

Part 573 Safety Recall Report

18V-165

Manufacturer Name : Autocar, LLC**Submission Date :** MAR 13, 2018**NHTSA Recall No. :** 18V-165**Manufacturer Recall No. :** ACX-1801**Manufacturer Information :**

Manufacturer Name : Autocar, LLC

Address : 551 S WASHINGTON STREET
HAGERSTOWN IN 47346

Company phone : 765-489-5499

Population :

Number of potentially involved : 1,320

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2014-2018 Autocar Xpeditor

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : CNG/LPG

Descriptive Information : Autocar Xpeditors equipped with a factory installed methane detection system with a production date after May 16, 2013.

Production Dates : MAY 16, 2013 - FEB 14, 2018

VIN Range 1 : Begin : 5VCACSLE1EH216269 End : 5VCACLE1JC226832 Not sequential**Description of Defect :**

Description of the Defect : The circuit protection of a factory installed methane detector is inadequate based on the sensor harness wire gauge. Improper routing of the harness can also lead to it becoming damaged, causing an overcurrent condition.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If an overcurrent condition occurs, the fuse may not open before the power wire harness overheats, which could lead to a fire.

Description of the Cause : Inadequate circuit protection and possible improper routing of the methane detector sensor wire harness.

Identification of Any Warning that can Occur : The methane detector could cease to function.

Supplier Identification :**Component Manufacturer**

Name : NR
Address : NR
NR
Country : NR

Chronology :

16 February 2018 - Autocar is notified by a customer of a methane detector wiring harness being compromised by overheating. This was discovered while troubleshooting the methane detector because it had ceased to function. Evidence of electrical arcing was found around the damaged harness. 19 February 2018 - An Autocar field service technician traveled to the customer site to investigate and inspect all trucks at the location. 21 February 2018 - The design of the methane detector harness was reviewed and it was discovered that the circuit protection was inadequate. 22 February 2018 - Autocar initiates a containment of all trucks with a methane detector and begins rework. 6 March 2018 - Out of an abundance of caution, Autocar decides to conduct a Safety Recall.

Description of Remedy :

Description of Remedy Program :	Autocar will voluntarily initiate an owner notification and recall of all affected vehicles. Autocar will distribute to owners of affected vehicles an Owner Notification Letter which will describe the defect and provide instructions for scheduling repair of the vehicle at no cost to the owner.
How Remedy Component Differs from Recalled Component :	A three amp fuse will be installed in place of a ten amp fuse.
Identify How/When Recall Condition was Corrected in Production :	A containment action was initiated at the factory on 22 February 2018. An improvement was made in the routing of the harness and production associates trained to the new standard on 22 February 2018.

Recall Schedule :

Description of Recall Schedule :	Dealer and owner notification will start on 13 April 2018 and end on 16 April 2018.
Planned Dealer Notification Date :	APR 13, 2018 - APR 16, 2018
Planned Owner Notification Date :	APR 13, 2018 - APR 16, 2018

* NR - Not Reported