

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

**Oversized Main  
Relay Valve Kit**



**Part No.  
15741-70K**

- Relay Valve
- Shuttle Valve
- Spring

**Tool Kit**



**Part No.  
F-15741-TL70**

- 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 retaining clip and save for reuse.
- Remove and discard OE spring, main relay valve and main relay shuttle valve.

**2. Bore Reaming**

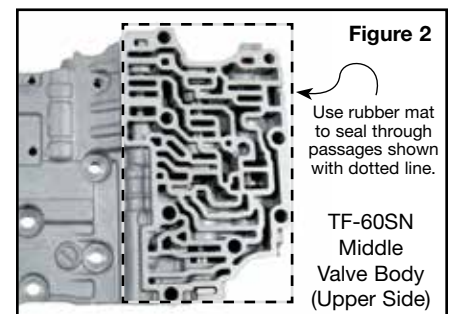
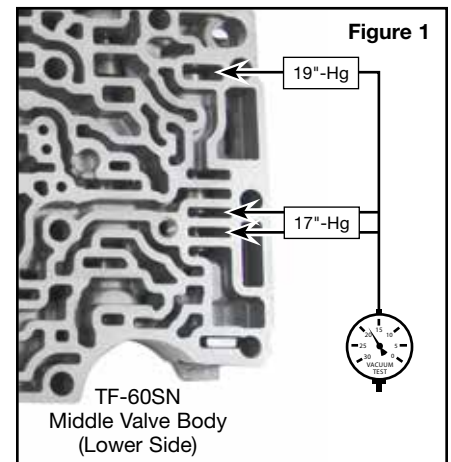
Ream main relay bore (for reaming instructions/reamer care, please visit [www.sonnax.com](http://www.sonnax.com)). Sonnax reaming tool kit **F-15741-TL70** and **VB-FIX** are required for this operation.

**3. Installation & Assembly**

- Ensure all debris has been removed from valve bore and body.
- Install Sonnax main relay shuttle valve.
- Install Sonnax main relay valve, followed by Sonnax spring.
- Reinstall OE retaining clip.

**4. Final Testing**

Vacuum testing at the port(s) indicated holds the recommended minimum 17 and 19 in-Hg (Figure 1).



**NOTE:** Must block adjacent passage on opposite (upper) side of valve body during testing (Figure 2).