



# Technical Service Information

## **FORD E40D NEW DESIGN CAST IRON OVERDRIVE CARRIER**

**CHANGE:** There is now available from Ford Motor Company, a new design Overdrive Planetary Carrier that is made out of cast iron and available under part number F5TZ-7B446-A.

**REASON:** Greatly increased durability of the Overdrive Carrier.

**PARTS AFFECTED:**

(1) OVERDRIVE PLANETARY CARRIER - New design is made out of cast iron and is the shorter design that requires the new design input shaft (See Figure 1).

(2) INPUT SHAFT - Now 12mm shorter than the previous design shaft to accommodate the new design overdrive planetary carrier, and is required with the new carrier (See Figure 1).

**INTERCHANGEABILITY:**

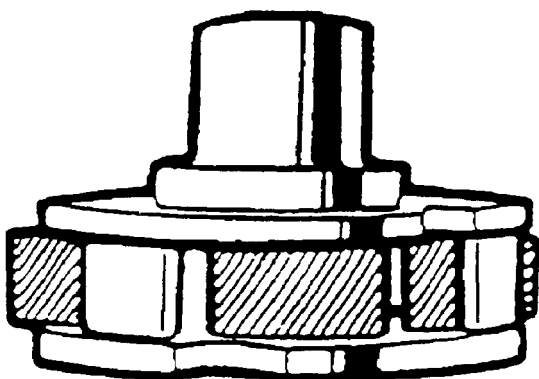
The new design cast iron Overdrive Planetary Carrier will back service all models to 1989, but the new design Input Shaft is required to be used with it (See Figure 1).

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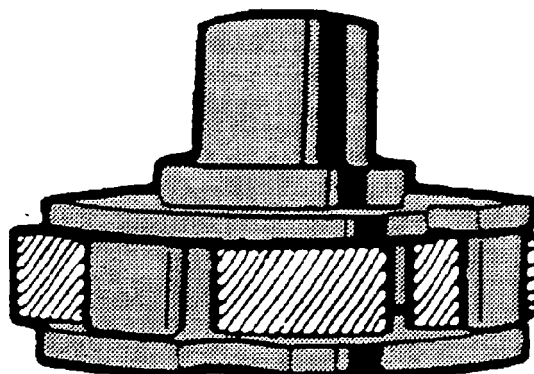
Overdrive Planetary Carrier (Cast Iron) . . . . .	F5TZ-7B446-A
Input Shaft (Short with I.D. Groove) . . . . .	F4TZ-7017-D

Figure 1

## NEW DESIGN CAST IRON CARRIER



**PREVIOUS DESIGN  
ALUMINUM OVERDRIVE  
CARRIER**



**NEW DESIGN  
CAST IRON  
OVERDRIVE CARRIER  
PART # E5TZ-7B466-A**

**THE NEW DESIGN CAST IRON O.D. CARRIER IS THE SHORTER  
VERSION OF THE PREVIOUS CARRIERS, AND MUST BE USED WITH THE  
SHORT INPUT SHAFT WITH I.D. GROOVE, AS SHOWN BELOW**

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**THE CAST IRON CARRIER CAN ONLY BE  
USED WITH THE SHORT INPUT SHAFT**



**I.D. GROOVE TO IDENTIFY  
THE 12mm SHORTER INPUT SHAFT  
F4TZ-7017-D**