

Forward Control Valve Kit



Part No.

96201-16K

- Valve
- Spring
- Retaining Clip

Recommended

Bore Sizing Tool

Part No.

96201-BST

WARNING: Recommended bore sizing tool **96201-BST** is no longer in production. Check with your distributor for availability.

Ford AX4S, AXODE

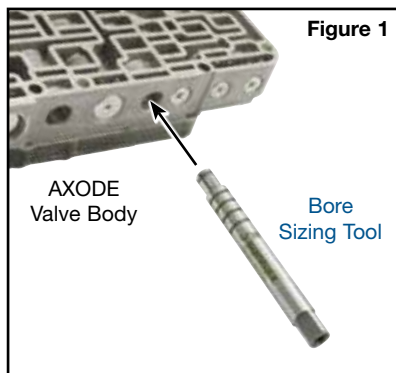
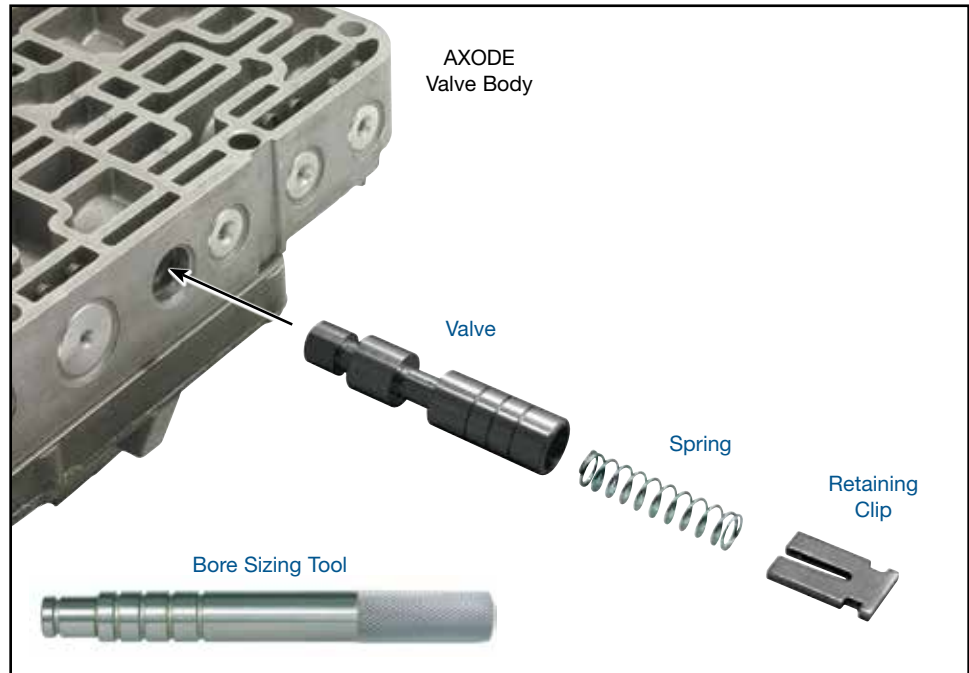


Figure 1

1. Bore Sizing Test

- Stroke the OE forward clutch control valve the full length of the bore.
- Rotate the OE valve 90° and stroke the valve again, several times.
- Check the OE valve for sticking in several positions. If it sticks, replace the valve.
- Check if Sonnax forward control valve sticks. If it does, resize the bore with Sonnax bore sizing tool (**Figure 1**).

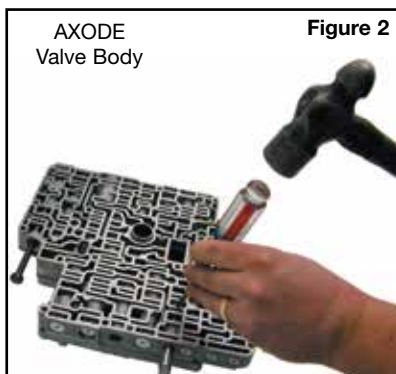


Figure 2

2. Bore Sizing Instructions

- Lubricate the bore-sizing tool with ATF.
- Carefully push the tool into the bore until it bottoms out.
- While the bore sizing tool is bottomed out in the bore, try tapping lightly on the tool with a screwdriver and hammer. Then place the screwdriver through several valve body passages and tap on the tool in several places and from different angles (**Figure 2**).
- Stroke tool in bore several times until it moves freely with no binding.

3. Installation & Assembly

- Be certain all debris has been removed from the valve bore and valve body.
- Insert Sonnax valve, small end first, into the bore followed by Sonnax spring in the open end of valve.
- Secure components in bore with Sonnax retaining clip.