

## Oversized Throttle Valve Kit



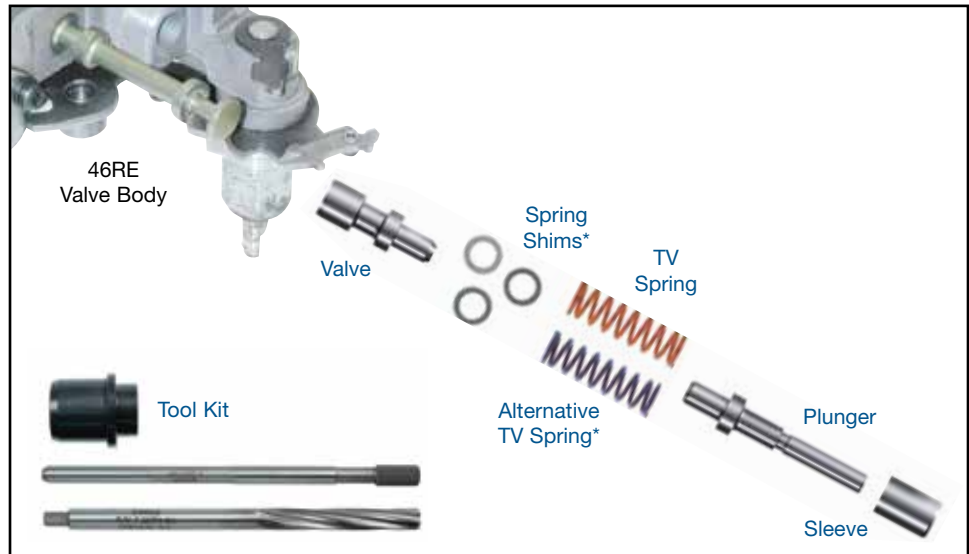
### Part No.

## 22771-04K

- Valve
- Plunger
- Sleeve
- Spring Shims (3)\*
- TV Spring Orange
- Alternative TV Spring\* Purple

\* Performance Use Only

**NOTE:** Fits all Chrysler RWD models, including '05-later units with motorized linkage.



## Tool Kit



### Part No.

## F-22771-TL

- Reamer
- Reamer Jig
- Guide Pin

**NOTE:** Sonnax "F-Tool" kits designed to service a specific bore require the VB-FIX, a self-aligning valve body reaming fixture. More information and instructions can be found online at [www.sonnax.com](http://www.sonnax.com).

### 1. Disassembly

Remove OE throttle valve train. Set aside retainer for reuse; discard other parts.

### 2. Bore Reaming

Ream throttle valve bore (for reaming instructions/reamer care, please visit [www.sonnax.com](http://www.sonnax.com)). Sonnax reaming tool kit **F-22771-TL** and **VB-FIX** are required for this operation.

### 3. Installation & Assembly

- Be certain all debris has been removed from the valve bore and valve body.
- Install Sonnax throttle valve, spring shims (\*if desired, see chart below), one of two throttle valve springs, plunger and sleeve.
- Secure valve train with OE retainer.

### 4. Adjust TV Stop

Using available Chrysler gauge or equivalent, set stop distance between throttle lever and throttle plunger to **.627"**. To obtain correct distance, throttle valve must be fully bottomed and throttle valve spring fully compressed. With gauge in place, valve train should have no movement.

### Customizing TV Pressure for Performance Applications

Shims can be installed on TV valve stem to customize shift points

	Spring/Shim Selection	Approx. Change to TV Pressure
Higher Upshifts	Use of 3 shims is NOT recommended	
	Sonnax Throttle Spring + 2 Shims	+ 14 psi
	Sonnax Throttle Spring + 1 Shim	+ 7 psi
Lower Upshifts*	Sonnax Alternative TV Spring + 3 Shims	- 7 psi
	Sonnax Alternative TV Spring + 2 Shims	- 14 psi
	Sonnax Alternative TV Spring + 1 Shim	- 21 psi
	Sonnax Alternative TV Spring ONLY	- 28 psi

