



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

26E056

Manufacturer Name: Odyne Systems, LLC

Submission Date: Aug 12, 2026

NHTSA Recall No.: 26E056

Manufacturer Recall No.: OD-2026-001

Manufacturer Information

Population

Manufacturer Name: Odyne Systems, LLC

Address: 2325 Parklawn Drive
Suite J
Waukesha WI, 53186

Total number of potentially involved: 39

Estimated percentage with defect: 0.1%

Equipment Information

Brand / Trade 1: ODYNE HYBRID SYSTEMS

Model: ODYNE HYBRID SYSTEMS

Part Number: evAPU

Type: Original

Function:

Size:

Production Dates: Oct 01, 2023 - Dec 31, 2025

Number of potentially involved: 2

Descriptive Information:

Commercial hybrid drive, ePTO, and auxiliary power systems installed on medium and heavy-duty work trucks.

Brand / Trade 2: ODYNE HYBRID SYSTEMS

Model: ODYNE HYBRID SYSTEMS

Part Number: G2V9

Type: Original

Function:

Size:

Production Dates: Oct 01, 2023 - Dec 31, 2025

Number of potentially involved: 37

Descriptive Information:

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Commercial hybrid drive, ePTO, and auxiliary power systems installed on medium and heavy-duty work trucks.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Odyne Systems LLC installs Webasto CV Standard Battery Gen1 high-voltage battery packs (Part No. 5610610) in its hybrid drive systems for medium and heavy-duty commercial trucks. These battery packs incorporate Samsung SDI Co., Ltd. lithium-ion cells in a 2P (two cells in parallel) configuration.

Samsung SDI has determined (NHTSA Recall No. 25E007) that certain cells from a specific production period contain micro-defects and/or local stresses in the separator layer caused by variability in Samsung SDI's production process. These micro-defects and local stresses may damage the separator.

Webasto Thermo & Comfort NA, Inc. subsequently filed NHTSA Recall No. 26E009 (May 4, 2026) covering CV Standard Battery Gen1 packs incorporating the potentially affected Samsung SDI cells. Webasto has stated that it has not independently observed defects in the field and that the risk in its use case is "very low" compared to OEM applications, as the CV Standard Battery's 2P configuration and multipack architecture reduces per-cell stress. In comparison to OEM applications, the number of cycles and the load for each cell is reduced significantly in the CV Standard battery. Therefore, a significantly reduced stress level on each individual cell can be assumed in CV Standard battery applications.

Odyne's application of the CV Standard Battery Gen1 is consistent with Webasto's commercial vehicle use case. Odyne has not observed any defects, thermal events, crashes, or injuries related to this issue in its vehicles. Odyne is submitting this Part 573 report in a good-faith effort to comply with NHTSA's interpretation of 49 CFR § 573.3(f), as triggered by Webasto's Recall 26E009.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

It has been determined by other automobile manufacturers that, in their applications, defective high voltage battery cells may overheat, increasing the risk of a thermal event.

Description of the cause:

Identification of any warning that can occur:

Component Manufacturer

Tier of Supplier: Tier 1

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26E056**Supplier Type:** OEM**Name:** Webasto Thermo & Comfort NA, INC**Address:** 2500 Executive Blvd
Auburn Hills MI, 48326**Country:** United States

Involved Components

Component Name 1: CV Standard Gen1 Battery**Component Description:** High Voltage Battery Pack**Component Part Number:** 5610610

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:**Address:****Country:**

Chronology

March 2025

Webasto identified that automotive OEMs using Samsung SDI cells had initiated recalls; inquiry to Samsung SDI confirmed affected cells were delivered to Webasto.

Mar-Dec 2025

Webasto and Samsung SDI conducted multiple alignment meetings and internal analyses; no field defects observed in Webasto batteries.

January 2026

Webasto determined that packs in the U.S. market may be affected.

February 2026

Webasto confirmed no injuries, crashes, or thermal events related to this issue.

Feb 27, 2026

Webasto concluded decision to notify NHTSA following final product-safety assessment meeting.

March 5, 2026

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Webasto filed Part 573 Safety Recall Report (NHTSA Recall No. 26E009).

Mar 13-20, 2026

Webasto began notifying purchasers, including Odyne, by email and certified mail.

May 6, 2026

NHTSA contacted Odyne requesting submission of a Part 573 defect information report.

May 11, 2026

Odyne responded to NHTSA, requesting clarification of filing obligations applicable to a downstream purchaser.

May 14, 2026

NHTSA confirmed Odyne's independent filing obligation under 49 CFR § 573.3(f).

May 22, 2026

Odyne initiated internal audit and engaged legal counsel; began preparing this report.

May 27, 2026

Odyne completed internal audit and confirmed total affected vehicle population and owner information.

Related NHTSA Recall Number: 26E009

Description of Remedy

Remedy Type: Software

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Webasto is developing new system software capable of detecting performance changes in the battery cells at an early stage. The update includes a multi-step protection function: (1) battery emits a warning signal in the first stage; (2) the potentially affected battery pack is switched off in the second stage. Additional monitoring functions will detect anomalies associated with the described cell error pattern.

How remedy component differs from recalled component:

Identify how/when recall condition was corrected in production:

Reimbursement Plan

Part 573 Safety Recall Report**26E056****Recall Schedule****Description of recall schedule:**

As of the date of this filing, Webasto has not provided Odyne with a finalized remedy deployment schedule. Odyne will supplement this report within 5 working days of receiving confirmed information from Webasto, per 49 CFR § 573.6(b).

Odyne sells its hybrid drive systems directly to fleet operators and commercial customers, not through consumer dealers. Owner notifications will be sent directly to fleet operators/registered owners of record by email or first-class mail, in accordance with 49 CFR Part 577.

Planned Dealer Notification Date:☐ No Dealers**Planned Interim Owner Notification Date:**☐ No Owners**Planned Remedy Owner Notification Date:**☐ Phased Recall