

T020 - PACCAR TX-8 Wheel Speed Sensor DTC 521215-2 Software Update

Number

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T020

Description

PACCAR TX-8 Wheel Speed Sensor DTC 521215-2 Software Update

Subject

PACCAR TX-8 Wheel Speed Sensor DTC 521215-2 Software Update

Date

3/19/2025

Condition

Certain Model 535, 536, 537, and 548 chassis equipped with a PACCAR TX-8 transmission received transmission software with an incorrect variable. This software issue may cause DTC 521215-2 to set, the Transmission Dash Light to illuminate, and shifting to be restricted.

A software update is now available to fix the issue.

Fix-as-Fail start date: 03/19/2025.

Chassis Affected

Certain Model Year 2024-2026 Peterbilt 535, 536, 537, and 548 built with a PACCAR TX-8 transmission.

Action

Fix-as-Fail

Proactive repairs are not covered under this bulletin.

If a customer comes into your dealership with DTC 521215-2 active, use the repair procedures in the Links section to update software and reset Rear Axle

Ratio calibration.

Warranty

Starting on **03/19/2025** and through Standard Warranty or any applicable, active, Extended Warranty, Peterbilt will pay for labor.

- **0.5 hours** labor to update Transmission Electronic Control Unit (TECU) software per bulletin procedure. Use Recommended Repair Code **T020**.
- For supplemental repairs, file a long form claim and enter **T020** in the "Campaign Code" field.
- Peterbilt dealers may perform T020 repairs on Kenworth chassis, but Recommended Repairs do not apply. For Kenworth chassis repairs, file an editable claim and enter T020 in the "Campaign Code" field.
- File the claim within 7 days in accordance with the Warranty Policy.

Take-Off Parts Disposition: N/A

PRWS CLAIM CODING			
Campaign Code:	T020	Campaign Type:	Field Repair
Claim Category:	PACCAR Transmission	Repair Type:	Fix-As-Fail
Customer Concern Code:	092	Causal Code:	93
Corrective Action Code:	23	Responsibility Code:	CAMP
Failure Location:	027-037-001	Causal Part:	E94-1025-129
Supplier Code:	N/A	SRT Code:	B25-10A 0.5 hours Bulletin T020 - Transmission Electronic Control Unit Software Update.

Parts

No parts needed, software only.

Procedure

Please follow your dealership's safety procedures and precautions to ensure the vehicle can be safely repaired and maintained.

Read all steps before beginning.

Ensure that DAVIE4 is up to date before connecting to a chassis for diagnostics or attempting to update any software.

See Link below for detailed procedure.

Links

[T020 - Software Update Procedure](#)