



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

26V454

Manufacturer Name: E-One Incorporated

Submission Date: Jul 15, 2026

NHTSA Recall No.: 26V454

Manufacturer Recall No.:

Manufacturer Information

Population

Manufacturer Name: E-One Incorporated

Address: 1601 S.W. 37TH AVENUE
Ocala FL, 34474

Total number of potentially involved: 159

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2026-2026 E-ONE COMMERCIAL

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Emergency Vehicle

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Jan 01, 2026 - Dec 31, 2026

Number of potentially involved: 47

Descriptive Information:

The Recall population was determined by the vehicles that are equipped with the Pneumatic Solenoid Valve, E-ONE Part Number: 1144349.

Vehicle 2: 2026-2026 E-ONE TYPHOON N

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Emergency Vehicle

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Jan 01, 2026 - Dec 31, 2026

Number of potentially involved: 55

Descriptive Information:

The Recall population was determined by the vehicles that are equipped with the Pneumatic Solenoid Valve, E-ONE Part Number: 1144349.

Vehicle 3: 2026-2026 E-ONE CYCLONE N

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26V454**Product Category:** Buses, Medium & Heavy Vehicles**Product Type:** Emergency Vehicle**Fuel / Propulsion:** Compression Ignition Fuel**Production Dates:** Jan 01, 2026 - Dec 31, 2026**Number of potentially involved:** 18**Descriptive Information:**

The Recall population was determined by the vehicles that are equipped with the Pneumatic Solenoid Valve, E-ONE Part Number: 1144349.

Vehicle 4: 2025-2025 E-ONE TYPHOON N**Product Category:** Buses, Medium & Heavy Vehicles**Product Type:** Emergency Vehicle**Fuel / Propulsion:** Compression Ignition Fuel**Production Dates:** Jan 01, 2025 - Dec 31, 2025**Number of potentially involved:** 29**Descriptive Information:**

The Recall population was determined by the vehicles that are equipped with the Pneumatic Solenoid Valve, E-ONE Part Number: 1144349.

Vehicle 5: 2025-2025 E-ONE CYCLONE N**Product Category:** Buses, Medium & Heavy Vehicles**Product Type:** Emergency Vehicle**Fuel / Propulsion:** Compression Ignition Fuel**Production Dates:** Jan 01, 2025 - Dec 31, 2025**Number of potentially involved:** 10**Descriptive Information:**

The Recall population was determined by the vehicles that are equipped with the Pneumatic Solenoid Valve, E-ONE Part Number: 1144349.

Defect / Noncompliance Description

Description of the defect or noncompliance:

The drive/pump mode transfer case may become disengaged while driving.

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FMVSS1:

FMVSS2:

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

If the drive mode disengages while driving, all power to the rear drive wheels is removed, preventing travel of the truck and increasing the risk of a crash.

Description of the cause:

The IDEX VMUX multiplex unit was not programmed to continuously energize the drive/pump mode control solenoid valve to maintain air pressure on the drive/pump mode transfer case actuator. As a result, vibration while driving can cause the transfer case to become disengaged.

Identification of any warning that can occur:

No warning will precede this.

Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type: OEM

Name: E-ONE, INC.

Address: 1601 SW 37th Avenue
Ocala FL, 34474

Country: United States

Involved Components

Component Name 1: IDEX VMUX Electrical Program

Component Description: IDEX VMUX Electrical Program

Component Part Number: N/A

Chronology

3 June 2026 – A customer contacted E-ONE stating that their truck had come out of drive mode while driving. Electrical Engineering began investigating the issue.

11 June 2026 – After extensive testing, 540 cycles, E-ONE Electrical Engineering could not replicate the issue. During the investigation, Electrical Engineering did discover this potential issue and decided it would be best to make a programming change to the IDEX VMUX multiplex unit.

25 June 2026 – E-One safety committee requested review for recall decision.

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9 July 2026 – Recall decision approved.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Software, Repair

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

During the Engineering Design Review, it was determined that a change to the VMUX Electrical Program would be made to ensure that the node output maintains air pressure to the shift actuator.

How remedy component differs from recalled component:

Trucks equipped with Pneumatic Solenoid Valve, E-ONE Part Number: 1144349 distinguish which trucks are affected. The affected component is the IDEX VMUX Electrical Program that E-ONE configures. There is no part number since all trucks are customized, according to the Standard Program, per the customers' requirements.

Identify how/when recall condition was corrected in production:

All vehicles in Production were identified and Red Tagged to prevent shipping until the IDEX VMUX Electrical Program was updated. All future vehicles will incorporate the corrected Electrical Program.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

- 1) Email dealers a copy of the recall approximately 1 week before customers.
- 2) Mail customers the recall

Planned Dealer Notification Date: Jul 24, 2026 - Aug 07, 2026 ☐ No Dealers

Planned Interim Owner Notification Date: ☐ No Owners

Planned Remedy Owner Notification Date: Aug 07, 2026 - Aug 21, 2026 ☐ Phased Recall

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Date when VIN will be searchable: