

Technical Service Information



TSI-04-13-06

Date: November, 2004

Subject File: TRANSMISSION

Subject: Product Upgrades for Fuller 13 and 18 Speed Transmissions

Model: 5500i

Model: 5600i

Model: 5900i

Model: 7300

Model: 7400

Model: 7500

Model: 7600

Model: 7700

Model: 8500

Model: 9600

Model: 9200i

Model: 9400i

Model: 9900i

Model: 9900ix

Unit Code: 13GJS, 13GKK, 13GKJ, 13GKL, 13GKM, 13GMU, 13GMV, 13GNM, 13GRD, 13GRE

DESCRIPTION

NOTICE

The information supplied herein has been furnished by the manufacturer and/or the supplier for use with its product. International Truck and Engine Corporation reprints this information based on representations made to the Company. While users are urged to carefully follow the instructions accompanying the product, International cannot accept any responsibility for user errors, or mishaps resulting from such errors, or from any misuse of the product. Refer to Bulletin TMIB-0145 below for more information.

Service Bulletin: TMIB-0145

Date: August 10, 2004

Bulletin Type: Service

Topic: Product Upgrades for 13 Speed, 18 Speed and Convertible Models

Issue Description:

Product upgrades and configuration standardizations are being implemented on the above transmissions and essentially fall into two groups of changes

Group 1 RTLO/F-16/18/20/22918B, RTLO/F-16/18/20913A, RTOC/F-16909A, RTLOC/F-16909A-T2 & RTLO-16/18/20/22918A-AS2 (these models were previously equipped with pressure lubrication system).

Physical product changes for the 12 Fastener Clutch Housings & Main Cases include:

- Added two additional fasteners at the clutch housing to main case joint
- Standardized fasteners and revised the fastener torque specifications
- Enhanced forced lube system (Lube tube now protrudes into the intermediate wall and sprays the mainshaft gearing and Auxiliary drive gear bearing) See Fig 1

Group 2 RTLO/F-12/14913A & RTLO/F-14918B

Physical product changes for the 12 Fastener & Forced Lube System Clutch Housing & Main Case includes:

- Added two additional fasteners at the clutch housing to main case joint
- Standardized fasteners and revised the fastener torque specifications
- Added Enhanced forced lubrication system for RTLO/F-12/14913A & RTLO/F-14918B models (Lube tube now protrudes into the intermediate wall and sprays the mainshaft gearing and Auxiliary drive gear bearing) See Fig 1
- Standardized gearing (No need for hard grind finish)
- Standardized Heavy Duty Auxiliary drive gear bearing
- Standardized configuration for 1 1/16-12 Straight O-Ring type drain plug for RTLO/F-12/14913A & RTLO/F-14918B models

Affected Models/Population:**Installation Effects:**

Installation requirements for the vehicle are not affected by the Group 1 model changes.

Installation requirements are unaffected for the changes to the Group 2 models with the following exceptions:

- RTLO/F-12/14913A Integral Oil Pump and Pressure Lubrication System now standard, no SAE #2 clutch housings or Lt Weight Alum SAE #1 clutch housing available.
- RTLO/F-14918B Pressure Lubrication System now standard, no SAE #2 clutch housings or Lt Weight Alum SAE #1 clutch housing available.

Production cut in date for transmissions that include all changes under the Issue Description section

Model	Production change over	Cut in Date
RTLO/F-14/16/18/20/22918B	July 2004	7/5/04
RTLO/F-12/14/16/18/20913A	July 2004	7/5/04
RTOC/F-16909A	July 2004	7/5/04
RTLOC/F-16909A-T2	July 2004	7/5/04
RTLO-14/16/18/20/22918A-AS2	July 2004	7/5/04

For part number information visit Roadranger.com or call the Roadranger help desk at 1-800-826-4357.

The material contained in this bulletin is product improvement information. Eaton Corporation is not committed to, or liable for, canvassing existing transmissions. FSUD: 2004-MT-4188