



Subject: Required Procedures for Procision Transmission Replacement

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Issue Description:

When a new Procision transmission assembly is installed into a vehicle and the original Transmission Control Module (TCM) is installed onto the new transmission, the TCM must be initialized and calibrated to ensure proper transmission operation.

Affected Models/Population:

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

Field Strategy:

Perform these steps to complete TCM initialization and calibration:

STEP A: TCM Initialization

1. Key on with engine off.
2. Connect ServiceRanger.
3. Go To "Fault Codes".
4. Select "Clear Eaton Faults" and follow on-screen prompts.
5. Select "Service Activity Report" and create a Service Activity Report.
6. From the "Viewing" dropdown list select "Snapshot".
7. Select "Clear Snapshot".
8. Go To "Programming" and update software if available.
9. Go To "Configuration".
10. Select "Options".
11. In the Serial Number parameter "New Value" field enter the **new** transmission serial number.
12. Select "Apply" and follow on screen prompts.

STEP B: TCM Calibration Service Routines

1. Key on with engine off.
2. Go To "Service Routines".
3. Select "Start" Grade Sensor Calibration and follow on-screen prompts.
4. If vehicle is equipped with a T-Handle shift device, select "Start" TRS Shift Device Calibration and follow on-screen prompts.
5. Key on with engine running.
6. Select "Start" Rail Calibration and follow on-screen prompts.
7. Select "Start" Line Pressure Calibration and follow on-screen prompts.
8. Select "Start" Clutch Pressure (PI) Calibration and follow on-screen prompts.
9. Select "Start" Clutch Touch Point (PTP) Calibration and follow on-screen prompts.
10. Key off and wait 1 minute.
11. Key on with engine off.
12. Go To "Fault Codes".
 - If active fault code(s) is set, refer to TRTS0990 Precision Troubleshooting Guide.
 - If no active fault codes, select "Clear Eaton Faults" and follow on-screen prompts.
13. Disconnect ServiceRanger.
14. Key off.

Warranty Information: Information only

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