

Oversized Clutch Control (KSV) Valve Kit



Part No.
33741B-02K

- Valve
- O-Rings (4) 2 extra

NOTE: This valve has no flow control notches and must only be installed in 01T units. If your OE valve has flow control notches, STOP. You have an 01J unit and must install 33741B-03K instead (Figure 1).

Tool Kit



Part No.
F-33741B-TL2

- Reamer
- Reamer Jig
- Guide Pin

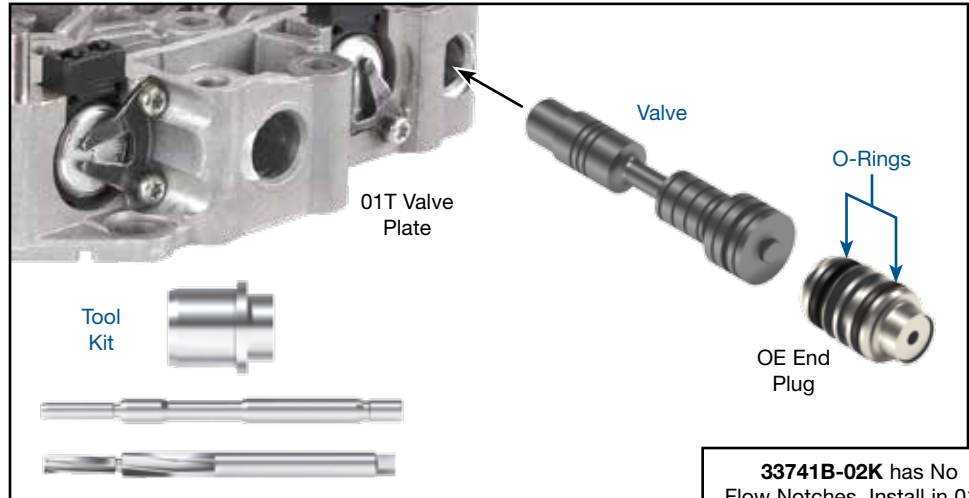
NOTE: This tool kit can be used for both 01T (33741B-02K) and 01J (33741B-03K) clutch control valves. Ensure correct valve is installed into casting being worked on (Figure 1).

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.

Also Available

Oversized Clutch Control (KSV) Valve Kit
33741B-03K with Flow Notches (01J)

Audi 01T



1. Disassembly

- Remove the OE KSV clutch control valve train from the bore.
- Keep the OE end plug and retaining pin for reuse and discard OE valve.

2. Bore Preparation

- Ream clutch control bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit F-33741B-TL2 and VB-FIX are required for this operation.

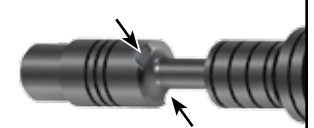
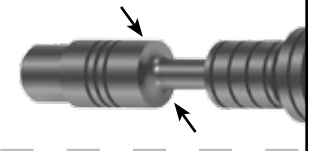
3. Installation & Assembly



NOTE: All the included O-rings in this kit are the same size.

- Insert the Sonnax valve into the bore as shown. Check for free movement of the valve in the bore.
- Install a Sonnax O-ring onto the inboard and outboard grooves of the OE end plug.
- Lubricate the O-rings on the OE end plug as well as the bore with Sonnax Slippery Stick O-LUBE (or equivalent) and ease the end plug into the bore. Apply force to push the end plug forward and then, when resistance is felt, relax the force without allowing the end plug to move backwards. This technique, combined with the O-LUBE, allows O-rings to squirm into place and minimizes the chance of damage to the O-ring.

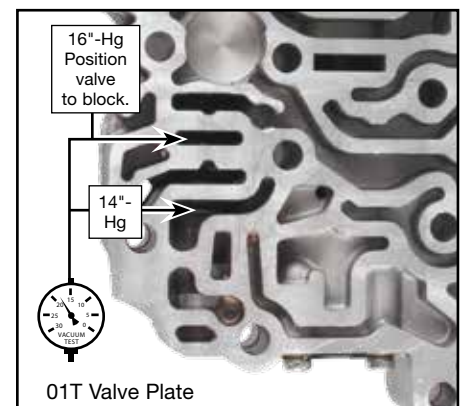
33741B-02K has No Flow Notches. Install in 01T.



33741B-03K with Flow Notches. Install in 01J.

Must match OE notched- or no-notched-valve for repair.

Figure 1



4. Final Testing

Vacuum tests at the ports indicated hold the recommended minimum 14 and 16 in-Hg.