

## Chrysler 42RE, 42RH, 44RE, 44RH, 46RE, 46RH, 47RE, 47RH, 48RE, A727, A904

### Lube Regulated Pressure Regulator Valve

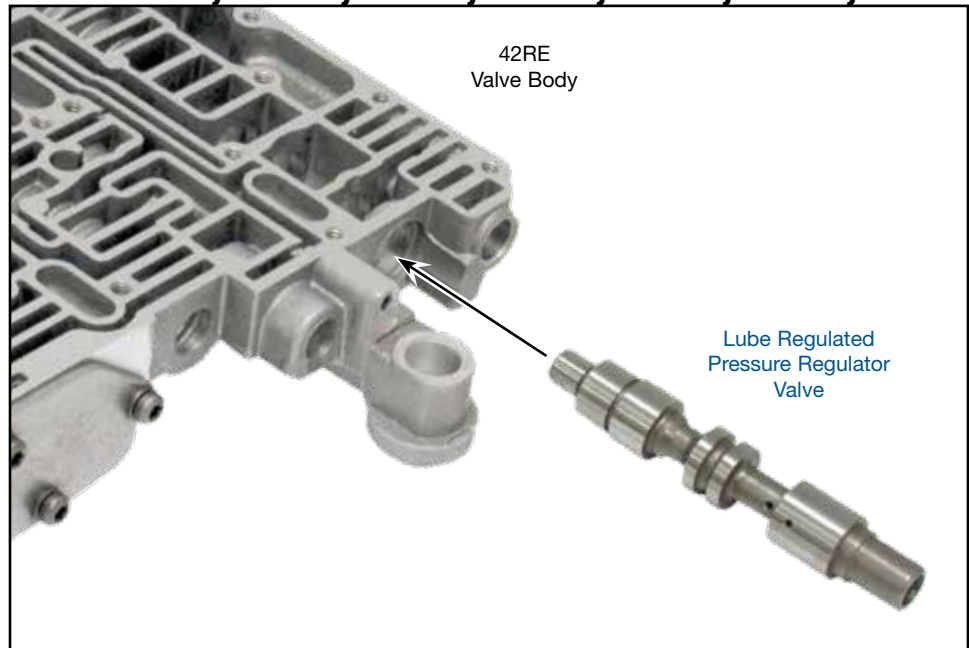
**Part No.**

**22771A-02K**

Patent No. 6,712,726

**NOTE:** Fits '78-later only (Figure 1)

Sonnax pressure regulator valve and manual valve (available separately) can be used independently, but are of greatest benefit when used as a pair.



'77-Earlier Pressure Regulator Valve



**NOTE:** Do not use Sonnax valve if this style of OE valve is equipped.

'78-Later Pressure Regulator Valve



Figure 1

### 1. Valve Body Inspection

(Figure 2)

- a. If a line-to-lube hole has been drilled in the pressure regulator valve circuit, it should be plugged to reduce converter drainback.
- b. Inspect the line pressure plug and sleeve. Leakage here will result in poor line pressure control.
- c. Inspect the TV checkball separator plate seat. Leakage here may produce stacked shifts and/or no kickdown.

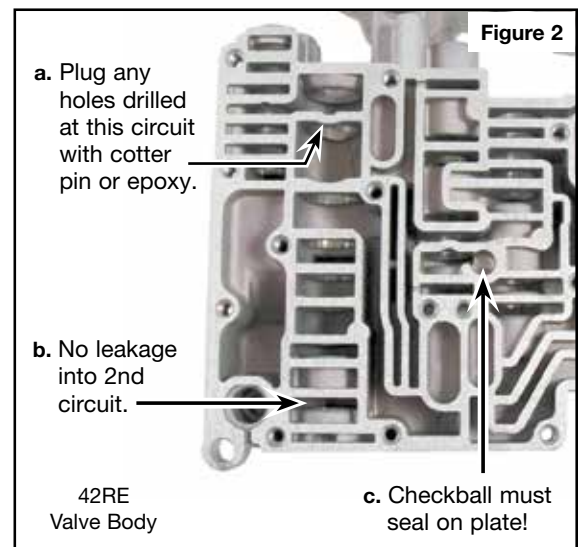


Figure 2

### 2. Disassembly

- Remove OE detent assembly and spring retainer bracket and save for reuse (**Figure 3**).
- Remove and discard OE pressure regulator valve.



**NOTE:** The Sonnax pressure regulator valve is a two-piece design that is held together with a retaining ring. Before installation, verify retaining ring is seated securely (**Figure 4**).

