

## COMPLAINT

SECONDARY COMPLAINTS

## Sticking governor, bronze in the pan

• Sprag thrust washer failure • Damaged case

## CAUSE

The steel wave thrust washer and bronze “scoop” washers flex and contaminate the unit with metal.

## CORRECTION

This kit salvages cases, prevents future metal contamination from worn washers, and has an upgraded inner race.

## Late Model Low Sprag Update

### 56600B-01K

2 End Caps  
1 Rear Sprag Inner Race  
1 Thrust Washer

### 56600B

1 Rear Sprag Inner Race - 4.0L  
(2.70" race diameter)

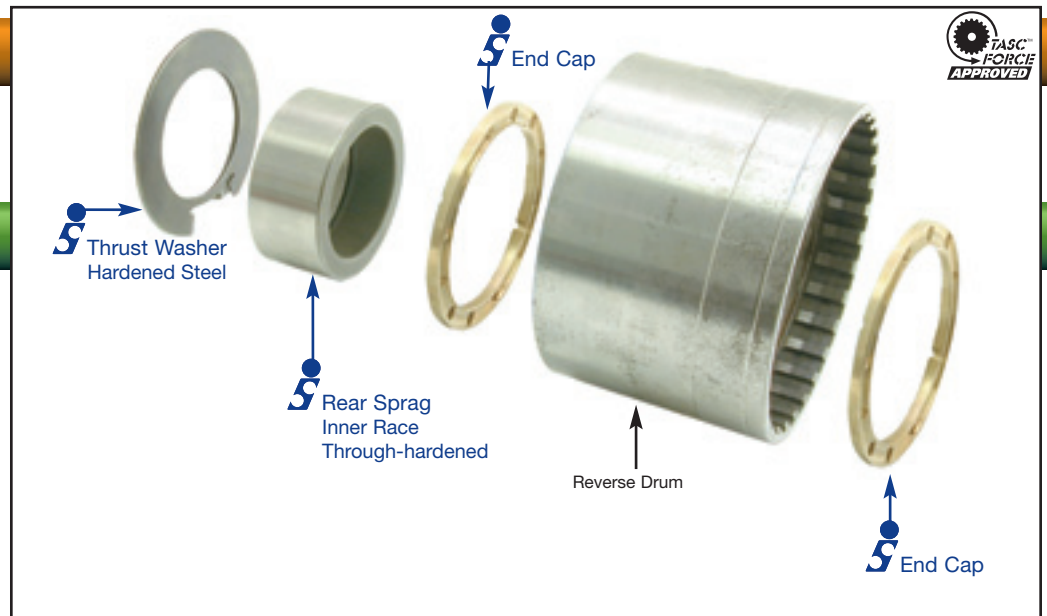
### 56250-01K

2 End Caps  
1 Thrust Washer

### 56600-DJ

1 Drill Jig  
1 Dowel Pin

**Note:** Recommended tool for 56600B and 56600B-01K



### Sonnax Part Summary

A sticking governor after rear sprag service or sprag thrust washer failure is a common complaint in late-model A4LD and 4R44E, 4R55E 4.0L units. This is caused by the steel wave thrust washer (located behind the rear sprag inner race) and the bronze “scoop” washers flexing and contaminating the unit with metal. During fabrication of the bronze washer, small cracks are formed between the bronze and steel layer of the washer. Once in service, these cracks allow bronze particles to flake off from the washer, and the problem is compounded by the flimsy steel thrust washer that it is running against. Sonnax now offers a late-model low sprag update kit, **56600B-01K**, that allows these 4.0 cases with worn or loose sprag races to be salvaged.

### Features & Benefits

- Kit contains a new inner race of through-hardened AISI 52100 steel with longer, deeper cutting serrations to ensure a tight fit after reinstallation.
- A sturdy hardened steel thrust washer and two bronze end caps are included and are also available separately for use with 4.0 cases.
- The Sonnax drill jig **56600-DJ** allows for easy disassembly and installation of the inner race and eliminates the risk of damaging the case.