

## COMPLAINT

SECONDARY COMPLAINTS

## Delayed forward engagement, forward clutch failure

- Overdrive clutch retainer springs blow out

## CAUSE

The overdrive shaft is not supported by the center support.

## CORRECTION

This sleeve provides positive support for the overdrive shaft.

## Center Support/ Overdrive Shaft Sleeve Kit

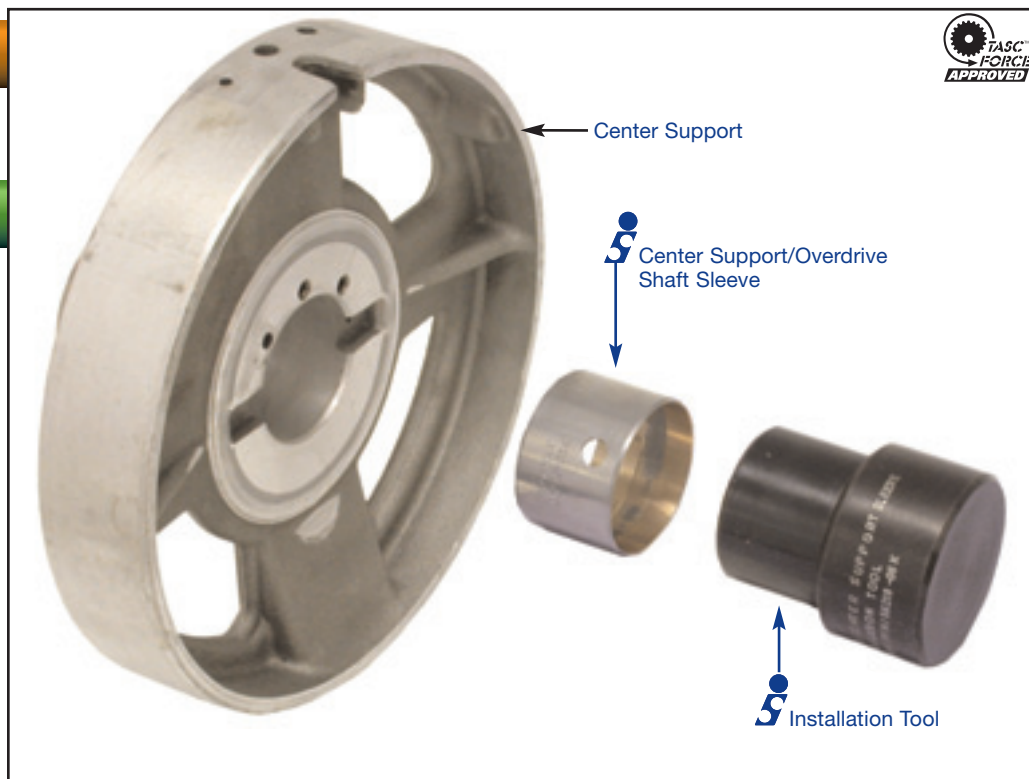
### 56219-05K

1 Overdrive Shaft Sleeve

### 56219-06K

1 Installation Tool  
1 Overdrive Shaft Sleeve

**Note:** Both parts fit '96 & earlier bushing style center supports only.



### Sonnax Part Summary

The A4LD is designed so the overdrive shaft is supported at its tip by the output shaft. The support is not adequate enough to prevent vibration of the overdrive shaft. Often, the lack of support for the overdrive shaft allows the overdrive sprag to contact the overrun clutch retainer, causing the retainer springs to blow out. Even if contact does not occur, vibration of the overdrive shaft is transferred to the forward clutch drum and causes increased wear between the forward clutch sealing rings and the center support. Eventually the wear leads to leakage of forward clutch oil. To correct the situation Sonnax has introduced a sleeve **56219-05K**.

### Features & Benefits

- Sleeve supports the overdrive shaft directly in the center support.
- Support sleeve greatly reduces movement of the overdrive shaft, which reduces wear at the center support.
- The **56219-05K** sleeve fits into the center support without any machining required to shaft or support.
- Sonnax also offers an installation tool for pressing the sleeve into the center support. The installation tool kit **56219-06K** includes a support sleeve.

**Note:** Following installation of the Sonnax sleeve, the tip of the overdrive shaft (where it fits into the output shaft) should be ground off. This eliminates the potential for binding that can occur by supporting the overdrive shaft in two locations.