



# Technical Service Information

## **FORD E4OD/4R100 NEW DESIGN 6 PINION FORWARD AND REVERSE PLANETARY CARRIER**

**CHANGE:** Beginning at the start of production for all 1998 model E4OD transmissions, *some models* will be equipped with a new design 6 pinion forward planetary carrier (See Figure 1), and a new design 6 pinion reverse planetary carrier (See Figure 2).

**REASON:** Increased torque carrying capacity and increased planetary carrier durability.

### **PARTS AFFECTED:**

- (1) FORWARD PLANETARY CARRIER - Now has 6 pinions instead of the previous 4 pinions for increased torque carrying capacity and increased durability (See Figure 1).
- (2) REVERSE PLANETARY CARRIER - Now has 6 pinions instead of the previous 4 pinions for increased torque carrying capacity and increased durability (See Figure 2).

### **INTERCHANGEABILITY:**

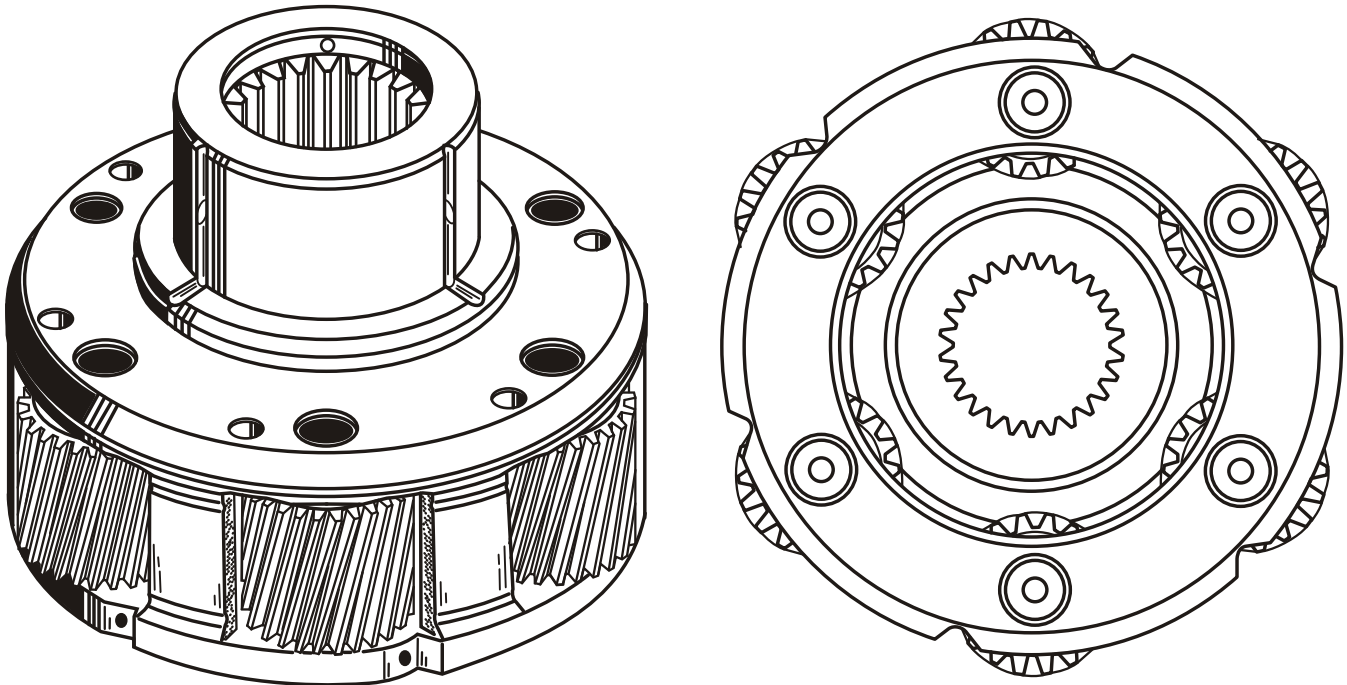
The new design forward planetary carrier *will back service all models* of the E4OD, but it *does require* the latest design forward ring gear hub and bearing assembly, as there are no holes for the previous design thrust washer (See Figure 1).

The new design reverse planetary carrier *will back service all models* of the E4OD, but it *does require* the latest design reverse clutch hub and three tang thrust washer for both sides, as shown in Figure 2.

