

### S2/S3/S4/ TCC Clutch Control Valve Kit

#### Part No.

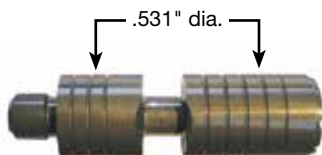
**154740-11K**

- Valve
- Spring
- Spring
- Seal

Red, TCC  
White, S2, S3, S4

**NOTE:** Fits any of four locations.

**NOTE:** Later design valve bodies have updated the S4 valve to this design. The Sonnax valve **CANNOT** be used in this location or shift complaints will occur.



#### Recommended

#### Clutch Control Valve Vacuum Test Tool Kit 154740-TL11

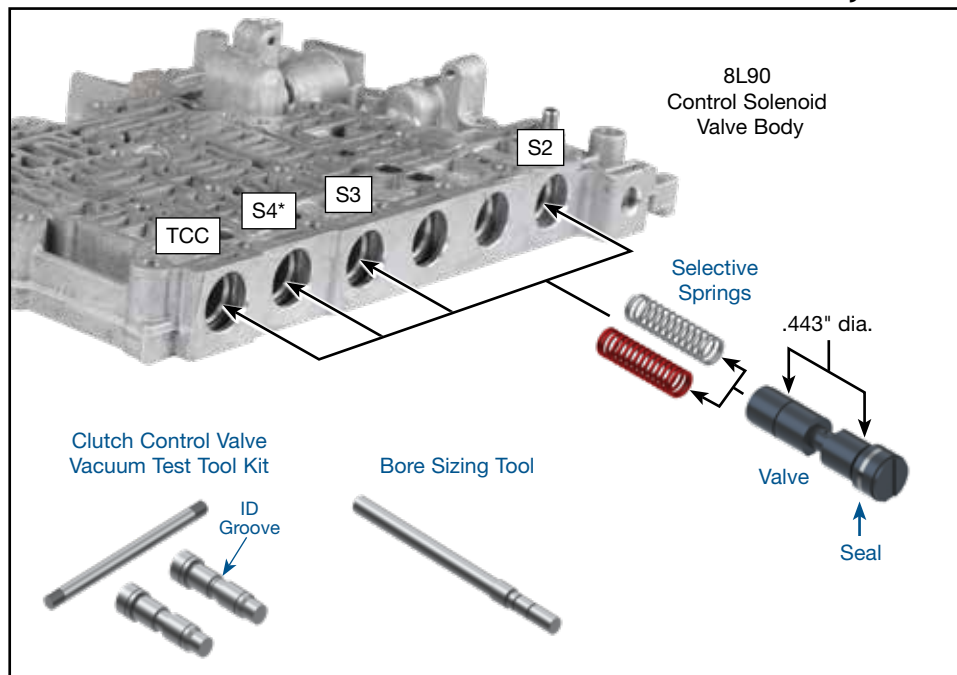
**NOTE:** Inboard testing of the OE valve requires use of this vacuum test tool.

#### Optional

#### Bore Sizing Tool 154740-BST11

**NOTE:** Bore sizing tool may be needed to ensure proper clearance between the valve and bore.

### GM 8L45, 8L90



#### 1. Disassembly

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

#### 2. Installation & Assembly

- Be certain all debris has been removed from the valve bore and valve body.
- Test fit valve in bore. If valve moves freely move on to step "c". If not, use **154740-BST11** to size bore.
- 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**.
- For bore TCC install the **red** spring, for all other bores install the white spring.
- Install valve into bore.
- Reinstall OE solenoid and retaining clip.

#### 3. Final Testing

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

Outboard ports should be checked with solenoid installed. Inboard ports require solenoid removal and **154740-TL11** tool and can only check the OE valve.

