

## Oversized TCC Control Valve



**Part No.**  
**55211-22K**

- TCC Enable Valve
- TCC Control Valve

**NOTE:** For dual-valve pumps only.  
Can't be used in single-valve pumps.

## Tool Kit



**Part No.**  
**F-55211-TL22**

- 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. For this valve kit, our specially designed oversized base plate **VB-06** must be also be used.

**WARNING:** Required tool kit F-55211-TL22 is no longer in production. Check with your distributor for availability.

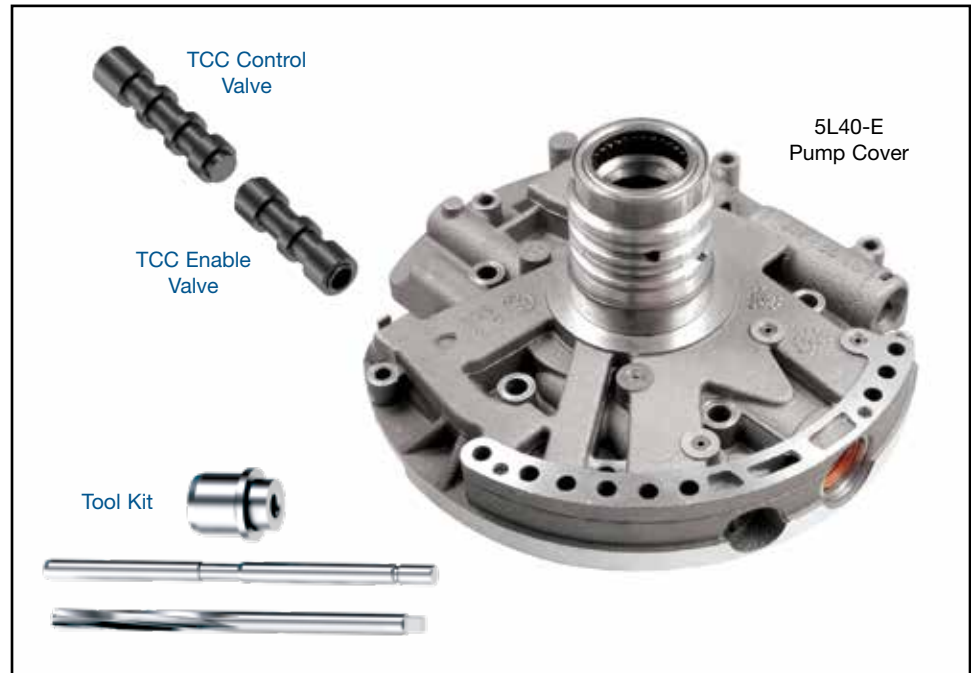
## Oversized Pump Base Plate



**Part No.**  
**VB-06**

**NOTE:** Sonnax oversized base plate **VB-06** must be mounted to the **VB-FIX** to accommodate the 5L40-E, 5L50-E pump cover assembly. More information and instructions can be found online at [www.sonnax.com](http://www.sonnax.com).

## GM 5L40-E, 5L50-E



### 1. Disassembly

- Remove OE valve bore components.
- Discard valves and keep springs and retainers for reuse.

### 2. Bore Reaming

Ream TCC control bore (for reaming instructions/reamer care, please visit [www.sonnax.com](http://www.sonnax.com)). Sonnax reaming tool kit **F-55211-TL22**, base plate **VB-06** and **VB-FIX** are required for this operation.

**NOTE:** Sonnax oversized pump base plate **VB-06** must be mounted to the **VB-FIX** to accommodate the pump cover assembly.

### 3. Installation & Assembly

- Be certain all debris has been removed from the valve bore and valve body.
- Install OE inboard spring into the Sonnax TCC enable valve pocket.
- Insert this valve and spring assembly into the pump (spring inboard) and secure with OE retainer.
- Install Sonnax TCC control valve with spring pocket facing outward.
- Install OE spring, ensuring it seats in valve spring pocket, secure with OE retainer.

### 4. Final Testing

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

