

**Oversized Lockup Relay Valve Kit**



**Part No.**

**97741-20K**

- Plunger Valve
- Plunger Sleeve
- Lockup Relay Valve

**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**



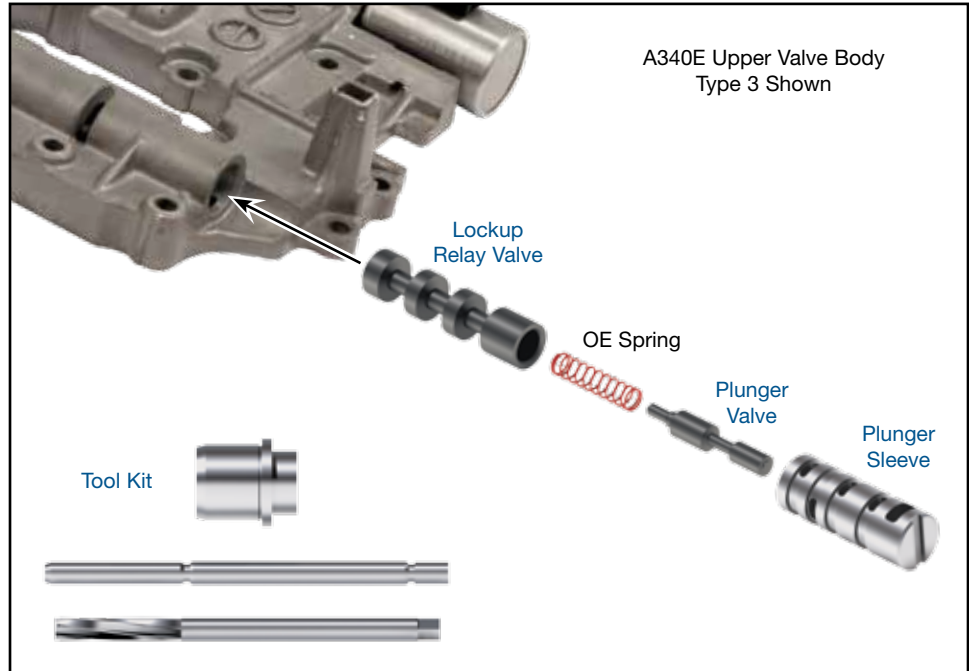
**Part No.**

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

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



A340E Upper Valve Body Type 3 Shown

**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**

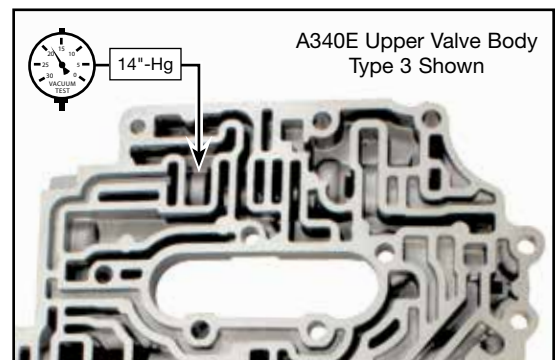
- Ream lockup relay bore (for reaming instructions/reamer care, please visit [www.sonnax.com](http://www.sonnax.com)). Sonnax reaming tool kit F-97741-TL20 and VB-FIX are required for this operation.

**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 in-Hg.



A340E Upper Valve Body Type 3 Shown