



# Technical Service Information

## **THM 4L65-E 5 PINION FRONT AND REAR PLANETARY CARRIERS**

**CHANGE:** Beginning at the start of production for model year 2001, General Motors introduced a new transmission designated THM 4L65-E with many engineering changes. Currently this unit is found in all 2001 Cadillac Escalade and any vehicle with 6.0L engine or larger, that was previously equipped with the THM 4L60-E transmission. One of the changes includes adding a 5 pinion reaction(rear) planetary carrier and a 5 pinion input (front) planetary carrier, as shown in Figures 1 and 2, with no dimensional changes to the related parts.

**REASON:** Increased durability and reliability.

### **PARTS AFFECTED:**

- (1) REACTION (Rear) PLANETARY CARRIER - Now equipped with 5 planetary pinion gears, as shown in Figure 1.
- (2) INPUT (Front) PLANETARY CARRIER - Now equipped with 5 planetary pinion gears, as shown in Figure 2.

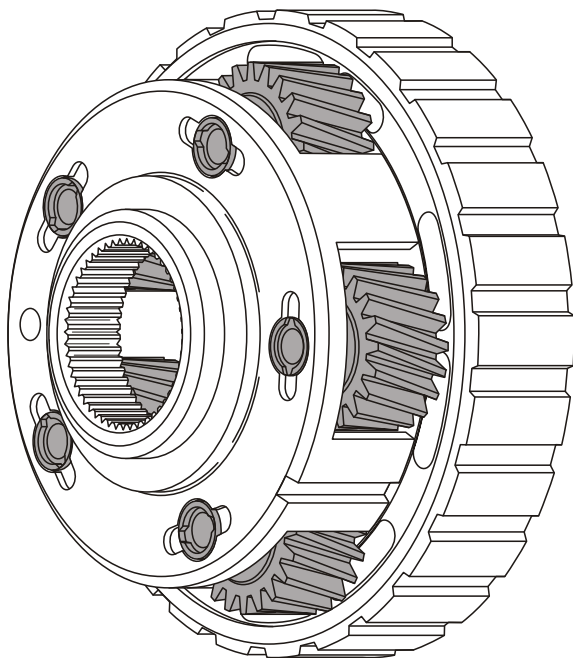
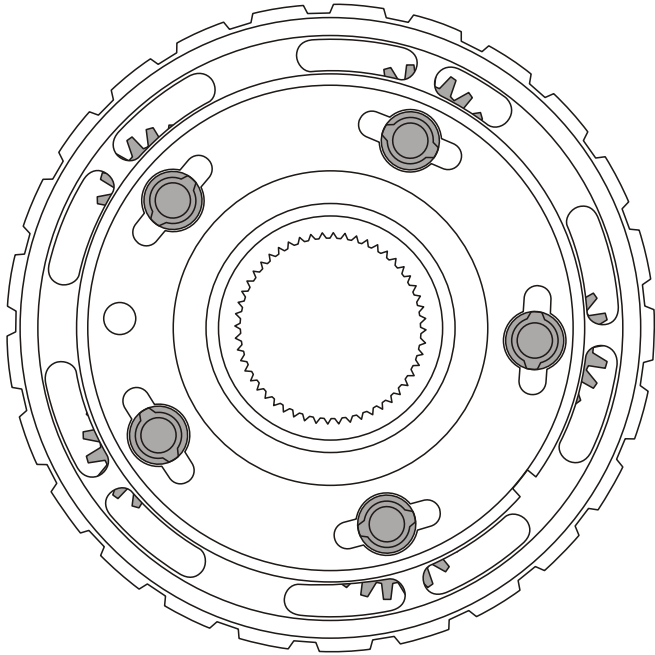
### **INTERCHANGEABILITY:**

Both Input and Reaction 5 pinion planetary carriers can be used in any previous model 4L60-E transmission for increased durability.

### **SERVICE INFORMATION:**

Input Planetary Carrier Assembly, 5 Pinion .....	24216399
Reaction Planetary Carrier Assembly, 5 Pinion .....	24218069

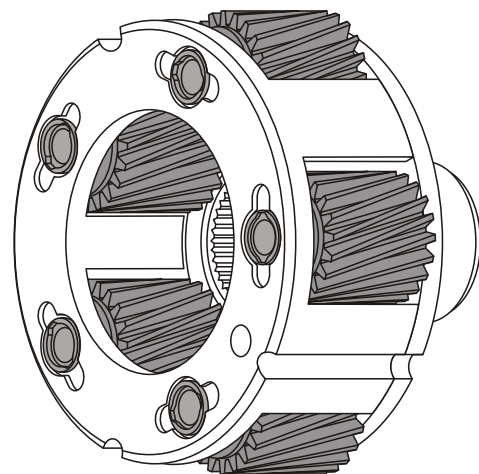
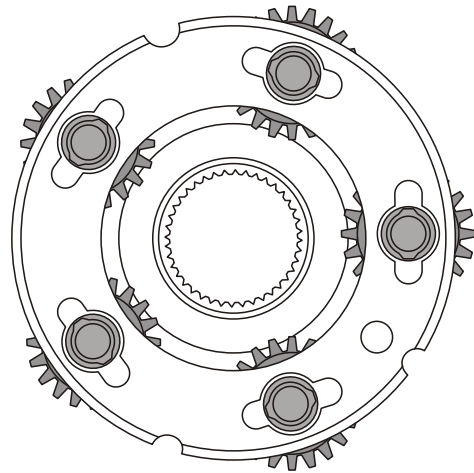
THM 4L65-E  
5 PINION REAR CARRIER



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Figure 1

THM 4L65-E  
5 PINION FRONT CARRIER



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Figure 2