

Part 573 Safety Recall Report

16E-045

Manufacturer Name : Bendix Commercial Vehicle Systems LLC

Submission Date : JUN 06, 2016

NHTSA Recall No. : 16E-045

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Bendix Commercial Vehicle Systems LLC
Address : 901 Cleveland Street
 Elyria OH 44035
Company phone : 440-329-9000

Population :

Number of potentially involved : 194,410
Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : Bendix

Model : SR-5 Trailer Spring Brake Valve

Part No. : Multiple Part Number

Size : NR

Function : Spring Brake Va

Descriptive Information : The Bendix® SR-5™ valve is a reservoir-mounted trailer valve that can control up to four spring brake actuators during parking or emergency applications.

Production Dates : JAN 01, 2004 - MAR 04, 2016

Description of Defect :

Description of the Defect : SR-5 Trailer spring brake valve bodies were machined without a radius on an internal check valve seat.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Under certain conditions, primarily off-highway or in trailer yards, there can be a delay in the application of the spring brakes to park the trailer after the operator pulls the dash valve button. This slow to park condition may lead to trailer roll away after decoupling from the tractor.

Description of the Cause : During transition to a new valve body supplier, a check valve seat radius dimension was inadvertently omitted from a revised drawing.

Identification of Any Warning that can Occur : While the trailer slow to park event can happen without warning, a trailer experiencing the condition will have an audible air leak from the dash mounted park control valve or red glad hand when it is disconnected, prior to tractor decoupling. This leakage will continue until the trailer reservoirs and spring brake chambers are depleted of air pressure.

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

- 2/12/2016 Bendix notified that a customer's trailer park brake was slow to apply
- 2/29/2016 Bendix confirms two (2) trailers with slow to apply condition
- 2/29/2016 Bendix investigation of slow park condition begins
- 3/4/2016 Valve body discovered without a radius on an internal check valve seat
- 3/5/2016 Bendix initiates a material change request to add radius to check valve seat
- 3/23/2016 Bendix begins a large sample, high cycle count testing regimen to duplicate field failures
- 3/31/2016 Bendix interviews a customer who informs team that when tractor parking system was not engaged, tractor trailer combo, which was sitting on a slight slope grading, moved without warning
- 4/21/2016 Bendix confirms when the radius is present the slow park condition does not occur
- 4/29/2016 Vehicle testing complete
- 5/3/2016 Bendix determines a recall is warranted

Description of Remedy :

Description of Remedy Program :	As of the date of this report, the details of the remedy program are still being developed. When these details are finalized, this report will be updated with this information.
How Remedy Component Differs from Recalled Component :	As of the date of this report, the details of the remedy program are still being developed. When these details are finalized, this report will be updated with this information.
Identify How/When Recall Condition was Corrected in Production :	Bendix began machining the check valve seat radius in valve bodies at its manufacturing facility on 3/5/2015.

Recall Schedule :

Description of Recall Schedule : • Bendix plans to send an Interim Notification to its OE and AM purchasers beginning June 10, 2016 and ending June 17, 2016. As of the date of this update (6/6/2016) the details of the remedy program are still being developed. When these details are finalized, this report will be updated with the schedule.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

* NR - Not Reported