

27-011: Eaton Endurant Transmission Power Take-Off (PTO) Software Update 5541090

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Number

27-011

Subject

Eaton Endurant Transmission Power Take-Off (PTO) Software Update 5541090

Date

12/17/2025

Condition

TCM software version 5541090 is now available. The older version 5516372 can prevent proper PTO energization, reducing the flow rate from 20 GPM to 3 GPM. If this issue occurs, the transmission service lamp does not illuminate, and no TCM fault code is reported.

Please see the attached Eaton bulletin **TAIB-1021** in the Links section of this bulletin for complete details.

Chassis Affected

Vehicle model year 2025-2026 T680 / T880 / W900 / W990 chassis built from 5/27/2024 through 12/15/2025 equipped with an Eaton Endurant transmission, 5516372 TCM software version, and a PTO prep switch.

Action

Fix-as-Fail

If a customer comes into your dealership with a PTO that does not operate or engage and has outdated software, proceed with the new software update.

Please see the attached Eaton bulletin **TAIB-1021** in the Attachments section of this bulletin for complete details.

Warranty

Starting from **12/17/2025**, through Standard Warranty or any active applicable Supplier Extended (Supplier Pass through) Warranty, Kenworth will pay for labor to update software:

- **0.3 hours** labor to update software. Use Recommended Repair Code **27011**.
- File an additional claim for extraordinary circumstances. A Recommended Repair for standard

labor must be filed first.

- Cross-division repairs are not allowed.
- File the claim within 14 days in accordance with the Warranty Policy.

PRWS CLAIM CODING			
Campaign Code	27011	Campaign Type	Field Repair
Claim Category	Truck	Repair Type	Fix-As-Fail
Customer Concern Code	120 - Will Not Engage/Disengage	Causal Code	95 - Requires Program Update
Corrective Action Code	23 - Program / Reprogram/Reflash	Responsibility Code	CAMPSUPP
Failure Location	026-015-021 Software - ECU Module, Automated Transmission	Causal Part	Q30-1098-0003
Supplier Code	21888AB	SRT Code	B25-30A 0.3 hours Eaton Endurant PTO Software Update per bulletin procedure

Procedure

Follow your dealership's safety procedures and precautions to ensure the vehicle is safely repaired and maintained.

Please see the Attachments section below for procedures to update the TCM software to 5541090 or higher.

Links

[Eaton TAIB-1021](#)