

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
(see chart for applications)

56250-01K

2 End Caps
1 Thrust Washer

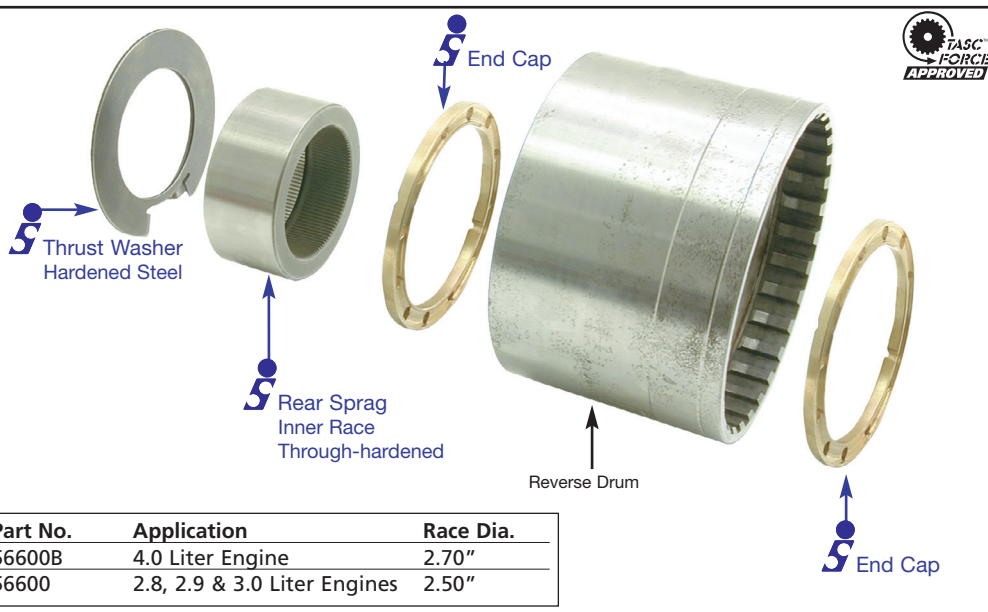
56600

1 Rear Roller Clutch Inner Race -
2.8, 2.9 & 3.0L
(see chart for applications)

56600-DJ

1 Drill Jig
1 Dowel Pin

Note: Recommended tool for 56600B,
56600 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 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 an A4LD Late Model Low Sprag Update Kit **56600B-01K** that allows A4LD 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.
- Also available is Sonnax **56600**, a replacement race for the 2.8, 2.9 and 3.0 roller clutch units. This race is also through-hardened AISI 52100 steel with longer, deeper cutting serrations.
- The Sonnax drill jig **56600-DJ** allows for easy disassembly and installation of the inner race and eliminates the risk of damaging the case.

\$ave

\$250 in case replacement costs