

Part 573 Safety Recall Report

23E-057

Manufacturer Name : RevHD**Submission Date :** JUL 25, 2023**NHTSA Recall No. :** 23E-057**Manufacturer Recall No. :** NR**Manufacturer Information :****Manufacturer Name :** RevHD**Address :** 707 Spence Lane
Nashville TN 37217**Company phone :** 615-752-8628**Population :****Number of potentially involved :** 37,020**Estimated percentage with defect :** 100 %**Equipment Information :****Brand / Trade 1 :** RevHD**Model :** N/A**Part No. :** RHO-T03&-S01&-T04**Size :** Varries from Aprox. 6" to 8"**Function :** HubCap**Descriptive Information :** The recall population was determined based on the number of affected hubcaps received by RevHD, excluding the number still remaining on-hand at RevHD's warehouse.

This recall is specific to certain aftermarket hubcaps designed for use on wheel ends in commercial truck applications. The recalled population differs from other RevHD commercial truck hubcaps not included in the recall because there is a translucent lens material on the front specific to the Oil Application of these hubcaps. This lens material is not used on the other RevHD hubcaps, which are for Grease Applications.

Production Dates : SEP 01, 2022 - MAY 31, 2023**Description of Defect :****Description of the Defect :** Due to high temperatures, the lens of the recalled hubcaps has come loose, allowing lubricant to leak out of the wheel end.**FMVSS 1 :** NR**FMVSS 2 :** NR**Description of the Safety Risk :** Lack of lubricant in the wheel end can cause the wheel bearings to overheat, resulting in bearing seizure, wheel end fires or a wheel-off condition, leading to an increased risk of crash. Additionally, a loose hubcap lens could detach from the hubcap, creating a road hazard.**Description of the Cause :** The recalled hubcap lenses have come loose due to high heat.

Identification of Any Warning that can Occur : Every hubcap comes with a thermal alert bolt that is set to trigger if hub temperatures reach an excess of 250 degrees Fahrenheit. This alert bolt acts as a warning that the hubcap assembly is operating at an elevated temperature.

Involved Components :

Component Name : Steer Wheel Hubcap

Component Description : Oil, FF Steer, 6 bolt, with: Side plug, Gasket, Bolts, & TempBolt (4024)

Component Part Number : RHO-S01

Component Name : TN Trailer Hubcap

Component Description : Oil, TN Trailer, 6 bolt, with: Side plug, Gasket, Bolts, & TempBolt (4009)

Component Part Number : RHO-T03

Component Name : TP Trailer Hubcap

Component Description : Oil, TP Trailer, 6 bolt, with: Side plug, Gasket, Bolts, & TempBolt (4195)

Component Part Number : RHO-T04

Component Name : TN Trailer PSI Hubcap

Component Description : Oil PSI, TN Trailer, 6 bolt, with: Side plug, Gasket, Bolts, & TempBolt (4370)

Component Part Number : RHO-T03psi

Component Name : TP Trailer PSI Hubcap

Component Description : Oil PSI, TP Trailer, 6 bolt, with: Side plug, Gasket, Bolts, & TempBolt (4372)

Component Part Number : RHO-T04psi

Supplier Identification :

Component Manufacturer

Name : Shanghai Texcan Vehicle Parts Co.

Address : No. 188 Jiangong Rd.
Jinshan District Shanghai Foreign States 201502
Country : China

Chronology :

As of June 26, 2023, RevHD received notification of 14 incidents related to this issue. RevHD has not received any warranty claims or any reports of injuries or deaths related to this issue. On June 26, 2023, RevHD stopped distributing the oil hubcaps in order to conduct internal tests. Testing continued to July 21, 2023. Based on RevHD's review of the results of that testing, RevHD determined that overall hubcap durability was not within RevHD standards and that a re-design was needed.

Description of Remedy :

Description of Remedy Program : RevHD will repurchase affected hubcaps upon return of the hubcaps using a prepaid postage label or proof of return to a local retailers. Owners that have returned their hubcaps according to this process will be refunded the purchase price of their hubcap and, with appropriate documentation, associated labor at local labor rates. Additionally, RevHD will reimburse owners who paid for a remedy to correct the recall issue prior to RevHD's filing of this Part 573 report, in the amount of the cost of parts for the remedy, plus associated labor at local labor rates. RevHD is also investigating the possibility of offering a replacement with a corrected RevHD hubcap that addresses the noted defect in the hubcap lens.

How Remedy Component Differs from Recalled Component : To the extent that RevHD is able to provide replacement hubcaps, the remedy component will not be susceptible to hubcap lens loosening at high temperatures.

Identify How/When Recall Condition was Corrected in Production : RevHD is working with its supplier to correct the recall condition in production.

Recall Schedule :

Description of Recall Schedule : RevHD will notify our customers, which are aftermarket retailers, and will ask them to notify their known retail owners or provide their retail owner contact information to RevHD for direct notification. Either way, RevHD will request the aftermarket retailers to provide information about retail owner contacts and recall completions for inclusion in RevHD's quarterly recall completion reports.

Planned Dealer Notification Date : JUL 31, 2023 - 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