

Part 573 Safety Recall Report

21V-166

Manufacturer Name : Crane Carrier Company

Submission Date : MAR 11, 2021

NHTSA Recall No. : 21V-166

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Crane Carrier Company

Address : 1951 Reiser Ave. SE

New Philadelphia OH 44663

Company phone : 3303086700

Population :

Number of potentially involved : 298

Estimated percentage with defect : 10 %

Vehicle Information :

Vehicle 1 : 2020-2021 Crane Carrier Company LET2

Vehicle Type : LOW VOLUME VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Products produced between the production date range, which included the part number 308F-0001 as part of their bill of material. Number of affected units is 298. This would include all units produced within this date range.

Production Dates : DEC 01, 2019 - MAR 11, 2021

VIN Range 1 : Begin : 1H9AACBA6K1674281 **End :** 4C9AADAC2M1540394 Not sequential

Description of Defect :

Description of the Defect : Bendix notified Crane Carrier Company that SL-4 Stop Light pressure switches manufactured between Dec 1, 2019 and Jan 31, 2020 with improper thread tapping may leak. In some cases the switch might also remain in either the open or closed state. When the SL-4 is used to control the vehicle stop lamps, the stop lamps might not change state increasing the likelihood of a crash.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : When air pressure is supplied to the switch, it may leak. In some cases the internal electrical contacts might become jammed. If the pressure switch is used to control brake lamps, the result of the jammed contacts might be that the brake lights do not illuminate or that the brake lights constantly remain illuminated increasing the likelihood of an crash.

Description of the Cause : Insufficient control of the thread tapping operation and functional testing allowed the defect to be created and not detected.

Identification of Any Warning that can Occur : A leaking switch may make an audible sound that can be detected by the driver

Involved Components :

Component Name 1 : SL-4

Component Description : Pressure Switch

Component Part Number : K101993

Supplier Identification :

Component Manufacturer

Name : Bendix Commercial Vehicle Systems, LLC

Address : 901 Cleveland Street
Elyria Ohio 44035

Country : United States

Chronology :

On March 5, 2021 at approximately 10:58 am CST, we received via e-mail an official notification from Bendix that there was a defect of their switch. Internally on March 8, 2021, we ran a where used report to determine the usage of the component. To date, we have not received notification through warranty processing or other means from the owners or distribution network of any failures. As a precaution, we have determined the switches should be inspected and replaced per Bendix's recall 20E-092

Description of Remedy :

Description of Remedy Program : All units they may be involved will have the switches inspected. If the inspector is able to determine the switch does not fall within the manufactured date range and it does not, the switch will not be replaced. If it does fall within the date range, it will be replaced. If they are not able to determine if the switch is within the date range, the switch will be replaced as a precaution.

How Remedy Component Differs from Recalled Component : All parts have a date code label that is easily readable. Parts with the date range of Dec 1, 2019 through Jan 31, 2020 will be replaced with parts from a later build range that do not have the potential defect.

Identify How/When Recall Condition was Corrected in Production : Per Bendix, the process controls were improved to eliminate potential improper tapping operation. The functional test was improved to detect this specific leak and the conditions that were necessary to enable the leak.

Recall Schedule :

Description of Recall Schedule : Dealers and Customers will be notified within one week of acceptance of this notification by NHTSA.
Planned Dealer Notification Date : MAR 22, 2021 - MAR 26, 2021
Planned Owner Notification Date : MAR 22, 2021 - MAR 26, 2021

* NR - Not Reported