

Part 573 Safety Recall Report

20V-020

Manufacturer Name : Kalmar Solutions, LLC

Submission Date : MAY 21, 2020

NHTSA Recall No. : 20V-020

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Kalmar Solutions, LLC

Address : 415 E. Dundee Street

Ottawa KS 66067

Company phone : 785-229-6341

Population :

Number of potentially involved : 22

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2019 Kalmar Ottawa T2E

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Kalmar's supplier has determined that the transmission tailshaft speed sensor is being affected by electromagnetic interference. This can result in erratic shifting of the transmission. This erratic shifting may cause the vehicle to move unexpectedly. This concerns the MY2019 Kalmar Ottawa T2E model only. (battery electric vehicle) There are 25 total units affected, 5 of which have not shipped to the customer and are quarantined.

Production Dates : MAR 01, 2019 - JAN 10, 2020

VIN Range 1 : Begin : 11VM817E5KA000001 End : 11VM817E2KA000022 Not sequential

Description of Defect :

Description of the Defect : Kalmar's supplier, TransPower, has determined that the transmission tailshaft speed sensor is subject to electromagnetic interference.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : This can result in erratic shifting of the transmission. This erratic shifting may cause the vehicle to move unexpectedly. Our investigation is ongoing.

Description of the Cause : The transmission tailshaft speed sensor is subject to electromagnetic interference.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : TransPower HQ

Address : 2415 Auto Park Way
Escondido CALIFORNIA 92029

Country : United States

Chronology :

On December 18, 2019, Kalmar was informed of one event from our customer. Kalmar reached out immediately to TransPower to perform an investigation. TransPower then initiated an investigation. After receiving feedback from the investigation, on Friday, January 10, 2020, there was a Kalmar management review in which it was determined there was a safety risk.

Description of Remedy :

Description of Remedy Program : The transmission tail shaft sensor was replaced by TransPower with an improved sensor that included a filter to eliminate the electromagnetic interference. TransPower made software updates, as well, to control any erratic inputs. All repairs were made by TransPower service personnel at no cost to the end user.

How Remedy Component Differs from Recalled Component : The remedy component has a filter that filters out any surrounding electromagnetic interference.

Identify How/When Recall Condition was Corrected in Production : All units in production immediately began receiving the new and improved sensor with the filter.

Recall Schedule :

Description of Recall Schedule : We are still determining with our supplier.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported