

# Part 573 Safety Recall Report

# 16V-429

**Manufacturer Name :** Spartan Motors USA

**Submission Date :** OCT 28, 2016

**NHTSA Recall No. :** 16V-429

**Manufacturer Recall No. :** 16016



## Manufacturer Information :

Manufacturer Name : Spartan Motors USA

Address : 1541 Reynolds Road

Charlotte MI 48813

Company phone : 517-543-6400

## Population :

Number of potentially involved : 15

Estimated percentage with defect : 100 %

## Vehicle Information :

Vehicle 1 : 2017-2017 Spartan Motors USA, Inc. K3 and Gladiator

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : K3 models affected by this recall are incomplete chassis to be completed as motor homes. Gladiator models affected by this recall are incomplete chassis cabs to be completed as emergency response vehicles. Both of which are equipped with a Cummins ISX15 engine subject to Cummins' recall 16E-047

Production Dates : APR 18, 2016 - JUN 07, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : Cummins, Inc. indicated 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 : An unexpected engine stall without the ability to restart the engine may lead to an increased risk of an accident.

Description of the Cause : Cummins indicated in 16E-047, engines are washed after assembly/test and prior to being painted. During the 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 the 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 : The engine may stall without warning.

## Supplier Identification :

### Component Manufacturer

Name : Cummins, Inc.  
Address : 500 Jackson Street  
Columbus INDIANA 47202  
Country : United States

## Chronology :

On June 7, 2016, Spartan Motors USA, Inc. was notified of Cummins recall 16E-047 and was provided an engine serial number list for affected ISX engines. Spartan identified the list of affected vehicles. On June 8, 2016, Spartan contained all affected incomplete vehicles at its facilities. On the same day, Spartan determined a defect which relates to motor vehicle safety exists in the remaining vehicles.

## Description of Remedy :

Description of Remedy Program : Cummins, Inc. will replace the existing Engine Control Module (ECM) with a new (remedy) ECM

How Remedy Component Differs from Recalled Component : 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 : Spartan quarantined all affected incomplete vehicles at its facilities for Cummins representative changed the ECM.

## Recall Schedule :

Description of Recall Schedule : NR  
Planned Dealer Notification Date : JUN 10, 2016 - JUN 10, 2016  
Planned Owner Notification Date : JUN 22, 2016 - JUN 22, 2016

\* NR - Not Reported