



Federal Recall Information

20PBF

Supplier

Peterbilt

Description

Model 520 Stability Control Brake Relay Hose Misconnected - NHTSA: 20V739

Release Date

12/2/2020

Introduction

Peterbilt has decided that a condition affecting vehicle stability may exist in certain Model 520 vehicles built from 9/26/2019 through 7/22/2020 with stability control and a spring brake modulator valve (SBM) or lift axle. A stability control event meant to only actuate the ABS controlled wheel ends could actuate lift axle brakes or modulate park brake chambers and could possibly de-stabilize the vehicle, increasing the risk of a crash.

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. If you are not using Service Management to start repair orders, review SIR for "Complete" or "In Process" next to the "20PBF" campaign code prior to performing this repair.
 3. Follow the procedures below inspect the valves and repair if necessary.
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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

There is no time or mileage limit for this recall. Peterbilt will pay for parts at dealer net plus applicable mark up and labor:

If filing in PRWS:

- ☐ 0.4 hours to **inspect and repair** a relay valve. Use recommended repair 20PBF.
 - ☐ Includes inspecting the valve, adding necessary fittings and rerouting the hoses.
 - ☐ Claim once for each relay valve that is inspected and repaired.
 - ☐ Cannot be claimed with SRT 013-131.
- ☐ 0.3 hours to **only inspect** the relay valve(s). Use recommended repair 20PBF1.

- Includes inspection of multiple valves.
- To be used when no repair is necessary.
- Cannot be claimed with SRT 013-130.

PRWS CLAIM CODING			
Campaign Code:	20PBF	Campaign Type:	Safety Recall
Claim Category:	Truck	Repair Type:	Proactive
Customer Concern Code:	029	Causal Code:	A1
Failure Location:	015-012-011	Causal Part:	K070684
Corrective Action Code:	12	SRT Code:	SRT 013-131 0.4 hours to inspect and repair a relay valve. Includes inspecting the valve, adding necessary fittings and rerouting hoses. Claim once for each relay valve that is inspected and repaired. Cannot be claimed with 013-130. SRT 013-130 0.3 hours to only inspect the relay valve(s). Includes inspection of multiple valves. To be used when no repair is necessary. Cannot be claimed with 013-131.

If filing using DWC:

- 0.4 hours to **inspect and repair** a relay valve. File a long form claim and reference 20PBF.
 - Includes inspecting the valve, adding necessary fittings and rerouting the hoses.
 - Claim once for each relay valve that is inspected and repaired.
 - Cannot be claimed with SRT 013-131.
- 0.3 hours to **only inspect** the relay valve(s). File a long form claim and reference 20PBF.
 - Includes inspection of multiple valves.
 - To be used when no repair is necessary.
 - Cannot be claimed with SRT 013-130.

DWC CLAIM CODING			
Failure Location:	015-012-011	Work Accomplished:	
Failure Type:	705	Responsibility Code:	09
SRT Code:	SRT 013-131 0.4 hours to inspect and repair a relay valve. Includes inspecting the valve, adding necessary fittings and rerouting hoses. Claim once for each relay valve that is inspected and repaired. Cannot be claimed with 013-130. SRT 013-130 0.3 hours to only inspect the relay valve(s). Includes inspection of	Claim Type:	C

	multiple valves. To be used when no repair is necessary. Cannot be claimed with 013- 131.		
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Take off parts disposition: Destroy parts 30 days after the claim has been paid.

Parts

Parts are available from PACCAR parts.

Quantity	Part Number	Description
1 per relay*	AP2022	Adapter Tee
1 per relay*	KV2H11-35S	Male Connector
1 per relay*	AP2348	Plug
As Needed	Source Locally	Thread Sealant
*Refer to the attached Chassis List to determine how many valves need to be inspected and, if necessary, repaired.		

Procedure

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

1. Refer to the image below that shows a correctly plumbed relay valve.
2. Inspect the truck to see if the relay valve(s) are plumbed correctly. If plumbed correctly, no further action is required.
3. If the relay valve(s) are not plumbed correctly, refer to the Repair Procedure in the Attachment section to correct the plumbing.



Attachments

[Chassis List](#)
[Customer Letter](#)
[Repair Procedure](#)

Revisions

01/20/2021 - The bulletin has been updated with the repair procedure and the chassis list. The description of the issue and the introduction have been updated to match the NHTSA approved language.

Authored by: PR

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