



# Technical Service Information

## FORD A4LD OVERDRIVE CENTER SHAFT AND OUTPUT SHAFT CHANGES

**CHANGE:** Beginning in model year 1990, on 4.0L models, the O.D. center shaft pilot was machined .048" smaller in diameter.

**REASON:** To accommodate a new caged needle bearing assembly in the output shaft for improved stability and durability.

### PARTS AFFECTED:

- (1) **O.D. CENTER SHAFT** - The diameter of the pilot on the shaft was machined .048" smaller than the previous design, to accommodate the bearing added to the output shaft. The new design pilot diameter is .395", and the previous design pilot diameter is .443". (See Figure 1)
- (2) **OUTPUT SHAFT** - Previous design bushing was replaced by a caged needle bearing. (See Figure 2)

### INTERCHANGEABILITY:

The O.D. Center Shaft will not retro fit backwards, as it requires the caged needle bearing for proper assembly. The caged needle bearing is not serviced separately from the output shaft.

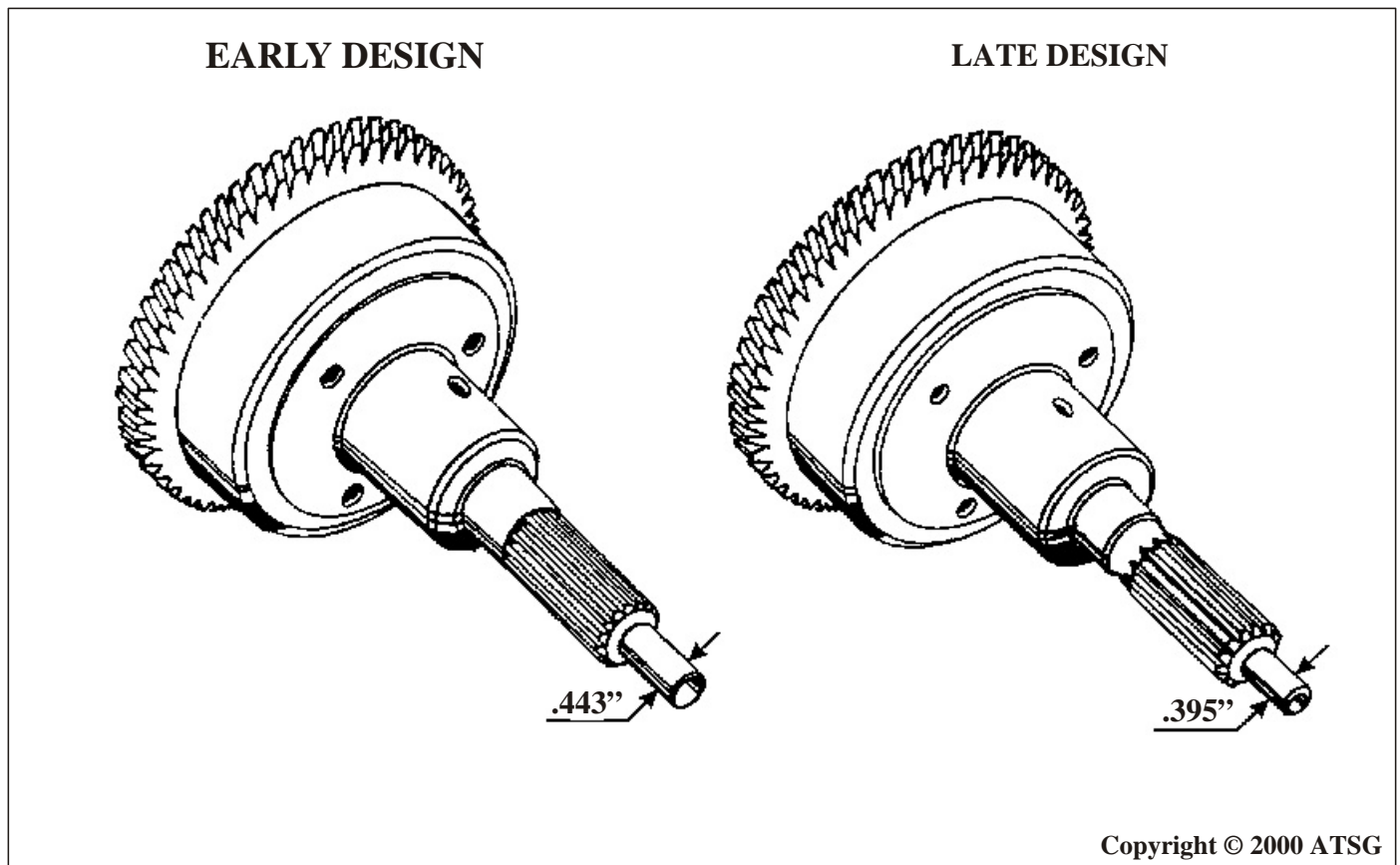
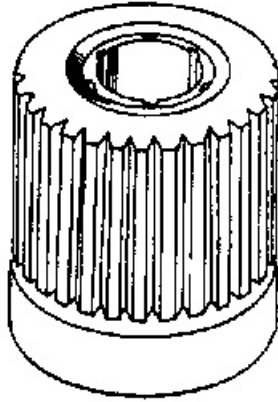
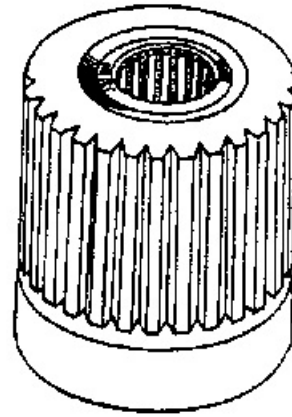


Figure 1

## EARLY DESIGN WITH BUSHING



## EARLY DESIGN WITH BEARING



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Figure 2