

Part 573 Safety Recall Report

24V-192

Manufacturer Name : Cummins, Inc.

Submission Date : MAR 27, 2024

NHTSA Recall No. : 24V-192

Manufacturer Recall No. : C7015



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 : 16

Estimated percentage with defect : 3 %

Vehicle Information :

Vehicle 1 : 2023-2024 Cummins Power Generation C275D2RE

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : This recall covers certain Cummins Power Generation generator sets mounted on trailers manufactured by Helgesen Industries Inc. and MMDi Inc. The recall population consists of generator sets assembled with certain QSL engines built at the Cummins Darlington Engine Plant (DEP). Through manufacturing records, DEP identified these engines as having vibration damper capscrews that may not have been torqued to specification.

Production Dates : SEP 19, 2023 - FEB 07, 2024

VIN Range 1 : Begin : 5851f1534pp025001 End : 5851f1924rp025758

☒ Not sequential

VIN Range 2 : Begin : 5632g2036pm001964 End : 5632g2037pm002427

☐ Not sequential

Description of Defect :

Description of the Defect : The vibration damper capscrews on these engines may have not been torqued to specification. This condition may result in the damper coming loose and potentially separating from the engine.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A damper that comes loose and separates from the engine could become a projectile, presenting a risk of personal injury to persons in the vicinity of the unit.

Description of the Cause : Insufficient torque may have been applied to certain units during the manufacturing process.

Identification of Any Warning : The condition may illuminate a fault lamp and the operator may feel engine

that can Occur : vibration or hear noise.

Involved Components :

Component Name 1 : Viscous Vibration Damper

Component Description : Unit assembled on the crank to reduce engine vibrations

Component Part Number : 3967014

Component Name 2 : Hexagonal Flange Head Capscrew

Component Description : Hardware to assemble damper on the crankshaft

Component Part Number : 3914118

Supplier Identification :

Component Manufacturer

Name : Cummins Inc

Address : NR

NR

Country : NR

Chronology :

17 October 2023 – Cummins received a report that a vibration damper came loose on a QSC engine operating in a marine application.

23 October 2023 – 28 November 2023 - Cummins Darlington Engine Plant (DEP) began an investigation into the incident. Cummins determined that the damper capscrew torque process may not have been properly applied. Cummins reviewed the bolted-joint analysis, conducted a warranty search, which identified one warranty claim of a report of sheared and loose damper bolts on an L9 engine, and conducted a Product Safety Hazard Analysis to evaluate the potential safety risk on fielded units.

28 November 2023 – The issue was reviewed with the Cummins Product Safety Defect Board, which requested additional monitoring of field data.

6 February 2024 – 27 February 2024– Cummins received a report of a third failure of the damper bolts, this time on a different engine model (QSL). Based on this additional failure, Cummins reevaluated the Product Safety Hazard Analysis and escalated the issue through the Cummins Product Safety Defect Determination process.

27 February 2024 – Based upon the results of the investigation, the Cummins Product Safety Defect Board decided to conduct a safety campaign to address this condition for certain QSC and QSL engines installed in off-highway applications and certain L9 engines used in non-US on-highway applications.

5 March 2024 – Cummins determined that 16 of the off-highway QSL model engines that are the subject of this recall were installed into trailered generator sets that may travel over U.S. public roads.

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

Description of Remedy :

Description of Remedy Program :	The remedy is to inspect the subject capscrews and, if required, torque them to the proper specification and/or repair any related damage.☐
	Pursuant to 49 CFR 577.11(e), Cummins requests that it be exempt from providing notification of a reimbursement plan. Any pre-notification product failure would have been replaced 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 does not consist of replacing a recalled component. If inspection reveals any damaged parts, those parts will be replaced with identical OE part.
Identify How/When Recall Condition was Corrected in Production :	DEP manufacturing implemented a process improvement on the production line on 7 November 2023.

Recall Schedule :

Description of Recall Schedule :	Cummins expects to release a safety campaign and to notify owners by 05/05/2024.
Planned Dealer Notification Date :	MAY 05, 2024 - MAY 05, 2024
Planned Owner Notification Date :	MAY 05, 2024 - MAY 05, 2024

* NR - Not Reported