

Safety Recall 25KWB: T180/T280/T380/T480 Exterior Lighting Programming

[Edit](#) [Clone](#)

Number

25KWB / 25V041 / 2025-036

Supplier

Kenworth Truck Company

Description

Safety Recall 25KWB: T180/T280/T380/T480 Exterior Lighting Programming

Date

2/7/2025

What's New

A new Recommended Repair has been added. It must be used if safety recall 25PACF is performed prior to or at the same time as this repair since the 25PACF remedy also satisfies this safety recall.

Introduction

The Exterior Lighting Switch (ELS) in certain T180/T280/T380/T480 chassis may not function and can be reset only by a key cycle. This issue may result in non-compliance with the following US Federal Motor Vehicle Safety Standards (FMVSS) or Canadian Motor Vehicle Safety Standards (CMVSS) Regulations:

- FMVSS 101 - Controls and Displays
- FMVSS 108 - Lamps, Reflective Devices, and Associated Equipment
- CMVSS 101 – Controls, Tell-tales, Indicators, and Sources of Illumination
- CMVSS 108 - Lamps, Reflective Devices, and Associated Equipment.

If the ELS fails, the hazard lights and the backlight brightness adjustment may not function. As a result, the lack of hazard lights may not alert other drivers. Failure to adjust the backlight brightness may distract the operator or make it difficult to see critical safety information, which may increase the risk of a crash.

Warning Which Can Precede or Occur: None

Situation

2,805 (2,685 US and 120 Canada) Vehicle Model Year 2023-2026 T180 / T280 / T380 / T480 chassis

built from 7/5/2022 through 12/20/2024.

Resolution

Safety Recall

Service all chassis affected that enter your dealership, even if the customer has no issue with the chassis.

1. Review the attached chassis list for your dealer code and schedule your customer(s) for service if their chassis is on the list.
2. In Service Management, select Campaign **25KWB** to add it to the case. If the unit is released back into service without performing the repair, make sure to also release the Campaign in Service Management
3. If you are not using Service Management to start repair orders, review SIR for "Complete" or "In Process" next to the **25KWB** campaign code prior to performing this repair.
4. Follow the procedures below to update software in Vehicle Electronic Control Unit (VECU3), Digital Display (DD2), and Central Security Gateway (CSG2).

If 25PACF and 25KWB display Open on the same chassis, follow the 25PACF repair instructions to update the software and, if necessary, replace specified hardware. Dealer must file both Recommended Repairs 25PACFA or B AND 25KWBB. 25KWBB will reimburse the dealer a time of **0.1 hours** to close 25KWB, which was resolved with 25PACF completion.

If 25KWB is Complete and 25PACF is Open, 25PACF repairs still need to be completed.

Federal Law

It is a violation of Federal law for a dealer to sell or lease new vehicles covered by this recall until the defect or noncompliance has been corrected.

Warranty

Starting on **02/07/2025**, Kenworth will pay for parts at dealer net plus applicable mark-up and labor:

- **0.5 hours** labor to update VECU, Digital Display, and CGS2 software. Use Recommended Repair Code **25KWBA**.
- If 25PACF and 25KWB display Open on the same chassis, follow the 25PACF repair instructions to update the software and, if necessary, replace specified hardware. Dealer must file both

Recommended Repairs **25PACFA or B AND 25KWBB**. 25KWBB will reimburse the dealer a time of **0.1 hours** to close 25KWB which was resolved with 25PACF completion.

- File an additional claim for extraordinary circumstances. A quick claim for standard labor must be filed first.
- Issues arising from using prior DAVIE4 software versions will not be covered by warranty.
- File the claim within 14 days in accordance with Warranty Policy [CA009](#).

Take off parts disposition: N/A

PRWS CLAIM CODING			
Campaign Code:	25KWB	Campaign Type	Safety Recall
Claim Category:	Truck	Repair Type	Proactive
Customer Concern Code	225	Causal Code	93
Corrective Action Code	12	Responsibility Code:	Camp
Failure Location	003-006-003	Causal Part	Q21-1157-013-013
Supplier Code	N/A	SRT Code	B25-08A 0.5 hrs Update software for VECU3, CSG2 and DD2 and perform repair verification per

			bulletin procedure B25-08B 0.1 hrs Complete safety recall 25KWB/25PBB in SIR if 25PACF has been completed first
--	--	--	---

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.

If 25PACF and 25KWB display Open on the same chassis, follow the 25PACF repair instructions to update the software and, if necessary, replace specified hardware. Dealer must file both Recommended Repairs 25PACFA or B AND 25KWBB. 25KWBB will reimburse the dealer a time of 0.1 hours to close

25KWB, which was resolved with 25PACF completion.

If 25KWB is Complete and 25PACF is Open, 25PACF repairs still need to be completed.

Ensure that DAVIE4 is up to date before connecting to a chassis for diagnostics or attempting to

update any software.

1. Process a PVP file for the chassis
 - a. Open PACCAR Vehicle Pro.
 - b. Enter the chassis number.
 - c. Select SAVE AND CONTINUE.
 - d. Select SUBMIT.
2. Connect a battery charger during programming.
3. Update software for VECU3, CSG2, and DD using DAVIE4
 - a. Connect DAVIE4 using NEXIQ adapter and 9-pin diagnostic connector.
 - b. Connect ethernet cable.



- c. Download updated software for VECU3, CGS2, and DD following the prompts in DAVIE4.
 - d. Program VECU3, CSG2 and DD with updated software.

4. Clear any faults generated during programming.
5. Disconnect DAVIE4 and battery charger.

Parts

Software Only – No Parts Required.

Links

[Chassis List](#)

[US Letter](#)

[Canada Letter](#)

Authored by: JB3

Revision History

12/08/2025: Added Recommended Repair for completing the recall in SIR if safety recall 25PACF is performed at the same time.

03/17/2025: Updated interim bulletin to final. Procedures and software are now available.