



# Technical Service Information

## FORD AXOD/AXOD-E NEW DESIGN CENTER SUPPORT RINGS

### ***1ST DESIGN:***

When the AXOD was first introduced in 1985, the 5 driven sprocket support Teflon sealing rings were approximately .065" axial thickness, and were "Plain Orange" in color (See Figure 1).

### ***2ND DESIGN:***

In 1989, Ford redesigned these sealing rings, increasing the axial thickness by approximately .015", and added "Green Speckles" for identification. These sealing rings were used for all AXOD and AXOD-E production from 1989 thru 1993, and all existing 1st Design (.065" Thick) rings were purged from the system and are no longer produced (See Figure 1).

### ***3RD DESIGN:***

In late 1993, Ford revised the tolerance on the scarf-cut angle from 7-12 degrees to 7-10 degrees, trying to improve the sealing ability of the rings, and removed the "Green Speckles" to aid in identifying these parts on the production line. The result was another "Plain Orange" seal ring that is a different dimension (.080" Thick), than the original "Plain Orange" seal ring (.065" Thick), and has created confusion for suppliers and technicians (See Figure 1).

### **MEASURE THE AXIAL THICKNESS AS SHOWN IN FIGURE 1.**

**APPROXIMATELY .080" THICK = OK TO USE.**

**APPROXIMATELY .065" THICK = DO NOT USE.**

### ***4TH DESIGN:***

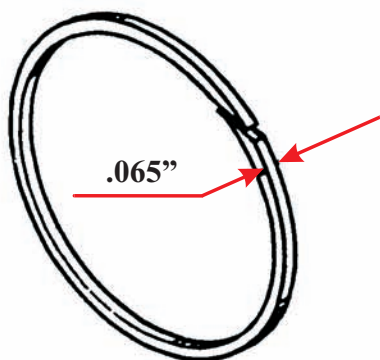
In July, 1994, Ford has again changed the sealing rings for the driven sprocket support. Although dimensionally the same as the 3rd design level, the 4th design is produced using a different manufacturing process that greatly reduces shrinkage, which improves durability and leak resistance. The 4th design level seal rings are identified by their "Red Speckles" (See Figure 1).

### ***SUMMARY:***

The 2nd design "Green Speckled", 3rd design "Plain Orange", and 4th design with the "Red Speckles", are identical dimensionally and may be used interchangeably in AXOD and AXOD-E driven sprocket support applications (See Figure 1). Once the remaining stock of the 3rd design "Plain Orange" seal rings are purged out of the system, the 4th design with the "Red Speckles" will be the only sealing rings available. The original part number E6DZ-7D019-A has not changed.

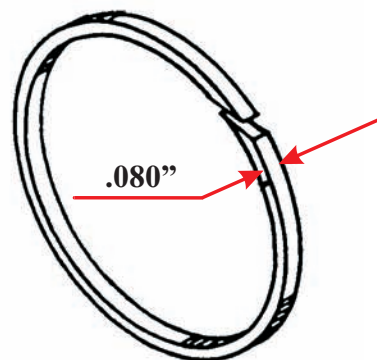
## DRIVEN SPROCKET SUPPORT SEAL RINGS

### 1ST DESIGN PLAIN ORANGE



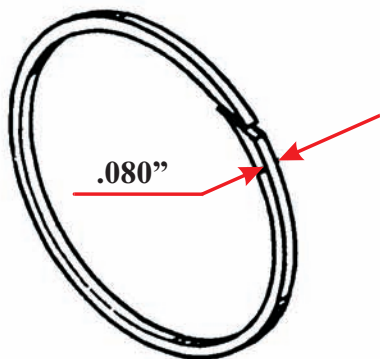
**DO NOT USE**

### 2ND DESIGN ORANGE WITH GREEN SPECKLES



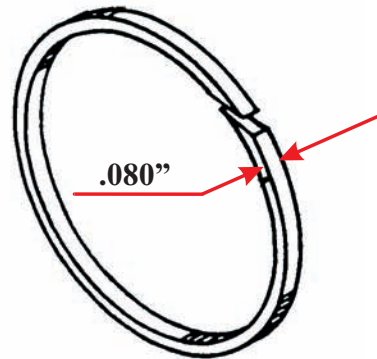
**OK TO USE**

### 3RD DESIGN PLAIN ORANGE



**OK TO USE**

### 4TH DESIGN ORANGE WITH RED SPECKLES



**OK TO USE**

**FIGURE 1**