

Safety Recall 23PBJ: 536, 537, 548, and 567 Delayed Trailer Brake Release

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Number

23PBJ / 23V661 / 2023-524

Supplier

Peterbilt

Description

536, 537, 548, and 567 Delayed Trailer Brake Release

Date

12/20/2023

What's New

Safety Recall

Certain 536, 537, 548, and 567 chassis built with 2.1m Medium Duty End of Frame Trailer Connections and Tractor Protection Valves may not meet the standard trailer brake release timing requirements by 0.5 seconds. A delay in the trailer brake release may create momentary instability to the trailer and increase the risk of a crash.

Introduction

536, 537, 548, and 567 chassis built with 2.1m Medium Duty End of Frame Trailer Connections and Tractor Protection Valves may not meet trailer brake release timing requirement of FMVSS 121. Trailer brake release timing may exceed the standard by 0.5 seconds. A delay in the trailer brake release may

create momentary instability to the trailer and increase the risk of a crash. Truck and trailer brake application timing is not affected, nor is brake performance affected.

Situation

141 chassis (139 US and 2 Canada) model year 2020-2024 536, 537, 548, and 567 chassis built from 7/31/2019 through 9/8/2023 with 2.1m Medium Duty End of Frame Trailer Connections and Tractor Protection Valves.

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 **23PBJ** 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 **23PBJ** Campaign code prior to performing this repair.
4. Follow the Repair Procedures linked in the “Procedure” section of this bulletin.

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:

Determine the chassis configuration by finding the chassis number of the vehicle you are repairing in the Chassis List attached in “Links” section.

- **1.2 hours** to complete repairs per **Configuration 1**. Use Recommended Repair **23PBJA**.
- **2 hours** to complete repairs per **Configuration 2**. Use Recommended Repair **23PBJB**.
- For repair of progressive damage directly related to this Safety Recall, file a separate long form claim. A Recommended Repair for standard labor

must be filed first.

- File the claim within 7 days in accordance with the Warranty Policy.

Take-Off Parts Disposition: Destroy take-off parts 30 days after claim is paid.

PRWS CLAIM CODING			
Campaign Code:	23PBJ	Campaign Type:	Safety Recall
Claim Category:	Truck	Repair Type:	Proactive
Customer Concern Code:	151	Causal Code:	30
Corrective Action Code:	12	Responsibility Code:	Camp
Failure Location:	013-010-016	Causal Part:	G90-1287-004
Supplier Code:	N/A	SRT Code:	<p>Determine the chassis configuration by finding the chassis number of the vehicle you are repairing in the attached Chassis List in "Links" section.</p> <ul style="list-style-type: none"> • B23-30A 1.2 Hours

			Configuration 1 • B23 30B 2.0 Hours Configuration 2
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Procedure

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

Repair procedures can be found in the link below.

[23PBJ Repair Procedure](#)

Parts

Parts are available from PACCAR Parts.

i NOTE
Air Tube length varies depending on chassis configuration. Please measure the required length needed to perform repair prior to beginning repairs.

Configuration 1 Parts List			
Quantity	PPD Part Number	Description	Source From
1	G38-1021-0608	FITTING-90 ELBOW MALE NPT	PACCAR Parts
1	G38-1023-0608	FITTING-STRAIGHT #6 MALE NPT TO #8 J2494	PACCAR Parts
As needed per	3270-0815-0100	TUBING-AIR BRAKE GREEN 1/2 OD 100FT	DSP (30 DAYS LEAD TIME)

chassis (40-55 ft)		OR EQUIVALENT	
15	CT05317	TIE-CABLE 50LB 15.5" BLK OR EQUIVALENT	PACCAR Parts
1	N/A	SUPER LUBE 0.4 FL. OZ. RUBBER LUBRICANT OR EQUIVALENT	LOCALLY SOURCED
1	N/A	LOCTITE 401 0.1 FL. OZ. OR EQUIVALENT	LOCALLY SOURCED
1	N/A	ELECTRICAL TAPE OR EQUIVALENT	LOCALLY SOURCED

Configuration 2 Parts List			
Quantity	PPD Part Number	Description	Source From
2	G38-1021-0608	FITTING-90 ELBOW MALE NPT	PACCAR Parts
1	AP2335	ADAPTER- PIPE STL PLUG SQH	PACCAR Parts
1	G38-1021-0808	FITTING- MALE 90DEG #8 NPT TO #8 J2494	PACCAR Parts
As needed per	3270-0813-0100	TUBING- AIRBRAKE ORANGE 1/2	DSP

chassis (40-55 ft)		OD 100 FT OR EQUIVALENT	
As needed per chassis (40-55 ft)	3270- 0816- 0100	TUBING- AIRBRAKE BLUE 1/2 OD 100 FT OR EQUIVALENT	DSP (23 DAYS LEAD TIME) / LOCALLY SOURCED
15	CT05317	TIE-CABLE 50LB 15.5" BLK OR EQUIVALENT	PACCAR Parts / LOCALLY SOURCED
2	N/A	SUPER LUBE 0.4 FL. OZ. RUBBER LUBRICANT OR EQUIVALENT	LOCALLY SOURCED
1	N/A	LOCTITE 401 0.1 FL. OZ. OR EQUIVALENT	LOCALLY SOURCED
1	N/A	ELECTRICAL TAPE OR EQUIVALENT	LOCALLY SOURCED

Links

[23PBJ Bulletin Chassis list](#)

[23PBJ Repair Procedure](#)

[23PBJ US Safety Recall Customer Letter](#)

[23PBJ CA Safety Recall Customer Letter](#)

[Traduction de 23PBJ Canada Customer Letter](#)