

Authorized Field Change



AFC 20905

Date: January 2021

Subject File: Transmission

Subject: Eaton Endurant Transmissions

Model: International® Lonestar®, LT®, and RH™ Series Trucks

Start Date: 6 March 2018 End Date: 1 May 2019

Engine Family: NA

DESCRIPTION

Recalibrate Transmission Control Module (TCM) software to improve Linear Clutch Actuator (LCA) performance and mitigate possible transmission service lamp.

ELIGIBILITY

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with AFC 20905. Check and complete any other open campaigns also at this time.


TOOLS INFORMATION


NOTE: This procedure requires access to Eaton ServiceRanger 4 software. Ensure ServiceRanger 4 Database level is updated to: 2010-01-SCB-4209 10/21/2020 or greater prior to performing procedure.

Table 1. **Tool Information**


Part Number	Tool Description	Quantity
N/A	EZ-Tech®	1
N/A	Eaton ServiceRanger 4 Software	1
N/A	Approved USB Communication Interface	1
PSC550CC	Battery Charger 55 Amp	1

SERVICE PROCEDURE

 **WARNING:** To prevent personal injury, and / or death, or damage to property, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.

 **WARNING:** To prevent personal injury, and / or death, or damage to property, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

 **WARNING:** To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

 **WARNING:** To personal injury, and / or death, or damage to property, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

1. Park vehicle on a flat surface.
2. Shift transmission to Park or Neutral and set parking brake.
3. Turn vehicle ignition to Key OFF position.
4. Install wheel chocks.
5. Connect battery charger / maintainer to vehicle battery.
6. Access vehicle Transmission Control Module (TCM).
7. Using EZ-Tech® equipped computer, click on link below. Search for and follow Eaton Service Bulletin TAIB-0885.

[Eaton ServiceRanger 4 website](#)

8. Disconnect battery charger / maintainer from vehicle battery.
9. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Table 2. Labor Information

Operation No.	Description	Time
A40-20905-1	Reprogram Transmission Control Module	0.5 hr

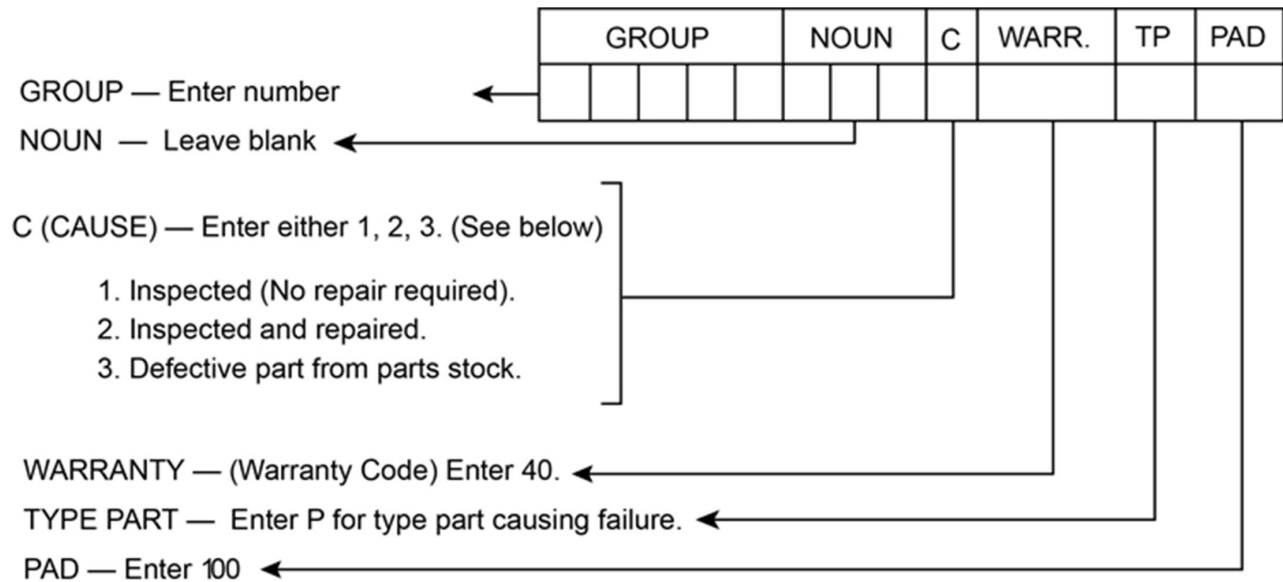
ADMINISTRATIVE PROCEDURE

Expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Authorized Field Change Number 20905.

Section 7 of the Warranty Policy and Procedures Manual contains further information related to the submission and processing of AFC / Recall claims.

As with all claim submissions, items acquired locally must be submitted in the “Other Charges” tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

To ensure this important improvement is made in a timely manner, all claims for 20905 activity must be submitted by 29 January 2022 or within the normal warranty period for the component repaired, if after 29 January 2022.



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