

Boost Valve and Sleeve Kits

97855-23K

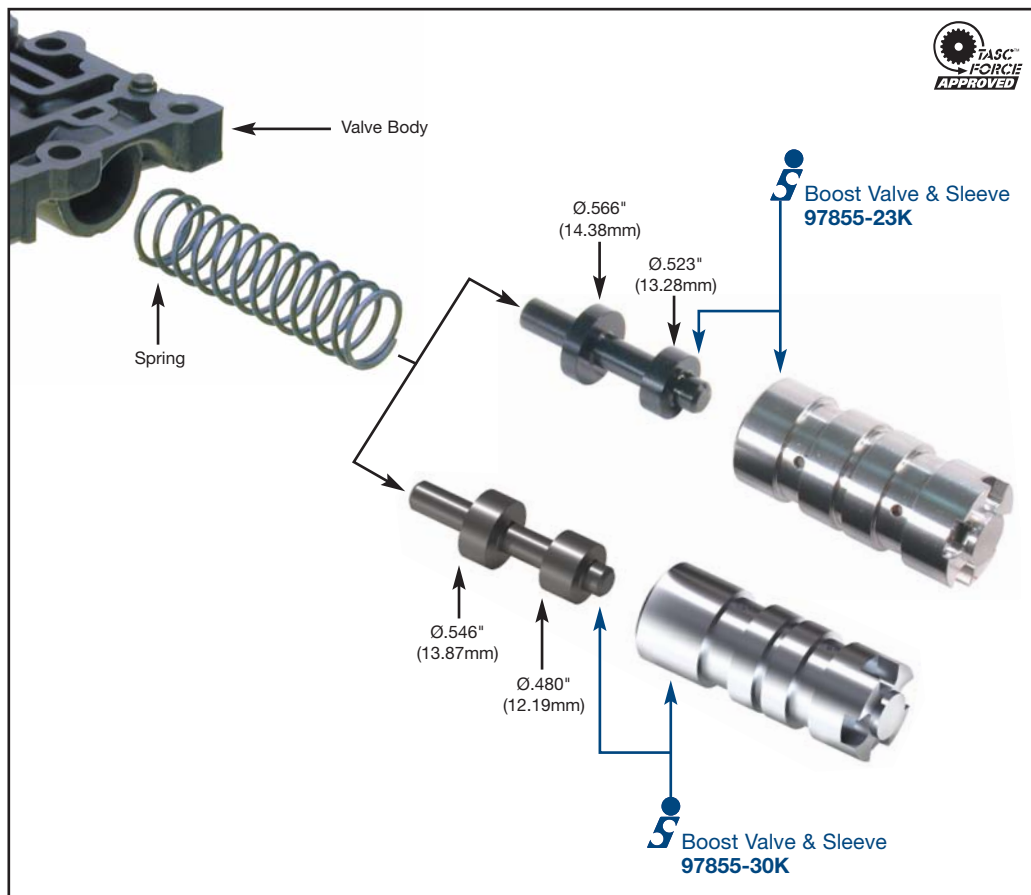
1 Boost Sleeve
1 Boost Valve $\varnothing .566"/.523"$

97855-30K

1 Boost Sleeve
1 Boost Valve $\varnothing .546"/.480"$

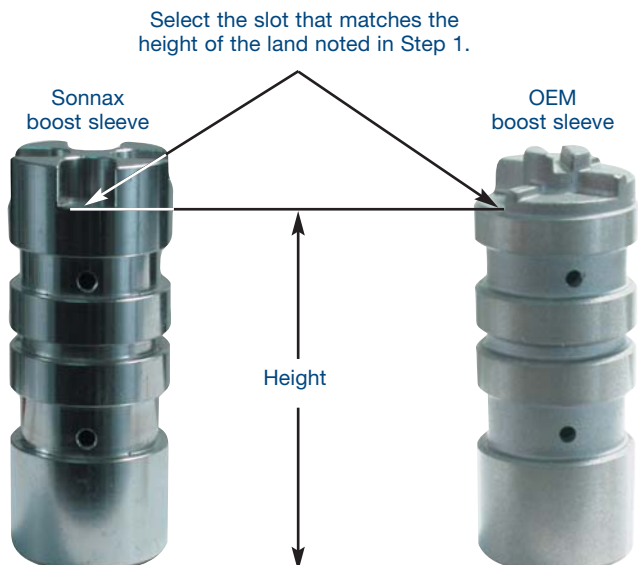


The applications listed above are meant as a guide only. Be sure to measure original valve and compare dimensions before purchasing.



Instructions:

- Note:** The original boost sleeve design has four quadrants on its outboard end. The surfaces are stepped to create four different height options. Take note of which surface is used by the retaining pin to correctly index and locate the sleeve (see photo).
- Remove the OEM retaining pin, sleeve, valve and spring.
- Verify OEM boost valve size, making sure it matches either the **97855-23K** or **97855-30K** valve spool sizes.
- Determine which slot on the Sonnax boost sleeve will match the original locating surface as noted earlier. Sleeves can be stood side-by-side on a flat surface and rotated until the original sleeve locating surface and the replacement sleeve slot heights line up.
- Install the OEM spring and the Sonnax replacement boost valve and sleeve into the valve body. Index the sleeve so the selected slot is properly positioned and install the retaining pin.



Note: The depth of the boost sleeve's position in the bore is established by the retainer resting against either a land (on the OEM sleeve) or a slot (on the Sonnax sleeve). Changing the sleeve's position in the bore will have the following effects:

• Tall OEM land or shallow Sonnax slot = Higher pressure

• Short OEM land or deep Sonnax slot = Lower pressure