### 3. Installation & Assembly

- Install Sonnax pressure regulator valve.
- Adjust pressure regulator adjusting screw so that there is a .300–.350" gap between the inside of the plates (**Figure 5**).
- Line pressure can be verified with a gauge after installation (pressure tap on passenger side, middle of case, between accumulators). Line pressure should be 62–65 psi idle in Drive.



**IMPORTANT:** Line pressure in excess of 80 psi may cause binding due to cross-leaks and excessive throttle sensitivity.



**NOTE:** To prevent converter slippage, restricted cooler flow and possible hydraulic noise, remove the cooler line drainback valve.

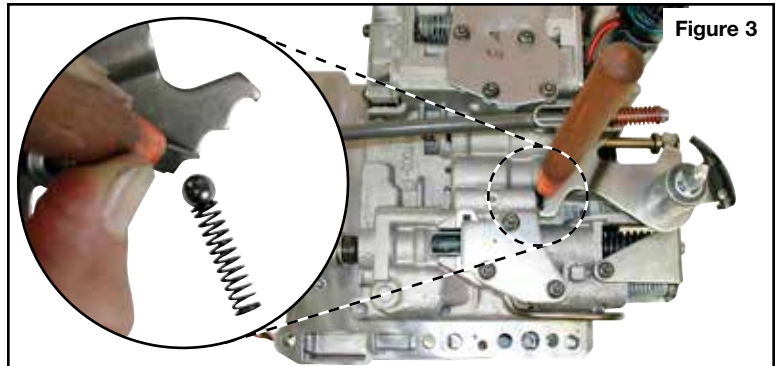


Figure 3

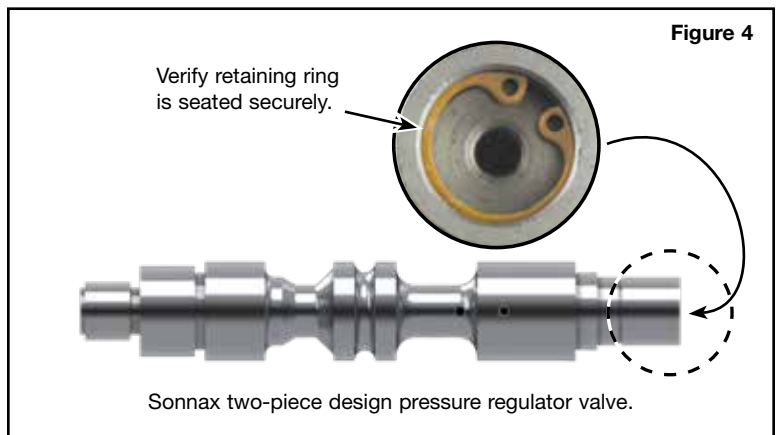


Figure 4

Sonnax two-piece design pressure regulator valve.

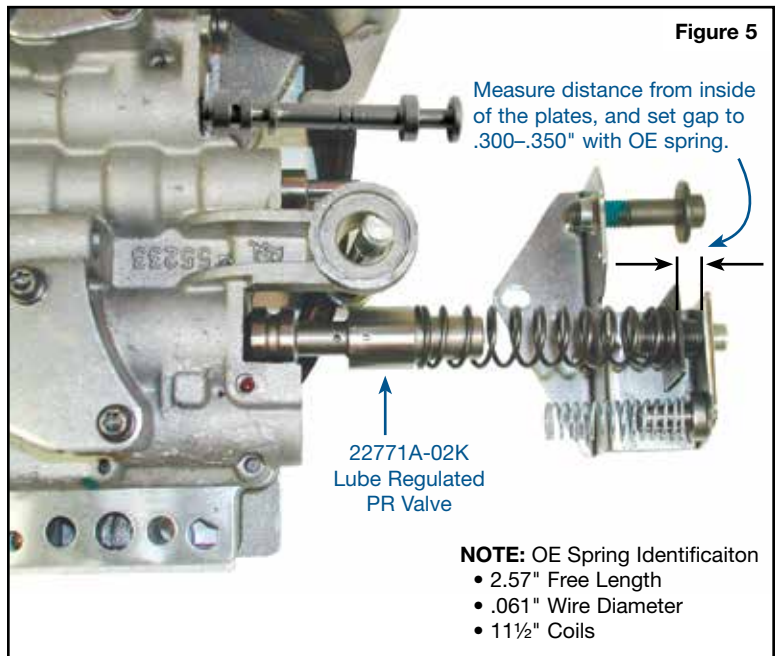


Figure 5

**NOTE:** OE Spring Identification

- 2.57" Free Length
- .061" Wire Diameter
- 11½" Coils