

## Oversized S4 Clutch Control Valve Kit

### Part No.

**154740-26K**

- Valve
- Spring
- Seal

**NOTE:** Fits '19-later units.

## Tool Kit

### Part No.

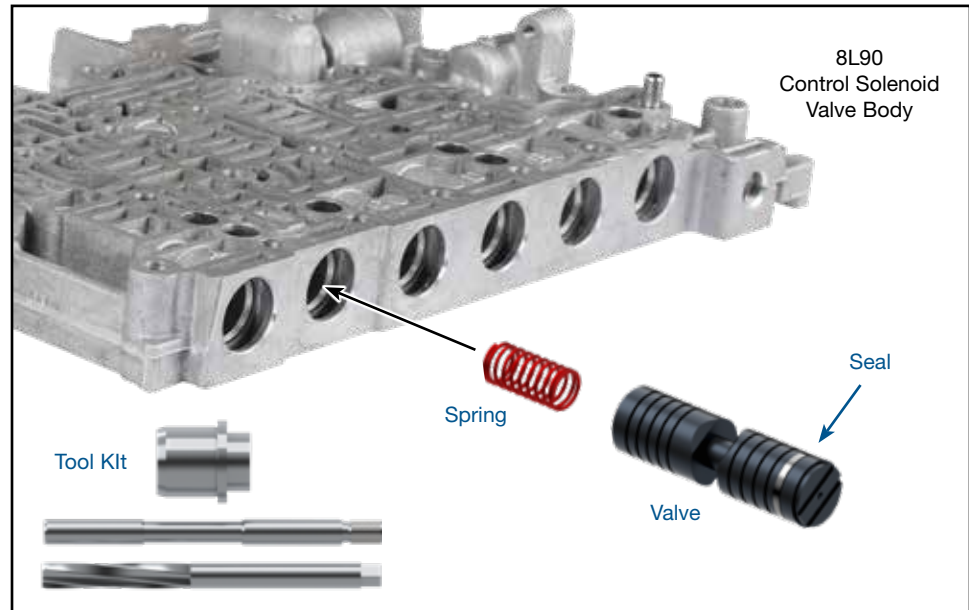
**F-154740-TL26**

- 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).



## GM 8L45, 8L90



### 1. Disassembly

- Remove OE retaining clip and solenoid and save for reuse.
- Remove and discard OE valve and spring.

### 2. Bore Reaming

Ream S4 clutch control bore (for reaming instructions/reamer care, please visit [www.sonnax.com](http://www.sonnax.com)). Sonnax reaming tool kit **F-154740-TL26** 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.
- Place scarf-cut seal into shallow groove on valve. Rolling the seal into a smaller diameter before placing the seal in the groove will help to keep the seal surface below the valve diameter, allowing for easier installation.
- Lubricate seal with Sonnax Slippery Stick **O-LUBE**.
- Installing a small amount of assembly lube into the spring pocket of the valve will help to keep the spring in the pocket throughout the assembly process.
- Insert spring into the pocket of the valve.
- Install Sonnax spring and valve.
- When inserted, verify that the valve can stroke fully to the end of the bore in a smooth motion. The spring should not be visible at full stroke. If the valve doesn't stroke smoothly, the spring is not seated properly in the spring pocket.
- Reinstall OE solenoid and retaining clip.

### 4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 18 in-Hg.

