



# Technical Service Information

## FORD AXOD/AXOD-E

### NEW DESIGN INPUT PLANETARY CARRIER SUN GEAR AND SHELL ASSEMBLY

- CHANGE:** There has been a new design Input Planetary Carrier with a new caged needle bearing added to the shaft, and a matching Sun Gear and Shell assembly, implemented at the start of production for all 1994 model AXOD-E transaxles.
- REASON:** To better stabilize the sun gear and shell assembly and increase the durability for center gearbox concerns.
- PARTS AFFECTED:**
- (1) INPUT PLANETARY CARRIER - A new caged needle bearing has been added to the shaft on the Input Planetary Carrier, as shown in Figure 1.
  - (2) SUN GEAR AND SHELL ASSEMBLY - Single bushing is now located in front of the lube holes in the sun gear, and the area behind it is now machined to accommodate the new caged needle bearing, as shown in Figure 2.
- INTERCHANGEABILITY:**
- (1) The new design parts listed above will interchange with all previous models, BUT MUST BE USED TOGETHER AS A SET.
  - (2) THE NEW DESIGN PARTS ARE NOT COMPATIBLE WITH THE PREVIOUS DESIGN PARTS.
- SERVICE INFORMATION:**
- When you order an Input Planetary Carrier and/or a Sun Gear and Shell assembly from OEM, they will automatically supercede to the new service package part number F4DZ-7A398-A, which includes both of the new design parts listed above.

