

Part 573 Safety Recall Report

24E-106

Manufacturer Name : Cummins, Inc.

Submission Date : DEC 17, 2024

NHTSA Recall No. : 24E-106

Manufacturer Recall No. : C7119



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 : 203

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : Cummins, Inc

Model : Industrial Applications of the B6.7

Part No. : RA11741, RA11769

Size : NR

Function : Diesel Engine

Descriptive Information : This recall covers certain Cummins B6.7 and F3.8 engines sold as original equipment to multiple OEMs to power various kinds of trailer mounted equipment. The recall population consists of units with plumbing elbow part number 50000676 and where the engine and cooling system were placed in an open installation, without enclosure.

Production Dates : JUN 01, 2019 - JUL 15, 2024

Brand / Trade 2 : Cummins, Inc

Model : Industrial Applications of the F3.8

Part No. : RA11789, RA00074

Size : NR

Function : Diesel Engine

Descriptive Information : This recall covers certain Cummins B6.7 and F3.8 engines sold as original equipment to multiple OEMs to power various kinds of trailer mounted equipment. The recall population consists of units with plumbing elbow part number 50000676 and where the engine and cooling system were placed in an open installation, without enclosure.

Production Dates : JUN 01, 2019 - JUL 15, 2024

Description of Defect :

Description of the Defect : Due to a specification error, a rubber elbow intended for the fresh air intake was being used in the liquid cooling system. The incorrect material and construction allow the elbow to expand and potentially create a coolant leak.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A leak creates the risk of injury from potential exposure to high temperature, pressurized coolant in applications where the hose installation is in the open, without any enclosure around the engine and cooling system that would act to shield a bystander or operator from a possible leak.

Description of the Cause : A specification error was made on the elbow. The incorrectly specified material is intended for use in non-pressurized air transfer applications, not for pressurized coolant.

Identification of Any Warning that can Occur : A visible expansion of the elbow could be observed before a leak develops.

Involved Components :

Component Name : Hose, elbow

Component Description : Coolant hose

Component Part Number : 50000676

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

- 31 May 2024 - OEM notified Cummins of observing a swelling hose while the unit was undergoing a hot test.
- 15 July 2024 – Cummins issued a ‘quality alert’ informing producing locations to stop using the subject part.
- 16 August 2024 – The specification error was corrected on the engineering bill of material.
- 19 September 2024 – The Product Safety Leader for Cummins Distribution Unit was notified of the issue.
- 10 December 2024 - The Cummins Product Safety Defect Board decided to initiate a safety campaign to address

this condition. To date, there have been no reports of accidents or injuries related to this issue.

Description of Remedy :

Description of Remedy Program : The remedy is to replace the suspect hose elbow with a new elbow manufactured using the correct material specification and construction for use with pressurized high temperature coolant.

Cummins will submit a recall-specific reimbursement plan through the Recalls Portal.

How Remedy Component Differs from Recalled Component : The remedy component was manufactured with the correct material specification and construction for use in a pressurized high temperature coolant application.

Identify How/When Recall Condition was Corrected in Production : The condition was corrected in production on 8/16/2024 with the introduction of a correctly specified hose.

Recall Schedule :

Description of Recall Schedule : Cummins expects to notify the OEMs, by 1/15/2025. Subject to consultation and agreement with the OEMs, Cummins will conduct the recall, including sending owner notifications. The timing of owner notification will be determined in consultation with the OEMs. In any event, Cummins expects to notify owners no later than 2/14/2025, pending availability of owner addresses from the OEMs.

Planned Dealer Notification Date : JAN 17, 2025 - JAN 17, 2025

Planned Owner Notification Date : FEB 14, 2025 - FEB 14, 2025

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