

COMPLAINT

SECONDARY COMPLAINTS

Wrong gear starts, poor shift quality

- Reduced band/clutch life • 2nd gear starts • 2-3 bind-up

CAUSE

Wear at the accumulator piston pin bore allows oil cross leakage.

CORRECTION

Install this oversized accumulator pin after the bore of the accumulator piston is modified to restore proper clearance and circuit integrity.

Oversized Accumulator Pin & Reamer

77999

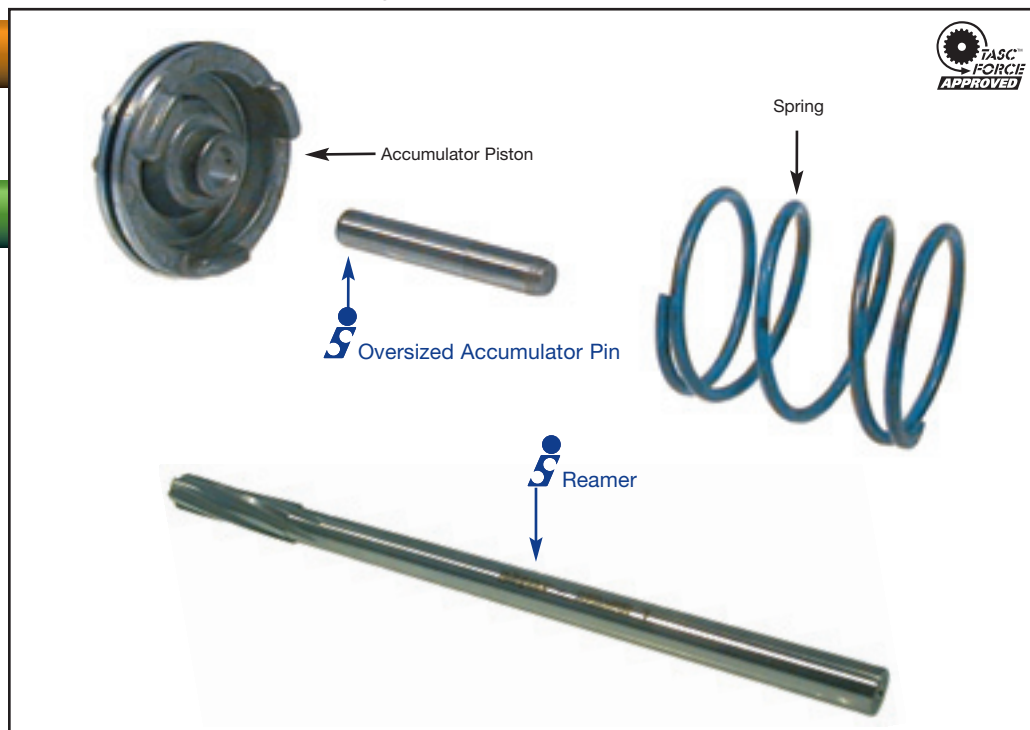
4 Accumulator Pins



77999-02K

10 Accumulator Pins

1 Reamer



Sonnax Part Summary

A burned band on the 4L60, 200-4R or 325-4L transmission can be created by accumulator cross leaks. A driveability complaint of 2nd gear starts or 2-3 bind-up can result from excessive piston wear. These complaints can be caused by oil cross leakage between the piston and pin in the 1-2 and 3-4 accumulators. This is due to the constant oscillating motion of the aluminum accumulator pistons on the steel pin. Band apply pressure is simultaneously sent to the accumulators and band. The problem occurs when accumulator control oil and band apply circuits cross leak. Accumulator control oil will bleed into 2nd apply or 4th apply and drag the band/clutch due to imbalanced oil circuits. Install the Sonnax replacement accumulator pin **77999** to resolve these problems.

Features and Benefits:

- The working diameter of the pin is slightly oversized, allowing the bore of the accumulator piston to be modified to restore the hydraulic integrity of the assembly.
- Eliminates the need to replace the expensive accumulator piston, and is more durable than a bushing.