

Oversized Lubrication Valve Kit



Part No.

85755-07K

- Lubrication Valve
- Plunger Valve

NOTE: OE valve spool diameters must match dimensions noted in **Figure 1**. This kit cannot be used to repair valve bodies with valves of other sizes.

Tool Kit

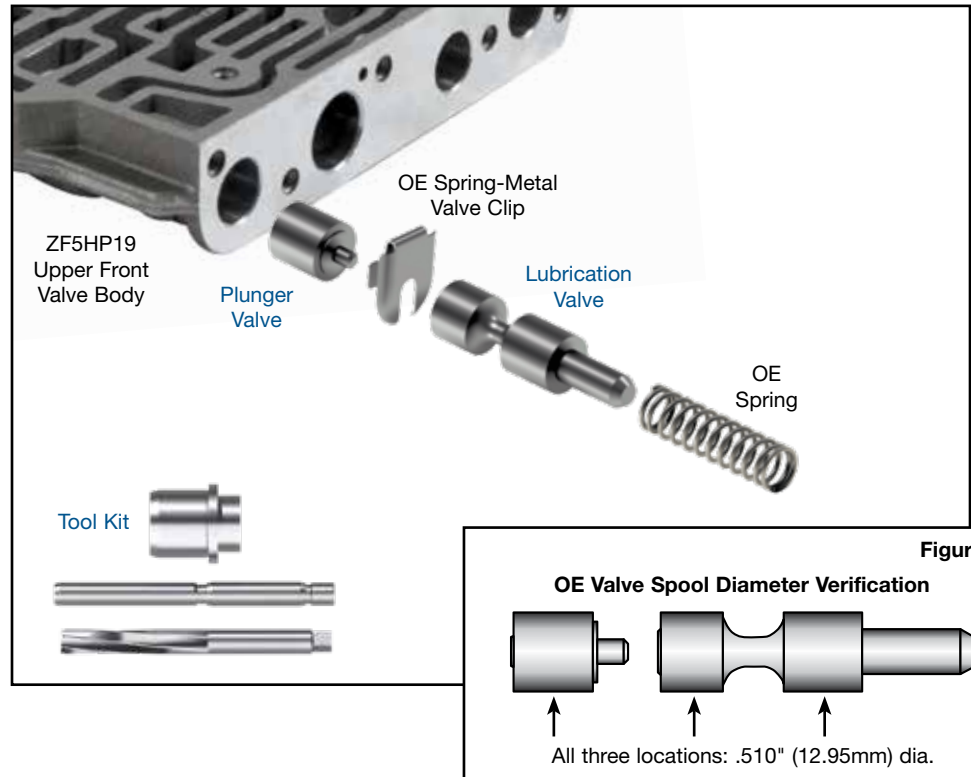


Part No.

F-85755-TL7

- 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.



NOTE: The valve body section incorporating the lubrication valve bore also has three other valve bores. Removal of the end plate will release the valve trains in all four bores. Sonnax recommends removing all valve trains to thoroughly clean valve body after completing the lubrication bore reaming process. Do not mix up, discard or lose components from the valve trains. Return the valve train components from the other three bores to their original bores, in the order they were found.

1. Disassembly

- Loosen the fasteners and remove the end plate from the valve body section.
- Extract the OE lubrication valve and spring from the bore.
- Pull the OE spring-metal clip from the worm-track cavity.
- Extract the OE plunger valve from the bore.
- Measure the OE spool diameters before proceeding. This kit can only be used if sizes match above illustration.
- Save the OE spring, spring-metal clip and end plate with screws for reuse. Discard both OE valves in the lubrication valve bore.

2. Bore Reaming

Ream lubrication valve bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-85755-TL7** and **VB-FIX** are required for this operation.

3. Installation & Assembly

- Insert Sonnax oversized plunger valve, oriented as shown and push it to the bottom of the bore.
- Orient OE spring-metal clip as shown and insert it into the indicated “worm-track” cavity (**Figure 2**). Ensure Sonnax plunger valve is inboard of the clip and the small diameter stem on this valve can pass freely through the opening in the clip.
- Orient Sonnax oversized lubrication valve as shown and insert into bore.
- Insert OE spring for the lubrication valve.
- Check that the OE valve trains in the three neighboring bores are correctly installed. Then install the OE end plate for the valve body section and retain with OE screws.

4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 14 and 16 in-Hg (**Figure 2**).

