

25PBD: 220EV Battery Electric Vehicle (BEV) Dana Cradle Harness Connector

Number

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25PBD / NHTSA #: 25V182 / Transport Canada #: 2025-151

Supplier

Dana

Description

220EV Battery Electric Vehicle (BEV) Dana Cradle Harness Connector

Date

4/7/2025

What's New

Additional US chassis have been added, along with additional Canadian chassis under identical safety recall 26PACB.

Introduction

Safety Recall

Additional US chassis have been added, along with additional Canadian chassis under identical safety recall 26PACB.

Certain Peterbilt 220EV Battery Electric Vehicle (BEV) chassis equipped with certain DANA cradle harness configurations may experience intermittent loss of electrical continuity in one or more terminal pins of the C40

connector on the cradle harness. This may occur without warning and can result in a loss of propulsion, which may increase the risk of a crash.

Certified BEV technicians will perform an inspection of the C40 connector and replace the cradle harness, as necessary.

Situation

132 (119 US and 13 Canada) vehicle model year 2021-2026 Model 220 BEV chassis manufactured between 10/02/2020 and 05/07/2025 equipped with a Dana cradle harness

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 **25PBD** 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 **25PBD** campaign code prior to performing this repair.
4. Follow the procedures to inspect the C40 connector and replace the cradle harness, as necessary.

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

There is no time or mileage limit for this recall.

Peterbilt will pay for parts at dealer net plus applicable mark-up and labor:

 NOTE
Claims submitted without attachment of supplier communication email are subject to denial.

- **1.0 hours** of labor to inspect the C40 connector terminal pins per Dana C40 Connector Inspection (includes photos and the report for "Pass" inspections). Use Recommended Repair Code **25PBD1**.
- **12.5 hours** of labor to inspect the C40 connector terminal pins and replace the cradle harness (includes photos, report and cradle harness replacement for "Fail" inspections). Use Recommended Repair Code **25PBD2**.
- **Attach email of supplier communication that includes the photos and the report to the warranty claim.**
- File an additional claim for extraordinary circumstances. A recommended repair for standard labor must

be filed first.

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

Take-Off Parts Disposition: Return the failed harness to the supplier.

1. After installing the new cradle harness, the faulty harness must be returned to Dana following Dana's warranty return process.
2. Pack the faulty harness into the replacement harness shipping box.
3. Print then pack the completed "DANA Cradle Harness Connector C40 Inspection Report" form in the box

with the faulty harness.

4. Seal the box, then mark the outside of the box with the claim number and ship to:

Dana Incorporated
Commercial Vehicle Warranty Return Center
6515 Maumee Western
Maumee, OH 43537

PRWS CLAIM CODING			
Campaign Code:	25PBD	Campaign Type	Safety Recall
Claim Category:	Truck	Repair Type	Proactive
Customer Concern Code	062 - Loose/Not Properly Attached	Causal Code	23 - Poor Connection, Not Connected
Corrective Action Code	12 - Repair Recall/Campaign	Responsibility Code:	SUP-Supplier
Failure Location	046-002-001	Causal Part	CBL1775126

Supplier Code	23031EV	SRT Code	B25-15A 1.0 hours 25PBD Inspect C40 Connector Terminal Pins (includes photos and report) B25-15B 12.5 hours 25PBD Inspect and Remove/Replace Cradle Harness if C40 Connector Fails Inspection. Includes All Steps to Remove and Replace the Cradle Harness Following Bulletin Procedure. Includes Inspection (includes photos and report)
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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.



WARNING!

Battery Electric Vehicles (BEV) contain high voltage, and the following procedures must be performed by a PACCAR BEV **Level 1** technician. Failure to comply may result in death, injury, equipment damage, or property damage.

1. Inspect the C40 connector per the [Dana C40 Connector Inspection](#).

◦ **If PASS:**

- Complete the remainder of the **If Pass** section
- Complete the [Dana Cradle Harness Connector C40 Visual Inspection Report](#)
- **If FAIL:**
 - Complete the remainder of the **If Fail** section
 - Complete the [Dana Cradle Harness Removal and Installation](#)
 - Complete the [Dana Cradle Harness Connector C40 Visual Inspection Report](#)

Parts

Parts are only required when the cradle harness requires replacement. Inspect the cradle harness per the [DANA C40 Connector Inspection](#).

Part Number	Part Description	Quantity
CBL1775126	LV CRADLE HARNESS	1
FAS509201800	BARBED CABLE TIE-DOWNS	13
FAS509200900	ZIP TIE	15
FAS509201300	BUTTON HEAD TIE 105LB 9.6"L BLK	6

Links

[25PBD PB Chassis List - Bulletin](#)
[25PBD Final US Customer Letter](#)
[25PBD Final CA Customer Letter-English](#)
[Dana C40 Connector Inspection](#)
[Dana Cradle Harness Connector C40 Visual Inspection Report](#)
[Dana Cradle Harness Removal and Installation](#)

Revision History

07/02/2026: Additional chassis have been added to the US recall population.

12/22/2025: A photo of the two ring terminals and a caution statement have been added to the Dana Cradle Harness Removal and Installation Procedure.

08/18/2025: Interim bulletin has been updated to a final bulletin. Parts and procedures are now available. Interim SIR bulletin flagging in the PACCAR Registration and Warranty System has now been replaced with the campaign number. Refer to Bulletin [99-048](#) for details. The chassis affected population has increased.

6/26/2025: Situation section count was revised from 16 chassis to 106 chassis. The updated chassis list has been uploaded.

4/11/2025: Interim bulletin chassis are now flagged in the PACCAR Registration and Warranty System. Refer to Bulletin [99-048](#) for details.