

### Oversized Lockup Control Valve & Cutback Valve Kit

**Part No.**  
**94987-05K**



- Lockup Plunger Valve
- Lockup Plunger Sleeve
- Lockup Control Valve
- Cutback Valve
- Oversized Cutback Sleeve
- Cutback Spring

**NOTE:** This kit can only be used with modulated TCC apply systems.

This kit fits '98-later models: Isuzu NPR, GMC Forward Tiltmaster, Chevrolet Forward, Nissan UD and Mitsubishi Fuso Trucks.

### Tool Kit



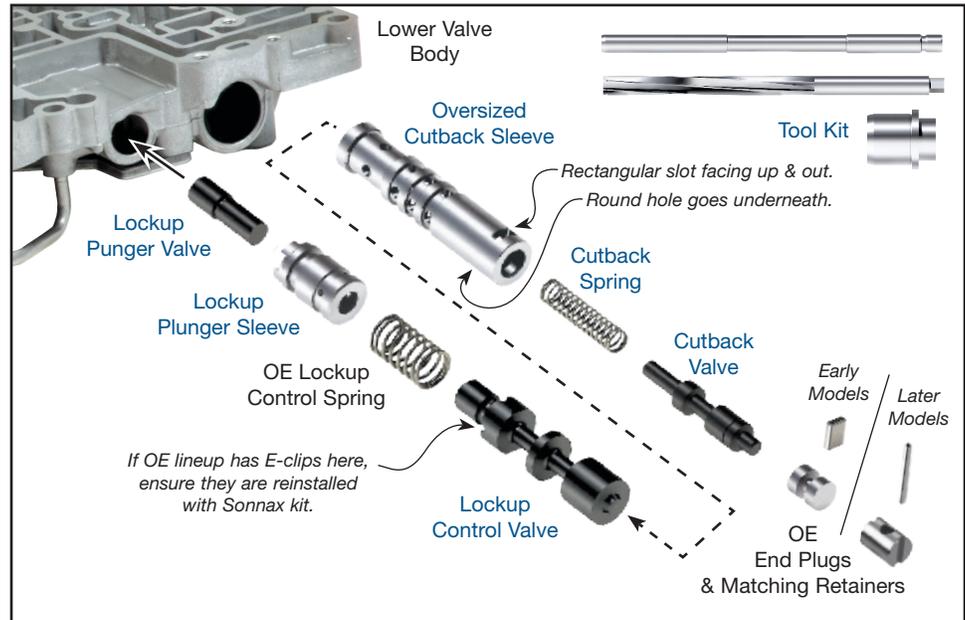
**Part No.**  
**F-94987-TL5**

- Reamer
- Guide Pin
- Reamer Jig

**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).

**NOTE:** Tool kit F-94987-TL5 is no longer in production, but may be available from distributor inventory.

### Aisin AW 450-43LE



#### 1. Disassembly

- Remove and save OE retainer and end plug for reuse. Remove and discard OE cutback sleeve, valve and spring.
- Remove and discard OE lockup control valve.
- Remove and save lockup control spring for reuse.
- Remove and discard OE lockup plunger sleeve and valve.

- Reinstall OE end plug and matching retainer.



**NOTE:** Early models use end plug with rectangular retainer; later models use end plug with roll pin retainer. Sonnax kit will work with both.

**WARNING:** Valve will not function correctly if oriented with round hole in sleeve facing up.

#### 2. Bore Preparation

Ream lockup control bore (for reaming instructions/reamer care, please visit [www.sonnax.com](http://www.sonnax.com)). Sonnax reaming tool kit **F-94987-TL5** and **VB-FIX** are required for this operation.

#### 4. Final Testing

A vacuum test at the port indicated, while the sleeve assembly is in the bore, holds 16 in-Hg or more.

#### 3. Installation & Assembly

- Install Sonnax lockup plunger valve and sleeve.
- Reinstall OE lockup control spring.
- Install Sonnax lockup control valve.



**NOTE:** If OE lockup control valve had E-clip spacers installed, these spacers must be transferred to Sonnax lockup control valve.

- Install Sonnax cutback sleeve (with rectangular slot facing out), as well as spring and valve.

