

### K2 Clutch/B1 Brake Control Valve Kit

**Part No.**  
**25741-05K**



- Sleeve
- Spring
- Valve

**NOTE:** Fits either of 2 locations.

### Tool Kit

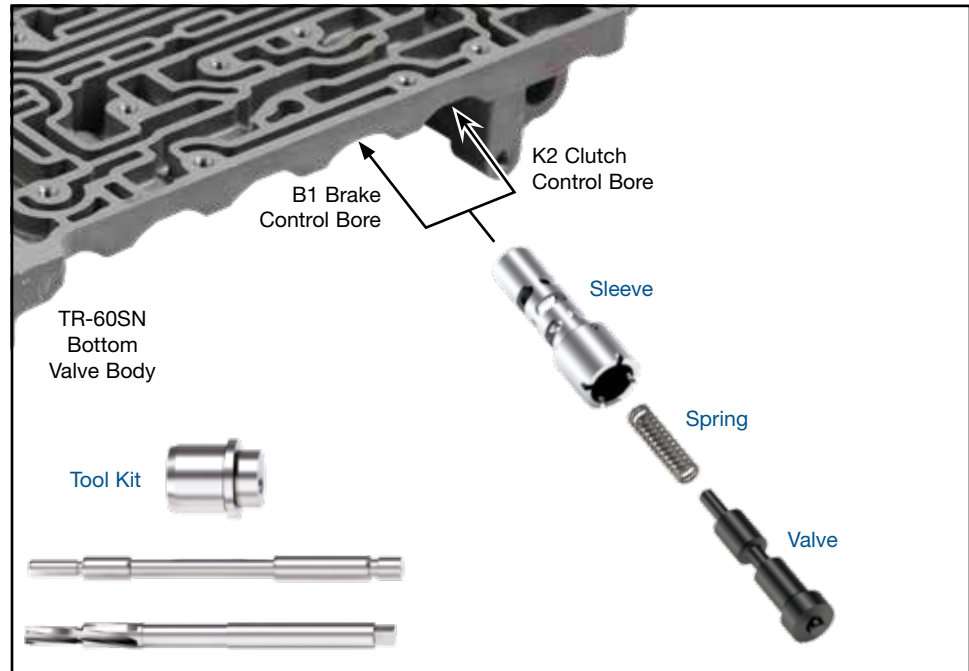
**Part No.**  
**F-25741-TL5**



- 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).

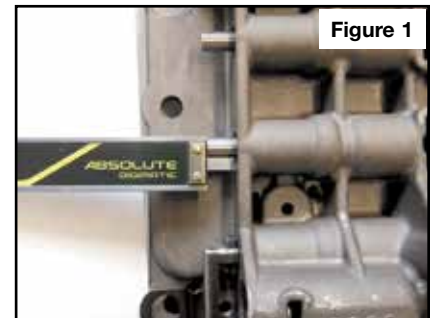
### Aisin AW TR-60SN; VW/Audi 09D



**NOTE:** The spring adjuster position must be recorded, and the adjuster returned to its OE position during reassembly.

#### 1. Disassembly

- Measure and record the distance from the end of the adjuster to the valve body casting (**Figure 1**).
- Remove and save the solenoid retaining pin and solenoid, adjuster retainer and adjuster.
- Remove and discard OE valve and spring.



#### 2. Bore Reaming

Ream K2 clutch/B1 brake control bore (for reaming instructions/reamer care, please visit [www.sonnax.com](http://www.sonnax.com)). Sonnax reaming tool kit **F-25741-TL5** and **VB-FIX** are required for this operation.

#### 3. Installation & Assembly

- Be certain all debris has been removed from the valve bores and valve body.
- Install adjuster to position previously recorded during disassembly procedure, followed by the retainer.



**NOTE:** Component apply pressure leakage past the adjuster threads can be reduced by using an ATF compatible thread sealant, such as Permatex® 24163 Surface Prep and 24206 Thread Locker, on the spring adjuster. Compound must not create a permanent set.

### 3. Installation & Assembly (continued)

- c. Install Sonnax spring between Sonnax valve and sleeve.
- d. Install Sonnax sleeve/spring/valve assembly. A deep well socket can be used for pressing the assembly into place.
- e. Reinstall the OE solenoid and solenoid retaining pin.

### 4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 18 in-Hg (**Figure 2**).

