

Oversized Solenoid Switch Valve

Part No.

92835-21

NOTE: This kit fits bores containing OE switch valve with .420" dia. large spool only (see main illustration).

NOTE: This kit does NOT fit 41TE and 42RLE VLP (variable line pressure) units. VLP units can be identified by the presence of a line pressure solenoid and sensor.

NOTE: To maintain proper hydraulic ratios, it is highly recommended that this kit be installed along with Sonnax oversized switch valve end plug kit **92835-18K**.

NOTE: If oversized switch valve end plugs are required, the bore for the end plugs must be reamed prior to reaming the solenoid switch valve bore.

NOTE: To ream the switch valve end plug bore AND the switch valve bore in one step, **F-92835-TL32** is recommended.



Tool Kit

Part No.

F-92835-TL

• Reamer • Guide Pin • Reamer Jig

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.



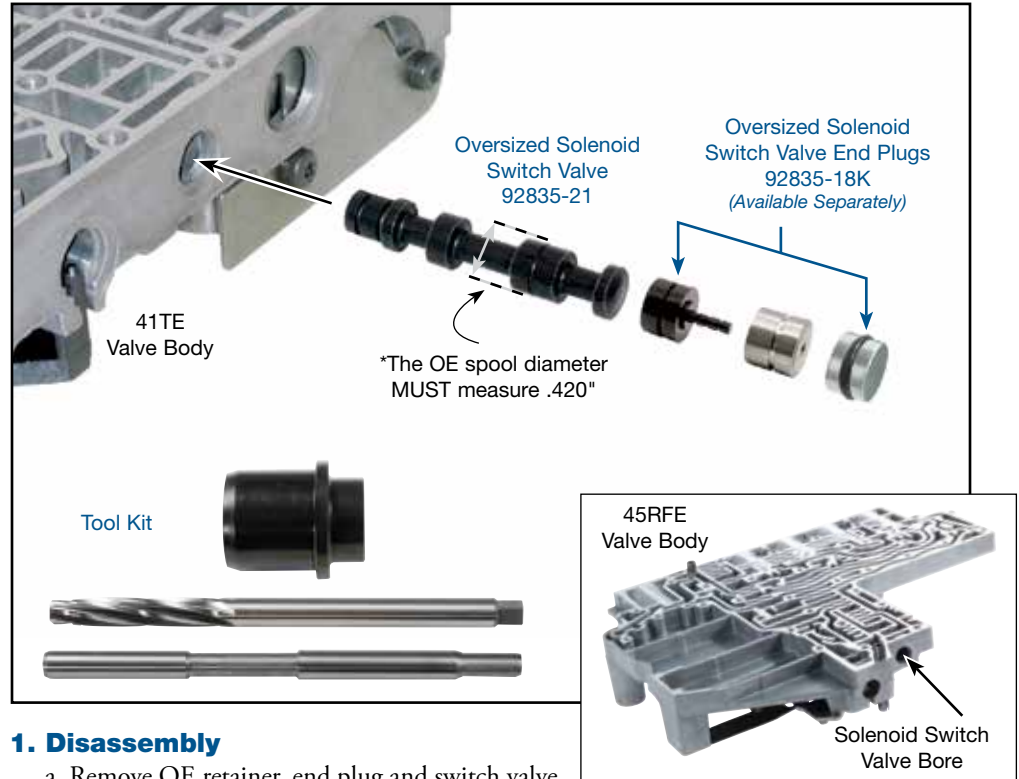
Also Available

Oversized Solenoid Switch Valve End Plug Kit

92835-18K Requires **F-92835-TL18** or **92835-RM**

NOTE: **92835-RM** cannot be used on 62TE.

Chrysler 41TE, 42LE, 42RLE, 45RFE, 545RFE, 62TE, 68RFE



1. Disassembly

- Remove OE retainer, end plug and switch valve plugs and set aside.
- Remove OE switch valve and measure large spool diameter. The spool diameter must be .420". If spool measures .453", **STOP**. You cannot install this kit in your valve body.
- Discard the OE switch valve.
- If wear is detected in the switch valve end plug bore, discard OE plugs and separate kit **92835-18K** will be required (**Figure 1**).
- If no wear is detected in the switch valve end plug bore, retain OE plugs for reuse.

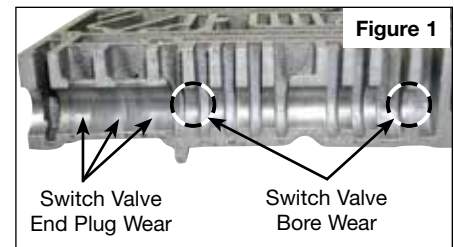
2. Reaming

- If wear is detected in the switch valve end plug bore, first ream with **F-92835-TL18** or **92835-RM**. Oversized solenoid switch valve end plug kit **92835-18K**, available separately, will be required.



NOTE: **92835-RM** will not work for the 62TE. **F-92835-TL18** will work for the 62TE.

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



3. Installation & Assembly

- Thoroughly clean valve bore and body.
- Install Sonnax solenoid switch valve, small diameter first (main photo).
- Install switch valve plugs.
- Reinstall OE OE retainer.

4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 16 in-Hg.



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.

