

T024: PACCAR TX-12 and TX-18 Transmission Air Supply Pressure Sensor Software Update

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Number

T024

Subject

PACCAR TX-12 and TX-18 Transmission Air Supply Pressure Sensor (TASPS) Software Update

Date

5/26/2026

Revision

6/15/2026: New software is available for download. The DAVIE4 cache must be cleared before attempting to reprogram a chassis that is experiencing problems to ensure the latest version of software is installed. Follow all steps in the attached procedures before submitting a TCS case.

6/12/2026: The repair procedure has been updated to include diagnostic steps.

Condition

TCM software version R6.3.1 is now available. If the TASPS fails, the transmission service light will illuminate, fault code 215, SPN 37, and FMI 0, 1, 2, 10, 18, and 21 will be recorded.

Fault Code	SPN	Description	FMI
215	37	Transmission Air Supply Pressure Sensor	0, 1, 2, 10, 18, 21

 **NOTE**

This service bulletin only applies to the Fault Code, Suspect Parameter Number (SPN) and Failure Mode Identifier (FMI)s indicated above.

Chassis Affected

Vehicle model year 2025-2026 T280, T380, T480, T680, T880, and W990 manufactured between 05/31/2024 and 06/30/2025 equipped with a PACCAR TX-12 or TX-18 transmission, R5.5 TCM software

version, and an A5 controller

Action

Fix-as-Fail

If a customer comes into your dealership with the transmission service lamp illuminated, fault code 215, SPN 37, and FMI 0, 1, 2, 10, 18, and 21 logged, and has a software version prior to R6.3.1, proceed with the new software update.

Warranty

Starting from **05/26/2026**, through Standard Warranty or any active applicable Supplier Extended (Supplier Pass through) Warranty, Kenworth will pay for labor:

- **1.8 hours** labor to diagnose, update software, and upload DAVIE Session Report. Select Recommended Repair Code **T024**.
- File an additional claim for extraordinary circumstances. A Recommended Repair for standard labor must be filed first.
- Kenworth dealers may perform T024 repairs on Peterbilt trucks, but Recommended Repairs do not

apply. File a long form claim and enter T024 in the Campaign Code field.

- File the claim within 14 days in accordance with the Warranty Policy.

PRWS CLAIM CODING			
Campaign Code	T024	Campaign Type	Field Repair
Claim Category	PACCAR Transmission	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	10005053 (SENSOR, AIR PRESSURE)
Supplier Code	21888AB	SRT Code	B26-09A 1.8 hours PACCAR TX-12 and TX-18 Fault Code 215 Transmission Air Supply Pressure Sensor (TASPS) Software Update

Procedure



WARNING!

Repair or maintenance procedures may pose a safety risk in limited circumstances. You must read all procedure steps before performing any work and follow all dealership safety procedures or precautions. Failure to comply may result in death, personal injury, equipment damage, or property damage.

Please see the Links section below for procedures to update the TCM software to R6.1.3 or higher.



NOTE

For chassis that have attempted this update and encountered problems: New software is available for download. Follow all steps in the attached procedures before submitting a TCS case.

Links

[T024 PACCAR TX-12 and TX-18 Transmission Air Supply Pressure Sensor Software Update Repair Procedure](#)

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215	37	Transmission Air Supply Pressure Sensor	0, 1, 2, 10, 18, 21

 **NOTE**

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Chassis Affected

Vehicle model year 2025-2026 Model 537, 548, 567, 579, and 589 manufactured between 05/28/2024 and 06/30/2025 equipped with a PACCAR TX-12 or TX-18 transmission, R5.5 TCM software version, and

an A5 controller

Action

Fix-as-Fail

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PRWS CLAIM CODING			
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Corrective Action Code	23 - Program / Reprogram/Reflash	Responsibility Code	CAMPSUPP
Failure Location	026-015-021 - Software - ECU Module, Automated Transmission	Causal Part	10005053 (SENSOR, AIR PRESSURE)
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