



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25E076

**Manufacturer Name:** Eaton Corporation

**Submission Date:** Nov 20, 2025

**NHTSA Recall No.:** 25E076

**Manufacturer Recall No.:** HSCQE 2025-07

### Manufacturer Information

### Population

**Manufacturer Name:** Eaton Corporation

**Address:** 1000 Eaton Blvd  
Cleveland OH, 44122

**Total number of potentially involved:** 289

**Estimated percentage with defect:** 33%

### Equipment Information

**Brand / Trade 1:** Eaton

**Model:** Differential

**Part Number:** Q14033-010

**Type:** Replacement

**Function:**

**Size:** Eaton ELocker® Differential; D

**Production Dates:** Jun 01, 2025 - Sep 01, 2025

**Number of potentially involved:** 2

**Descriptive Information:**

The recall population was determined based upon a review of manufacturing process and equipment settings. Recalled products potentially contain a gear that missed a machining operation to standardize teeth height.

**Brand / Trade 2:** Eaton

**Model:** Differential

**Part Number:** Q14023--010

**Type:** Replacement

**Function:**

**Size:** Eaton ELocker® Differential; D

**Production Dates:** Jun 01, 2025 - Sep 01, 2025

**Number of potentially involved:** 94

**Descriptive Information:**

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The recall population was determined based upon a review of manufacturing process and equipment settings. Recalled products potentially contain a gear that missed a machining operation to standardize teeth height.

**Brand / Trade 3:** Eaton

**Model:** Differential

**Part Number:** Q14032-010

**Type:** Replacement

**Function:**

**Size:** Eaton ELocker® Differential; D

**Production Dates:** Jun 01, 2025 - Aug 29, 2025

**Number of potentially involved:** 38

**Descriptive Information:**

The recall population was determined based upon a review of manufacturing process and equipment settings. Recalled products potentially contain a gear that missed a machining operation to standardize teeth height.

**Brand / Trade 4:** Eaton

**Model:** Differential

**Part Number:** Q14022-010

**Type:** Replacement

**Function:**

**Size:** Eaton ELocker® Differential; D

**Production Dates:** Jun 01, 2025 - Aug 29, 2025

**Number of potentially involved:** 155

**Descriptive Information:**

The recall population was determined based upon a review of manufacturing process and equipment settings. Recalled products potentially contain a gear that missed a machining operation to standardize teeth height.

### Defect / Noncompliance Description

**Description of the defect or noncompliance:**

Gears incorporated into 33% of suspect population of differentials have teeth that are oversized causing the differential to lock.

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**FMVSS1:**

**FMVSS2:**

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

Based on testing done to date, the aftermarket differentials with oversized gear teeth lock, which will effectively increase the turning radius of the vehicle increasing the risk of a crash.

**Description of the cause:**

A machining operation to standardize gear teeth height was not completed for 98 gears . Those 98 gears were incorporated into the suspect population.

**Identification of any warning that can occur:**

After installation of differential onto vehicle and upon initial vehicle turning, ratcheting sound/noise and then difficulty turning should become immediately apparent. Also turning radius will be wider than expected.

## Component Manufacturer

**Tier of Supplier:**

**Supplier Type:**

**Name:**

**Address:**

**Country:**

## Involved Components

**Component Name 1:** Eaton ELocker® Differential

**Component Description:** Eaton ELocker® Differential; Dana 60; 35 Spline; 4.10

**Component Part Number:** 14022-010

**Component Name 2:** Eaton ELocker® Differential

**Component Description:** Eaton ELocker® Differential; Dana 60; 35 Spline; 4.56

**Component Part Number:** 14023-010

**Component Name 3:** Eaton ELocker® Differential

**Component Description:** Eaton ELocker® Differential; Dana 70; 35 Spline; 4.10

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**25E076****Component Part Number:** 14032-010**Component Name 4:** Eaton ELocker® Differential**Component Description:** Eaton ELocker® Differential; Dana 70; 35 Spline; 4.56**Component Part Number:** 14033-010

