

COMPLAINT

SECONDARY COMPLAINTS

Burned forward clutches

- Excessive front/rear unit endplay, premature seal ring failure

CAUSE

Normal component wear allows forward and direct drum travel, resulting in excessive endplay.

CORRECTION

This unit endplay shim allows for proper setting of front unit endplay and supports the direct drum by supporting the sun gear.

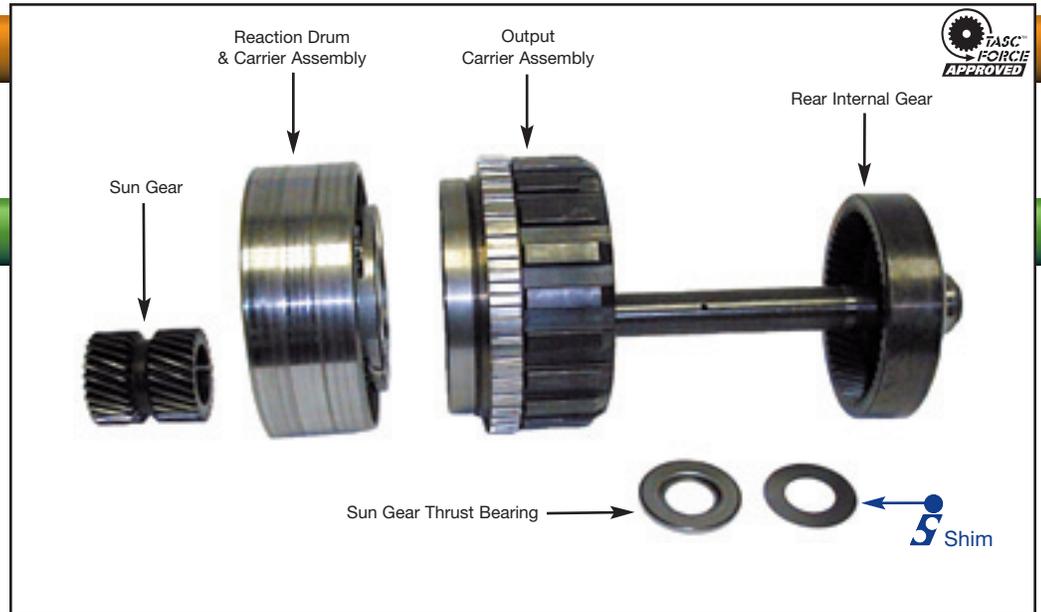
Unit Endplay Shim

34500-Z

10 Shims

(.010" thick)

Note: Will not fit '97 and later 4L80-E center lube units. Use of shims in these units will restrict lube.



Sonnax Part Summary

It is often difficult to reduce front unit endplay on 400 or 4L80-E units with excessive spline wear. Normal component wear allows excess forward and direct drum travel. This travel or free-play reduces sealing ring life. The 400 and 4L80-E are limited on the thickness of pump shim material that can be added. Excessive shimming at the pump will push the forward drum off the rings and result in a burned forward clutch. Sonnax offers a .010" thick shim, **34500-Z**, that can be stacked under the sun gear bearing race.

Features & Benefits

- By lifting the sun gear, the drums are also supported and front unit endplay is reduced.
- The shim can be installed between the sun gear thrust bearing and the rear internal gear during lower unit assembly.

Save

The cost of potential carrier failure