

# Part 573 Safety Recall Report

# 23E-077

**Manufacturer Name :** AMETEK ICVS**Submission Date :** JAN 29, 2024**NHTSA Recall No. :** 23E-077**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : AMETEK ICVS

Address : 27755 Diehl Rd

Suite 300 Warrenville IL 60555

Company phone : 242-8863

**Population :**

Number of potentially involved : 18,239

Estimated percentage with defect : 5 %

**Equipment Information :**

Brand / Trade 1 : Ametek

Model : ICM-200

Part No. : 10059122

Size : 14" x 14" x 2"

Function : Power Managemen

**Descriptive Information :** The issue reported is a software issue that could cause the ICM to reset during operation of the vehicle. The reset happens in less than one second and only affects operation if the implementation from the customer (OEM) uses a state machine to hold values. Depending on the function using the state machine, the severity can vary. The bug was introduced in software released on a certain day and was corrected on a certain day. Those dates create a fence around the population. Depending on the customer implementation, this issue could cause no functional problem with the end vehicle or it could be a safety issue. The OEM needs to make this determination.

Production Dates : OCT 01, 2021 - SEP 08, 2022

**Description of Defect :**

**Description of the Defect :** Per the OEM: the ICM has a software issue that may cause loss of key safety functions such as head lamps or windshield wipers. The exact possible issue on the vehicle needs to be determined by the OEM

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** The OEM will need to determine the safety risk based on their implementation of the software running on the ICM. The exact manifestation of the issue is dependent on the customer implementation of the software. AMETEK did not provide the ICM software for the customer. The customer

provided the instruction set that dictates what the ICM is responsible for and how it will work. AMETEK cannot assess the risk of injury, crash, or fire. The OEM will have to supply that information.

Description of the Cause : The software issue that causes the ICM to reset is related to how certain CAN messages are handled. The issue is infrequent and unpredictable.

Identification of Any Warning that can Occur : no warning would be given

## Involved Components :

Component Name : software  
Component Description : software  
Component Part Number : N/A

## Supplier Identification :

### Component Manufacturer

Name : AMETEK  
Address : 27755 Diehl Rd  
Warrenville Illinois 60555  
Country : United States

## Chronology :

NOTE: OEM is responsible for quarterly and annual reports.  
Note: The first Identified customer above has already filed a recall. Report number 23V-062  
Issue was Introduced to the field on 10/1/21  
Issue was corrected 9/8/22  
Issue first reported by customer on 11/8/22  
Shyft issued a recall on 2/9/23  
AMETEK contacted by NHTSA 5/3/23  
Numerous emails back and forth and a phone call to understand what AMETEK obligation was.  
NHTSA sent link to portal 9/25/23  
NHTSA provided instructions via phone to AMETEK 10/3/23  
AMETEK filed report 10/10/23

**Description of Remedy :**

Description of Remedy Program : Software update

How Remedy Component Differs from Recalled Component : Software version

Identify How/When Recall Condition was Corrected in Production : this information would need to come from the OEM

**Recall Schedule :**

Description of Recall Schedule : This information would need to come from the OEM

Planned Dealer Notification Date : DEC 31, 2030 - DEC 31, 2030

Planned Owner Notification Date : DEC 31, 2030 - DEC 31, 2030

**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 : Blue Bird Corporation

Address : 402 Blue Bird Blvd  
Fort Valley GA 31030

Country : US

Company Phone : NR

Name : The Shyft Group

Address : 1541 Reynolds Road  
Charlotte MI 48813

Country : US

Company Phone : NR

\* NR - Not Reported