

# 25PBE – Hendrickson HMX Suspension Rear Brake Piping Interference

 [Edit](#)  [Clone](#)

## 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><b>B25-21A</b></p> <p><b>2.0 Hours</b></p> <p>Bulletin 25PBE – Inspect and relocate or replace rear brake components per the bulletin procedure (welding required). Includes photos.</p> <p><b>B25-21B</b></p> <p><b>1.8 hours</b></p> <p>Bulletin 25PBE – Inspect and</p>

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

## 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
<b>The following parts are built to order with a 14-day lead time.</b>			
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.