### **SERVICE INFORMATION:**

Forward Planetary Carrier (6 Pinion) ..... F81Z-7A398-CA  
Reverse Planetary Carrier (6 Pinion) ..... F81Z-7D006-AA

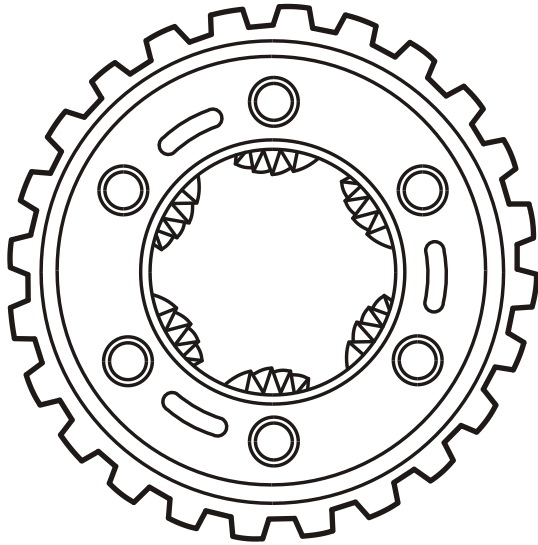
**NEW DESIGN 6 PINION FORWARD PLANETARY CARRIER  
PART NUMBER F81Z-7A398-CA**



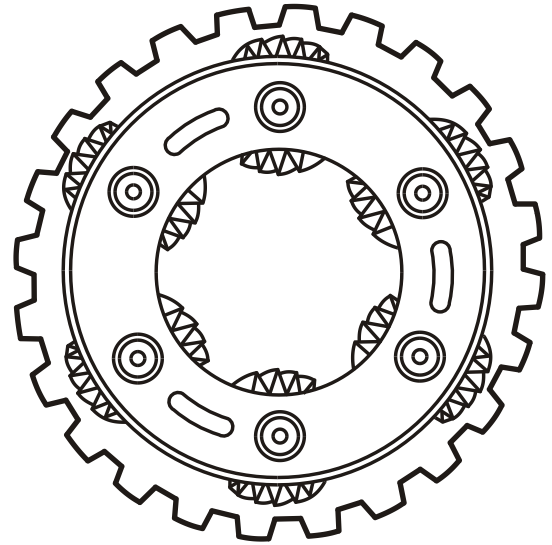
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Figure 1

## NEW DESIGN 6 PINION REVERSE PLANETARY CARRIER PART NUMBER F81Z-7D006-AA



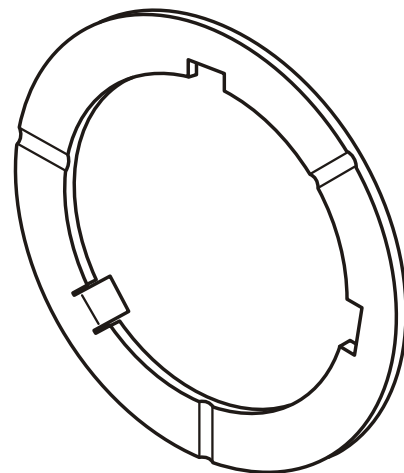
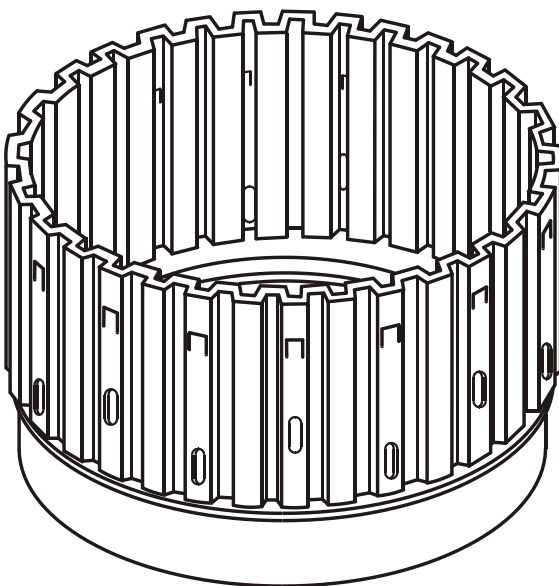
*Front View*



*Rear View*

**REQUIRES 1997-UP DESIGN LEVEL  
REVERSE CLUTCH HUB ASSEMBLY**

**REQUIRES 3 TANG THRUST WASHERS  
ON BOTH SIDES OF REAR CARRIER  
PART NUMBER F0TZ-7A166-D**



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Figure 2