

# 23PBG: Safety Bulletin - Dana Driveline Weld

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## Number

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23PBG / 23V616 / 2023-496

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## Supplier

Dana

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## Description

Safety Recall - Dana Driveline Weld

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## Date

9/22/2023

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## What's New

### Safety Recall

On certain Peterbilt model 220 chassis equipped with Dana SPL100 drivelines, the driveline tube seam weld may separate or tear under certain stress loads, resulting in driveline separation and sudden loss of drive power. A sudden loss of drive power may increase the risk of a crash.

**Parts and repair procedures are now available to correct this issue.**

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## Introduction

On certain Peterbilt model 220 chassis the driveline tube seam weld may separate or tear under certain stress loads, resulting in driveline separation and sudden loss of drive power. A sudden loss of drive power may increase the risk of a crash.

There will be no noticeable signs/indications preceding the described failure.

Reference Dana recall **23E052** for more information.

## Situation

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**22** (18 U.S., 4 Canada) Model year 2023, Peterbilt model 220 chassis built from 08/29/22 through 10/07/22 equipped with Dana SPL100 drivelines with certain driveline serial numbers.

## Resolution

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### Safety Recall

Service all chassis affected 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. In Service Management, select campaign **23PBG** to add it 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.
3. If you are not using Service Management to start repair orders, review SIR for "Complete" next to the **23PBG** campaign code prior to performing this

repair.

4. Follow the repair procedures attached in the Links section.

## Federal Law

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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

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There is no time or mileage limit for this safety recall.

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

- Reference the attached [Parts List by Chassis](#) document and use the Quick Claim Code listed for the chassis you're working on.
  - Please note that cost of paint has been accounted for in the quick claim.
  - The paint reimbursement cost is estimated based on 2 - 12oz cans of black spray paint per driveshaft.
  - If the driveshaft(s) require(s) a custom paint color, use code **23PBG** and attach an invoice for the cost of the paint to the claim.
- For extraordinary circumstances please use code **23PBG**, add from "Recommended Repairs", and then select the gear icon to edit Parts/Labor/Misc.
- File the claim within 7 days in accordance with warranty policy.
- Peterbilt dealers may perform 23PBG repairs on Kenworth chassis, but Quick Claims do not apply. For Kenworth chassis repairs, file a long-form

claim and use the claim codes below.

**Take-Off Parts Disposition:** Destroy take-off parts so that they cannot be reused or put back into service, as soon as possible.

| PRWS CLAIM CODING              |             |                             |   |
|--------------------------------|-------------|-----------------------------|---|
| <b>Campaign Code:</b>          | 23PBG       | <b>Campaign Type:</b>       | Safety Recall   |
| <b>Claim Category:</b>         | Truck       | <b>Repair Type:</b>         | Proactive   |
| <b>Customer Concern Code:</b>  | 029         | <b>Causal Code:</b>         | 62  |
| <b>Corrective Action Code:</b> | 12          | <b>Responsibility Code:</b> | SUPP  |
| <b>Failure Location:</b>       | 024-002-043 | <b>Causal Part:</b>         | 90-70-28X   |
| <b>Supplier Code:</b>          | 05036AJ     | <b>SRT Code:</b>            | <p><b>024-111</b><br/> <b>0.5 hours</b><br/>                     Medium duty driveshaft. Slip yoke to rear axle.</p> <p><b>024-113</b><br/> <b>0.7 hours</b><br/>                     Medium duty driveshaft. Transmission or intermediate driveshaft and carrier bearing, without slip</p> |

|  |  |  |   |
|--|--|--|---|
|  |  |  | yoke. Does not include disassembly of the driveshaft. |
|--|--|--|---|

|  |  |  |   |
|--|--|--|---|
|  |  |  | <b>053-073</b><br><b>1.1 hours</b><br>Driveshaft - refinish (complete) (time is per driveshaft) |
|--|--|--|---|

## Procedure

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Please follow your dealership's safety procedures and precautions to ensure the vehicle can be safely repaired and maintained.

- You must reference the [Parts List by Chassis](#) document in the Links section prior to starting repairs.
- Please note that, in most cases, not all driveshafts on a given chassis will require replacement.
- **ONLY** replace the driveshafts listed for the specific chassis in the Parts List by Chassis document!
- Please see attachment in Links section below for driveshaft R&R procedures.

## Parts

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### **NOTE**

You must reference the “Parts List by Chassis” document in the Links section prior to starting repairs or ordering parts.

Please note that, in most cases, not all driveshafts on a given chassis will require replacement.

**ONLY** replace the driveshafts listed for the specific chassis in the “Parts List by Chassis” document!

**The following parts are available through PACCAR Parts Direct Ship Program:**

**NOTE**

Due to the low volume needed for this Safety Recall, all driveshafts must be ordered through the Direct Ship Program (DSP) using order types XS (Stock) or XE (Emergency) on PartsOnline.

| Part Number       | Part Description      | Quantity   |
|-------------------|-----------------------|------------|
| 100CS54001-560M   | DRIVESHAFT            | *AS NEEDED |
| 100CS54001-690M   | COUPLING SHAFT        | *AS NEEDED |
| 100CS54001-795M   | COUPLING SHAFT        | *AS NEEDED |
| 100CS54001G-1075M | DRIVESHAFT XS (STEEL) | *AS NEEDED |
| 100CS54004-1080M  | PNG - DANA DRIVESHAFT | *AS NEEDED |
| 100CS54004-895M   | COUPLING SHAFT        | *AS NEEDED |
| 100CS54004-935M   | PNG - DANA DRIVESHAFT | *AS NEEDED |
| 100CS54004-970M   | DRIVESHAFT            | *AS NEEDED |
| 100DS55002-800M   | PNG - DANA DRIVESHAFT | *AS NEEDED |
| 100DS55006-420M   | DRIVESHAFT            | *AS NEEDED |
| 100DS55006-480M   | DRIVESHAFT            | *AS NEEDED |

|                  |                       |            |
|------------------|-----------------------|------------|
| 100DS55007-1100M | PNG - DANA DRIVESHAFT | *AS NEEDED |
| 100DS55007-880M  | DRIVESHAFT ASSY.      | *AS NEEDED |
| 100DS55007-976M  | DRIVESHAFT            | *AS NEEDED |

The following part is available through PACCAR Parts.

| Part Number | Part Description  | Quantity   |
|-------------|-------------------|------------|
| 90-70-28X   | KIT-STRAP-453 PDC | *AS NEEDED |

The following part must be sourced locally.

| Part Number     | Part Description                                   | Quantity         |
|-----------------|--|------------------|
| Locally Sourced | 12oz Spray Paint (black or matching chassis color) | 2 Per Driveshaft |

## Links

[23PBG Chassis List](#)

[23PBG Parts List By Chassis](#)

[23PBG Repair Procedure](#)

[23PBG FINAL US Customer Letter](#)

[23PBG FINAL Canada \(English\) Customer Letter](#)

[23PBG FINAL Canada \(French\) Customer Letter](#)



## Revision History

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**11/08/2023** - Bulletin has been changed from an interim notification to a final bulletin. Parts and repair procedures are now available to correct the issue.