

Bulletin: TMIB-0193

Date: June 16, 2011

Bulletin Type: Service

Topic: Transmission Output Shaft Nut Loosening

Issue Description:

The heavy-duty transmission output shaft nuts have been loosening.

Containment/Corrective Action:

The new output shaft nut (4306520) will prevent loosening and maintain the installation torque. The new nut has a crimped crown that creates interference between the output shaft threads and the nut. In addition, there is a locking compound applied to the threads of the nut.

Affected Models/Population:

All heavy-duty transmissions built with output shaft nut part number 4302321.

Field Strategy:

If output nut 4302321 loosens, replace it with 4306520 and torque nut to 650-700 lb-ft.

Note: The new nut with the crimped crown requires a higher torque rating than the old nut. The higher torque is needed to seat the nut completely.



New Output Shaft Nut (4306520)



Current Output Shaft Nut (4302321)