

Part 573 Safety Recall Report

23V-144

Manufacturer Name : Lordstown EV Corp

Submission Date : MAR 03, 2023

NHTSA Recall No. : 23V-144

Manufacturer Recall No. : R-0002



Manufacturer Information :

Population :

Manufacturer Name : Lordstown EV Corp

Number of potentially involved : 5

Address : 38555 Hills Tech Dr

Estimated percentage with defect : 2 %

Farmington Hills MI 48331

Company phone : 248-522-9100

Vehicle Information :

Vehicle 1 : 2023-2023 Lordstown Endurance

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : HYBRID ELECTRIC

Descriptive Information : Full-size electric pick-up truck. The recall includes vehicles built using parts from batches that may include electric park brake calipers with affected thrust washers.

Production Dates : NOV 07, 2022 - DEC 07, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The electric park brake calipers "EPB" may have been built with washers that had not been properly heat treated by the supplier. As a result, these washers could wear excessively over time, eventually leading the EPB to lose effectiveness and clamping force at grade.

Applicable Part Nos.:

LEVC Part No. AEED-005-BA and AEEE-006-BA

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The clamping force of the EPB may degrade over time, which could allow the vehicle to roll after being parked, especially if on a high grade, which could increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : There are no prior warnings that could occur.

Involved Components :

Component Name 1 : Rear Brake Caliper Assembly

Component Description : Rear Electric Park Brake Assembly

Component Part Number : AEED-005-BA and AEEE-006-BA

Component Name 2 : Rear Brake Caliper Thrust Washer

Component Description : Thrust Washer

Component Part Number : Akebono Part No. 51-B5102-67320-00

Supplier Identification :**Component Manufacturer**

Name : Akebono Brake Corporation

Address : 34385 W. Twelve Mile Rd.
Farmington Hills Michigan 48331

Country : United States

Chronology :

On February 20, 2023, Lordstown EV Corporation (“Lordstown”) was notified by its supplier (Akebono) that certain rear electric park brake calipers (“EPBs”) delivered to Lordstown between November 4, 2022 and February 8, 2023 potentially contain affected thrust washers. Akebono advised Lordstown that its supplier of rear caliper thrust washers (JTEKT) notified Akebono of a potential hardness issue involving these washers in early February 2023 and the sub-supplier conducted an investigation from February 16 – 20 wherein it concluded that a small percentage of washers had not undergone proper heat treatment.

Lordstown performed its analysis of reports and data provided by Akebono and considered the data provided, including the testing results. On March 1, 2023, Lordstown decided to conduct a recall to address this issue.

Lordstown has not received any reports of accidents or injuries related to this issue.

Description of Remedy :

Description of Remedy Program : Lordstown will replace the EPBs in affected vehicles at no cost to owners. This part is covered under the vehicle warranty program, and reimbursement for a pre-notification remedy under 29 C.F.R. 573.13 and Part 577.11 is not necessary.

How Remedy Component Differs from Recalled Component : Akebono has determined that the affected EPBs are uniquely marked and are traceable and has provided Lordstown with the shipment IDs of the EPBs with potentially affected washers. Remedy components are marked with a unique marking (green square).

Identify How/When Recall Condition was Corrected in Production : Only corrected EPBs that use washers that have been appropriately heat treated will be used in future production. All vehicles at the factory with affected EPBs will be retrofitted with corrected EPBs.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : MAR 03, 2023 - MAR 10, 2023

Planned Owner Notification Date : MAR 03, 2023 - MAR 10, 2023

* NR - Not Reported