

COMPLAINT

SECONDARY COMPLAINTS

Wear grooves in the forward drum ID bore.

• Delayed engagements • Burned forward clutch

CAUSE

The input shaft contacts the forward drum bore ID due to tight clearances and accumulated bushing wear.

CORRECTION

Install the Sonnax oversized seal rings after boring the forward drum to the recommended diameter.

Oversized Seal Rings & Sizing Tool

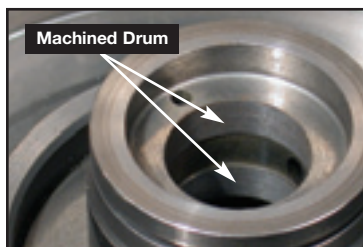
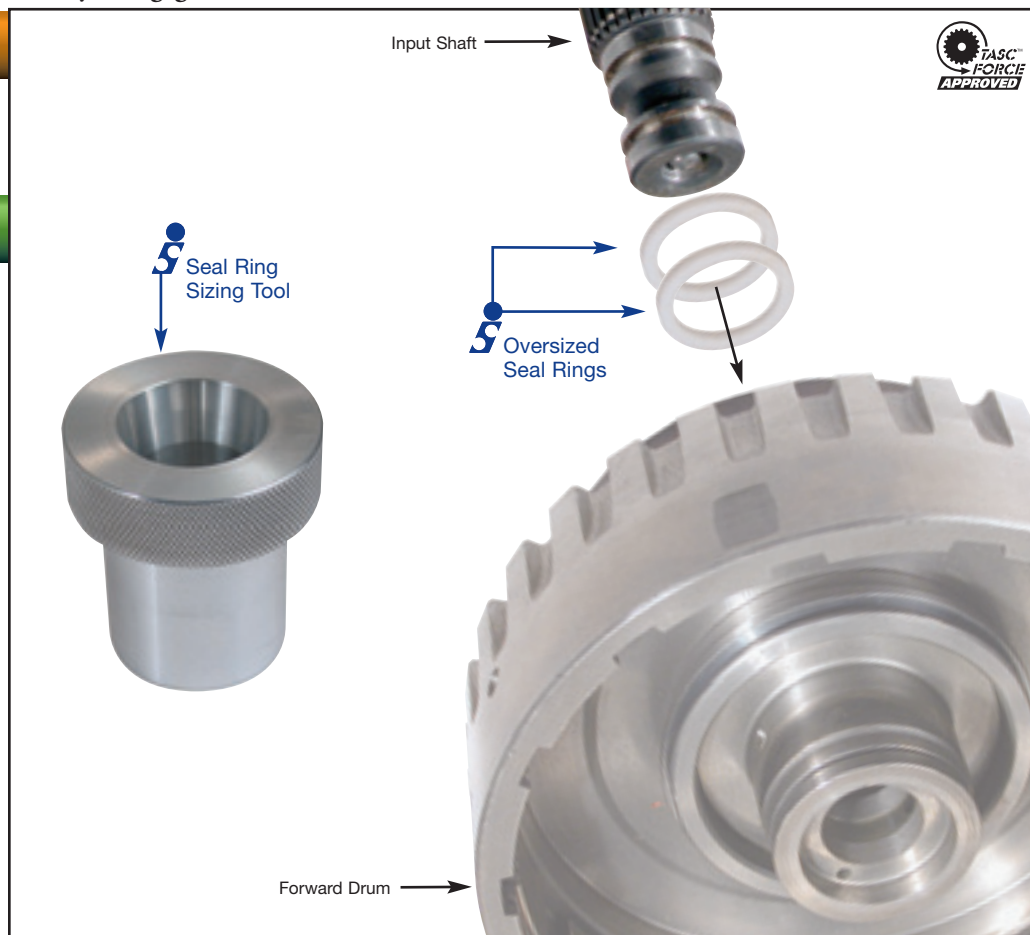
34716-01

2 Oversized Seal Rings


34716-TL

1 Seal Ring Sizing Tool

Note: This tool is not required but is highly recommended to prevent damage to the new oversized sealing rings when inserting the input shaft into the machined forward drum ID bore.



Sonnax Part Summary

The 4L80-E forward drum is often replaced due to wear of the sealing ring bore caused by contact with the input shaft. Contact between shaft and drum occurs because of looseness/wear of the support bushings and tight clearance between shaft and drum bore. Worn drums can be salvaged by machining away the worn area, increasing the bore ID to .900" and installing the Sonnax oversized outer diameter forward drum sealing rings **34716-01**. The oversized seal diameter restores proper sealing with the larger bore, while the increased clearance reduces future wear by making clearance consistent with other applications. This fix works on all 4L80-E forward drums.

Features & Benefits

- Salvages all 4L80-E forward drums with grooves worn in the ID bore.
- Reduces the likelihood of future contact between forward drum ID and input shaft.

Save

Up to \$75 - \$125 in hard parts replacement costs