

## Oversized Solenoid Switch Valve & Plug Kit

**Part No.**  
**92835-32K**

- Valve
- Inner Plug
- Outer Plug
- End Plug
- O-Rings (2) 1 Extra

**NOTE:** Fits bores containing OE switch valve with .420" dia. large spool only (main photo).

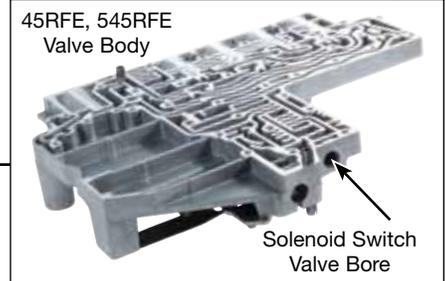
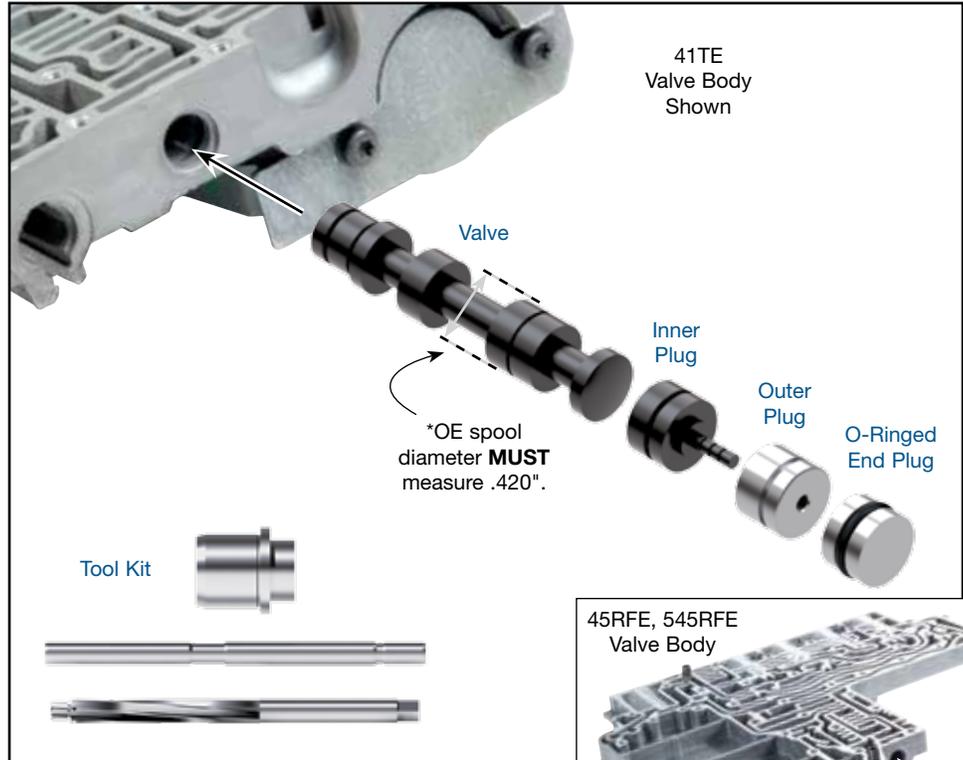


## Tool Kit

**Part No.**  
**F-92835-TL32**

- 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).



**NOTE:** Large spool of OE switch valve must be .420" dia. (main photo). If spool measures .420", continue installation. If spool measures .453", **STOP!** This Sonnax kit cannot be used.

Instead, install Sonnax oversized solenoid switch valve & plug kit **92835-31K** after reaming bore with Sonnax tool **F-92835-TL31**.

### 1. Disassembly

- Remove OE retainer, end plug and switch valve plugs and set aside.
- Remove OE switch valve and measure large spool. If large spool is .420" dia., proceed to step "c". If spool measures .453", **STOP** and see note above.
- If OE switch valve spool measures .420" dia., discard OE end plug, switch valve plugs and switch valve. Keep OE retainer for reuse.

### 2. Reaming

Ream solenoid switch valve bore (for reaming instructions/reamer care, please visit [www.sonnax.com](http://www.sonnax.com)). Sonnax reaming tool kit **F-92835-TL32** and **VB-FIX** are required for this operation.



**TECH TIP:** These valve bodies commonly warp and allow pressure to escape the switch valve circuit. Recommend flat-sanding the casting to ensure pressure is properly contained.

### 3. Installation & Assembly

- Thoroughly clean valve bore and body.
- Install Sonnax solenoid switch valve, small diameter first (**main photo**).
- Install Sonnax switch valve plugs. Outer plug has a slight chamfered edge on one side; this side must face outward (**Figure 1**).
- Install Sonnax O-ring onto Sonnax end plug and lubricate. Roll on clean bench to size O-ring into groove.
- Insert O-ringed end plug into bore, nub facing inward (**Figure 2**).
- Reinstall OE retainer.

### 4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 16 in-Hg (**Figures 3 & 4**).

