

Part 573 Safety Recall Report

21E-015

Manufacturer Name : Bendix Commercial Vehicle Systems, LLC

Submission Date : MAR 25, 2021

NHTSA Recall No. : 21E-015

Manufacturer Recall No. : NR



Manufacturer Information :

Population :

Manufacturer Name : Bendix Commercial Vehicle Systems, LLC

Number of potentially involved : 2,090

Address : 901 Cleveland Street

Estimated percentage with defect : 100 %

Elyria OH 44035

Company phone : 440-329-9000

Equipment Information :

Brand / Trade 1 : Bendix

Model : SC-3

Part No. : K094964

Size : NR

Function : Check Valve

Descriptive Information : All SC-3 Check Valves manufactured between 7/27/2020 and 9/29/2020 are subject to this recall. The recalled SC-3 single check valves may not have the retainer fully seated in the retainer groove. The SC-3 check valves that are not subject to this recall have the retainer fully seated in the retainer groove.

Production Dates : JUL 27, 2020 - SEP 29, 2020

Description of Defect :

Description of the Defect : A retainer was not properly seated during assembly of the SC-3 Single Check valve, such that when air pressure is applied, it may no longer provide source air isolation as defined and required by FMVSS 121.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A spring brake application that is uncommanded by the driver may result. The degree of the spring brake application being vehicle schematic and secondary reservoir failure dependent. The uncommanded spring brake application may increase the risk of a crash.

Description of the Cause : A setup-up error at the supplier caused the retainer to not be pressed to the correct depth in the part.

Identification of Any Warning : Such an occurrence may become known to a vehicle operator upon a secondary reservoir circuit failure. The secondary circuit failure may trigger a low

that can Occur : pressure warning in the vehicle.

Involved Components :

Component Name : SC-3

Component Description : Single Check Valve

Component Part Number : K094964

Supplier Identification :

Component Manufacturer

Name : Parker Brass

Address : 300 Parker Dr

Otsego Michigan 49078

Country : United States

Chronology :

See attached file

Description of Remedy :

Description of Remedy Program : The suspect parts will be replaced with parts without the defect.

How Remedy Component Differs from Recalled Component : Only SC-3 single check valves manufactured between 7/27/2020 and 9/29/2020 may contain the defect.

Identify How/When Recall Condition was Corrected in Production : The supplier has added software validation of the assembly setup process and in-process control of the press operation to validate that the check valve retainer is fully seated and will not separate.

Recall Schedule :

Description of Recall Schedule : Because there are no sales of the SC-3 into the aftermarket, Bendix does not plan to notify dealers or owners. The OEM's listed in this notice will be notified by 4/19/2021.

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 : Blue Bird Corporation

Address : 3920 Arkwright Rd
Suite 200 Macon GA 31210

Country : US

Company Phone : NR

Name : New Flyer of America, Inc

Address : 6200 Glenn Carlson Drive
St.Cloud MN 56301

Country : US

Company Phone : NR

Name : Oshkosh Corporation

Address : 3031 Oregon St.
Oshkosh WI 54902

Country : US

Company Phone : NR

Name : Navistar, Inc

Address : 2701 Navistar Dr.
Lisle IL 60532

Country : US

Company Phone : NR

* NR - Not Reported