

26PACA: Right-Hand (RH) 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

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.

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:

- **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.

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:	B26-14A 4.0 HRS 26PACA: Inspect and realign steering cross shaft bearings – no parts damaged or replaced per bulletin procedure

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, 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

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 - Repair Procedures](#)

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

Supplier

PACCAR

Description

Right-Hand (RH) Steering Cross Shaft Misaligned

Date

2/27/2026

What's New

Certain Kenworth L770 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.

Introduction

Certain Kenworth L770 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

2 US vehicle model year 2025 L770 manufactured between 11/25/2024 and 12/11/2024 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**, Kenworth will pay for parts at dealer net plus applicable mark-up and labor:

- **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.

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:	B26-14A 4.0 HRS 26PACA: Inspect and realign steering cross shaft bearings – no parts damaged or replaced per bulletin procedure

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, 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.

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Parts

Quantity	Part Number	Description
As Needed	J05-6027	Shaft (Center shaft)
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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

Links

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

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



A PACCAR COMPANY

Kenworth Truck Company
Customer Service Department
C/O PACCAR Parts
750 Houser Way North
Renton, WA 98057
(425) 828-5888

[Date]

Subject: 26PACA: Right-Hand (RH) Steering Cross Shaft Misaligned

NHTSA: 26V022

Expiration Date: None



IMPORTANT SAFETY RECALL

This notice applies to your vehicle(s) with VIN(s) listed at the bottom or back of this page.

Dear Kenworth Customer:

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

Kenworth Truck Company has decided that a defect which relates to motor vehicle safety exists in certain model year 2025 L770 vehicles manufactured between 11/25/2024 and 12/11/2024 with right-hand stand-up steering configuration.

What is the problem?

The Right-Hand (RH) steering cross shaft bearing mounting holes may be misaligned, resulting in increased stress on the steering cross shaft for the Right-Hand Stand-Up (RHSU) controls. Failure of the RH steering cross shaft may result in the loss of RH steering control which may increase the risk of a crash.

What will your dealer do?

Dealers will inspect for steering cross shaft misalignment. Repairs and/or adjustments will be made as necessary to realign the steering shaft bearings, free of charge.

What should you do?

Contact your dealer immediately to schedule a repair. This repair may require up to 4.0 hours of labor.

To locate your nearest Kenworth dealer, please scan the QR code at the top of this letter or use Dealer Locator at www.Kenworth.com. When scheduling this repair, please refer to recall 26PACA: Right-Hand (RH) Steering Cross Shaft Misaligned and the VIN(s) listed in this letter. You may be eligible for reimbursement if you performed this repair before receiving notification of the recall. For more information, please e-mail servicebulletins@PACCAR.com.

If you believe this remedy was not available to you within a reasonable amount of time and free of charge, you may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, S.E., Washington, DC 20590; call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or visit <http://www.safercar.gov>.



A **PACCAR** COMPANY

Kenworth Truck Company
Customer Service Department
C/O PACCAR Parts
750 Houser Way North
Renton, WA 98057
(425) 828-5888

If you are the lessor of this vehicle, federal regulations require you to forward a copy of this notice to the lessee within ten days. If you no longer own this vehicle, please email the last 8 digits of the VIN and the new owner's name and address to servicebulletins@paccar.com.

We appreciate your attention to this matter and value your loyalty to Kenworth and its dealer network.

Sincerely,

Kenworth Customer Service



Peterbilt Motors Company
Customer Service Department
C/O PACCAR Parts
750 Houser Way North
Renton, WA 98057
(425) 828-5888

[Date]
Subject: 26PACA: Right-Hand (RH) Steering Cross Shaft Misaligned
NHTSA: 26V022
Expiration Date: None



IMPORTANT SAFETY RECALL

This notice applies to your vehicle(s) with VIN(s) listed at the bottom or back of this page.

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 that a defect which relates to motor vehicle safety exists in certain model year 2025 Model 520 and 520 BEV chassis manufactured between 10/09/2023 and 08/06/2025 with right-hand stand-up steering configuration.

What is the problem?	The Right-Hand (RH) steering cross shaft bearing mounting holes may be misaligned, resulting in increased stress on the steering cross shaft for the Right-Hand Stand-Up (RHSU) controls. Failure of the RH steering cross shaft may result in the loss of RH steering control which may increase the risk of a crash.
What will your dealer do?	Dealers will inspect for steering cross shaft misalignment. Repairs and/or adjustments will be made as necessary to realign the steering shaft bearings, free of charge.
What should you do?	Contact your dealer immediately to schedule a repair. This repair may require up to 4 hours of labor.

To locate your nearest Peterbilt dealer, please scan the QR code at the top of this letter or use Find a Dealer at www.Peterbilt.com. When scheduling this repair, please refer to recall 26PACA: Right-Hand (RH) Steering Cross Shaft Misaligned and the VIN(s) listed in this letter. You may be eligible for reimbursement if you performed this repair before receiving notification of the recall. For more information, please e-mail servicebulletins@PACCAR.com.

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We appreciate your attention to this matter and value your loyalty to Peterbilt and its dealer network.

Sincerely,

Peterbilt Customer Service



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[Date]

Subject: 26PACA: Right-Hand (RH) Steering Cross Shaft Misaligned

Transport Canada Recall: 2026-014

Expiration Date: None



IMPORTANT SAFETY RECALL

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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 that a defect which relates to motor vehicle safety exists in certain model year 2025 Model 520 and 520 BEV chassis manufactured between 10/09/2023 and 08/06/2025 with right-hand stand-up steering configuration.

What is the problem?

The Right-Hand (RH) steering cross shaft bearing mounting holes may be misaligned, resulting in increased stress on the steering cross shaft for the Right-Hand Stand-Up (RHSU) controls. Failure of the RH steering cross shaft may result in the loss of RH steering control which may increase the risk of a crash.

What will your dealer do?

Dealers will inspect for steering cross shaft misalignment. Repairs and/or adjustments will be made as necessary to realign the steering shaft bearings, free of charge.

What should you do?

Contact your dealer immediately to schedule a repair. This repair may require up to 4 hours of labor.

To locate your nearest Peterbilt dealer, please scan the QR code at the top of this letter or use Find a Dealer at www.Peterbilt.com. When scheduling this repair, please refer to recall 26PACA: Right-Hand (RH) Steering Cross Shaft Misaligned and the VIN(s) listed in this letter. You may be eligible for reimbursement if you performed this repair before receiving notification of the recall. For more information, please e-mail servicebulletins@PACCAR.com.

If you require further information about this recall or experience any difficulty in making arrangements for this repair, please contact Peterbilt Customer Service at servicebulletins@paccar.com and include the bulletin number in the subject line.



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