

Part 573 Safety Recall Report

25V-206

Manufacturer Name : Shyft Group**Submission Date :** APR 03, 2025**NHTSA Recall No. :** 25V-206**Manufacturer Recall No. :** 25-08**Manufacturer Information :**

Manufacturer Name : Shyft Group

Address : 1541 Reynolds Road

Charlotte MI 48813

Company phone : 517-543-6400

Population :

Number of potentially involved : 23

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2025-2025 Blue Arc BA4L-800

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : The basis for this recall was determined by using battery serial numbers supplied by Our Next Energy, Inc. for the batteries subject to their recall 25E022 and correlating to the affected VIN's.

Production Dates : JAN 27, 2025 - FEB 25, 2025

VIN Range 1 : Begin : 7SUCU1KP5SC006017 End : 7SUCU1KP5SC006048

☒ Not sequential**Description of Defect :**

Description of the Defect : An unseated fastener may exist along the center spline of the battery pack. This condition can create a leak path into the battery pack, potentially compromising the electrical isolation or creating a high voltage short circuit (localized heating within the battery pack).

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Per the equipment manufacturer's report 25E022, under certain conditions, foreign substance can enter the battery pack causing a loss of electrical isolation. This condition may lead to gases venting from the battery pack, smoke, battery fire, or shock hazard.

Description of the Cause : NR

Identification of Any Warning that can Occur : An amber or red warning icon will be displayed on the dashboard if the Battery Management System (BMS) internally detects a foreign substance creating an isolation fault and sends a corresponding DTC signal to the vehicle. The DTC can be recalled by a scan tool. If the isolation fault is severe enough as determined by the BMS during a vehicle start, an error message will also be

displayed "Drive System Fault Charging and Propulsion Disabled".

Involved Components :

Component Name 1 : High Voltage Batteries

Component Description : Battery, HV, Aries 79kWh

Component Part Number : 70002690-A

Supplier Identification :

Component Manufacturer

Name : Our Next Energy, Inc.

Address : 45145 W. 12 Mile Road

Novi Michigan 48375

Country : United States

Chronology :

On March 20, 2025, Shyft received notice from ONE identifying the potential for "center-line" fasteners to not be seated (not properly torqued) and requesting to inspect batteries in inventory. Stop Ship put in place to initiate containment. On March 21, 2025, both Shyft and ONE reviewed ONE's dFMEA, specifically the severity ranking (ONE's ranking = 10) and ONE expressed the scope of the problem is all batteries built in Novi. Shyft then began correlating the battery serial numbers to the affected vehicles and their respective Vehicle Identification Numbers (VIN's) to begin inspections. On March 26, 2025, ONE contacted Shyft, indicating they would be filing a formal recall w/NHTSA. On March 28, 2025, Shyft rec'd ONE's defect information report filed with the NHTSA. After confirming the affected VIN's had been identified that were out of our direct control, on March 31, 2025, Shyft determined a defect related to motor vehicle safety could exist in those vehicles.

Description of Remedy :

Description of Remedy Program :	Suspect packs will be vacuum leak tested with negative pressure, while installed in vehicle. Serial numbers will be tracked on a containment work sheet. If failure is found 1) Check for Isolation 2) Remove suspect battery from vehicle 3) HIPOT Test 4) Pull lid for evidence of water 5) If water found - De-Energize Pack and return to ONE and replace with new battery... If pass all checks- reassemble top cover, vacuum leak test, and confirm pack is clear of DTC, reinstall in vehicle. All affected vehicles by this recall are within their warranty period and any failures or concerns would be covered through normal course.
How Remedy Component Differs from Recalled Component :	Battery Pack Serial Numbers will be used to distinguish remedy battery packs from recalled battery packs.
Identify How/When Recall Condition was Corrected in Production :	Upon receipt of the initial Quality Bulletin received from the battery supplier, a stop ship was put in place on March 20, 2025 preventing vehicles subject to this condition from being released from Shyft's direct control. The remedy to visually inspect batteries or perform a vacuum leak test in production began on March 21, 2025.

Recall Schedule :

Description of Recall Schedule :	NR
Planned Dealer Notification Date :	APR 18, 2025 - APR 25, 2025
Planned Owner Notification Date :	APR 18, 2025 - APR 25, 2025

* NR - Not Reported