



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

1200 New Jersey Avenue SE
Washington, DC 20590

April 23, 2025

Jeff Garber
Consultant
Motiv Power Systems
330 Hatch Drive
Foster City, CA 94404

NEF-107SS
25V-262

Subject: Electrical Short Can Cause Loss of Drive Power

Dear Jeff Garber:

This letter serves to acknowledge Motiv Power Systems'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:

MOTIV/F-59 SCHOOL BUS/2020

Mfr's Report Date: April 18, 2025

NHTSA Campaign Number: 25V-262

Components:

ELECTRICAL SYSTEM:PROPULSION SYSTEM:FUSES, RELAYS, CONTACTS, AND SHUNTS
STRUCTURE:CRITICAL FASTENERS

Potential Number of Units Affected: 3

Problem Description:

Motiv Power Systems, Inc. (Motiv) is recalling certain 2020 F-59 school buses equipped with a Motiv Gen 5 EPIC powertrain. A support bracket may fatigue and break, allowing the main power disconnect to contact other structures and short.

Consequence:

An electrical short can shut down the high voltage system, resulting in a loss of drive power and increasing the risk of a crash.

Remedy:

Motiv field support technicians will replace the bracket, free of charge. Owner notification letters are expected to be mailed June 13, 2025. Owners may contact Motiv customer service at 1-650-458-4804.

Notes:

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 888-327-4236 (TTY 888-275-9171) or go to [nhtsa.gov](https://www.nhtsa.gov).

Please be reminded of the following requirements:



You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, 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.

Motiv Power Systems's contact for this recall will be Sarah Shiver who may be reached by email at sarah.shiver@dot.gov. We look forward to working with you.

Sincerely,



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