PART NUMBERS 85916-01, 85916-01U

## COMPLAINT

SECONDARY COMPLAINTS

# CAUSE

Excessive bushing and shaft clearance caused by normal wear.

# Correction

The Sonnax bushing allows salvage of the pump by oversizing the housing bore for installation of a new, tightly toleranced bushing.

### **Pump Bushings**

#### 85916-01

1 Oversized Precision Pump Bushing



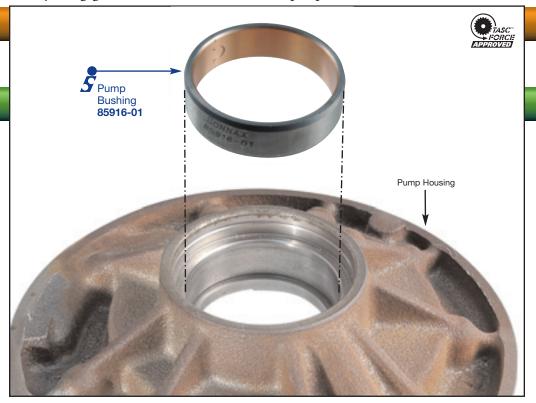
### 85916-01U

1 Oversized Finish-in-Place Pump Bushing



## Pump leaks, bushing spins in housing

• Delayed engagements due to drainback • Loss of pump core



### **Sonnax Part Summary**

Normal operation of the ZF5HP19 transmission causes wear that leads to excessive bushing and shaft clearance. The Sonnax precision pump bushings **85916-01** and **85916-01U** contain one pump bushing each to allow rebuilders to salvage pumps with damaged bushing bores.

#### **Features & Benefits**

- These oversized precision bushings allow rebuilders to salvage costly pumps with damaged bushing bores.
- Oversized finish-in-place bushing allows rebuilder to salvage pumps with damaged bushing bores, and set clearance with converter hub.
- Tightly toleranced, bi-metal.

**Note:** Bushings are oversized precision bushings for damaged pump housings. The pump-housing-bushing-bore ID will require machining. This ID will have to be machined to  $\emptyset$ 1.9992" +/- .0005" ( $\emptyset$ 50.780mm +/- 0.013mm).

