

Part 573 Safety Recall Report

22V-574

Manufacturer Name : Terex Advance Mixer, Inc.

Submission Date : MAY 30, 2023

NHTSA Recall No. : 22V-574

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Terex Advance Mixer, Inc.

Address : 7727 Freedom Way
Fort Wayne IN 46818

Company phone : 999

Population :

Number of potentially involved : 22

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Front Discharge Mixer Commander

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Terex received email notification from Cummins on 8/2/2022 indicating that they had declared a safety recall on certain engines. Terex reviewed the defect report and other included information. Based on this, Terex also deems this defect to be safety related and as such is filing a 573 defect report to declare a safety recall on the affected vehicles/engines.

The Cummins engines installed in the impacted vehicles are equipped with an Engine Control Module (ECM) and sold for installation in mixer trucks (Terex vehicles). The recall consists of the entire population of engines equipped with the suspect ECMs, prior to the implementation of corrective action.

Production Dates : JUN 06, 2022 - AUG 03, 2022

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : ECMs within the subject population that are affected by the defect condition may develop an internal electrical short circuit, possibly resulting in an engine stall without warning. If this occurs, the engine cannot be restarted until replacement of the ECM and, if necessary, the fuse.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An unexpected engine stall without the ability to restart the engine may lead to an increased risk of crash

Description of the Cause : A Screw in the supplier's selective solder fixture backed out of position, pushing an electrolytic capacitor frame into the Printed Circuit Board (PCB) during ECM production.

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : Cummins, Inc.

Address : 500 Jackson Street
Columbus Indiana 47202-3005

Country : United States

Chronology :

Cummins notified Terex Advance Mixer on August 2, 2022 that they were declaring a safety recall (22E-063). Terex agrees with Cummins determination and are filing a 573 defect report to formalize this. Cummins will manage the campaign through their dealer body and file quarterly completion updates. Terex will cooperate with Cummins to identify affected VINs and provide customer contact information to Cummins.

Description of Remedy :

Description of Remedy Program : Cummins is managing the remedy program for this recall. We provided them all our end user contact information and they will utilize their dealer network to carry out this campaign. The customers in question have been contacted and instructed to take their vehicles to their nearest Cummins dealer to have the engine ECM replaced at no cost to them.

How Remedy Component Differs NR
from Recalled Component :

Identify How/When Recall Condition NR
was Corrected in Production :

Recall Schedule :

Description of Recall Schedule : Owner Letters were sent out by Cummins to customer. Terex Advance does not have a dealer network, therefore no dealer notifications were sent.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : SEP 26, 2022 - SEP 28, 2022

* NR - Not Reported