

## Oversized Main Pressure Regulator & Boost Valve Kit

Part No.

**147741-04K**

- Pressure Regulator Valve
- Outer Boost Valve
- Inner Boost Valve
- Boost Sleeve



## Tool Kit

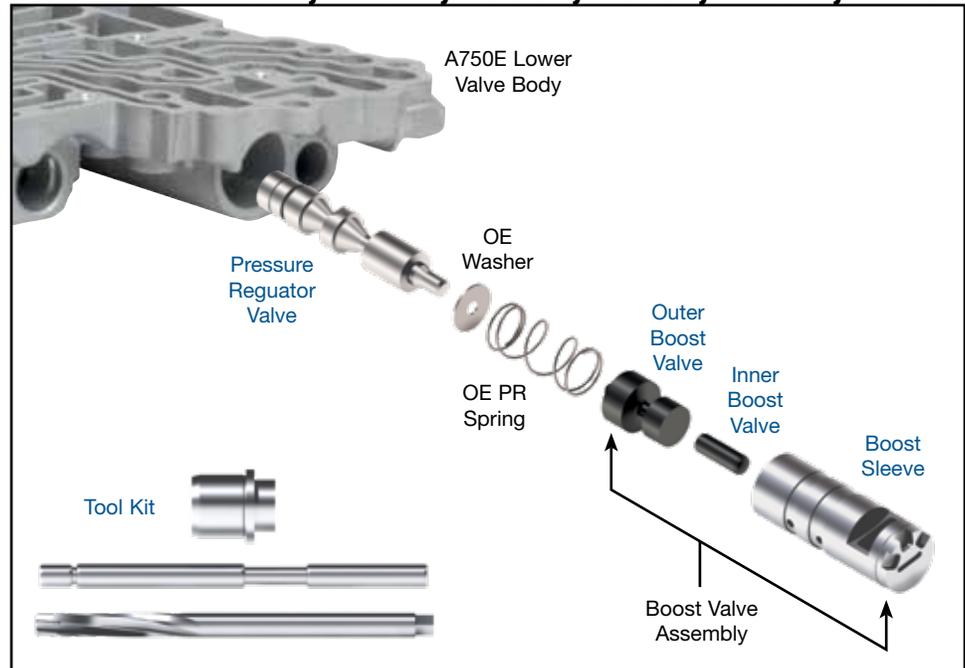
Part No.

**F-147741-TL4**

- Reamer
- Reamer Jig
- Guide Pin



**NOTES:** 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).



**NOTE:** Before disassembly, note position of retainer on OE sleeve. Retainer must be returned to the corresponding step on Sonnax sleeve during installation.

### 1. Disassembly

- Remove OE retainer after noting its position on OE boost sleeve. Set retainer aside for reuse.
- Remove and discard OE boost assembly.
- Remove OE spring and washer, set aside for reuse.
- Remove and discard OE pressure regulator valve.

### 2. Bore Reaming

Ream pressure regulator bore (for reaming instructions/reamer care, please visit [www.sonnax.com](http://www.sonnax.com)). Sonnax reaming tool kit F-147741-TL4 and VB-FIX are required for this operation.

### 3. Installation & Assembly

- Install Sonnax pressure regulator valve.
- Reinstall OE washer.
- Reinstall OE pressure regulator spring.

d. Install Sonnax boost valve assembly.

e. Reinstall OE retainer. Ensure retainer is set into the corresponding step on Sonnax sleeve that was noted before disassembly.

### 4. Final Testing

Vacuum testing at the ports indicated holds the recommended minimum 16 and 18 in-Hg.

