

**TRANSMISSION—4R70W—NEW SERVICE PART—  
NUMBER 5 NEEDLE BEARING AND RACE KIT—  
SERVICE TIP**

**Article No.  
03-26-1**

**FORD:** 1994-1997 THUNDERBIRD  
1994-2003 CROWN VICTORIA, MUSTANG, E SERIES  
1996-2001 EXPLORER  
1994-2003 F SERIES

**LINCOLN:** 1994-1998 MARK VIII  
1994-2003 TOWN CAR

**MERCURY:** 1994-1997 COUGAR  
1994-2003 GRAND MARQUIS  
1997-2001 MOUNTAINEER

**ISSUE**

Should repairs become necessary on a 4R70W transmission involving replacement of the forward or reverse clutch sun gear, and/or the number five (#5) thrust bearing, these service parts all must be replaced in combination. A mismatch of service parts may cause an internal noise or a loss of forward and/or reverse. A new service kit has been produced to eliminate the mismatch of service parts. This new kit services all 4R70W transmissions built prior to the 2004 model.

**ACTION**

A new Service Kit 4L3Z-7D234-AA has been produced to eliminate the mismatch of service parts. The kit contains the following:

- A new two (2) piece number five (#5) thrust bearing assembly (7D234 bearing and 7D235 race) (Figure 1)
- A forward clutch sun gear (7A399) (Figure 2)
- A reverse sun gear (7A019) (Figure 3)

**SERVICE TIP**

To install, refer to the latest version Workshop Manual for disassembly and reassembly of the transmission.

**CAUTION**

**ALL COMPONENTS IN THE KIT MUST BE INSTALLED OR THE REPAIR MAY NOT BE EFFECTIVE AND MAY CAUSE AN INTERNAL NOISE OR LOSS OF FORWARD AND/OR REVERSE.**

PART NUMBER	PART NAME
4L3Z-7D234-AA	Trans Service Kit

**NOTE:** The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

**Article No. 03-26-1 Cont'd.**

**OTHER APPLICABLE ARTICLES:** NONE  
**WARRANTY STATUS:** Eligible Under Provisions Of  
New Vehicle Limited  
Warranty Coverage

