

26PACA: Right-Hand Steering Cross Shaft Misaligned

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Number

26PACA / NHTSA: 26V022 / Transport Canada: 2026-014

Supplier

PACCAR

Description

Right-Hand (RH) Steering Cross Shaft Misaligned

Date

2/27/2026

What's New

Updated cross shaft and bearing installation steps have been added to the repair procedures.

Introduction

Certain Peterbilt Model 520 / 520 BEV chassis may have Right-Hand (RH) steering cross shaft bearing mounting holes that are misaligned, resulting in increased stress on the steering cross shaft on the Right-

Hand Stand-Up (RHSU) controls configuration. Failure of the RH steering cross shaft could result in the loss of RH steering control which may increase the risk of a crash.

Situation

241 (217 US and 24 Canada) vehicle model year 2024-2026 Model 520 / 520 BEV manufactured between 10/09/2023 and 08/06/2025 equipped with RHSU steering controls configuration

Resolution

Vehicles will be inspected for steering cross shaft misalignment. Repairs or adjustments will be made if necessary to realign the steering shaft bearings.

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 **02/27/2026**, Peterbilt will pay for parts at dealer net plus applicable mark-up and labor:

For repairs completed on or before 05/19/2026:

- **4.0 hours** to inspect and realign steering cross shaft bearings – **no parts damaged or replaced.** Select Recommended Repair Code **26PACAA**.
- **4.0 hours** to inspect and realign steering cross shaft bearings – **replace damaged shaft parts as necessary during reassembly.** Select editable Recommended Repair Code **26PACAB**.
- Edit the claim with applicable parts and labor used during repair.
- For vehicles that require fiberglass filling and redrilling, include pictures of holes misaligned with the fixtures, and a copy of the sublet invoice on the claim. Sublet labor should be entered in the Miscellaneous Labor section of the 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.

For repairs completed on or after 05/20/2026:

- **4.2 hours** to inspect and realign the steering cross shaft bearings – **no parts damaged or replaced and pre-load was not detected after realignment.** Select Recommended Repair Code **26PACAC**.
- **5.3 hours** to inspect and realign the steering cross shaft bearings – **no parts damaged or replaced, but pre-load was detected after realignment.** Select Recommended Repair Code **26PACAD**.
- **4.0 hours** to inspect and realign steering cross shaft bearings – **replace damaged shaft parts as**

necessary during reassembly. Select editable Recommended Repair Code **26PACAE**.


- Edit the claim with applicable parts and labor used during repair.
 - If preload **was not** detected, use SRT code **B26-14B** for the main repair.
 - If preload **was** detected, use SRT code **B26-14C** for the main repair.
- For vehicles that require fiberglass filling and redrilling, include pictures of holes misaligned with the fixtures, and a copy of the sublet invoice on the claim. Sublet labor should be entered in the Miscellaneous Labor section of the 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: Destroy 30 days after claim is paid.

PRWS CLAIM CODING			
Campaign Code:	26PACA	Campaign Type:	Safety Recall
Claim Category:	Truck	Repair Type:	Proactive
Customer Concern Code:	004	Causal Code:	62
Corrective Action Code:	12	Responsibility Code:	Camp
Failure Location:	015-003-123	Causal Part:	J05-6027
Supplier Code:	N/A	SRT Code:	<p>For repairs on or before 05/19/2026:</p> <p>B26-14A 4.0 HRS 26PACA: Inspect and realign steering cross shaft bearings – no parts damaged or replaced</p>

			<p>per bulletin procedure</p> <p>For repairs on or after 05/20/2026:</p> <p>B26-14B 4.2 HRS Bulletin 26PACA: Inspect and realign steering cross shaft bearings – Preload not detected</p> <p>B26-14C 5.3 HRS Bulletin 26PACA: Inspect and realign steering cross shaft bearings – Preload detected</p>
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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.

Please see the Links section below for procedures on RH steering cross shaft bearing inspection,

adjustment or repairs as necessary.

NOTE

This procedure requires using a set of drilling fixtures (2 fixtures). These fixtures will be shipped to affected dealers.

If your dealer group has not received the fixture set, or if you require a replacement set, contact your dealer's Field Service representative.

Parts

Quantity	Part Number	Description
As Needed	J05-6027	Shaft (Center shaft)
As Needed	J19-6056	LH Steering Column
As Needed	J19-6025	RH steering column gearbox
As Needed	J05-6029	LH U-Joint shaft
As Needed	J05-6030	RH U-Joint shaft
1	Locally Sourced	Loctite 243 0.5ml or equivalent
Up to ¼ Tube	Locally Sourced	Permatex RTV Sealant or equivalent

Links

[26PACA: Right-Hand \(RH\) Steering Cross Shaft Misaligned - PB Chassis List](#)

[26PACA: Right-Hand \(RH\) Steering Cross Shaft Misaligned - PB US Customer Letter](#)

[26PACA: Right-Hand \(RH\) Steering Cross Shaft Misaligned - PB Canada English Customer Letter](#)

[26PACA: Right-Hand \(RH\) Steering Cross Shaft Misaligned - PB Canada French Customer Letter](#)

[26PACA: Right-Hand \(RH\) Steering Cross Shaft Misaligned - Repair Procedures](#)

Revision History

05/20/2026: Updated cross shaft and bearing installation steps have been added to the repair procedures.