

### Instructions

# ZF6HP21, ZF6HP28, ZF6HP34





- Valve
- End Plug
- O-Rings (2)

**NOTE:** Kit is not compatible with ZF6HP19/26/32 (Gen. 1) units. To differentiate between Gen. 1 and Gen. 2 valve bodies, refer to ZF Identification Guide at www.sonnax.com.

Tool Kit

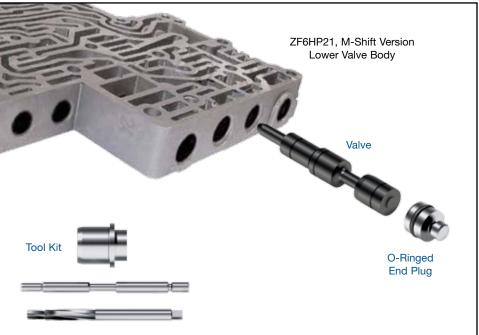


1 Extra

## Part No. F-95740-TL71

- 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.



#### 1. Disassembly

- a. Remove and discard OE lubrication control valve and end plug.
  - b. Keep OE retaining clip and spring for reuse.

#### 2. Bore Reaming

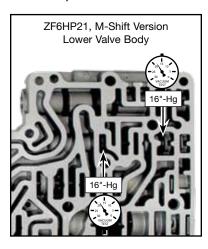
Ream lubrication control bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-95740-TL71** and **VB-FIX** are required for this operation.

#### **3. Installation & Assembly**

- a. Ensure all debris has been removed from valve bore and valve body.
- b. Reinstall OE spring.
- c. Install Sonnax valve, spring stem facing inward as shown.
- d. Install Sonnax O-ring into groove on Sonnax end plug. Lubricate O-ring and roll plug on clean, flat surface to size O-ring into groove before installing end plug.
- e. Reinstall OE retaining clip.

#### 4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 16 in-Hg.



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