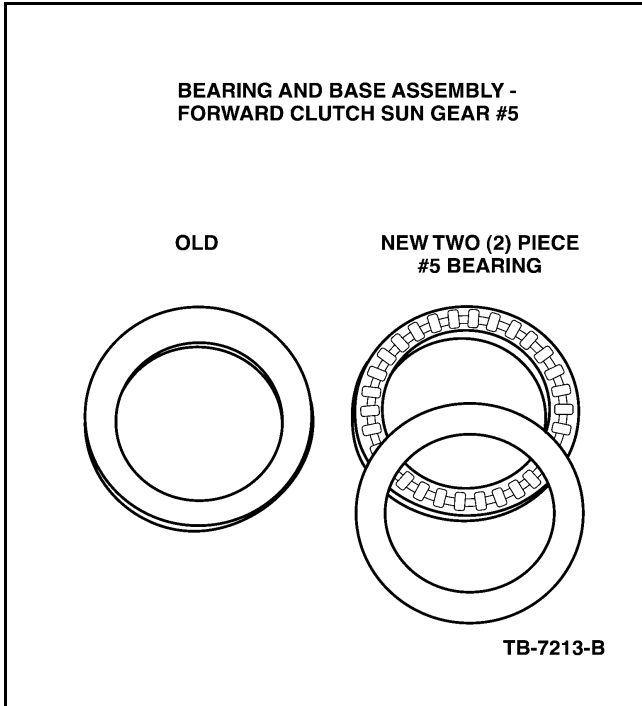


Figure 1 - Article 03-26-1

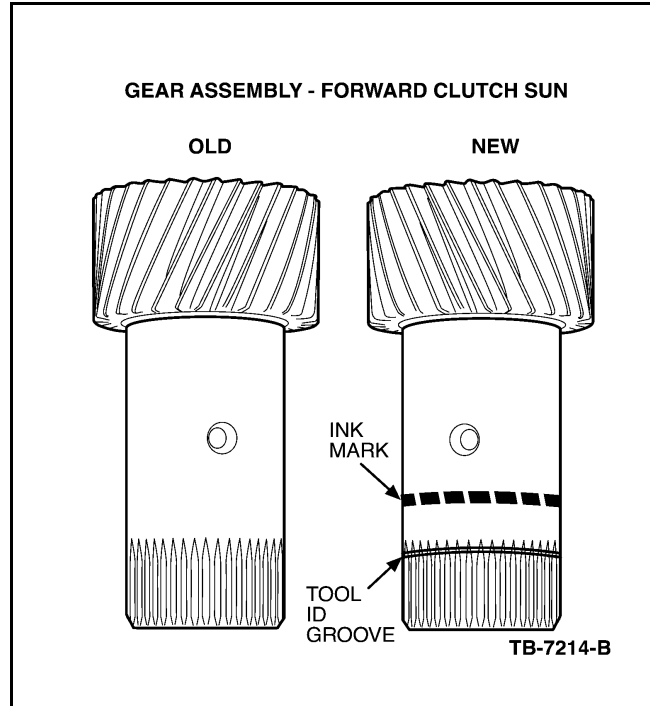


Figure 2 - Article 03-26-1

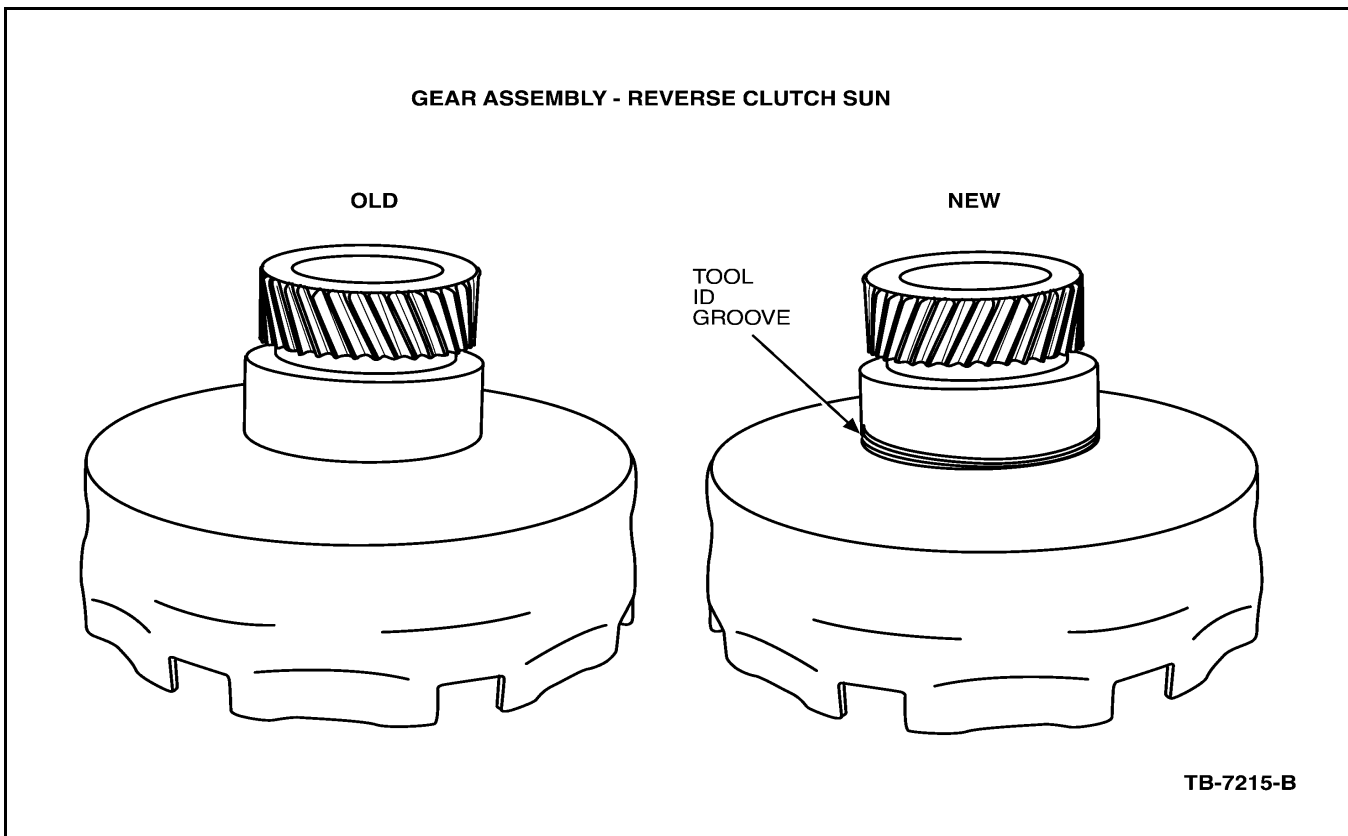


Figure 3 - Article 03-26-1