

Boost Valve Assembly

27741-01K

- 1 Boost Valve
- 1 Boost Sleeve
- 1 Boost Valve Plug

Also Available

Oversized Pressure Regulator & Boost Valve Kit

27741-08K

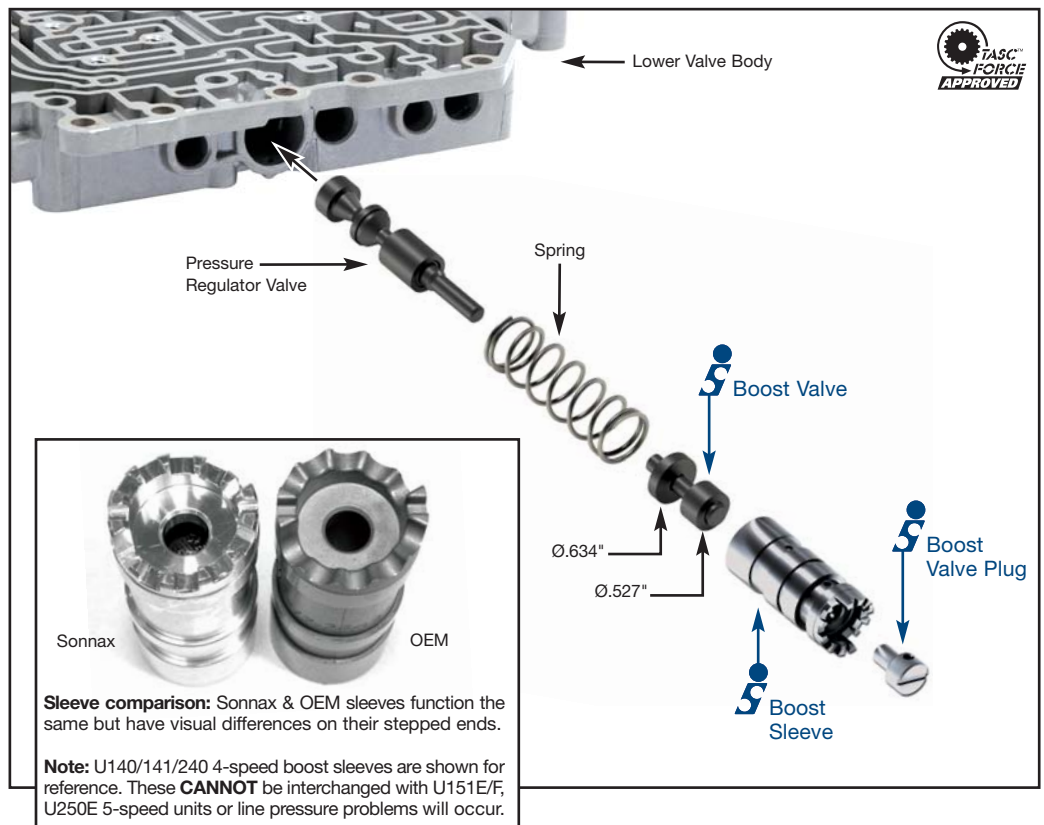
- 1 Pressure Regulator Valve
- 1 Pressure Regulator Spring
- 1 Boost Valve
- 1 Boost Sleeve
- 1 Boost Valve Plug



57917E-TL8

- 1 Reamer
- 1 Reamer Jig

Note: This tool kit is also used to install 57917E-08K the Oversized PR & Boost Valve Kit for Toyota U140E/F, U240E & U241E.



Critical Note:

The boost assemblies between the 4-speed and 5-speed **CANNOT** be inter-changed!

The U140E/F, U241E (4-speed) boost valve sleeve and the U151E/F, U250E (5-speed) boost sleeve are identical except for the middle OD ribs. The extra rib on the 5-speed sleeve seals an EPC port. If sleeves are mis-matched, line pressure problems will occur.

WAT or Inspection Info:

Visible wear is often seen as a shiny patch on the inside diameter of the sleeve. To Wet Air Test with the boost assembly still in the valve body, place a small amount of ATF into the EPC port. Follow with low air pressure. There should be little or no leakage of air/oil past the valve spools and out the reverse port.

Disassembly:

Note: This assembly is adjustable, and set for the particular application at the factory. Make note of which end step of the sleeve the retainer resides in prior to removing from the valve body. Failure to do so will result in no line rise.

Installation:

1. Take note of the position of the adjustable step on the original boost sleeve.
2. Remove the worn boost assembly and discard.
3. Insert the Sonnex replacement boost assembly into the valve body.
4. Install the Sonnex replacement end plug with the OEM retainer.
5. Ensure that the adjustable step on the replacement sleeve is in the same location as the original sleeve. Failure to do so will result in no line rise.