## 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:** CHA INDUSTRIES**Address:****Country:** United States**Name:** Drive Train Specialists LLC**Address:****Country:****Name:** Currie Enterprises**Address:****Country:** United States**Name:** Atech Motorsports**Address:** OH**Country:** United States**Name:** East Coast Gear Supply**Address:****Country:** United States

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**Name:** Inter-Continental  
**Address:**  
**Country:** United States

**Name:** PREMIER PERFORMANCE  
**Address:**  
**Country:** United States

**Name:** JAB Inc.  
**Address:**  
**Country:** United States

**Name:** JEFFS BRONCO GRAVEYARD  
**Address:**  
**Country:**

**Name:** LANE AUTOMOTIVE  
**Address:**  
**Country:** United States

**Name:** SADLER POWER TRAIN  
**Address:**  
**Country:** United States

**Name:** MEYER DISTRIBUTING INC  
**Address:**  
**Country:** United States

**Name:** QUICK PERFORMANCE  
**Address:**  
**Country:** United States

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**Name:** WEST COAST DIFFERENTIALS

**Address:**

**Country:**

**Name:** RON'S MACHINING SERVICE

**Address:**

**Country:**

**Name:** TURN 14 DISTRIBUTION

**Address:**

**Country:** United States

## Chronology

- o 8/27/2025 Initial notification from customer that differentials were generating a ratcheting noise
- o 9/1/2025 Containment and root cause investigation started at manufacturing plants) for p/n Q14022-010 (aftermarket differential); Requests sent to customers to place all parts with p/n on-hold pending further notice
- o 9/10/2025 sample parts from customers received at manufacturing plant; Requested customers return all parts they currently have in stock (regardless of part number or date of build)
- o 9/11/2025 discovered during investigation at gear manufacturing plant that some samples of part number Q47170 (gear) have oversize teeth
- o 9/16/2025 Investigation confirmed total population of 98 gears did not complete machining operation for teeth height; Total population of 98 gears was shipped to differential assembly plant on 5/22/2025; all differentials assembled from 6/1/2025 to 8/31/2025 are considered suspect.
- o 9/22/2025 Population of suspect differentials is expanded to p/n Q14022-010, Q14023-010, Q14032-010, Q14033-010; as they all are determined to use the same Q47170 (gear) – total suspect differential population now 298 parts
- o 10/9/2025 to present– additional engineering testing and analysis to confirm issue and reconfirm total scope

**Related NHTSA Recall Number:**

## Description of Remedy

**Remedy Type:** Reimburse, Replace

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**Consumer Advisories:**  Do Not Drive  Park Outside

**Description of remedy program:**

Differentials that contain gears with oversized teeth to be replaced with new differentials free of charge

**How remedy component differs from recalled component:**

All replacement differentials will have gears that have been machined to have appropriate gear teeth height.

**Identify how/when recall condition was corrected in production:**

September 26, 2025:

Updated gear machining program and added quality check for teeth height post machining at plant.  
Added end of line manual noise verification test.

## Reimbursement Plan

**Description of reimbursement program:**

Replace free of charge. Direct end users to email or phone number below:

<https://www.eaton.com/us/en-us/support/warranty-returns/eaton-performance-automotive-process.html>

Phone number:  
1-800-328-3850

**Period of reimbursement:**

October 31, 2025 until end users notified and campaign executed

**Costs to be reimbursed:**

Company will inspect and repair any product containing the defect free of charge, with designated 3rd party provider performing the replacement of the recalled components to be notified of their responsibilities in accordance with 49 CFR 573.6(c)(9)

**Address for reimbursement claims:**

## Recall Schedule

**Description of recall schedule:**

Eaton sells differentials into the Aftermarket only through distribution. On September 1, 2025, Distributors were contacted and asked to sequester and return entire population of suspect differentials. We are working cooperatively with our distributors to notify end-users.

**Planned Dealer Notification Date:**

No Dealers

**Planned Interim Owner Notification Date:** Dec 19, 2025

No Owners

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**Planned Remedy Owner Notification Date:** Dec 19, 2025

Phased Recall