

### Oversized Solenoid & Converter Feed Limit Valve Kit



Part No.

**56947J-61K**

- Solenoid Feed Limit Valve
- Converter Feed Limit Valve

### Tool Kit

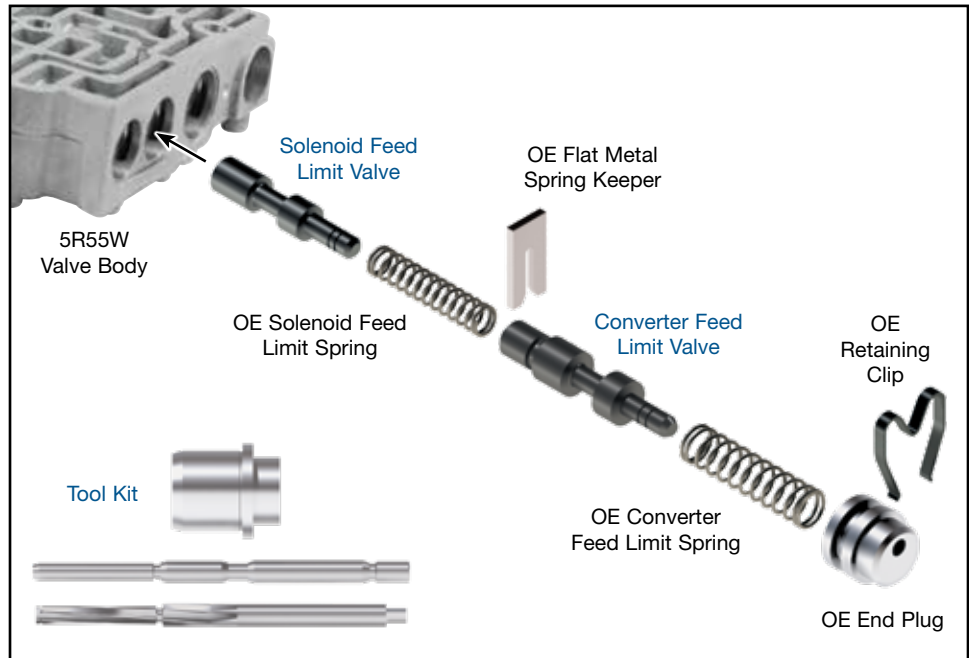


Part No.

**F-56947J-TL61**

- Reamer Guide
- Guide Pin
- Reamer

**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).



**IMPORTANT NOTE:** Before disassembly, observe and record the location of the flat metal keeper that retains the solenoid feed limit valve and spring.

During disassembly, be sure to identify and record the spring positions. Label the springs accordingly. Do not switch the springs at assembly.

#### 1. Disassembly

- Remove the OE valve train and discard both valves.
- Keep all other OE parts for reuse.

#### 2. Bore Reaming

Ream solenoid bore (for reaming instructions/reamer care, please visit [www.sonnax.com](http://www.sonnax.com)). Sonnax reaming tool kit **F-56947J-TL61** and **VB-FIX** are required for this operation.

#### 3. Installation & Assembly

- Be certain all debris has been removed from the valve bore and valve body.
- Insert Sonnax solenoid feed limit valve and OE spring as shown.
- Compress OE spring far enough into the bore to allow installation of the OE flat metal spring keeper into correct cavity.
- Insert Sonnax converter feed limit valve and OE spring as shown.
- Insert OE end plug and install OE end plug retaining clip.

#### 4. Final Testing

Vacuum tests at the ports indicated hold the recommended minimum of 14" and 18" in-Hg.

