

PSB T020: T180/T280/T380/T480 PACCAR TX-8 Transmission Software Update for Wheel Speed Sensor

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Number

T020

Description

T180/T280/T380/T480 PACCAR TX-8 Transmission Software Update for Wheel Speed Sensor

Subject

T180/T280/T380/T480 PACCAR TX-8 Transmission Software Update for Wheel Speed Sensor

Date

3/19/2025

Condition

Certain T180 / T280 / T380 / T480 chassis equipped with a PACCAR TX-8 transmission received transmission software with an incorrect software variable. This software issue may cause Wheel Speed Sensor DTC 521215-2 to set, the Transmission Dash Light to illuminate, and restricted shifting.

A software update is now available to fix the issue.

Chassis Affected

All T180 / T280 / T380 / T480 chassis built from 10/30/2023 through 11/04/2024 with PACCAR TX-8 transmissions.

Action

Fix-As-Fail

If a customer comes into your dealership and demonstrates the condition above, follow the attached

procedures to update software and reset rear axle ratio calibration.

Warranty

Through Standard Warranty, Kenworth will pay for labor:

- **0.5 hours** labor to update Transmission Electronic Control Unit (TECU) software. Use Quick Claim Code **T020**.
- Issues arising from using prior DAVIE4 software versions will not be covered by warranty.
- File an additional claim for extraordinary circumstances. A quick claim for standard labor must be filed first.
- File the claim within 14 days in accordance with Warranty Policy [CA009](#).
- Kenworth dealers may perform T020 repairs on Peterbilt chassis, but Quick Claims do not apply. For

Peterbilt chassis repairs, use the long claim input form.

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 hrs Bulletin T020: Update TECU software per bulletin procedure

Parts

No Parts Necessary – 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.

Follow the procedures in the attached [procedures document](#).

Links

[Procedures Document](#).

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