

**Oversized K3 Clutch Control Valve Kit**

**Part No.**  
**15741-59K**



- Valve
- Spring

**Tool Kit**

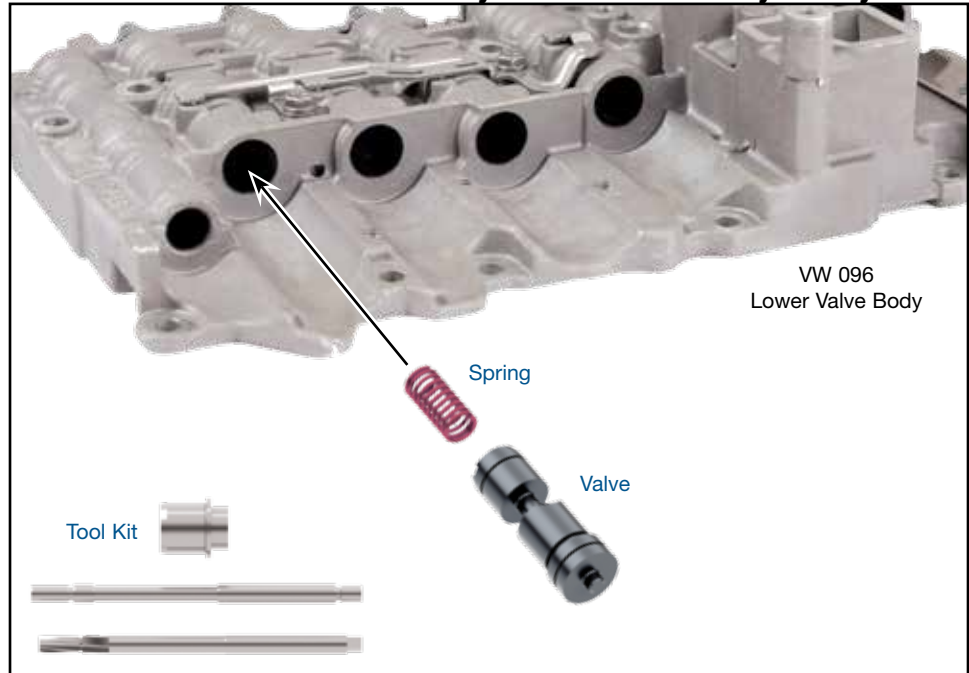
**Part No.**  
**F-15741-TL59**



- 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 TF-60SN;  
Mini 6F21WA; VW/Audi 09G, 09K, 09M**



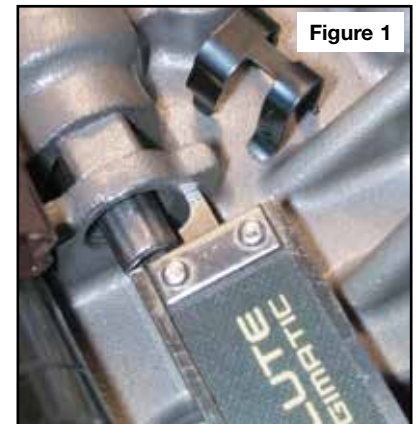
**CAUTION:** Prior to removal of spring adjustment plug, measure and record the distance from the plug to the casting (**Figure 1**). This dimension must be matched during reassembly.

**1. Disassembly**

- Remove and save OE adjustment plug retaining clip.
- Measure and record adjustment plug-to-casting distance, then remove and save OE adjustment plug.
- Remove OE retaining pin and solenoid, set aside for re-use.
- Remove and discard OE valve and spring.

**2. Bore Reaming**

Ream K3 clutch control valve bore (for reaming instructions/reamer care, please visit [www.sonnax.com](http://www.sonnax.com)). Sonnax reaming tool kit **F-15741-TL59** and **VB-FIX** are required for this operation.



**Figure 1**

Location shown may not match your particular application; picture is to illustrate measuring procedure only.

### 3. Installation & Assembly

- Be certain all debris has been removed from valve bore and body.
- Reinstall OE spring adjustment plug and set to the reference dimension noted in disassembly procedure, then reinstall OE adjustment plug retaining clip.



**NOTE:** To reduce pressure loss past the spring adjustment plug threads, an ATF-compatible thread sealant can be used. Permatex® 24163 surface prep activator combined with blue Threadlocker works well for this purpose. Compound used must not create a permanent set.

- Install Sonnax spring, followed by Sonnax valve; ensure spring is secured in spring pocket during installation.
- Reinstall OE solenoid and retaining pin.

### 4. Final Testing

Vacuum tests at the ports indicated hold the recommended minimum 18 in-Hg (Figure 2).

