

Part 573 Safety Recall Report

16V-769

Manufacturer Name : ARBOC Specialty Vehicles, LLC**Submission Date :** OCT 20, 2016**NHTSA Recall No. :** 16V-769**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : ARBOC Specialty Vehicles, LLC

Address : 51165 Greenfield Parkway

Middlebury IN 46540

Company phone : 574-825-1720

Population :

Number of potentially involved : 18

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2016-2016 ARBOC SV Spirit of Liberty

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Rear Run Box Function

Production Dates : NOV 07, 2014 - JUL 29, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : On certain vehicles the rear run safety switch (lockout) was not wired properly. This allows the vehicle to start with the possibility of a mechanic working on the engine.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : This could increase the risk of mechanic safety causing injury and/or death.

Description of the Cause : Electrical mis-wiring into the power distribution module (PDM)

Identification of Any Warning that can Occur : The Switch function should be:

a. Front - Vehicle will only start from the front (driver compartment) - checks to perform:

- i. With the switch in the Front position (up), start the vehicle from the front. It should work.
- ii. With the switch in the Front position (up), attempt to engine start the vehicle from the rear. It should NOT work.

b. OFF - Vehicle will NOT start from either the front (driver compartment) or the rear (engine compartment) - checks to perform:

- i. With the switch in the OFF position, attempt to start the vehicle from the front. It should NOT work.

ii. With the switch in the OFF position, attempt to ignition start the vehicle from the rear. It should NOT work.

C. Rear - Vehicle will only start from the rear (engine compartment) - checks to perform:

i. With the switch in the Rear position (down), attempt to start the vehicle from the front. It should NOT work.

ii. With the switch in the OFF position (down), attempt to ignition start the vehicle from the rear. It should work.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On September 30, 2016 a quality inspection noted the rear run box was not operating correctly. The engineering department was contacted and through investigation it was discovered wiring done incorrectly. New instructions were given and bus was corrected.

Description of Remedy :

Description of Remedy Program : Repair Instruction drawn up and can be completed if Recall # is issued. If bus functions correctly then warranty claim should be submitted through the ARBOC Dealer Portal, noting no further changes were required. If any functions of the rear run box are incorrect, repair facility should proceed with instruction section for re-wiring. If re-wire is necessary repair shop should proceed with repair and file warranty claim through ARBOC Dealer Portal when completed, outline repair performed.

How Remedy Component Differs from Recalled Component : This is not a component failure. It is a manufacturing wiring error. If bus is wired correctly, switch function will match what is outlined in the Warning area of this form. Also outlined on repair instructions.

Identify How/When Recall Condition was Corrected in Production : On September 30, 2016 a quality inspection noted the rear run box was not operating correctly. The engineering department was contacted and through investigation it was discovered wiring done incorrectly. New instructions were given and bus was corrected.

Recall Schedule :

Description of Recall Schedule : Once we hear back on this submission we will add Recall number to repair instructions and start mailings/e-mails on 10-24-16 and conclude by 10-28-16 to affected dealers/owners.

Planned Dealer Notification Date : OCT 24, 2016 - OCT 28, 2016

Planned Owner Notification Date : OCT 24, 2016 - OCT 28, 2016

* NR - Not Reported