

25PBE – Hendrickson HMX Suspension Rear Brake Piping Interference

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Number

25PBE / NHTSA #: 25V353 / Transport Canada #: 2025-288

Supplier

PACCAR

Description

Hendrickson HMX Suspension Rear Brake Piping Interference

Date

7/3/2025

What's New

Safety Recall

Parts and repair procedures are now available.

Certain chassis may have a rear suspension tracking rod that interferes with the left rear brake valve components during full suspension travel. This interference could cause a loss of the rear service brake or ABS modulation for one rear axle wheel end, increasing the risk of a crash.

Safety Recall start date: 08/13/2025

Introduction

Certain chassis may have a rear suspension tracking rod that interferes with the left rear brake valve components during full suspension travel. This interference could cause a loss of the service brake or ABS modulation for one rear axle wheel end, increasing the risk of a crash.

All affected chassis will be inspected for damage to the left-hand rail brake valve components. If any damage is found, the left rear brake valve components will be replaced and both sides will be relocated. If no damage is found, the existing left rear brake valve components will be reused and both sides will be relocated.

Safety Recall start date: 08/13/2025

Situation

320 (315 US and 5 Canada) Vehicle Model Year 2024-2026 models 3 67, 548, 567, and 589 chassis built from

06/19/2023 through 04/10/2025 equipped with Hendrickson HMX suspensions.

Resolution

Safety Recall

Service all affected chassis 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. Order all parts and ensure parts have arrived before the truck comes in for service.
3. In Service Management, select Campaign 25PBE to add 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.
4. If you are not using Service Management to start repair orders, review SIR for "Complete" next to the 25PBE campaign code prior to performing this repair.
5. Follow the procedures to inspect and relocate or replace the rear brake components.

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 **08/13/2025**, there is no time or mileage limit for this recall.

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

All Recommended Repair codes below are editable. Please only add part numbers for specific brake hoses, bolts and nuts and/or the rear brake component if it was damaged. No additional labor time is required for replacing the rear brake component vs relocating the rear brake component.

- Repair photos are required. Claims submitted without these photos may be denied. Attach three repair photos showing the completed relocation of the rear brake modulators or bulkhead brackets:
 1. One of the left-hand frame rail modulator valve assembly or the bulkhead fitting bracket in the new location.
 2. One of the right-hand frame rail modulator valve assembly or the bulkhead fitting bracket in the new location.
 3. One of the end of the frame to clearly illustrate the new routing of the rear brake lines down to the rear brake chambers.

Clip-Manifold Support Welding Required

- 2.0 hours to inspect and relocate the rear brake components, welding the clip-manifold supports to the axle is required. Use Recommended Repair code 25PBEA.
 - If the rear brake component is not damaged, reuse it.
 - If the rear brake component is damaged, replace it.

Clip-Manifold Support Welding Not Required

- 1.8 hours to inspect and relocate the rear brake components, welding the clip-manifold support to the axle

is not required. Use Recommended Repair Code 25PBEB.

- If the rear brake component is not damaged, reuse it.
 - If the rear brake component is damaged, replace it.
- For supplemental repairs, file a long form claim and use code 25PBE in the Campaign Code field.
 - File the claim within 7 days in accordance with warranty policy.

Take-Off Parts Disposition: Parts may be scrapped 30 days after claim has been filed.

PRWS CLAIM CODING			
Campaign Code:	25PBE	Campaign Type:	Safety Recall
Claim Category:	Truck	Repair Type:	Proactive
Customer Concern Code:	149 - Leaks, Brake Valve	Causal Code:	09 - Insufficient Clearance
Corrective Action Code:	12 - Repair Recall/Campaign	Responsibility Code:	CAMP-Campaign
Failure Location:	013-011-071	Causal Part:	K056040
Supplier Code:	N/A	SRT Code:	<p>B25-21A</p> <p>2.0 Hours</p> <p>Bulletin 25PBE – Inspect and relocate or replace rear brake components per the bulletin procedure (welding required). Includes photos.</p> <p>B25-21B</p> <p>1.8 hours</p> <p>Bulletin 25PBE – Inspect and</p>

			relocate or replace rear brake components per the bulletin procedure (no welding required). Includes photos.
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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.

Please see the Links section below for procedures to inspect and relocate or replace the rear brake components.

Parts

The following parts are available through PACCAR Parts.

Refer to the attached procedures for the specific hoses, clamps and hardware required for the vehicle.

Part Number	Part Description	Quantity	Stock Location
22-01154-014PK	Clamp-Cushioned 3	3	PDC
08-01498	Clip-Manifold Support	4	PDC
W34-1160-050	Bolt-Finished Hex, M16	4	PDC
W20-1028-016	Nut Hex Locking M16 Magni	4	PDC
D8400-6566	Bolt-Hex 3/8-16NCX3/4 GR5 ZN/CLR IRI	4	DSP
D8400-6945	Nut-Retainer J Type 3/8-16	4	DSP
The following parts are built to order with a 14-day lead time.			
V50-1116-08011-045	Hose-Assy Wire Braid, SAE	2	DSP
V50-1116-06011-046	Hose-Assy Wire Braid, SAE	2	DSP
HE13351	#6 Airbrake Assembly	2	DSP
26-03425-043	Hose Assy-Air Brake #8X43" SAE FLRD C	2	DSP

The following parts can be sourced locally.

