

Part 573 Safety Recall Report

23V-817

Manufacturer Name : Textron Specialized Vehicles

Submission Date : DEC 05, 2023

NHTSA Recall No. : 23V-817

Manufacturer Recall No. : FSB03-23



Manufacturer Information :

Manufacturer Name : Textron Specialized Vehicles

Address : 1451 Marvin Griffin Road

Augusta GA 30906

Company phone : 7067994768

Population :

Number of potentially involved : 67

Estimated percentage with defect : 3 %

Vehicle Information :

Vehicle 1 : 2024-2024 Cushman Hauler Pro LSV

Vehicle Type : LIGHT VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles were determined by reviewing and analyzing incident data along with other field data and engineering testing and analysis. All Hauler Pro LSV models are included in the affected products.

Production Dates : FEB 27, 2023 - DEC 04, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Internal components of battery composite module are not adequately protected from water ingress. Water entering the composite module from rain or washing results in damage to internal circuitry and current leakage between cell rows. When coupled with an optional cell module to add increased range, these conditions can lead to the fire incidents.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Fire

Description of the Cause : Mechanical design of Hauler Pro allows for water to get on the battery modules. When this is combined with composite battery modules that have compromised cases, water can enter the composite battery module.

Identification of Any Warning that can Occur : Vehicle may shut down prior to a fire incident. All known incidents occurred while vehicle was parked. Some were "on charge" and others were not.

Involved Components :

Component Name 1 : COMPOSITE MODULE, ADVB2

Component Description : Lithium Ion battery module with integrated battery management system

Component Part Number : 695788

Supplier Identification :

Component Manufacturer

Name : Samsung SDI America

Address : 4121 North Atlantic Blvd.
Auburn Hills Michigan 48326

Country : United States

Chronology :

We have received 7 reports of fire regarding Off-Road Hauler Pro ELiTE vehicles, first date of loss was July 19, 2023, but TSV did not get detail on the incident until early September. We received subsequent reports of similar incidents in September and October, all on Off-Road Hauler Pro ELiTE vehicles with offboard chargers. We reported to CPSC and Transport Canada in Mid-September. On November, 16, 2023 we received notice of an incident in Jamaica that had occurred on November 15th. This incident was also on an Off-Road Hauler Pro ELiTE, but the subject unit was with an onboard charger. We were able to complete a site inspection of this unit on 11/30. Investigations, analysis of the issue and the site inspection of the unit in Jamaica led us to conclude that certain on-road LSVs that share many characteristics with the off-road Hauler Pro vehicles should be included in customer notifications and any recall actions. Hauler Pro ELiTE LSV vehicles have very similar electrical systems and are structurally similar in relevant aspects to the non-LSV Hauler Pro incident vehicle with onboard charger. All Hauler Pro LSV models are included in the affected products.

Description of Remedy :

Description of Remedy Program : Remedy is not developed at this time. We are preparing notifications for customers along with risk reduction actions that can be taken.

How Remedy Component Differs NR
from Recalled Component :

Identify How/When Recall Condition NR
was Corrected in Production :

Recall Schedule :

Description of Recall Schedule :	We are currently putting together dealership and customer notification messages. We will provide planned dates in the very near future.
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	NR - NR

* NR - Not Reported