

Oversized Lockup Relay Valve Kit



Part No.

97741-20K

- Lockup Relay Valve
- Plunger Valve
- Plunger Sleeve

NOTE: Fits A340E/F '00-later, type 3 and 4 valve bodies.

For A245E, A246E applications, this part only fits '05-later units with casting code 9132 on the upper valve body (**Figure 1**).



Tool Kit



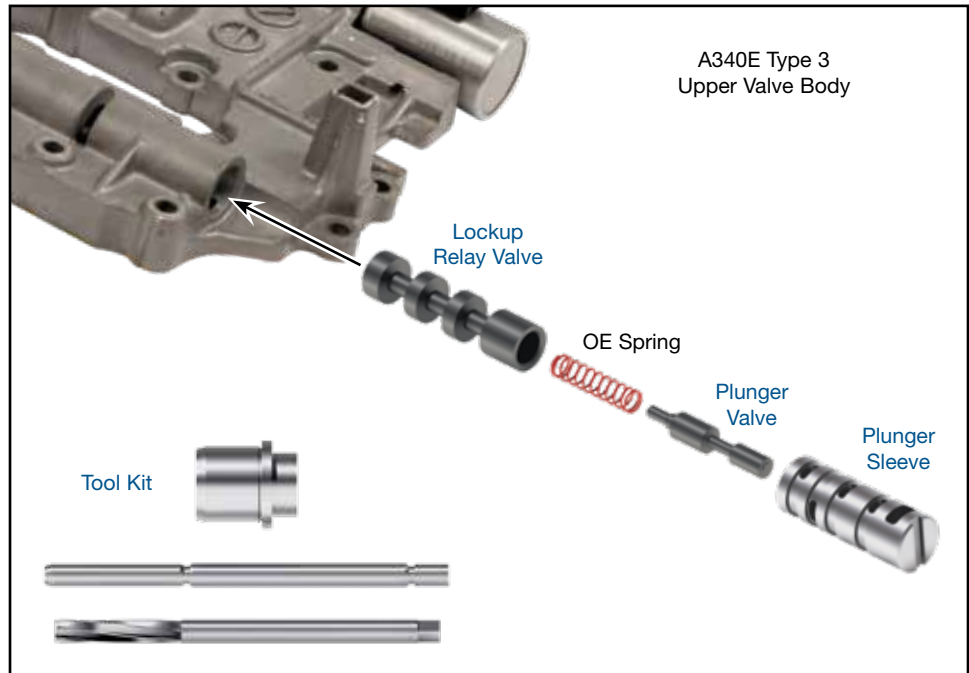
Part No.

F-97741-TL20

- 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.

Toyota/Lexus A245E, A246E, A340E, A340F, A650E



1. Disassembly

- Remove and save OE retainer for reuse.
- Remove and discard OE outboard plunger valve and sleeve assembly and inboard lockup relay valve.
- Remove and save OE spring for reuse.

2. Bore Reaming

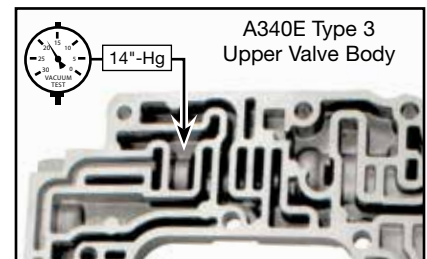
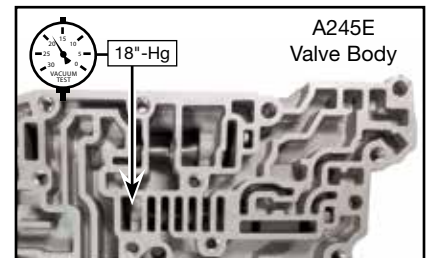
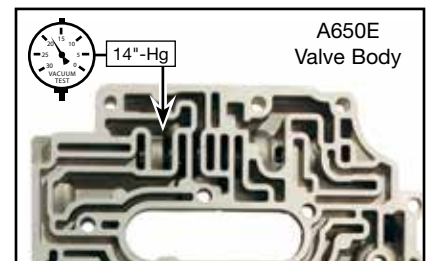
- Ream lockup relay bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-97741-TL20** and **VB-FIX** are required for this operation.

