Part 573 Safety Recall Report 17E-021

Manufacturer Name : Cummins Inc.
Submission Date : APR 18, 2017
NHTSA Recall No. : 17E-021
Manufacturer Recall No. : C1885

Manufacturer Information :

Manufacturer Name : Cummins Inc.
Address : 500 Jackson Street
Columbus IN 47202-3005
Company phone : 812-377-5000

Population :

Number of potentially involved : 227
Estimated percentage with defect : NR

Equipment Information :

Brand / Trade 1 : Cummins Inc.
Model : ISV5.0
Part No. : 4378266
Size : NR
Function : NR
Descriptive Information : Light duty diesel engines equipped with a fan support to which the vehicle manufacturer mounts a fan for cooling the radiator. The affected engines are installed exclusively in Tiffin Breeze recreational vehicles.
Production Dates : MAR 16, 2015 - MAR 10, 2017

Description of Defect :

Description of the Defect : The fan support bearing may fail, possibly damaging the fuel pump chain drive, resulting in loss of fuel pump function. If this occurs, the engine may stall without warning and cannot be restarted.
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 a crash.
Description of the Cause : Imbalances caused by the fan adapter and by excessive bending moment applied by the fan to the fan support on this application may cause the fan support bearings to fail.
Identification of Any Warning that can Occur : None.

Supplier Identification :

Component Manufacturer

Name :	NR
Address :	NR
	NR
Country :	NR

Chronology :

May 2016 – Cummins first received reports of fan support failures in this application.

June 2016 – Cummins started an investigation into the field failures, potential causes and corrective actions.

November 9, 2016 – Based on the information developed during this investigation and analysis, Cummins determined that the failures did not represent an unreasonable safety risk. Cummins was unaware of any engine stalls at the time of this investigation and analysis.

March 31, 2017 – Cummins, in conjunction with Tiffin, published a commercial field action to address the causes of the failures in the subject population.

March 31, 2017 - Cummins first became of aware reports of engine stalls resulting from this failure mode and began additional investigation and analysis of these failures.

April 11, 2017 - Based upon the new information considered during the subsequent investigation and analysis (i.e., the potential for an engine stall) Cummins decided that a safety defect exists in the subject population and decided to convert the previous field action to a recall.

Description of Remedy :

Description of Remedy Program :	The fan support (supplied by Cummins) and the fan adapter (supplied by Tiffin) will both be replaced with parts of improved designs. Pursuant to 49 CFR577.11(e), Cummins requests that it be exempt from providing a 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 components have unique part numbers.

Identify How/When Recall Condition was Corrected in Production :	Cummins began building engines with the remedy fan support on March 16, 2017.

Recall Schedule :

Description of Recall Schedule :	NR
Planned Dealer Notification Date :	APR 28, 2017 - APR 28, 2017
Planned Owner Notification Date :	MAY 30, 2017 - MAY 30, 2017

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 :	Tiffin Motorhomes, Inc.
Address :	105 2nd Street NW Red Bay AL 35582
Country :	US
Company Phone :	2563563088

* NR - Not Reported