Distributor Data Sheet

AXODE, AX4S

PART NUMBERS 96201-19K, -TL

COMPLAINT

SECONDARY COMPLAINTS

TCC apply and release control problems

• Hydraulic-related converter codes • Reduced cooler and lube pressure

CAUSE

Severe wear of the valve body bore at the bypass clutch control valve allows regulated converter charge oil leakage.

CORRECTION

These valves are slightly oversized to restore hydraulic integrity at the spool/bore interfaces.

Oversized Bypass Clutch Control Valve Kit

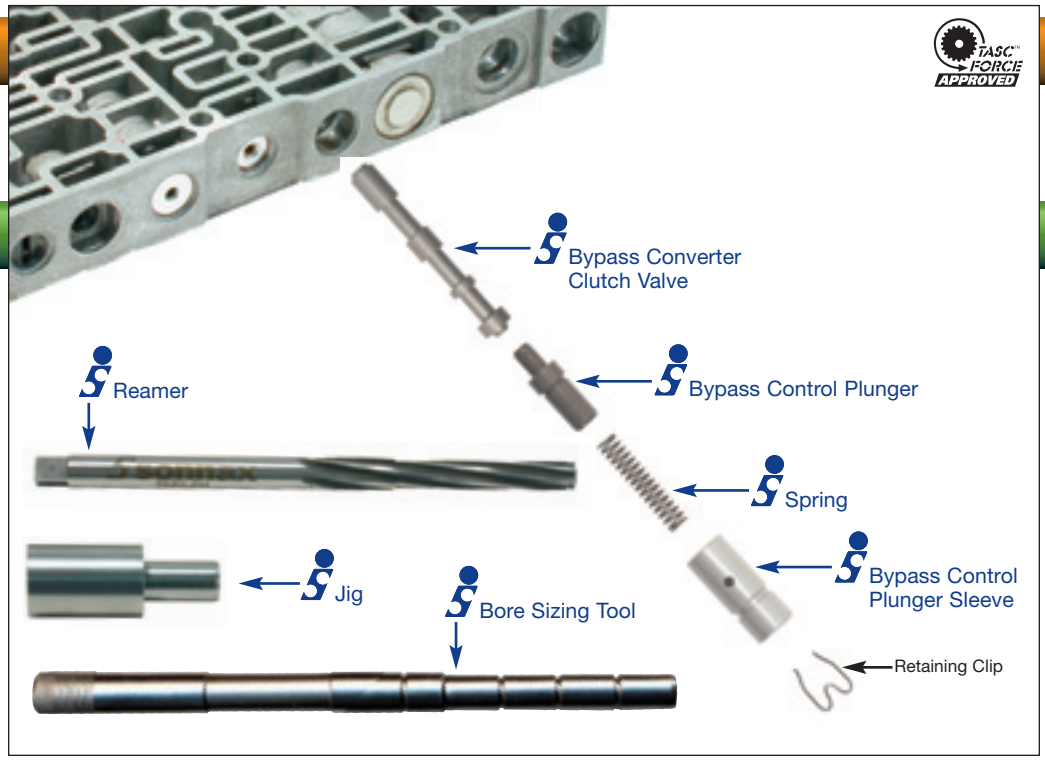
96201-19K
1 Valve
1 Spring

TOOL REQUIRED

96201-TL
1 Reamer
1 Reamer Jig
1 Bore Sizing Tool

Also Available:

96206-01K AXODE, AX4S
1 Bypass Plunger Valve
1 Bypass Clutch Control Sleeve



Sonnax Part Summary

Vehicles with an AXODE or AX4S transmission often exhibit converter clutch apply and release problems, which are most affected by high operating temperatures. These problems can be caused by severe wear of the valve body bore at the bypass clutch control valve, which allows regulated converter charge oil leakage. If the valve bore is worn, converter feed and lube oil will exhaust and MCCC (modulated converter clutch control) solenoid control is lost. This oil is fed to the lube circuit and cooler, and helps maintain the TCC in the release position. Sonnax now offers an oversized bypass control valve kit, **96201-19K**, to correct these problems.

Features & Benefits

- Annular grooves have been added to the TCC solenoid spool lands to help center the valve in the bore.
- Valve is manufactured from anodized aluminum to extremely tight tolerances.
- Valve is slightly oversized to restore hydraulic integrity at the spool/bore interface.
- A sturdier spring for the control sleeve is included in each kit to offer a stronger resistance to the oversized valve.
- A bore sizing tool is included in each reamer kit to ensure proper fit and bore integrity after reaming.

Note: It is strongly recommended that a new Bypass Clutch Control Sleeve and Plunger Valve (**96206-01K**) be installed along with this Bypass Clutch Control Valve Kit.

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800-843-2600 • 802-463-9722 • F: 802-463-4059 • www.sonnax.com • info@sonnax.com