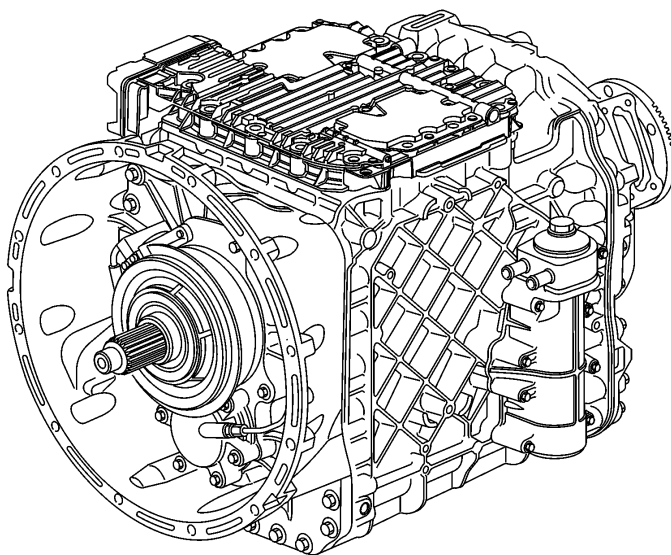


Transmission ECU, Replacement GU, CXU

PI0860, Transmission ECU, Replacement

(October 2015)

Some MACK vehicles equipped with mDrive transmission version D built between 2/2/2015 and 3/19/2015 require a transmission ECU replacement. Approximately 34 vehicles are involved in this campaign. Before proceeding, verify campaign eligibility by checking Service Program status in eWarranty.



T4021207

Required Parts

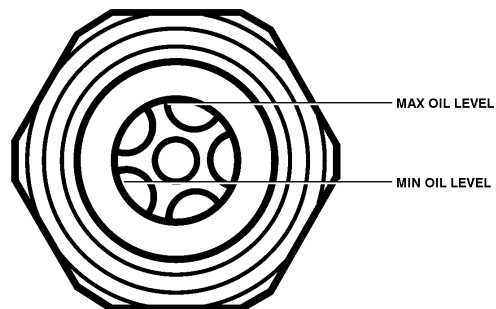
- mDrive Control Housing (part number 21484418)
- Sealing Kit (part number 20785252), contains:
 - Solenoid Valve Seals (2)
 - Countershaft Brake O-Ring (1)
 - Upper Cover Gasket (1)

Procedure

You must read and understand the precautions and guidelines in Service Information, Function Group 4, General Safety Practices, Transmission before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

Special tool: 85108826

- 1 Secure the vehicle for service by parking it on a flat level surface, applying the parking brake, chocking the rear wheels, and placing the transmission in neutral or park.
- 2 Disconnect all cables from the negative (ground) battery terminals to prevent personal injury from electrical shock and prevent damage to electrical components
- 3 Drain the air system.
- 4 Replace the transmission ECU. Refer to Function Group 431.
- 5 Pressurize the air system and check for leaks.
- 6 Reconnect all previously removed cables to the negative (ground) battery terminals.
- 7 Check and fill the transmission with approved transmission oil.



T4021684

- 8 After the transmission is installed, it is necessary to configure the new TCM with its software using premium tech tool (PPT).
- 9 After the TCM has been flashed with its software, it is necessary to perform a "transmission and clutch, pulling position, calibration" using the scan tool.

Reimbursement

This repair is covered by an authorized Service Program. Reimbursement is obtained via the normal claim handling process.	UCHP Reimbursement	eWarranty Reimbursement
Claim Type (used only when uploading from the Dealer Bus. Sys.)	41	41
Recall Status		
Vehicle inspected, repair not required		1- Inspected OK
Vehicle repaired per instruction		2- Modified per instruction
Labor Code		
Primary Labor Code	4319-03-02-03 5.2 hrs	3235D-01-96 5.2 hrs.
Time to take charge and determine campaign status	1700-16-01-01 0.3 hrs	101AA-0A-00 0.3 hrs
Causal Part	21484418	21484418
Parts Disposition All parts to be scraped locally		
SCC Code	S6940	NA
Authorization Number	NA	PI0860
Expiration Date	31 - October - 2016	31 - October - 2016

Note: Take Charge Time is not included in the Labor Code for this operation. Take charge may be eligible but can only be used once per repair visit. If vehicle is having other warranty repairs performed, take charge should be charged to the warranty repair, otherwise take charge can be charged to this service program.