

21PBE - TSE Brake Chamber Air Leak

6/30/2021

Number

21PBE

Supplier

Meritor

Description

Safety Recall – TSE Brake Chamber Air Leak – NHTSA ID: 21V328

Date

6/30/2021

What's New

Safety Recall – TSE Brake Chamber Air Leak – NHTSA ID: 21V328. Meritor brake chambers were built with a misaligned park spring, which may cause a fatigue hole in the diaphragm and an internal air leak. The affected brake chambers will be replaced.

Introduction

Meritor has decided that a defect which relates to motor vehicle safety exists in certain model 579 and 348 vehicles manufactured from 03/11/2020 through 07/13/2020 with Meritor rear disc brakes.

Certain TSE brake chambers were built with a misaligned park spring, which may cause a fatigue hole in the diaphragm and an internal air leak. The leak could drain the air system pressure, causing brake drag and setting the parking brakes, increasing the risk of a crash.

Resolution

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 "21PBE" campaign code prior to performing this repair.
3. Follow the procedures below to replace the rear brake chambers.

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

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

- 1.2 hours labor to R&R four rear brake chambers. Use Quick Claim Code 21PBE.

- File an additional claim for extraordinary circumstances. A quick claim for standard labor must be filed first.
- File the claim within 14 days of the repair in accordance with Warranty Policy.
- Direct Fleets and Dealer Sponsored Fleets (DSF) may not use quick claims when submitting for repairs on chassis related to this bulletin but must submit a long form specifying part numbers, quantities, and pricing for parts used in the repair. Submittal of a Quick Claim for repairs made by the Fleet will be denied as pricing is incorrect on quick claims.

Take-Off Parts Disposition: Destroy the take-off parts 30 days after the claim has been paid.

PRWS CLAIM CODING			
Campaign Code	21PBE	Campaign Type	Safety Recall
Claim Category	Truck	Repair Type	Proactive
Customer Concern Code	197	Causal Code	22
Corrective Action Code	03	Responsibility Code	Supp
Failure Location	013-010-034	Causal Part	D33376T20
Supplier Code	17114MA	SRT Code	013-023: 0.3 hrs - R&R Air Disc Brake Air Chamber (one)

CLAIM CODING			
Failure Location:	013-010-034	Work Accomplished:	69
Failure Type:	705	Responsibility Code:	09
SRT Code:	013-023: 0.3 hrs - R&R Air Disc Brake Air Chamber (one)	Claim Type:	C

Procedure

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



WARNING!

Prior to the removal of any air system component, always block and hold the vehicle by a secure means other than the vehicle's own brakes. Depleting air system pressure may cause the vehicle to roll. Keep hands away from chamber push rods and slack adjusters; they will apply as air system pressure drops in the spring brake chambers.

Removal

1. Block wheels.
2. Cage spring brakes.
3. Relieve air system pressure.
4. Identify and remove air lines.
5. Unbolt spring brake chamber from caliper and remove.

Installation

1. Bolt spring brake chamber to caliper and tighten to 100-150 Lb. ft. (136-204 N.m.)
2. Reinstall air lines.
3. Uncage spring brake.
4. Test brake function.

Parts

Parts are available from PACCAR Parts.

Quantity	Part Number	Description
4	D33376T20	Air Disc Rear Brake Chamber

Links

[Chassis List](#)

[Customer Letter](#)

Authored by PR