

Solenoid Damper Kit

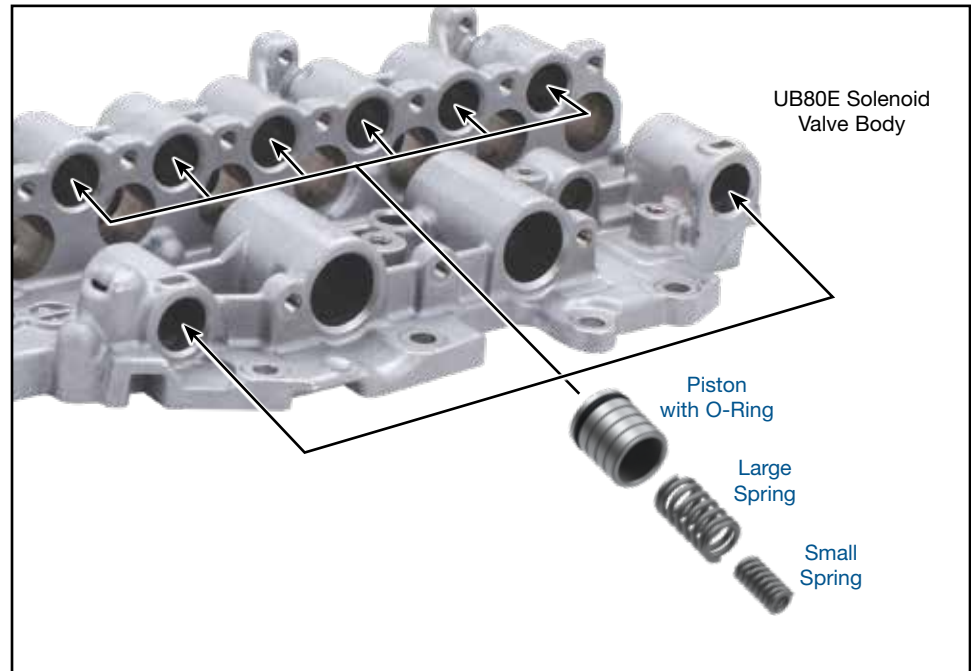
Part No.

168740-12K

- Piston
- O-Rings (2) 1 Extra
- Spring Small
- Spring Large

NOTE: Fits one of eight locations.

Toyota/Lexus UA80E, UA80F, UB80E, UB80F



1. Disassembly

- Remove and keep the retainer plate and/or pin (depending on which damper being replaced).
- Remove and discard the OE piston and springs.

2. Installation and assembly

- Be certain all debris has been removed from the bores and valve body.
- Install Sonnax O-ring into the O-ring groove of the Sonnax piston.
- Use a small amount of Sonnax Slippery Stick **O-LUBE** to lubricate the O-ring, piston groove and valve body chamfer. Roll the O-ringed piston on bench to size the O-ring into the groove.
- Insert the piston, crown-first, into the bore and push it to the bottom.
- Nest the springs together and then insert them into the bore of the piston.

3. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 18 in-Hg (Figures 1 & 2 on page 2).

4. Reinstall Retainer Plate & Pin

Install the spring retainer plate and/or pin, depending on which damper is being replaced.

ID	Location	Affects Drivability
1	SL1 (C1)	Clutches Burned; Delayed Forward
2	SL2 (C2)	Clutches Burned; 4-5, 5-4 Shift Concerns
3	SL3 (C4)	Clutches Burned; 3rd, 7th & Reverse Concerns
4	SL4 (C3)	C3 Clutch Burned; 4th & 6th Gear Shift Concerns
5	SL5 (B1)	B1 Clutch Burned; 2nd & 8th Gear Shift Concerns
6	SL6 (B2)	B2 Clutch Burned; Delayed Engagements
7	SLT (EPC)	Low Line Pressure
8	SLU (TCC)	Converter Apply/Release Concerns

UB80E Top of Solenoid Valve Body Figure 1

Vacuum Test These Locations □ Cover these locations

UB80E Bottom of Solenoid Valve Body Figure 2

■ Cover these 2 locations ≡ Leave these areas uncovered ⊗ 8 Specific areas to leave uncovered