



# Technical Service Information

## **FORD 5R110W *Torqshift*** **LOW DIODE FAILURE**

**CHANGE:** The Low Diode assembly has been changed very early in the 2003 production year with a material change and very small dimensional changes. Exploded view of the low/reverse clutch parts is provided for you in Figure 1.

**REASON:** Much improved durability and reliability.

**PARTS AFFECTED:**

- (1) LOW DIODE ASSEMBLY - Recieved a material change on all pieces of the low diode assembly and a small "Dimple" was added to one tooth of the inner race for identification, as shown in Figure 2.

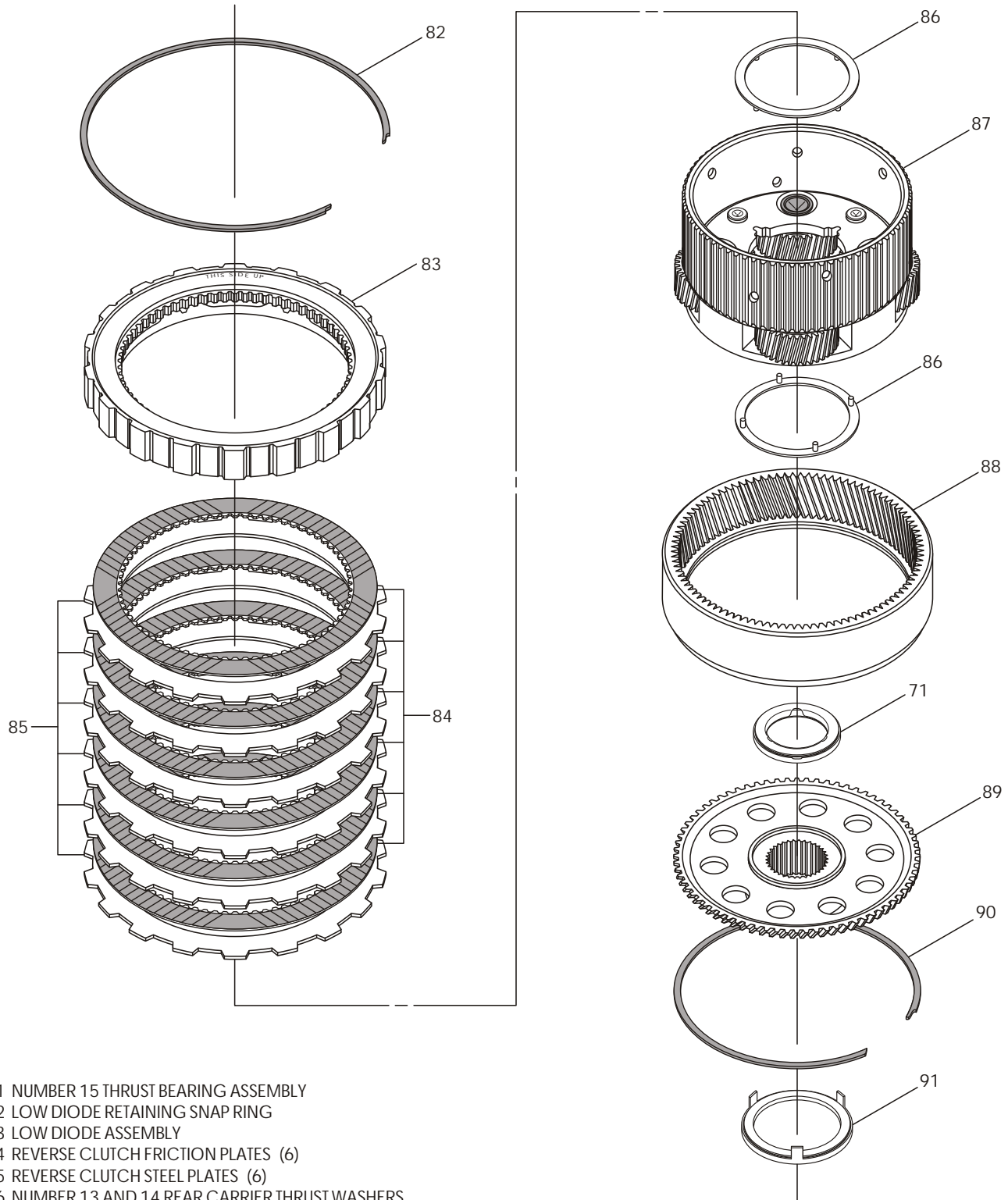
**INTERCHANGEABILITY:**

*Will retro-fit back on all model years. Do not use a low diode that does not have the small identification "Dimple" on one tooth of the inner race, as shown in Figure 2.*

