

COMPLAINT

SECONDARY COMPLAINTS

Valve bodies with worn PR bores cannot be salvaged

- Converter drainback • Delayed engagements • Lube failures

CAUSE

Poor converter line feed pressure caused by worn-out PR bores leads to delayed engagements and pump bushing and lube failure.

CORRECTION

The Sonnax steel valve kit offers increased stability while lube regulation improves converter feed at low RPM and high throttle conditions and allows bores to be oversized.

Oversized Lube Regulated PR Valve Kit

22771A-07K

- 1 OS Pressure Regulator Valve
- 1 OS Throttle Pressure Plug
- 1 Pressure Regulator Spring



F-22771A-TL7

- 2 Reamers
- 2 Reamer Jigs
- 2 Bore Guide Pins



VB-FIX

- 1 Valve Body Reaming Fixture

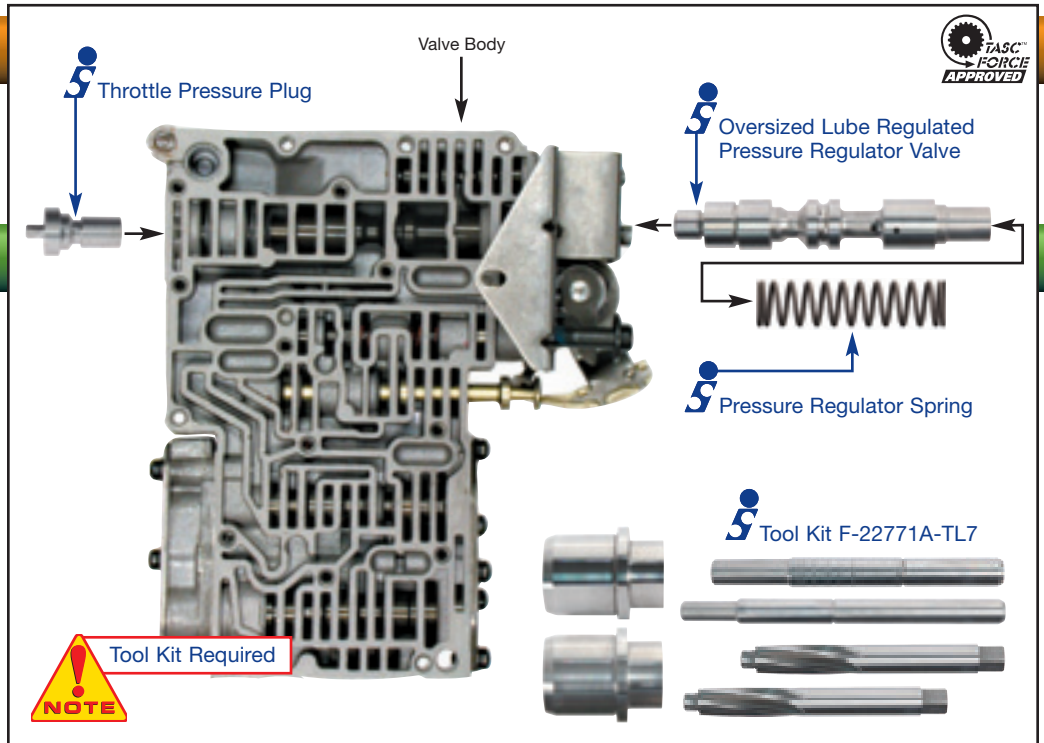
Also Available:

22771-09

- 1 Manual Valve

U.S. Patent No. 6,689,007

Important Note: Manual valve and PR valve can be used independently. For greatest benefit, use as a pair.



Sonnax Part Summary

In Chrysler RWD units, the cooler/converter charge circuit is not opened until the pressure regulator valve moves far enough to flow oil. The industry "fix" of drilling a small orifice between line pressure and cooler circuit ensures flow to the converter/lube circuit, but the hole also increases the converter drainback problem because ATF can drain when the engine is turned off. Sonnax offers a standard-size pressure regulator valve, 22771A-02K, that resolves these problems, but this valve cannot be used in severely worn valve bodies. Sonnax now offers 22771A-07K, an oversized lube regulated pressure regulator valve and throttle pressure plug kit that allows rebuilders to salvage worn valve bodies.

Features & Benefits

- Oversized pressure regulator valve is designed with an internal check valve that allows oil to flow into the converter charge circuit as soon as the vehicle is started.
- Internal valve shuts down once line pressure reaches normal levels.
- With engine off, the internal check valve prevents fluid from draining out through the orifice, reducing converter drainback.
- Kit includes a matched oversized throttle pressure plug and pressure regulator spring.



One-way flow control circuit improves converter feed at idle and under heavy throttle.