

# TECHNICAL BULLETIN TR-18

DATE: DECEMBER 19, 2003  
 MODEL YEAR: 1992 AND AFTER  
 TRANSMISSION MODEL: MLS61B  
 BULLETIN NUMBER: TR-18  
 FILE IN THE TRANSMISSION SECTION OF THE TECHNICAL BULLETIN BINDER

## MLS61B COUNTERSHAFT CHANGE

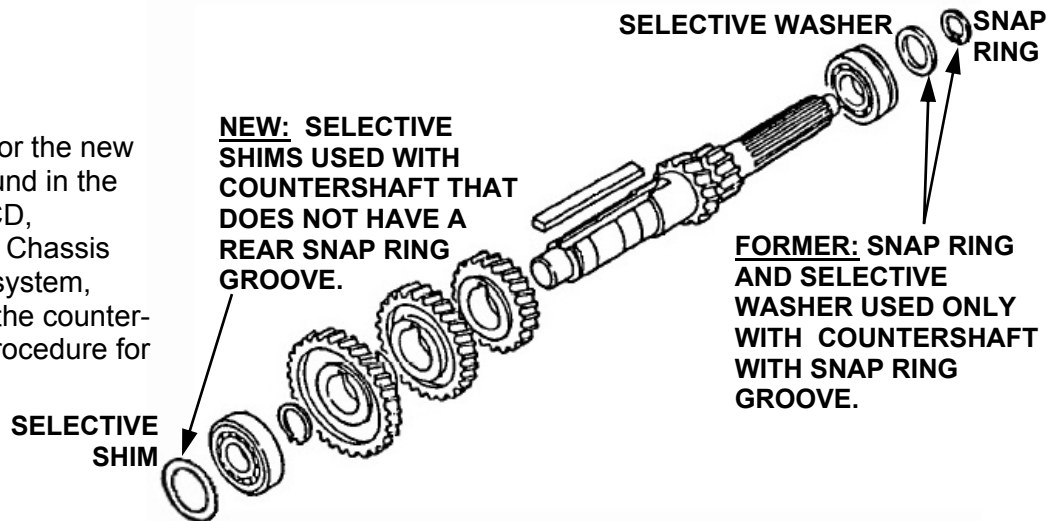
### CHANGE NOTICE

The countershaft rear bearing snap ring and selective spacer has been eliminated starting with MLS61B transmissions produced in March 2002.

The new countershaft does not have a rear snap ring groove and utilizes selective shims between the front bearing and clutch housing. This is a similar countershaft design that is used in the MLS62B transmission.

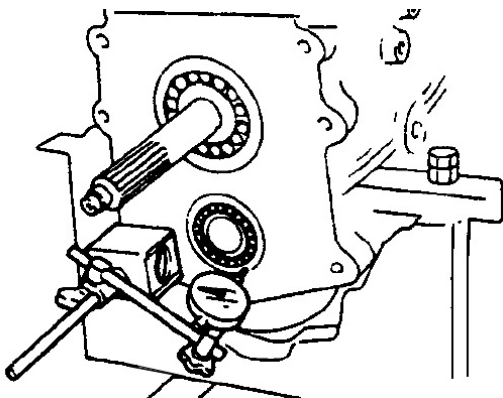
### PROCEDURE

Assembly procedures for the new countershaft can be found in the 2004 Service Manual CD, UD1800HD ~ UD3300, Chassis section, Transmission system, page TM1-5-23, using the countershaft endplay setting procedure for the MLS62B.



### PARTS NOTICE

The following shim part numbers should be used to set the proper countershaft end play.



SHIM PART NUMBER	SHIM THICKNESS, mm (in)
32218Z5000	0.1 (0.004)
32218Z5001	0.2 (0.008)
32218Z5002	0.3 (0.012)

**SPECIAL NOTE:** Although the MLS61B and MLS62B countershaft appear similar, they are not interchangeable.

THE INFORMATION CONTAINED IN THIS BULLETIN SHOULD NOT BE INTERPRETED AS THE BASIS FOR WARRANTY CLAIMS							
FOR THE INDICATED PERSONNEL BELOW, PLEASE READ, INITIAL, AND ROUTE TO THE FOLLOWING:							
X	SERVICE MANAGER	X	WARRANTY MANAGER	X	SERVICE TECHNICIANS INITIAL BELOW:		
X	PARTS MANAGER	X	SHOP FOREMAN				