

## COMPLAINT

SECONDARY COMPLAINT

## Burned/failed direct clutch

- 2-3 slide shifts

## CAUSE

Oil cross leakage and worn accumulator piston pin bore.

## CORRECTION

Restore the bore and re-establish hydraulic integrity with these oversized accumulator pins and reamer for significant savings over replacement parts.

## Oversized Accumulator Pin & Reamer Kit

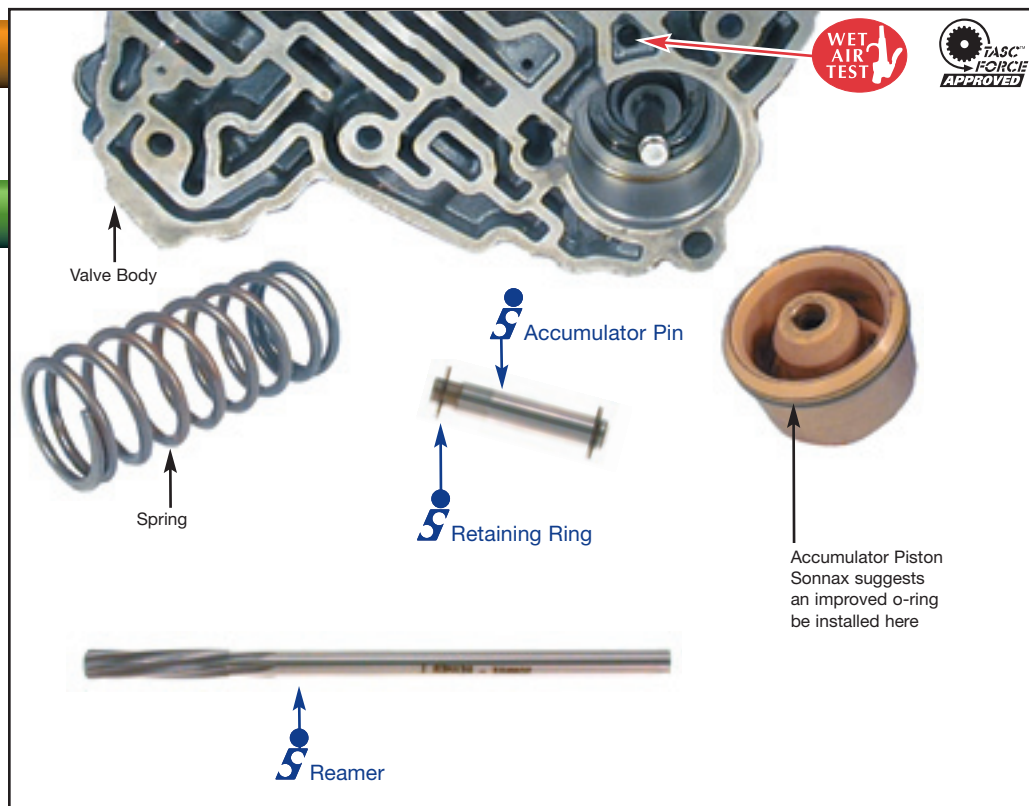
### 34105-01K

4 Accumulator Pins  
4 Retaining Rings



### 34105-02K

10 Accumulator Pins  
10 Retaining Rings  
1 Reamer



### Sonnax Part Summary

A burned or complete failure of the direct clutch on the THM 400 transmission can be created by accumulator cross leaks. A drivability complaint of a long slide on the 2-3 shift can result from excessive piston wear. These complaints can be caused by oil cross leakage between the piston and pin in the front accumulator assembly located in the valve body. Excess wear is due to the constant oscillating motion of the the aluminum accumulator piston on the steel pin. The problem occurs when direct clutch oil and intermediate circuits cross leak. In second gear a cross leak may drag the direct clutch and create premature failure. Install the Sonnax oversized accumulator pin **34105-01K**. Starter kit **34105-02K** contains 10 pins, 10 retaining rings, and 1 reamer.

### Features & Benefits

- The diameter of the pin has been slightly oversized, allowing the bore of the accumulator piston to be reamed oversized.
- Kit contains an extra retaining clip to assist in holding the accumulator pin in the valve body.
- Kit restores the hydraulic integrity of the assembly.

Save

\$250 in valve body replacement costs

