

## Oversized Clutch A & Clutch E Control Valve Kit

### Part No.

# 95740-72K

- Clutch Control Valve
- Boost Valve
- Boost Sleeve
- End Plug
- O-Rings (2) 1 Extra

**NOTE:** This kit will fit in either clutch A or E control bore locations in E-shift versions of ZF6HP21/28/34 (Generation 2) valve bodies ONLY.

For M-shift versions, Sonnax offers a different kit, available from your distributor.

To differentiate between Gen. 1 and Gen. 2 valve bodies refer to ZF Identification Guide found online at [www.sonnax.com](http://www.sonnax.com).

## Tool Kit

### Part No.

# F-95740-TL72

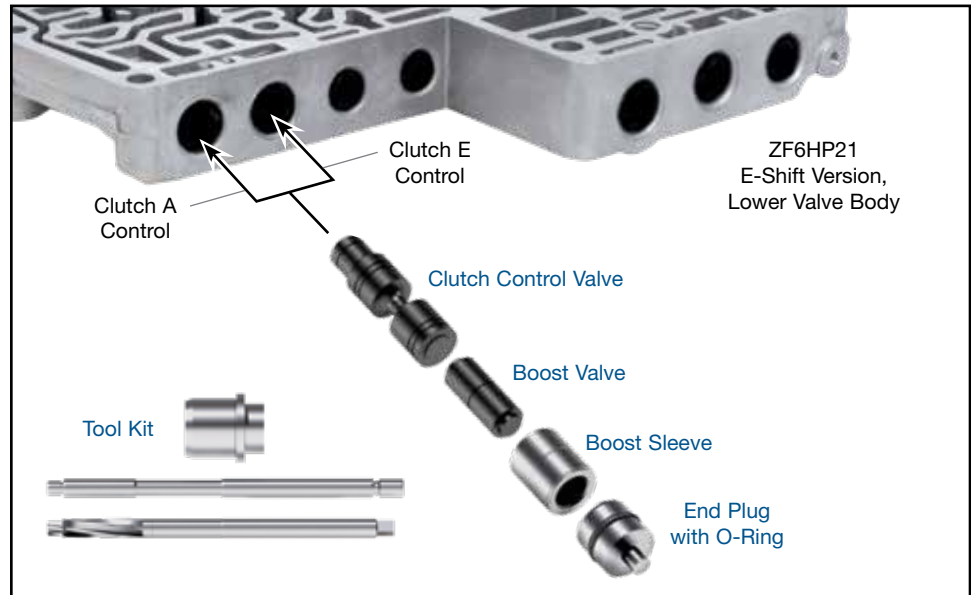
- Reamer
- Reamer Jig
- Guide Pin

**NOTE:** The edge of the valve body must be placed .25" from the VB-FIX face.

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).



## ZF6HP21, ZF6HP28, ZF6HP34



### 1. Disassembly

- Remove OE retaining clip and save for reuse.
- Remove and discard the OE end plug, boost valve assembly and clutch control valve.

### 2. Bore Reaming

Ream clutch A or clutch E control bore (for reaming instructions/reamer care, please visit [www.sonnax.com](http://www.sonnax.com)). Sonnax reaming tool kit F-95740-TL72 and VB-FIX are required for this operation.



**NOTE:** Due to tooling lengths, leave .25" gap between VB-FIX face and valve body for both clutch A and clutch E bores (Figure 1).

### 3. Installation & Assembly

- Ensure all debris has been removed from valve bore and valve body.
- Install Sonnax clutch control valve, boost valve and sleeve as shown.
- Install Sonnax O-ring into groove on Sonnax end plug. Lubricate O-ringed end plug with Sonnax Slippery Stick O-LUBE. Roll on clean flat surface to size O-ring into groove.
- Install end plug and secure with OE retaining clip.

### 4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 18 in-Hg (Figure 2).

