

# 23PBD - Peterbilt 579 MLU Alternator Wire Chafing

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## Number

23PBD / 23V423 / 2023-343

## Description

Alternator Cable Chafing – Peterbilt 579 MLU With PACCAR MX-13 and PACCAR 160-amp Alternator.

## Date

6/27/2023

## What's New

On certain Model Year 2022 and 2023, 579 MLU trucks, built between 04/26/2021 and 07/29/2022, equipped with a PACCAR MX-13 engine and PACCAR 160-amp alternator, the alternator positive cable may chafe against the left-hand side, front spring bracket, top rearward fastener, if the fastener was installed with the head on the outside of the frame rail. Chafing of the alternator positive cable insulation may result in an increased risk of a fire.

## Introduction

The alternator positive cable may chafe against the left-hand side, front spring bracket, top rearward fastener, if the fastener was installed with the head on the outside of the frame rail.

Chafing of the alternator positive cable insulation may result in an increased risk of a fire.

## Situation

**5,425** (4,914 US and 511 CAN) MY 2022 and 2023, Model 579 MLU built between 04/26/2021 and 07/29/2022, with a PACCAR MX-13 engine and PACCAR 160-amp alternator.

## Resolution

### Campaign

- Review the attached chassis list for your dealer code and schedule your customer(s) for service if their chassis is on the list.
- Service all chassis affected that enter your dealership, even if the customer has no issue with the chassis.
- Use the attached procedure.
- Review SIR for “Complete” next to the “23PBD” campaign code prior to performing this repair.

## 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 safety recall.**

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

- **0.7 hours** labor to remove huck fastener from frame, replace with bolt, and inspect alternator wire for damage per repair procedures. Use Quick Claim Code **23PBDA**.
- **1.5 hours** labor to remove huck fastener from frame, replace with bolt, and inspect alternator wire for damage, and replace alternator wire per repair procedures. Use Quick Claim Code **23PBDB**.
- **1.6 hours** labor to remove huck fastener from frame, replace with bolt, inspect alternator wire for damage, R&R aero bumper for access to alternator

wire, and replace alternator wire per repair procedures. Use Quick Claim Code **23PBDC**.

- For extraordinary circumstances please use code **23PBD**, add from “Recommended Repairs”, and then select the gear icon to edit Parts/Labor/Misc.
- File the claim within 14 days in accordance with the Warranty Policy.

**Take-Off Parts Disposition:** Dispose of takeoff parts 30-days after claim is paid.

<b>PRWS CLAIM CODING</b>			
<b>Campaign Code:</b>	23PBD	<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>	49
<b>Corrective Action Code:</b>	12	<b>Responsibility Code:</b>	Camp
<b>Failure Location:</b>	032-001-042	<b>Causal Part:</b>	N92-6006-4AHBA0120
<b>Supplier Code:</b>	N/A	<b>SRT Code:</b>	<b>B23-PBD</b> <b>0.7 hours</b> Labor to remove huck fastener from frame and replace with bolt and inspect alternator wire for damage per

			repair procedure.  <b>ECA-006</b> <b>0.8 hours</b> Labor to replace alternator wire per repair procedure.  <b>014-114</b> <b>0.1 hours</b> Labor to remove and reinstall aero bumper for access – when equipped.
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## Procedure

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

The repair procedure can be found in the Links section.

## Parts

Quantity	Part Number	Description
<b>MUST BE ORDERED DSP</b>		
1	W34-1160-080	Bolt - Finished Hex, M16
1	W20-1028-016	Nut Hex Locking M16 Magni
1 (If Needed)	N92-6006-4AHBA0120	Cable - Battery (Pos) Assembly
As Needed	D2973-2367	Shield - Hose
<b>AVAILABLE FROM PACCAR PARTS</b>		
2	W34-1162-016	Washer Hard M16 Magni
<b>SOURCE LOCALLY</b>		
As Needed	Source Locally	Spray Paint
As Needed	Source Locally	Zip Tie Straps

## Links

[23PBD Repair Procedures](#)

[23PBD Chassis List](#)

[23PBD US Customer Letter](#)

[23PBD Canadian \(English\) Customer Letter](#)