



Subject: Required TCM Initialization and Calibration after Transmission Replacement - Procision

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Issue Description:

When a remanufactured Procision transmission assembly is installed into a vehicle and the original Transmission Control Module (TCM) is installed onto the transmission, the TCM must run auto-calibrations to ensure proper transmission operation.

Affected Models/Population:

- EDCO-6F107Å
- EDCO-6F107A-P
- EDCO-6F107A-B

Field Strategy:

Perform the steps below to complete the transmission replacement process.

1. Key on engine idling.

NOTICE: Engine must remain idling during this entire procedure.

- **2.** With engine idling, wait 5-8 minutes to allow transmission auto-calibrations to complete.
- **3.** After waiting 5-8 minutes with engine idling, connect ServiceRanger.
- 4. In ServiceRanger, Go To Fault Codes.
- 5. Select "Clear Eaton Faults" and follow on-screen prompts. Determine next step:
 - a. If any fault code(s) remains Active, go to **Step 6**.
 - b. If all fault codes are Inactive, go to **Step 10**.
- 6. In ServiceRanger, Go To Service Routines.
- 7. Select "Start" Rail Calibration and follow on-screen prompts.
- 8. Perform a total of 5 Rail Calibrations before going to the next step.

- **9.** In ServiceRanger, Go to Fault Codes:
 - a. If any fault code(s) is Active, create a Service Activity Report and select Send to Eaton. Internet connection required. Contact Eaton Cummins Automated Transmission Technologies for further diagnostic instructions.
 - i. U.S. and Canada Help Line: +1-800-826-4357
 - ii. Mexico Help Line: +52-800-800-6801
 - b. If fault codes are Inactive, go to Step 10.
- 10. In ServiceRanger, Go To Configuration.
- **11.**Select "Options".
- **12.** In the Serial Number parameter "New Value" field enter the **new** transmission serial number. (RF1XXXX)
- **13.** Select "Apply" and follow on-screen prompts.
- **14.** Road test for 18 minutes (0.3 of an hour) performing multiple launches from a stop and upshifts to confirm proper transmission operation.
- **15.**Connect ServiceRanger.
- 16. In ServiceRanger, Go to Fault Codes:
 - a. If any fault code(s) is Active, create a Service Activity Report and select Send to Eaton. Internet connection required. Contact Eaton Cummins Automated Transmission Technologies for further diagnostic instructions.
 - i. U.S. and Canada Help Line: +1-800-826-4357
 - ii. Mexico Help Line: +52-800-800-6801
 - b. If fault codes are Inactive, select "Clear Eaton Faults" and follow onscreen prompts. Disconnect ServiceRanger, **process complete**.

Warranty Information:

Information only

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