

## COMPLAINT

SECONDARY COMPLAINTS

No cooler flow , delayed forward

- Internal leakage
- Lost lubrication oil to planetaries

## CAUSE

The turbine seal ring wears on the soft aluminum channel casting surface.

## CORRECTION

This hardened and ground steel sleeve salvages worn channel plates.

## Channel Plate Repair Sleeve

96803

5 Repair Sleeves



**Note:** This repair sleeve requires machining.

Also Available:

## Accumulator Bore Sleeve Kits

**96511K** (N-D) AXOD & E, AX4S only

**96512K** (3-4) All applications

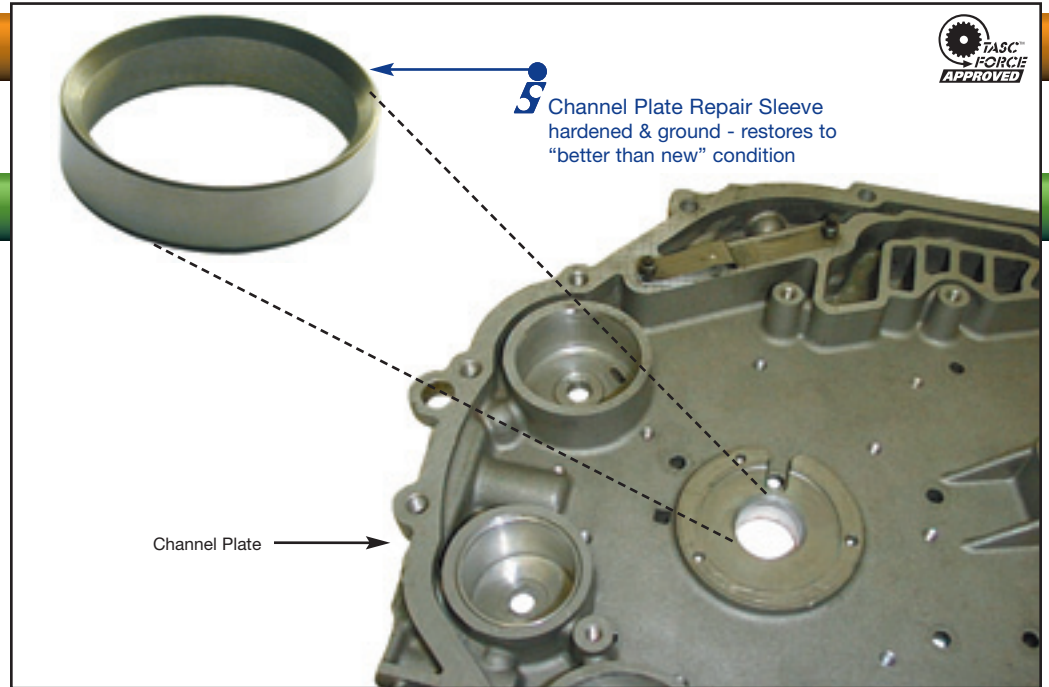
**96513K** (1-2) AXOD & E, AX4S only

Each kit includes the following

- 1 Sleeve
- 1 Piston
- 1 Viton® O-Ring

**965123K**

1 each of the kits above



### Sonnax Part Summary

The cast iron sealing ring on the Ford AXOD & E, AX4S, AX4N AND 4F50N turbine shaft frequently wears the mating surface on the aluminum channel plate. The resulting internal leakage diminishes cooler/lube flow, which contributes to common overdrive planetary failure. Hypoeutectic aluminum castings have insufficient silicon content to withstand the erosive wear of ductile iron. Sonnax has made available a hardened and ground steel sleeve **96803** to salvage worn channel plates.

### Features & Benefits

- Hardened and ground steel sleeve is more wear-resistant than OEM.
- Salvages worn channel plates.