

## COMPLAINT

### SECONDARY COMPLAINTS

No TCC apply, Code 628

- TCC cycling or surge
- Lube system failure
- Excessive cooler circuit oil loss

## CAUSE

A worn bypass clutch control sleeve allows regulated converter charge and cooler circuit oil leakage.

## CORRECTION

These tightly tolerated, wear-resistant assemblies restore proper clearance to maintain hydraulic control.

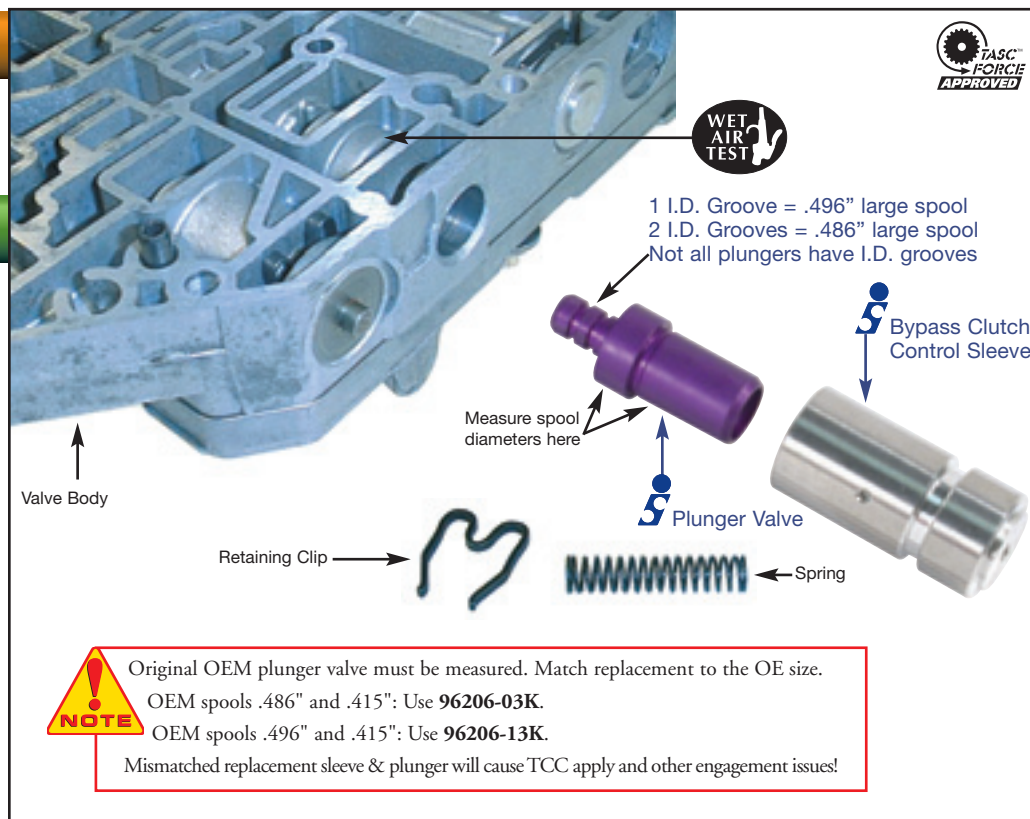
### Bypass Clutch Control Sleeve & Plunger Kits

Use with OEM .486" large-spool diameter  
**96206-03K**

- 1 Plunger Valve
- 1 Bypass Clutch Control Sleeve

Use with OEM .496" large-spool diameter  
**96206-13K**

- 1 Plunger Valve
- 1 Bypass Clutch Control Sleeve



### Sonnax Part Summary

Vehicles with an AX4N, 4F50N transmission frequently have excessive cooler circuit loss as well as torque converter clutch apply and release problems. These complaints can be caused by severe wear of the bypass clutch control sleeve, allowing regulated converter charge and cooler circuit oil leakage. This oil is fed to the lube circuits, cooler, TCC and into the sleeve to help maintain the TCC in the release position. If the sleeve is worn, oil will exhaust past the plunger valve to the sump, thus compromising the balance, but more importantly, leaking critical cooler oil. Sonnax has developed two tightly tolerated bypass clutch control sleeve and plunger valve kits, **96206-03K** and **96206-13K**, to eliminate these problems.

### Features & Benefits

- Precision sleeves are manufactured from highly wear-resistant aluminum.
- The aluminum plunger valves are hard-coat anodized to prevent wear.