

COMPLAINT

SECONDARY COMPLAINTS

No forward, no 4th gear

- Burned forward clutch • Coastdown neutral after 4th gear

CAUSE

Forward control valve is bent or sticking from the stem, smashing into the retainer clip.

CORRECTION

Resize the bore with this sizing tool and install the modified valve with multiple improved features.

Forward Control Valve & Bore Sizing Tool

96206-07K

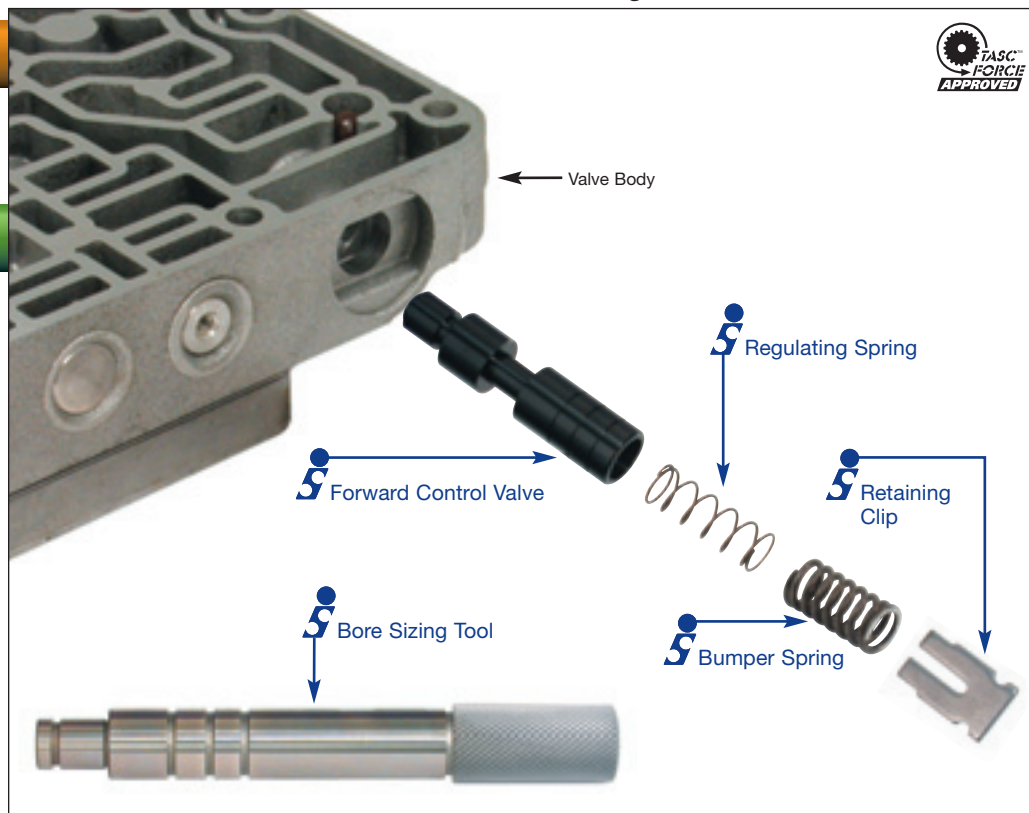
- 1 Forward Control Valve
- 1 Regulating Spring
- 1 Retainer Clip
- 1 Bumper Spring

Note: U.S. Patent No. 6,736,747

96206-BST

- 1 Bore Sizing Tool

Note: Although this valve does not require a reamer, use of the bore sizing tool is highly recommended.



Sonnax Part Summary

The front stem of the aluminum OEM forward control valve bangs against the steel retaining clip when stroked. The force of this constant banging often causes the valve to warp and seize in the bore, as well as breaking the OEM clip. No valve movement can result in a neutralling-out complaint, no 4th gear or a burned forward clutch. The Sonnax forward control valve **96206-07K** corrects these problems.

Features & Benefits

- Sturdier front spool on valve provides more than twice the spool-to-bore contact area.
- Design prevents valve warpage and/or seizure.
- Annular grooves are added to the spools to properly center the valve and prevent leakage.
- Bore can be quickly and easily resized using the Sonnax bore sizing tool **96206-BST**.