

Part 573 Safety Recall Report

24E-026

Manufacturer Name : Freedman Seating Company

Submission Date : MAR 14, 2024

NHTSA Recall No. : 24E-026

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Freedman Seating Company

Address : 4545 West Augusta BLVD

Chicago IL 60651

Company phone : 8004434540

Population :

Number of potentially involved : 769

Estimated percentage with defect : 15 %

Equipment Information :

Brand / Trade 1 : Freedman Seating Co

Model : 2place GO-ES Space Save Foldaway Seat

Part No. : 88335

Size : NR

Function : passenger seat

Descriptive Information : The sales history for this seat was generated for the mentioned timeframe and an error rate was estimated based on the rejection rate we observed on the production floor in final seat assembly.

Production Dates : DEC 11, 2023 - JAN 31, 2024

Brand / Trade 2 : Freedman Seating Co

Model : 2place GO-ES Space Save Foldaway Seat

Part No. : 89316

Size : NR

Function : passenger seat

Descriptive Information : same as for 88335

Production Dates : DEC 11, 2023 - JAN 31, 2024

Brand / Trade 3 : Freedman Seating Co

Model : 1place GO-ES Space Save Foldaway Seat

Part No. : 102860

Size : NR

Function : passenger seat

Descriptive Information : same as for 88335

Production Dates : DEC 11, 2023 - JAN 31, 2024

Brand / Trade 4 : Freedman Seating Co
Model : 1place GO-ES Space Save Foldaway Seat
Part No. : 102861
Size : NR
Function : passenger seat
Descriptive Information : same as for 88335
Production Dates : DEC 11, 2023 -JAN 31, 2024

Description of Noncompliance :

Description of the Noncompliance : The seat back may not support an FMVSS 210 shoulder belt load when it is in the fully reclined position.
FMVSS 1 : 210 - Seat belt assembly anchorages
FMVSS 2 : NR

Description of the Safety Risk : If the seat back recliner mechanism is not fully engaged the seat back could release when a substantial load is applied to the shoulder belt potentially increasing the risk of injury to the seat occupant during a vehicle crash.

Description of the Cause : Incorrect welding process and use of welding fixtures.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

During an FMVSS 207/210 test in the company's test lab on 1/26/2024, the 2place GO-ES Spacer Saver Foldaway Seat was unable to sustain the test load on the shoulder belts. Seat back adjusted position forward under load when the seat back was in fully reclined position. Investigation of the production processes for these seats on 1/29/2024 determined the welding fixtures for the recliner mechanism were not being used properly. An experienced welder who had been welding this component left the company on December 8, 2023. Welder who took over this process was not effectively trained in the use of the welding fixtures and neglected to use the additional fixture that was needed to accurately locate the recliner mechanism relative to the seat back stop.

Description of Remedy :

Description of Remedy Program : Freedman will notify those vehicle builders who purchased seats and Freedman will provide a Seat Inspection & Repair Procedure. Freedman will reimburse the cost of any repairs relating to this recall at no cost to the vehicle manufacturer, dealer or owner. The recall will begin in May 2024. The remedy will consist of a visual inspection of the recliner mechanism lever when the seat back is in the upright and reclined positions. Instructions have been developed for this inspection and in how to determine if the seat requires rework. If the seat requires rework, instructions have been provided on how to do this. Seat disassembly nor no new parts are required.

How Remedy Component Differs from Recalled Component : The position of the recliner mechanism handle for the remedy component will be in the same position when the seat back is in the upright and the reclined positions.

Identify How/When Recall Condition was Corrected in Production : The production welder was trained on the correct use of the welding fixtures. Also, the welding fixture was modified to make it easier to use. Finally, there is a quality check during final seat assembly to verify recliner mechanism is fully engaged in reclined position of the seat back.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR
Address : NR
NR
Country : NR
Company Phone : NR

* NR - Not Reported