

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

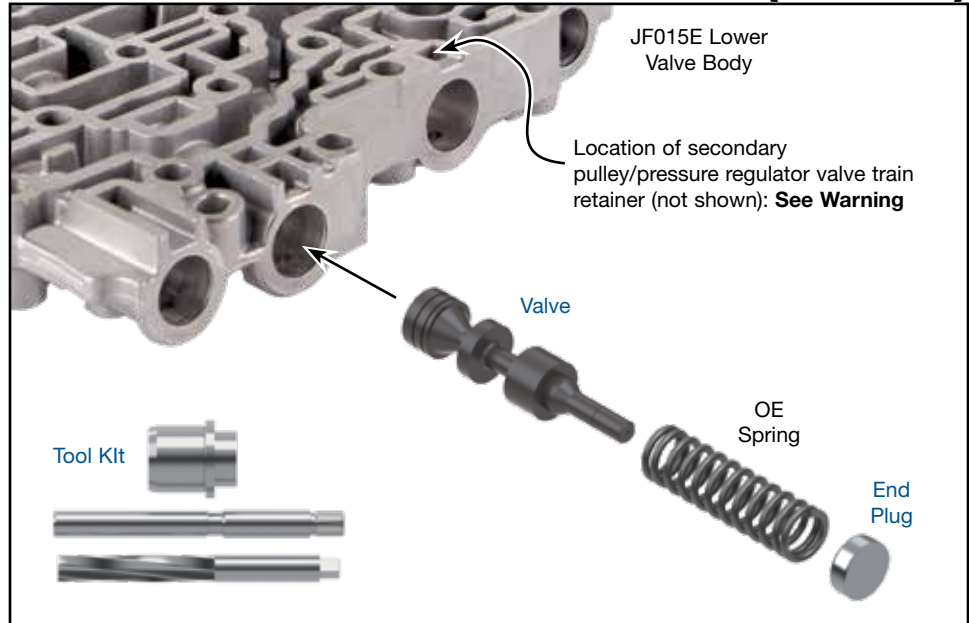


- Reamer
- Reamer Jig
- Guide Pin

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.

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

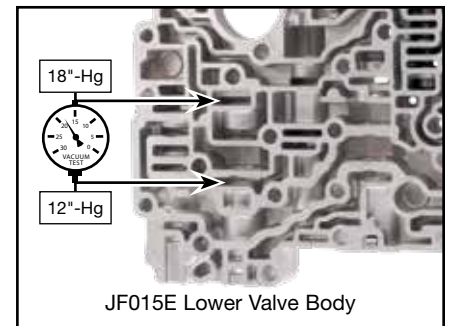
Ream torque converter lube regulator valve bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-33741F-TL4** and **VB-FIX** are required for this operation.

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.



Oversized Torque Converter Lube Regulator & Plunger Valve Kit

Part No.

33741F-05K

- Lube Regulator Valve
- Plunger Valve
- Sleeve

NOTE: Also fits Mitsubishi F1CJB. There are two versions of the torque converter lube regulator valve bore lineup. The one more commonly found in the USA has a plunger valve and sleeve. The other version, more commonly found outside of the USA, does not utilize this plunger valve and sleeve.

Tool Kit

Part No.

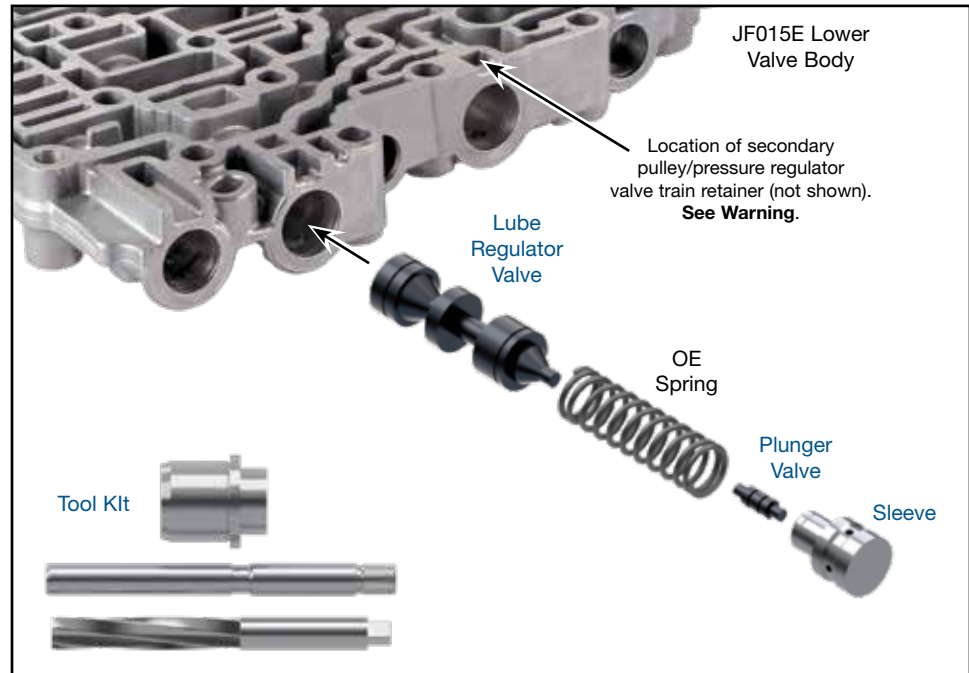
F-33741F-TL4

- 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.



Jatco/Nissan JF015E (RE0F11A)



1. Disassembly

- Remove OE retainer and save for reuse.
- Remove OE torque converter lube regulator valve train from bore. Save spring for reuse and discard the remaining components.

2. Bore Reaming

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



WARNING: When installed, the head of the retainer for the secondary pulley/pressure regulator valve train stands proud of valve body casting. The retainer must be removed prior to mounting casting onto 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 of the VB-FIX.

3. Installation & Assembly

- Be certain all debris has been removed from the valve bore and valve body.
- Install Sonnax torque converter lube regulator valve into reamed bore as well as the OE spring.
- Install Sonnax plunger valve and sleeve assembly.
- Reinstall OE retainer to retain sleeve.

4. Final Testing

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

