

# 25PBB: New Medium Duty and Model 567 Exterior Lighting Programming

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## Number

25PBB / NHTSA #: 25V041 / Transport Canada #: 2025-036

## Supplier

PACCAR

## Description

Safety Recall – New Medium Duty and Model 567 Exterior Lighting Programming

## Date

2/7/2025

## What's New

### Safety Recall

The Exterior Lighting Switch (ELS) in certain Model 535, 536, 537, 548, and 567 chassis may not function and can be reset only by a key cycle. This issue may result in non-compliance with FMVSS/CMVSS 101 and 108.

Affected chassis must have the Vehicle Software updated.

Campaign start date is **03/17/2025**.

## Introduction

The Exterior Lighting Switch (ELS) in certain Model 535, 536, 537, 548, and 567 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 condition: None

## Situation

2,883 (2,693 US and 190 Canada) Vehicle Model Year 2024-2026 535, 536, 537, 548, and 567 chassis built from

4/13/2023 through 12/20/2024.

## Resolution

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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 **25PBB** 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” next to the **25PBB** Campaign code prior to performing this repair.
4. Follow the procedures below to update software in Vehicle Electronic Control Unit (VECU3), Digital Display (DD), and Communications {Central} Security Gateway (CSG2).

## Federal Law

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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

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There is no time or mileage limit for this recall.

Starting **03/17/2025**, Peterbilt will pay for parts at dealer net plus applicable mark-up and labor:

- 0.5 hours to update VECU, Digital Display, and CGS2 software. Use Recommended Repair code **25PBB**.
- For supplemental repairs, file a long form claim and use code **25PBB** in the Campaign Code field.
- File the claim within 7 days in accordance with warranty policy.

Take-Off Parts Disposition: N/A

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

## Procedure

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

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

4. Clear any faults generated during programming.

5. Run a Vehicle Check. Verify the following software levels in the software I pane:

- Component Group **1220** (VECU3) should show **2469431**
- Component Group **1268** (CSG2) should show **2434348**
- Component Group **1027** (DD) should show **2467667**

6. Disconnect DAVIE4 and battery charger.

## Links

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[25PBB FINAL US Customer Letter](#)

[25PBB FINAL US Customer Letter - Spanish](#)

[25PBB FINAL Canadian Customer Letter](#)

[25PBB FINAL Canadian Customer Letter - French](#)

[25PBB PB Chassis List - Bulletin](#)

## Revision History

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3/17/2025: Updated interim bulletin to final. Procedures and software are now available.