

COMPLAINT

SECONDARY COMPLAINTS

Delayed engagement, low line pressure

- Front servo bore wear
- Unexplained clutch failure
- No engine braking in manual second

CAUSE

The piston seal wears away aluminum at the front servo bore. Clearance and oil loss reduce pressure in all ranges except second.

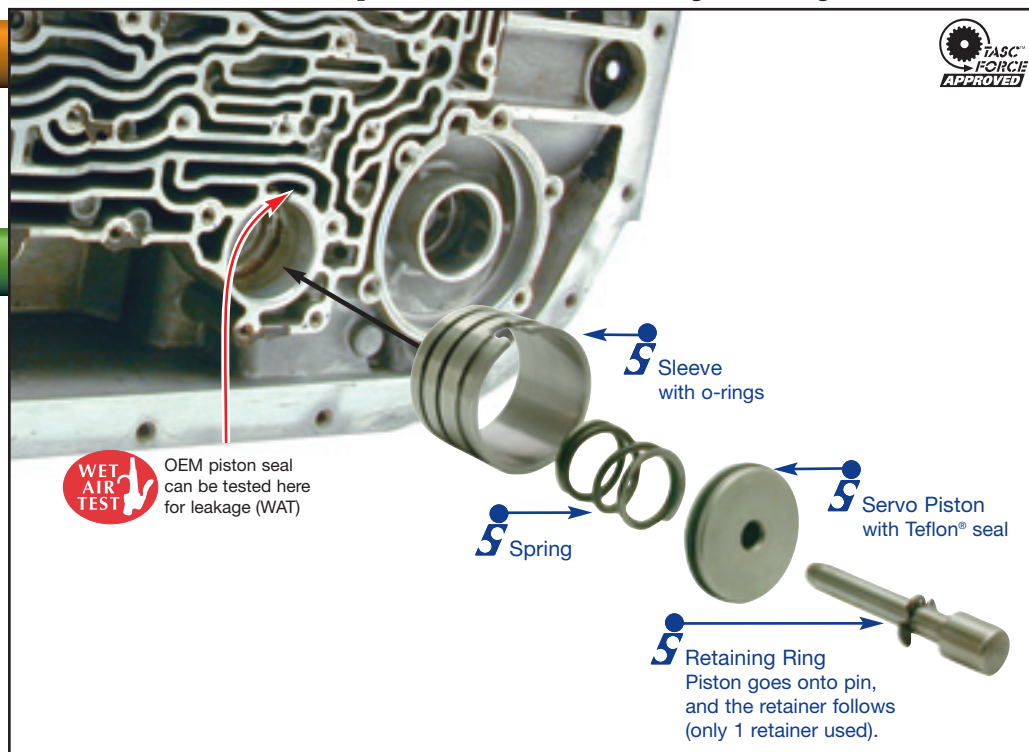
CORRECTION

This drop-in steel sleeve with o-rings eliminates oil loss at the worn bore and allows the case to be salvaged.

Front Servo Piston & Sleeve

34989-02K

- 1 Sleeve
- 1 Piston
- 1 Spring
- 1 Teflon® Seal
- 2 O-Rings
- 2 Retaining Rings (Large & Small)



Sonnax Part Summary

The piston seal in 4L80-E units wears away aluminum at the front servo bore, creating oil leakage, and can become so severe that the case must be replaced. Line pressure acting as servo release oil is present in all ranges except manual second and first ranges. Leaks at the servo seal can directly contribute to forward and direct clutch failure. Sonnax offers a front servo piston and sleeve, 34989-02K, that eliminates oil loss and allows the case to be salvaged.

Features & Benefits

- O-ringed servo bore sleeve can be slipped into the existing worn bore.
- Sleeve is manufactured from carbon steel to resist scuffing and wear.
- Piston includes a scarf-cut Teflon® seal with graphite filler to prevent cross leakage.
- A new servo spring is included to work with the smaller diameter piston.

Save

\$400 in case replacement costs