

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

Oversized Throttle Valve Kit



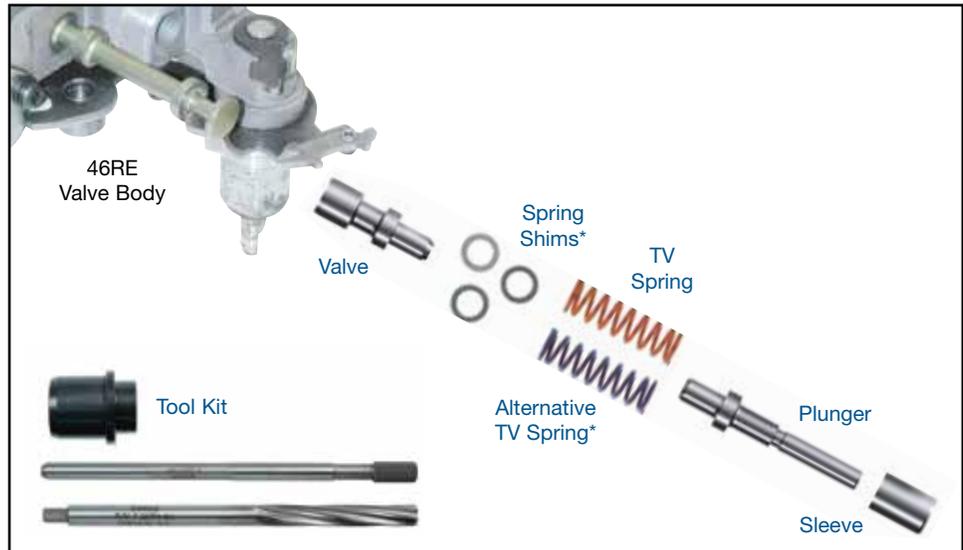
Part No.

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.

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). 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

