

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**

**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](#)