

## S1/S5 Clutch Control Valve Kit

### Part No.

**154740-13K**

- Valve
- Spring
- Seal

**NOTE:** Fits either of two locations.

**NOTE:** This valve only fits the two noted S1 & S5 locations. Other clutch control valve locations have different diameters. Installing valves in the incorrect location will result in shift concerns.

### 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

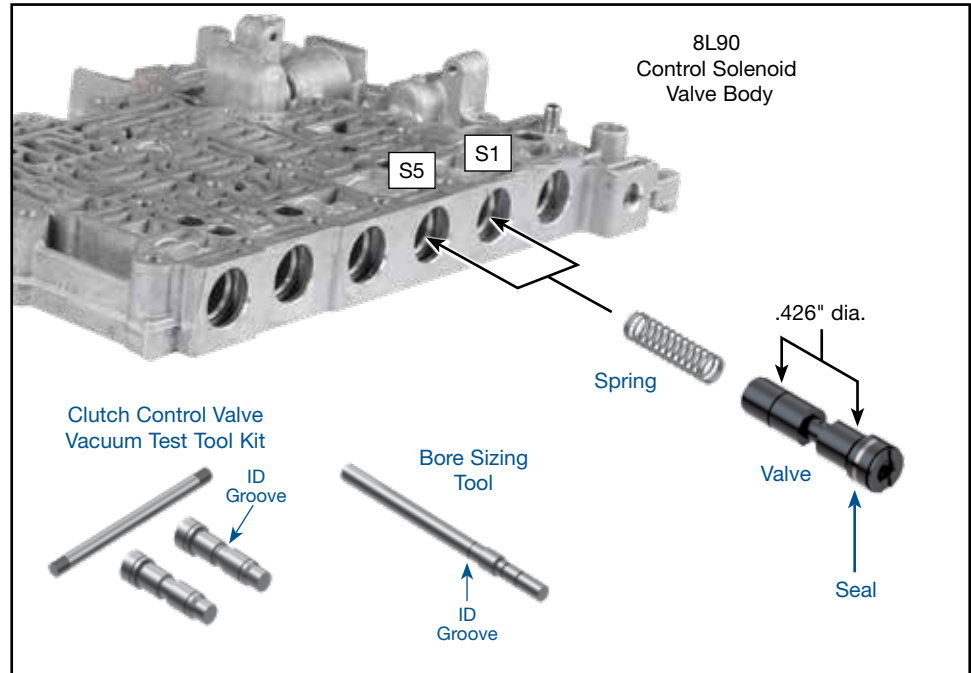
### Bore Sizing Tool

**154740-BST13**

w/ID Groove

**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-BST13** 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**.
- Install spring and 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.

