

Part 573 Safety Recall Report

16V-309

Manufacturer Name : Eldorado National-Kansas**Submission Date :** JUN 08, 2016**NHTSA Recall No. :** 16V-309**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Eldorado National-Kansas

Address : 1655 Wall Street

Salina KS 67401

Company phone : (913) 392-2171

Population :

Number of potentially involved : 2

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2016-2016 Ford Advantage / Aerotech

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Freedman Recall 16E-037 reports, that during an FMVSS 222 forward performance test on Family and Freedman 3pta Seats containing hex head cap screws, that the tests were non-compliant as the seat studs fractured during the tests causing the seat to separate from the base frame.

Production Dates : JAN 15, 2016 - JAN 29, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Freedman Recall 16E-037 reports, that during an FMVSS 222 forward performance test on Family and Freedman 3pta Seats containing the subject non-compliant hex head cap screws, the tests were non-compliant as the seat studs (3/8" - 24 x 1" hex head cap screws, grade 8, part #454922) fractured during the tests causing the seat to separate from the base frame.

FMVSS 1 : 222 - School bus passenger seating and crash protection

FMVSS 2 : NR

Description of the Safety Risk : Freedman Recall 16E-037 reports, that the seat may separate from the base frame during a vehicle crash.

Description of the Cause : Freedman Recall 16E-037 reports, the hex head cap screws, 3/8" - 24 x 1", grade 8 were improperly manufactured by S&S International, Inc. resulting in a material flaw that can reduce the strength of the screw.

Identification of Any Warning that can Occur : Freedman Recall 16E-037 reports, that seat studs may fracture during normal use, and that Freedman Seating has not been able to duplicate this through fatigue testing.

Supplier Identification :

Component Manufacturer

Name : Freedman Seating Company
Address : 4545 W. Augusta Blvd
Chicago ILLINOIS 60651
Country : United States

Chronology :

Freedman Recall 16E-037 reports, the subject nonconforming hex head cap screws were received by Freedman from S&S International on January 15, 2016. The subject hex head cap screws were removed from Freedman's production floor and quarantined on January 20, 2016. Freedman then conducted testing of its seats with the subject nonconforming hex head cap screws to FMVSS 222 and discovered that the seats which included the subject hex head cap screws failed. Freedman has also concluded that the ICS Seats may present a defect relating to safety as they may not be compliant to FMVSS 213 given the dynamic nature of this test. Based on in-process production times for the subject seats, Freedman has determined that no bus seats were manufactured with the subject nonconforming hex head cap screws after January 29, 2016. Therefore, although Freedman's investigation is continuing, Freedman has determined that seats containing the nonconforming hex head cap screws were manufactured between 4 pm on January 15, 2016 and January 29, 2016.

Description of Remedy :

Description of Remedy Program :	Freedman Recall 16E-037 reports, that Freedman Seating will notify its customers who have received Family, Family 3pta and ICS Seats that were shipped between 1/15/2016 after 4 pm and 1/29/2016. Non-compliant seats will be replaced with new seats. Contact Freedman Seating Company, 4545 W. Augusta Blvd., Chicago, Illinois, 60651; or by Phone: 773-524-2440; or by FAX: 773-524-7450.
How Remedy Component Differs from Recalled Component :	Freedman Recall 16E-037 reports, that the remedy seat assembly will utilize seat studs that comply with Freedman's specification to meet FMVSS 222 and FMVSS 213 requirements.
Identify How/When Recall Condition was Corrected in Production :	Freedman Recall 16E-037 reports, that on January 20, 2016 Freedman issued a Nonconforming Material Report to S&S International, removed the subject screws from the production floor and quarantined the subject screws. On January 22, 2016 Freedman received a replacement shipment of conforming hex head cap screws from S&S International. Freedman conducted torque testing and FMVSS 222 testing on seats using these hex head cap screws with compliant results.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : JUN 08, 2016 - JUN 08, 2016

Planned Owner Notification Date : JUN 08, 2016 - JUN 08, 2016

* NR - Not Reported