## NEW DESIGN INPUT PLANETARY CARRIER

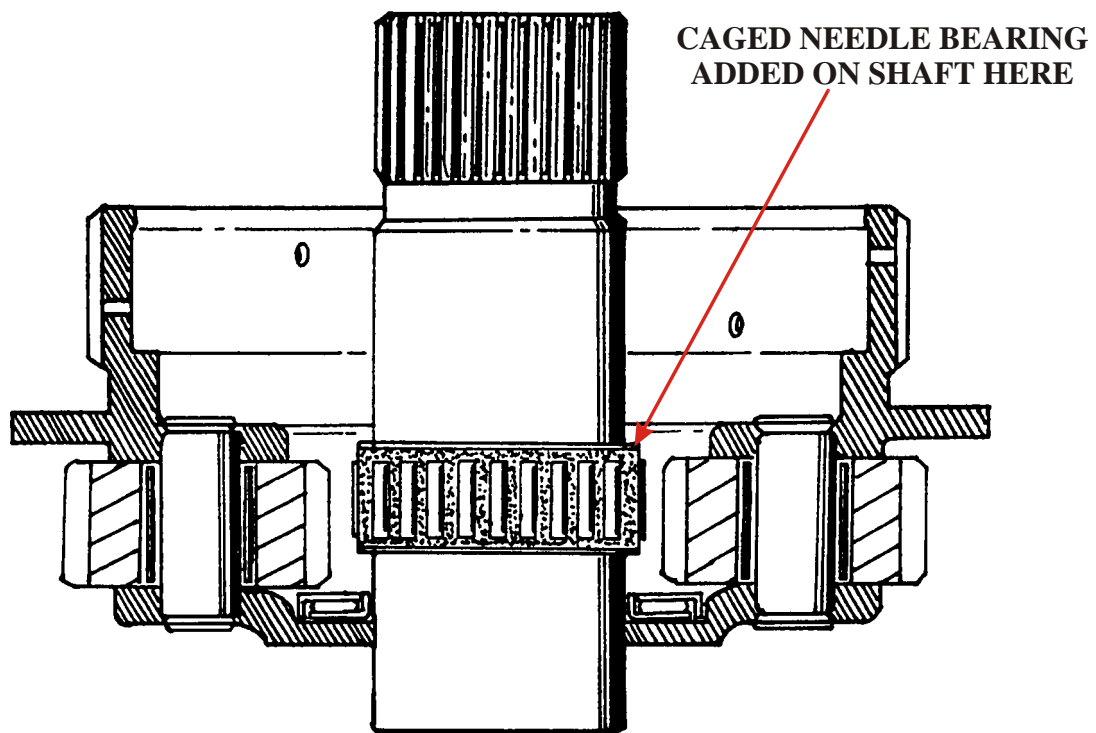
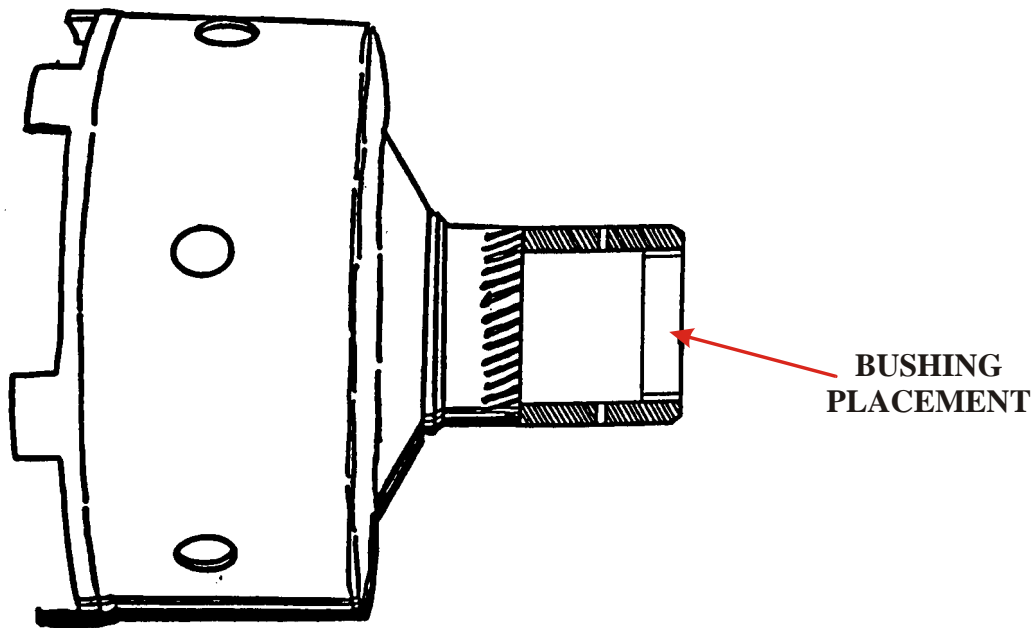
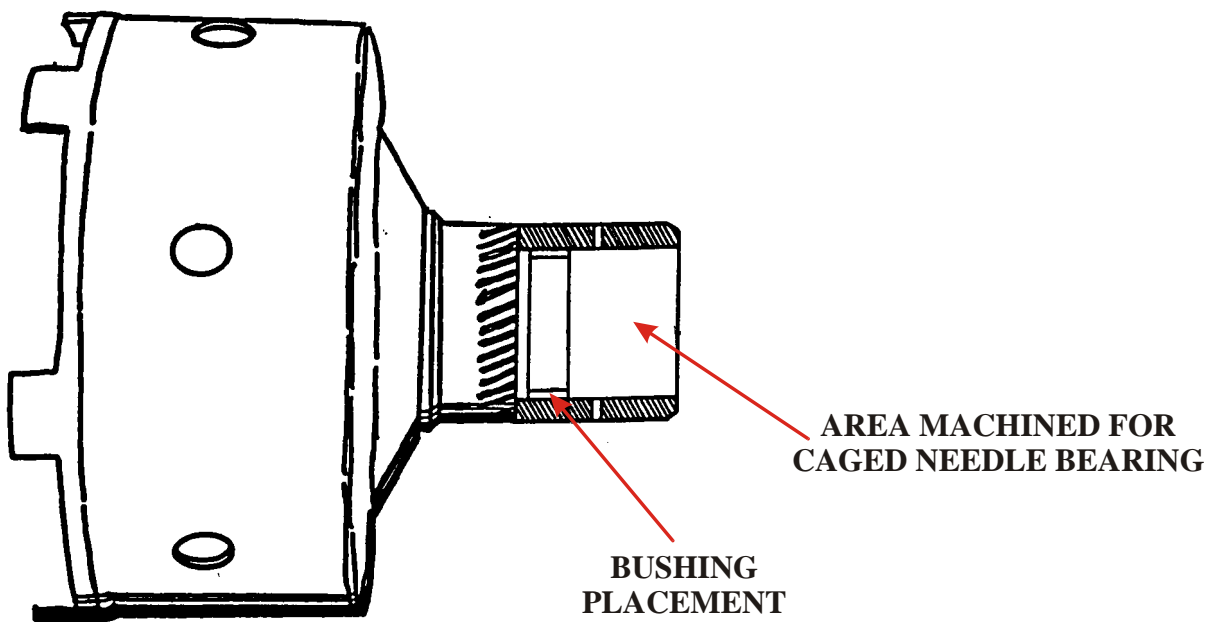


FIGURE 1

**PREVIOUS DESIGN SUN GEAR AND SHELL**



**NEW DESIGN SUN GEAR AND SHELL**



**FIGURE 2**