

Part 573 Safety Recall Report

16V-410

Manufacturer Name : Oshkosh Corporation

Submission Date : JUN 02, 2016

NHTSA Recall No. : 16V-410

Manufacturer Recall No. : 16E047-Cummins C1792



Manufacturer Information :

Population :

Manufacturer Name : Oshkosh Corporation

Number of potentially involved : 6

Address : 2307 Oregon Street

Estimated percentage with defect : 100 %

PO Box 2566 Oshkosh WI 54903-2566

Company phone : 920-235-9151

Vehicle Information :

Vehicle 1 : 2016-2016 Oshkosh S-Series Front Discharge Mixer

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Oshkosh S-Series Front Discharge Concrete Mixers with Cummins ISX Diesel engines that were manufactured between 3/17/16 and 4/12/16. These engines were installed in S-Series units that delivered to customers between 5/16/16 and 5/25/16.

Production Dates : MAY 16, 2016 - MAY 25, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Per Cummins' 573 Notification for recall 16E-047, the Engine Control Module (ECM) may develop an internal electrical short circuit that could possibly blow a fuse in the ECM's electrical supply circuit, resulting in an engine stall without warning. If this occurs, the engine cannot be restarted until the ECM and fuse are replaced.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Per Cummins' 573 Notification for recall 16E-047, an unexpected engine stall without the ability to restart the engine may lead to an increased risk of an accident.

Description of the Cause : Per Cummins' 573 Notification for recall 16E-047, their engines are washed after assembly/test and prior to being painted. During their wash process, the ECM Original Equipment Manufacturer (OEM) connector port is covered with a masking cap to prevent wash water from entering the connector port. During their identified time period, defective masking caps allowed wash water to enter certain ECM's. The wash water and/or the subsequent residue may

create an internal short circuit on the printed circuit board that could possibly cause a blown fuse in the ECM's electrical supply circuit.

Identification of Any Warning that can Occur : N/A

Supplier Identification :

Component Manufacturer

Name : Cummin Inc.
Address : 500 Jackson Street
Columbus INDIANA 47202-3005
Country : United States

Chronology :

5/20/2016 Oshkosh received notification after hours on a Friday from Cummins that a safety defect on ISX engines existed and Cummins had notified NHTSA of their intent to conduct NHTSA recall 16E-047.

5/23/2016 On Monday, the company issued a stop shipment notification and began to check Cummins' affected engine serial number list against Oshkosh's VIN list to determine which vehicles were affected and the location of the vehicles.

5/31/2016 Oshkosh determined that 6 units had already been shipped & delivered to customers. All the remaining units were held until Cummins' technicians were able to replace the ECMs in the affected vehicles. Oshkosh/McNeilus leadership decided to submit a 573 Notification relevant to Cummins equipment recall 16E-047.

Description of Remedy :

Description of Remedy Program : Per Cummins' 573 Notification for recall 16E-047, Cummins will replace the existing ECM with a new (remedy) ECM.

The recall is being performed by Cummins including notification of customers and Quarterly recall completion reports to NHTSA.

How Remedy Component Differs from Recalled Component : Per Cummins' 573 Notification for recall 16E-047, the ECM's have a unique serial number. The remedy ECM's are distinguishable from the recalled ECM's based upon the serial number.

Identify How/When Recall Condition was Corrected in Production : Oshkosh vehicles with the affected Cummins engine serial numbers were put on hold effective 5/23. Cummins is in the process of replacing all the ECMs on these units before they will be shipped to customers.

Recall Schedule :

Description of Recall Schedule : Per Cummins' 573 Notification for recall 16E-047, Cummins will begin notifications to customers July 7, 2016.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : JUL 07, 2016 - JUL 07, 2016

* NR - Not Reported