

**Oversized Torque Converter Lube Regulator Valve Kit**

**Part No.**  
**33741F-04K**



- Valve
- End Plug

**NOTE:** Also fits Mitsubishi FICJB

**Tool Kit**



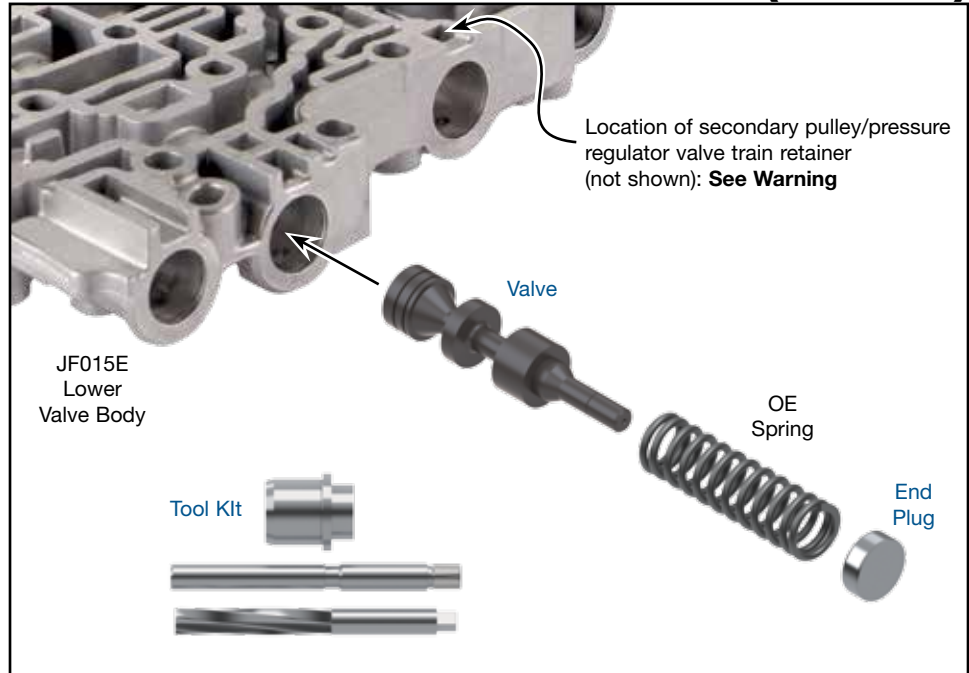
**Part No.**  
**F-33741F-TL4**

- 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](http://www.sonnax.com).

**WARNING:** When installed, the head of the retaining pin for the secondary pulley/pressure regulator valve train stands proud of the valve body casting. The retaining pin must be removed prior to mounting the casting on the **VB-FIX** to allow the casting to sit flat on the fixture. Sonnax recommends removal of the complete secondary pulley/pressure regulator valve train before mounting the casting on the **VB-FIX**.

**Jatco/Nissan JF015E (RE0F11A)**



**1. Disassembly**

- Remove OE retainer pin and save for reuse.
- Remove OE end plug and discard.
- Remove and save OE spring for reuse.
- Remove OE valve and discard.
- Remove OE secondary pulley/pressure regulator valve train and save all components for reuse (**See Warning**).

**2. Bore Reaming**

Ream torque converter lube regulator valve bore (for reaming instructions/reamer care, please visit [www.sonnax.com](http://www.sonnax.com)). Sonnax reaming tool kit **F-33741F-TL4** and **VB-FIX** are required for this operation.

**3. Installation & Assembly**

- Ensure all debris has been removed from reamed bore and body.
- Install Sonnax valve into bore with spring stem outboard.
- Reinstall OE spring into bore.

- Install Sonnax end plug.
- Reinstall OE regulator retainer pin.
- Reinstall OE secondary pulley/pressure regulator valve train into secondary pulley/pressure regulator bore.

**4. Final Testing**

Vacuum testing at the port(s) indicated holds the recommended minimum 12 and 18 in-Hg.

