

# Part 573 Safety Recall Report

# 23E-054

**Manufacturer Name :** Cummins, Inc.**Submission Date :** NOV 16, 2023**NHTSA Recall No. :** 23E-054**Manufacturer Recall No. :** C2716**Manufacturer Information :**

Manufacturer Name : Cummins, Inc.

Address : Box 3005

Mail Code COB118 Columbus IN

47202-3005

Company phone : 812-377-5000

**Population :**

Number of potentially involved : 71

Estimated percentage with defect : 45 %

**Equipment Information :**

Brand / Trade 1 : Cummins Inc

Model : B6.7

Part No. : D313038BX03

Size : N/A

Function : Diesel Engine

**Descriptive Information :** This recall covers certain Cummins B6.7 engines that are equipped with lifting bracket Option Number LA9181 and were built during the identified product date range and sold for installation in trucks and buses. The production "Begin" and "End" dates provided herein are based on the dates list on the affected engines' dataplates (the engine "build date".) 61 total units were shipped to Navistar; 2 were repaired at the Navistar facility prior to this recall being initiated. Only the remaining 59 engines shipped to Navistar are within the scope of this recall campaign. 10 units were shipped to Blue Bird and are not within the scope of this recall because all 10 of them were previously repaired at the Blue Bird facility prior to this recall being initiated.

Production Dates : MAR 20, 2023 - MAR 30, 2023

**Description of Defect :**

**Description of the Defect :** The subject engines may have been built with an insufficiently torqued (or loose) bolt attaching the rear lifting bracket to the cylinder head.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** The rear lifting bracket may detach from the cylinder head while the engine is being lifted, possibly causing the engine to swing or fall, potentially resulting in personal injury.

**Description of the Cause :** The lower bolt that attaches the rear lifting bracket to the cylinder head may

[REDACTED] not have been properly torqued due to assembly operator error.

Identification of Any Warning that can Occur : None.

### Involved Components :

Component Name : Bracket, Engine Lifting

Component Description : Rear Lifting Bracket

Component Part Number : 4933232

Component Name : Screw, Hex Flange Head

Component Description : Lower Bolt

Component Part Number : 3903990

### Supplier Identification :

#### Component Manufacturer

Name : N/A

Address : NR

NR

Country : NR

### Chronology :

04/06/2023 - Navistar reported to Cummins that an engine had a bracket separation on their production line due to a loose bolt attaching the rear lifting bracket to the cylinder head.

04/13/2023 - Another OEM reported to Cummins that two engines had bracket separations on their production line due to a loose bolt attaching the rear lifting bracket to the cylinder head. As a result, Cummins inspected and, as necessary, repaired all the engines at that OEM. Because of this action, no engines shipped to this OEM are subject to this recall.

04/17/2023 - Cummins implemented assembly process and operator training improvements at the lifting

bracket assembly station.

06/09/2023 – Cummins conducted a Product Safety Hazard Analysis to evaluate the potential safety risk on fielded units. As part of this analysis, Cummins conducted a warranty search and found no claims for this issue.

06/09/2023 – 07/11/2023 - Cummins escalated the issue through its Product Safety Defect Determination Process.

7/11/2023 – Based upon the results of the investigation, and although Cummins has no reports that defective units have been shipped beyond the OEM assembly plants, the Cummins Product Safety Defect Board decided out of an abundance of caution to conduct a safety campaign to address this condition. To date, there have been no reports of injuries related to this issue.

11/16/2023 – At the request of NHTSA staff, Cummins amended this Defect Notification to identify the OEM referenced above whose vehicles had been previously repaired (and therefore not within the scope of the recall campaign) and to revise the “Number Potentially Involved” to include those engines that were shipped to that OEM. As indicated above, all of these engines were repaired at the OEM facility.

## Description of Remedy :

**Description of Remedy Program :** The remedy is to inspect the rear lifting bracket bolts, rear lifting bracket, fuel lines and cylinder head for damage. If any bolt is observed loose or insufficiently torqued, the bracket and both bolts will be replaced. Fuel lines or cylinders heads found damaged will also be replaced.

Cummins requests that it be exempt from providing notification of a reimbursement plan. Any pre-notification product failure would have been corrected under the manufacturer’s limited warranty. Accordingly, no person would be eligible for reimbursement pursuant to 573.13.

**How Remedy Component Differs from Recalled Component :** The remedy components are the same as the recalled components because the issue is an assembly error.

**Identify How/When Recall Condition was Corrected in Production :** Assembly process and operator training improvements at the lifting bracket assembly station were implemented on 4/17/2023.

## Recall Schedule :

**Description of Recall Schedule :** Cummins expects to notify Navistar, the only affected OEM, by 07/28/2023. Subject to consultation and agreement with Navistar, Cummins will conduct the recall, including sending owner notifications. The timing of owner notification will be determined in consultation with Navistar. Cummins expects to release a safety campaign by August 24, 2023. In any event, Cummins expects to notify owners no later than 9/15/2023, pending availability of owner addresses from Navistar.

Planned Dealer Notification Date : AUG 24, 2023 - AUG 24, 2023

Planned Owner Notification Date : SEP 15, 2023 - SEP 15, 2023

## 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 : Navistar International

Address : 2701 Navistar Dr

Lisle IL 60532

Country : US

Company Phone : 2606155684

Name : Blue Bird Corporation

Address : 3920 Arkwright Rd.

Suite 200 Macon GA 31210

Country : US

Company Phone : 4789935093

\* NR - Not Reported