

## Forward Control Valve & Bore Sizing Tool

### 96206-07K

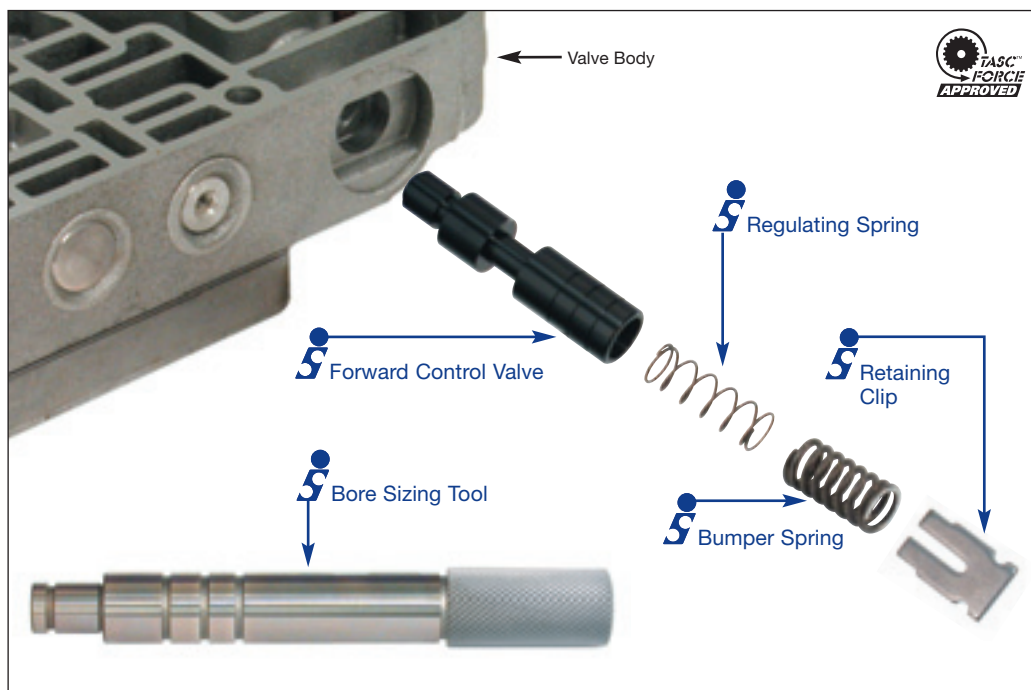
1 Forward Control Valve  
1 Regulating Spring  
1 Retainer Clip  
1 Bumper Spring

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

### 96206-BST

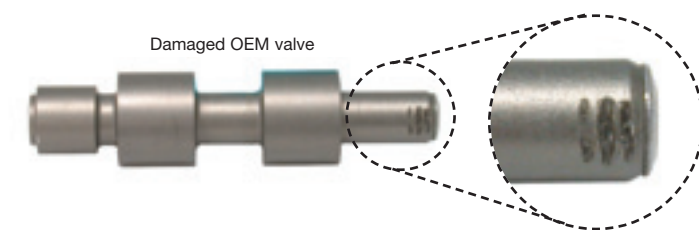
1 Bore Sizing Tool

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



### Functional Test:

To determine if a valve is warped, pull it to the end of its stroke, reinsert, rotate 90 degrees, then pull outward. Repeat this procedure two to three times. A warped valve may stroke freely initially, but will hang up or seize in the bore when rotated and stroked.



### Bore Sizing Instructions:

1. Remove the OEM valve.
2. Lubricate the bore sizing tool with ATF.
3. Insert the sizing tool into the bore, pushing carefully until it bottoms in the bore.
4. The tool should then be reciprocated in the bore, mimicking the stroking of the valve.
5. Clean the bore of any debris.
6. Lubricate the replacement valve and install into the bore. If the valve continues to stick, repeat the sizing tool procedure. With the tool bottomed in the bore, a screwdriver tip may be placed through a valve body port and into a tool groove, then tapped with a hammer.

### Valve Installation Instructions.

1. Insert the valve into the bore with the spring pocket facing outward.
2. Insert the replacement springs into the valve spring pocket. Collapse the larger regulating spring just enough to install the replacement retaining clip.
3. After installation, stroke the valve completely a number of times. Make sure that the spring is properly centered in the valve spring pocket. The end of the valve should not hit against the collapsed spring at the end of its stroke.