

Part 573 Safety Recall Report**15V-357****Manufacturer Name :** Kalmar Solutions, LLC**Submission Date :** JUN 03,2015**NHTSA Recall No. :** 15V-357**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Kalmar Solutions, LLC

Address : 415 E. Dundee Street

Ottawa KS 66067

Company phone : 785-229-6341

Population :

Number of potentially involved : 22

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2010-2014 Kalmar Ottawa

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : CNG/LPG

Descriptive Information : CNG powered terminal tractor

Production Dates : DEC 06, 2010 - JUL 21, 2014

VIN (Vehicle Identification Number) Range

Begin : 11VF813G7AA000273

End : 11VF816C1EA000381

 Not sequential VINs**Description of Defect :**

Description of the Defect : Under conditions of excessive engine crankcase pressures, the 90-degree elbow of the vent tube assembly may become detached from the breather, possibly allowing engine oil to come into contact with hot surfaces.

Description of the Safety Risk : Engine oil contacting hot surfaces may ignite, possibly resulting in a fire.

Description of the Cause : Under conditions of excessive engine crankcase pressure, the barbs on the breather exit tube may not adequately maintain the attachment between the 90-degree elbow of the vent tube assembly and the breather exit tube. In the known incidents, the predominant cause of excessive crankcase pressure has been a cracked piston.

Identification of Any Warning that can Occur : Conditions which result in high engine crankcase pressure may result in a loss of engine power, may illuminate amber or red engine diagnostic lamps on the vehicle instrument cluster, or may result in erratic engine operation.

Supplier Identification :**Component Manufacturer**

Name : Cummins, Inc

Address : 500 Jackson Street
Columbus INDIANA 47202-3005

Country : United States

Chronology :

Cummins Inc notified Kalmar of the recall (15E-030) on May 19, 2015. Included in the notification was a list of affected engine and vehicle serial numbers. Kalmar provided Cummins with a customer name and address on May 20, 2015. Cummins is using that information to notify owners of the recall and remedy.

Description of Remedy :

Description of Remedy Program : Hose clamps will be installed on both ends of the 90-degree elbow of the breather tube assembly to maintain attachment of the breather tube assembly during high crankcase pressure conditions. In addition, the Electronic Control Module (ECM) will be reprogrammed with software having improved diagnostic capability; this improved diagnostic will limit the engine torque upon detection of engine misfire in order to limit the crankcase pressures. The remedy will be performed by Cummins.

How Remedy Component Differs from Recalled Component : The breather vent tube assembly will be different due to the addition of two hose clamps. The ECM software with the improved diagnostics will have a unique part number.

Identify How/When Recall Condition was Corrected in Production : Engines delivered after April 14, 2015 have the clamps and the ECM calibration with the improved diagnostics.

Recall Schedule :

Description of Recall Schedule : Cummins Inc has stated that "owner notification will commence promptly after receipt of the vehicle OEMs' customer contact information". Kalmar provided the needed customer contact information on May 20, 2015.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported