

Chrysler 40TE, 40TES, 41AE, 41TE, 41TES, 42LE, 42RLE, 45RFE, 545RFE, 65RFE, 66RFE, 68RFE

Oversized Solenoid Switch Valve Plug Kit



Part No.
92835-22K

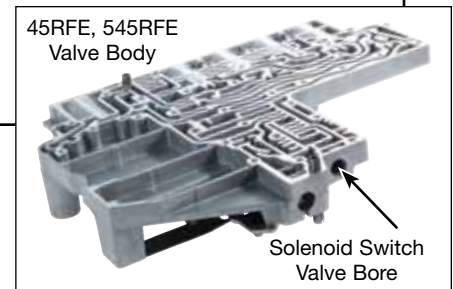
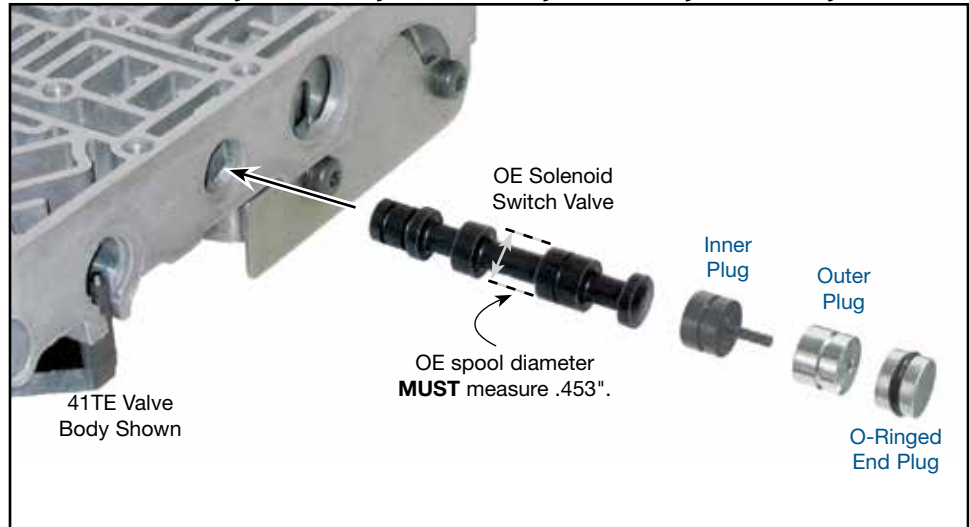
- Inner Plug
- Outer Plug
- End Plug
- O-Ring

Patent No. 7,001,300

NOTE: Fits bores containing OE switch valve with .453" dia. large spool only (see main illustration).

Reamer

Part No.
92835-RM22



NOTE: Large spool of OE switch valve must be .453" dia. (main photo). If spool measures .453", continue installation. If spool measures .420", **STOP!** This Sonnax kit cannot be used. Instead, install Sonnax oversized solenoid switch valve plug kit **92835-18K** after reaming bore with Sonnax tool **92835-RM** or **F-92835-TL18**.

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

2. Reaming

Ream switch valve plug bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reamer **92835-RM22** is 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

- a. Thoroughly clean valve bore and body
- b. Reinstall OE solenoid switch valve.
- c. Install Sonnax switch valve plugs. Outer plug has a slight chamfered edge on one side; this side must face outboard (**Figure 1**).
- d. Install Sonnax O-ring onto Sonnax end plug and lubricate. Roll on clean bench to size O-ring into groove.
- e. Insert O-ringed end plug into bore, nub facing inboard towards switch valve plugs (**Figure 2**).
- f. Reinstall OE retainer.

4. Final Testing

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

