



# TECHNICAL BULLETIN

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DATE: JUNE 20, 1995  
MODEL YEAR: 1994 - 1995  
CHASSIS MODEL: UD1400  
BULLETIN #: TR - 08  
**FILE IN THE TRANSMISSION SECTION**

## **MES50 (B) (C) REVERSE SYNCHRONIZER STOPPER WASHER**

### **PURPOSE:**

To notify the UD Truck service technician of the purpose and function of the reverse synchronizer hub stopper washer (part number 32313 - 32J01) and to advise of the importance of this component part in the proper operation of the transmission.

### **SERVICE NOTICE:**

The MES50B transmission found in the 1994 UD1400 and the MES50C found in the 1995 UD1400 are synchronized in reverse gear. Reverse gear synchronization is accomplished by use of an inertia lock key type synchronizer. Because the reverse synchronizer engages reverse gear only and no other gear, the detent blocks and detent block tension spring must be secured in the reverse hub to prevent their dislodging when gear engagement occurs.

The reverse synchronizer ***stopper washer is press fitted*** on the back side of the ***reverse synchronizer hub*** and it serves the purpose of retaining and securing the detent blocks and detent block tension spring in place; see item number **103** in the figure on the reverse side of this page. The front tension spring in the reverse synchronizer is held in place by the reverse baulk ring.

The UD1400 Service Manual ***does not list the reverse synchronizer stopper washer*** in the mainshaft exploded view. UD Dealers should make a manual correction to their UD1400 Service Manual page MT-5-4 to include this item in the drawing.

THE INFORMATION CONTAINED IN THIS BULLETIN SHOULD NOT BE INTERPRETED  
AS THE BASIS FOR CLAIMS UNLESS SO DESIGNATED.

