



U.S. Department of Transportation  
**National Highway Traffic Safety  
Administration**

1200 New Jersey Avenue SE  
Washington, DC 20590

September 13, 2023

Ms. Sarah Atchison  
President/CEO  
Midwest Fire Equipment & Repair Company  
901 Commerce Road  
PO Box 524  
Luverne, MN 56156

NEF-107DC  
23V-624

**Subject:** Loss of Drive Power from Software Error

Dear Ms. Atchison:

This letter serves to acknowledge Midwest Fire Equipment & Repair Company's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to Federal law for the product(s) listed below. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

**Makes/Models/Model Years:**

MIDWEST FIRE/ALL-POLY SERIES/2022-2023

**Mfr's Report Date:** September 7, 2023

**NHTSA Campaign Number:** 23V-624

**Components:**

ELECTRICAL SYSTEM:SOFTWARE  
POWER TRAIN:AUTOMATIC TRANSMISSION

**Potential Number of Units Affected:** 19

**Problem Description:**

Midwest Fire Equipment & Repair Company (Midwest Fire) is recalling certain 2022-2023 All-Poly Series Tanker-Pumper fire trucks, equipped with a split-shaft transmission and a Class 1 Es-Key multiplex system. A software error may cause a shift from road gear to pump gear, resulting in a loss of drive power.

**Consequence:**

A sudden loss of drive power can increase the risk of a crash.

**Remedy:**

Midwest Fire will provide a USB and instructions to reprogram the multiplex system software, free of charge. Owner notification letters are expected to be mailed on October 15, 2023. Owners may contact Midwest's customer service at 1-800-344-2059.

**Notes:**

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to [www.nhtsa.gov](http://www.nhtsa.gov).



We have received Midwest Fire's proposed owner notification letter and it is currently under review. You will be notified of any changes or concerns once our review is complete.

**Please ensure the following requirements are met:**

An identification and description of the risk to motor vehicle safety reasonably related to the defect or noncompliance (49 CFR 573.6 (c)(5)). All filings should state an increased risk of either a crash, injury or fire.

**AMENDED 573 REQUIRED.**

Per the requirements of 49 USC 30119, please provide the part number, name and description of the component or components involved in this recall. This information should be provided in an amended 573 in the "Involved Components" section.

**AMENDED 573 REQUIRED.**

Please be reminded of the following requirements:

Copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

Please be reminded that under 49 U.S.C. § 30112(a)(3), it is illegal for a manufacturer, to sell, offer for sale, import, or introduce or deliver into interstate commerce, a motor vehicle or item of motor vehicle equipment that contains a safety defect once the manufacturer has notified NHTSA about that safety defect. This prohibition does not apply once the motor vehicle or motor vehicle equipment has been remedied according to the manufacturer's instructions.

As stated in 49 U.S.C. § 30118(f), submission of eight consecutive quarterly reports followed by three annual reports is required. As described in 573.7, submission of the first of eight consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on, or before, 30 days after the close of the calendar quarter. The first of three consecutive annual status reports will be due on, or before, 1 year after the eighth quarterly report was submitted.

Midwest Fire Equipment & Repair Company's contact for this recall will be Debora Crews who may be reached by email at [debora.crews@dot.gov](mailto:debora.crews@dot.gov). We look forward to working with you.

Sincerely,



Alex Ansley  
Chief, Recall Management Division  
Office of Defects Investigation  
Enforcement