**SERVICE INFORMATION:**

Low Diode Assembly (2nd Design) ..... 3C3Z-7A089-AB

## LOW/REVERSE CLUTCH PARTS EXPLODED VIEW



- 71 NUMBER 15 THRUST BEARING ASSEMBLY
- 82 LOW DIODE RETAINING SNAP RING
- 83 LOW DIODE ASSEMBLY
- 84 REVERSE CLUTCH FRICTION PLATES (6)
- 85 REVERSE CLUTCH STEEL PLATES (6)
- 86 NUMBER 13 AND 14 REAR CARRIER THRUST WASHERS
- 87 REAR PLANETARY CARRIER ASSEMBLY
- 88 REAR PLANETARY CARRIER INTERNAL RING GEAR
- 89 REAR PLANETARY CARRIER INTERNAL RING GEAR HUB
- 90 REAR PLANETARY CARRIER RING GEAR HUB SNAP RING
- 91 NUMBER 16 THRUST BEARING ASSEMBLY

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Figure 1

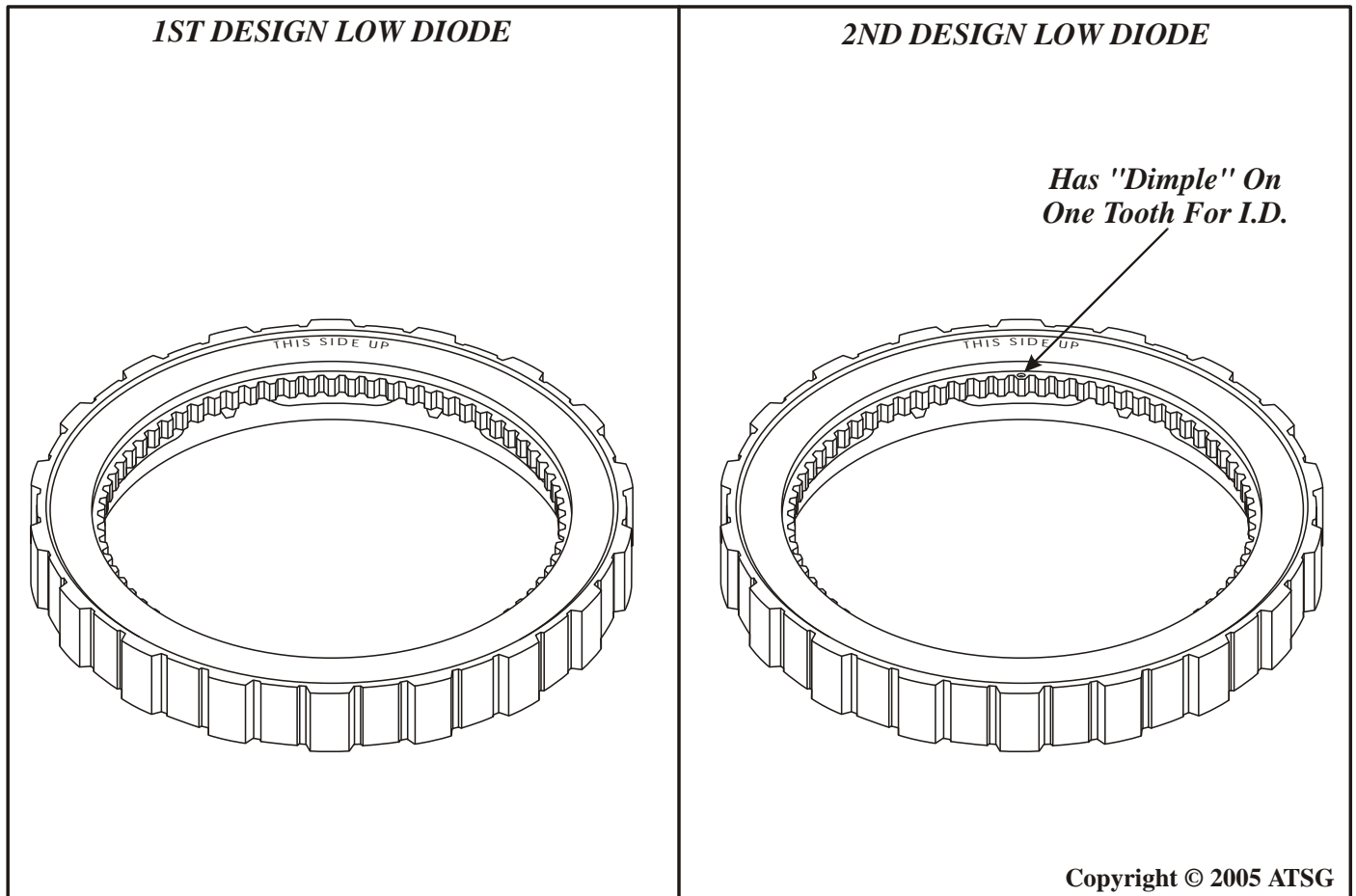


Figure 2