Required for use with 77754-03K & -04K on GM serviced valve bodies)

77754-RM5

- 1 Reamer
- (Required with 77754-ISO. Regulator bore must be reamed first.)

1870 slip code, low TCC apply pressure

- Overheated converters • Harsh 1-2 shifts • Burned 3-4 clutch • Worn GM-serviced valve body bores



Sonnax Part Summary

The OEM valves on 4L60-E units wear the bore, creating pressure leaks that affect performance. The Sonnax TCC regulator valve kits allow you to restore hydraulic integrity without replacing the bore.

Features & Benefits

- Kits include a highly wear-resistant aluminum regulator sleeve to provide full support for the valves.
- Anodized aluminum valve has an annular groove for better valve centering within the sleeve.
- The isolator valve has been lengthened to operate in unworn portions of the bore, and also has annular grooves to prevent sideloading.
- There are two options available: 77754-03K for PWM and non-PWM units, and 77754-04K, which can be used in these as well as EC³ units.
- Wear-resistant aluminum isolator sleeve is available separately.
- Reamers allow GM-serviced or remanufactured valve bodies to accept kits.

Option 1: If the valve body has **NOT** been serviced (GM Remanufactured) and does **NOT** have a worn-out isolator bore, use 77754-R2 reamer and install either 77754-03K or 77754-04K.

Option 2: If the valve body has **NOT** been serviced (GM Remanufactured) but **DOES** have a worn-out isolator bore, use 77754-R2 reamer first (to cut regulator sleeve pocket), then 77754-RM5 reamer (to cut ISO sleeve pocket) then install 77754-ISO and either 77754-03K or 77754-04K.

Option 3: If the valve body **HAS** been serviced (GM Remanufactured) use 77754-SERV reamer first (to cut regulator sleeve pocket), then 77754-RM5 reamer (to cut ISO sleeve pocket), then install 77754-ISO and either 77754-03K or 77754-04K.

Save \$75-\$150 in valve body replacement costs