



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

1200 New Jersey Avenue SE
Washington, DC 20590

December 1, 2022

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

NEF-107MR
22V-853

Subject: Software May Prevent Shift Between Operation Modes

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/2021-2022

Mfr's Report Date: November 18, 2022

NHTSA Campaign Number: 22V-853

Components:

POWER TRAIN:AUTOMATIC TRANSMISSION

Potential Number of Units Affected: 11

Problem Description:

Midwest Fire Equipment & Repair Company (Midwest) is recalling certain 2021-2022 All-Poly Series fire trucks fire trucks equipped with a split-shaft transmission. The Class1 Es-Key multiplex system software may prevent shifting between road-to-pump and pump-to-road modes.

Consequence:

The inability to shift modes may delay emergency response, increasing the risk of injury.

Remedy:

Midwest Fire will provide instruction and hardware needed to reprogram the multiplex system software, free of charge. Owner notification letters are expected to be mailed on December 15, 2022. 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.



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.

Your company's program shall include a plan for reimbursing an owner or purchaser who incurred costs to obtain a remedy for the problem addressed by the recall within a reasonable time in advance of your company's notification of owners, purchasers and dealers, in accordance with § 573.13. Your company's plan may incorporate by reference a general reimbursement plan it previously submitted to NHTSA, together with information specific to the individual recall. Information required by § 573.13 that is not in a general reimbursement plan shall be submitted in your company's report to NHTSA. If your company submits one or more general reimbursement plans, your company shall update each plan every two years (§ 573.13). If the vehicles are new and would be covered under the manufacturer's warranty program, please state that in the remedy section of your filing.

AMENDED 573 REQUIRED.

As required in Part 573.6(c)(6), in the case of a defect, please provide a chronology of all principal events that were the basis for the determination that the defect related to motor vehicle safety, including a summary of all warranty claims, field or service reports, and other information (such as the numbers of deaths and/or injuries), with their dates of receipt.

AMENDED 573 REQUIRED.

Per the requirements of 573.6(c)(2)(iv), please provide the supplier name, contact information, address and country of origin (if known) for the affected component(s). If your company manufactured the component itself, then please state so in 573.

AMENDED 573 REQUIRED.

We have received and approved Midwest's proposed owner notification letter.

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 Part 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.

Midwest Fire Equipment & Repair Company's contact for this recall will be Michelle Rice who may be reached by email at michelle.rice@dot.gov. We look forward to working with you.

Sincerely,

A handwritten signature in black ink that reads "Alex Ansley". The signature is fluid and cursive, with a checkmark-like flourish at the end.

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