3. Installation & Assembly

- Ensure all debris has been removed from valve bore and valve body.
- Install Sonnax relay valve with spring pocket facing outward.
- Reinstall OE spring.
- Install Sonnax plunger valve and sleeve and secure with OE retainer.

4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 14 and 18 in-Hg.



Oversized Lockup Relay Valve Kit



Part No.
59947-77K

- Lockup Relay Valve
- Control Valve
- Control Sleeve

NOTE: Also fits AF23/33 and RE5F22A.

Tool Kit



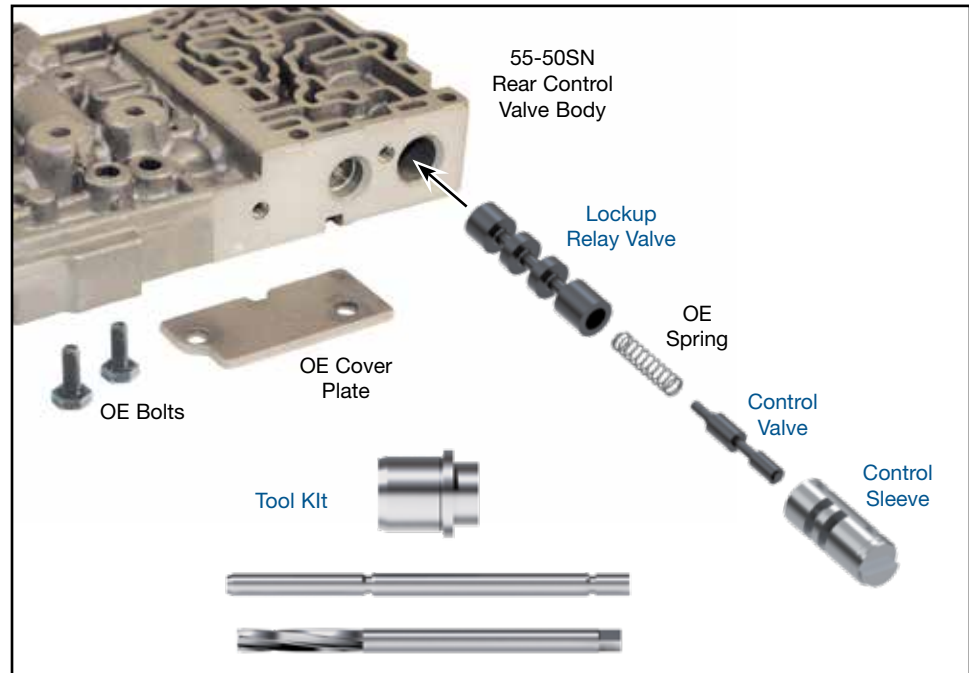
Part No.
F-97741-TL20

- 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.

This tool kit can also be used in **97741-20K**.

Aisin AW 55-50SN, 55-51SN



1. Disassembly

- Remove cover plate and bolts and set aside for reuse.
- Remove OE lockup relay control valve and sleeve assembly and discard.
- Remove OE spring and set aside for reuse.
- Remove inner lockup relay valve and discard.

2. Bore Reaming

Ream lockup relay valve bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-97741-TL20** and **VB-FIX** are required for this operation.

3. Installation & Assembly

- Be certain all debris has been removed from the valve bore and valve body.
- Install Sonnax lockup relay valve, spring pocket facing out.
- Install OE spring followed by Sonnax control valve assembly.
- Reinstall OE cover plate and bolts.

4. Final Testing

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