Part Number	Part Description	Quantity
Source Locally	Spray Paint (color matching)	1 can
Source Locally	Zip Ties	20

Links

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

[25PBE Final Customer Letter - US](#)

[25PBE PB Repair Procedure](#)

Revision History

08/13/2025: Interim bulletin has been converted into a final bulletin. Parts and repair procedures are now available.



A **PACCAR** COMPANY

Peterbilt Motors Company
Customer Experience
1700 Woodbrook St.
Denton, TX 76205
(940) 591-4000

Select the date.

IMPORTANT SAFETY RECALL

This notice applies to your vehicle. Your VIN(s) can be found at the bottom or back of this page.

Subject: 25PB E - Hendrickson HMX Suspension Rear Brake Piping Interference
NHTSA: 25V353
EXPIRATION DATE: NONE

Dear Peterbilt Customer,

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

Peterbilt Motors Company has decided a defect which relates to motor vehicle safety exists on certain Model Year 2024-2026 367, 548, 567, and 589 model vehicles manufactured from 06/19/2023 through 04/10/2025 with Hendrickson HMX suspensions. In certain chassis, the left-rear brake component could become damaged by contact with the suspension. This could lead to reduced braking or ABS modulation for one rear axle wheel end, which may increase the risk of a crash. The ABS dash lamp may illuminate before brake performance is affected.

What is the problem?	The left-rear brake component could become damaged by contact with the suspension.
What will your dealer do?	Your Peterbilt dealer will inspect and relocate your brake component.
What should you do?	Contact your dealer immediately to schedule an appointment.

Peterbilt has initiated this recall to remedy the issue at no charge to you. Please contact your Peterbilt dealer to schedule an appointment for these services. To find your Peterbilt dealer, please visit the "Find a Dealer" link at www.Peterbilt.com or scan the QR code. When contacting your Peterbilt dealer, reference the Safety Recall number, NHTSA Recall Number, and VIN(s) listed in this letter. This repair may take up to **2 hours** of labor depending on dealer scheduling.

If you had this repair performed before receiving this letter, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy for the problem associated with this recall. Receipts for parts and/or labor are required for consideration of reimbursement. Contact your local Peterbilt dealership for details.

If you require further information about this recall or experience any difficulty in making arrangements for this repair, please contact the Peterbilt Customer Experience Department at PB.Tech.Pubs.Dept@paccar.com.

If you conclude that Peterbilt has not enabled you to remedy this defect in a reasonable time and without charge, you may submit a complaint to: Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, S.E., Washington, DC 20590, or call the toll free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

Federal regulation requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days. If you no longer own this vehicle, we would appreciate your advising us of the new owner. Please send all known ownership and address changes to PBDiv.Warranty.Docs@paccar.com.

We apologize for any inconvenience this procedure may cause and thank you for your participation in helping Peterbilt provide the highest levels of customer satisfaction and service expertise. We value your business and appreciate your ongoing loyalty to Peterbilt and its dealer network. Industry-leading quality, performance and reliability are hallmarks of Peterbilt products, and we thank you for making Peterbilt your truck of choice.

Sincerely,
Peterbilt Customer Experience

Scan this QR code to open the
Peterbilt Dealer Locator.



Select the date.

IMPORTANT SAFETY RECALL

This notice applies to your vehicle. Your VIN(s) can be found on the bottom or back of this page.

Subject: 25PBE - Hendrickson HMX Suspension Rear Brake Piping Interference
Transport Canada Recall: 2025-288
EXPIRATION DATE: NONE

Dear Peterbilt Customer,

This notice is sent to you in accordance with the requirements of the Motor Vehicle Safety Act. This is to inform you that your vehicle may contain a defect that could affect the safety of a person.

Peterbilt Motors Company has decided a defect which relates to motor vehicle safety exists on certain Model Year 2024-2026 367, 548, 567, and 589 model vehicles manufactured from 06/19/2023 through 04/10/2025 with Hendrickson HMX suspensions. In certain chassis, the left-rear brake component could become damaged by contact with the suspension. This could lead to reduced braking or ABS modulation for one rear axle wheel end, which may increase the risk of a crash. The ABS dash lamp may illuminate before brake performance is affected.

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If you had this repair performed before receiving this letter, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy for the problem associated with this recall. Receipts for parts and/or labor are required for consideration of reimbursement. Contact your local Peterbilt dealership for details.

If you require further information about this recall or experience any difficulty in making arrangements for this repair, please contact the Peterbilt Customer Experience Department at PB.Tech.Pubs.Dept@paccar.com.

For additional information about the recall, you can contact Transport Canada at 1-800-333-0510.

Federal regulation requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days. If you no longer own this vehicle, we would appreciate your advising us of the new owner. Please send all known ownership and address changes to PBDiv.Warranty.Docs@paccar.com.

We apologize for any inconvenience this procedure may cause and thank you for your participation in helping Peterbilt provide the highest levels of customer satisfaction and service expertise. We value your business and appreciate your ongoing loyalty to Peterbilt and its dealer network. Industry-leading quality, performance and reliability are hallmarks of Peterbilt products, and we thank you for making Peterbilt your truck of choice.

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