



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

1200 New Jersey Avenue SE
Washington, DC 20590

March 5, 2024

Mr. Jeffery Marsee
Chief Representative, Emission and Safety
Isuzu Motors Limited
46401 Commerce Center Drive
Plymouth, MI 48170-2473

NEF-107HG
24V-157

Subject: Overloaded Electrical Circuit from Wiring Damage

Dear Mr. Marsee:

This letter serves to acknowledge Isuzu Motors Limited'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:

CHEVROLET/6500XD/2020-2024
CHEVROLET/7500XD/2023-2024
ISUZU/FTR/2019-2024
ISUZU/FVR/2022-2024

Mfr's Report Date: February 28, 2024

NHTSA Campaign Number: 24V-157

Components:

ELECTRICAL SYSTEM
FORWARD COLLISION AVOIDANCE: SENSING SYSTEM: CAMERA

Potential Number of Units Affected: 2,891

Problem Description:

Isuzu Motors Limited (Isuzu) is recalling certain 2019-2024 FTR, 2020-2024 Chevrolet LCF 6500XD, 2022-2024 FVR, and 2023-2024 Chevrolet LCF 7500XD vehicles equipped with a Mobileye Collision Warning System. The Mobileye camera cable may have been routed improperly, which can result in wiring damage and an overloaded electrical circuit.

Consequence:

Overloaded electrical circuits can overheat, increasing the risk of fire. In addition, wiring damage may cause a loss of turn signal, hazard lights, and/or collision system function, increasing the risk of a crash.

Remedy:

Dealers will inspect and reroute the Mobileye camera cable or replace the Mobileye camera cable and T-harness, as necessary, free of charge. Owner notification letters are expected to be mailed March 29, 2024. Owners may contact Isuzu customer service at 1-866-441-9638. Isuzu's number for this recall is V2401.

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 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.

Isuzu Motors Limited's contact for this recall will be Hensly Guerra who may be reached by email at hensly.guerra1@dot.gov. We look forward to working with you.

Sincerely,



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

Part 573 Safety Recall Report

24V-157

Manufacturer Name : Isuzu Motors Limited**Submission Date :** FEB 28, 2024**NHTSA Recall No. :** 24V-157**Manufacturer Recall No. :** V2401**Manufacturer Information :**

Manufacturer Name : Isuzu Motors Limited

Address : 46401 Commerce Center Drive

Plymouth MI 48170-2473

Company phone : 6344648

Population :

Number of potentially involved : 2,891

Estimated percentage with defect : 22 %

Vehicle Information :

Vehicle 1 : 2019-2024 ISUZU FTR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : This recall applies to all MY 2019~2024 Isuzu F-Series trucks equipped with port installed option "I4V" Mobileye Collision Warning System, which is a passive system (audible and visual warnings and alerts, but no effect on vehicle controls such as braking, changing lanes, etc.). [2769 vehicles]

Production Dates : NOV 05, 2018 - JAN 29, 2024

VIN Range 1 : Begin : 54DK6S166KSG00968 End : 54DK6S1F6RSA04155 Not sequential

Vehicle 2 : 2022-2024 ISUZU FVR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : This recall applies to all MY 2019~2024 Isuzu F-Series trucks equipped with port installed option "I4V" Mobileye Collision Warning System, which is a passive system (audible and visual warnings and alerts, but no effect on vehicle controls such as braking, changing lanes, etc.). [26 vehicles]

Production Dates : OCT 28, 2021 - NOV 02, 2023

VIN Range 1 : Begin : 54DM6S1F0NSB50117 End : 54DM6S1F0RSB03403 Not sequential

Vehicle 3 : 2020-2024 CHEVROLET LCF 6500XD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : This recall applies to all MY 2019~2024 Isuzu F-Series trucks equipped with port installed option "I4V" Mobileye Collision Warning System, which is a passive system (audible and visual warnings and alerts, but no effect on vehicle controls such as braking, changing lanes, etc.). [92 VEHICLES]

Production Dates : MAY 20, 2019 - DEC 05, 2023

VIN Range 1 : Begin : 54DKFS167LSG50036 End : 54DKFS1F1RSA03639 Not sequential

Vehicle 4 : 2023-2024 CHEVROLET LCF 7500XD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : This recall applies to all MY 2019~2024 Isuzu F-Series trucks equipped with port installed option "I4V" Mobileye Collision Warning System, which is a passive system (audible and visual warnings and alerts, but no effect on vehicle controls such as braking, changing lanes, etc.). [4 VEHICLES]

Production Dates : OCT 12, 2022 - OCT 06, 2023

VIN Range 1 : Begin : 54DMFS1F6PSB51405 End : 54DMFS1FXRSB03067 Not sequential

Description of Defect :

Description of the Defect : In the affected vehicles, the Mobileye camera cable extends from the centrally mounted windshield camera to the left A-pillar of the vehicle. In some of the subject vehicles, the Mobileye camera cable was installed in a manner that allowed the cable to become damaged either by the dash mounting bolts, the steel dash support bracket or by the dash itself. In the event the camera cable is damaged, the potential exists for the turn signal indicator wire, in the cable, to become grounded to the vehicle cab. If this condition occurs, when using the turn signal(s) or hazard lights, up to 15 amps of unexpected current can flow into this circuit. This will result in a buildup of heat within two diodes in the T-harness located under the left side of the dash. Continued operation of the turn signal(s) or hazard lights results in gradual failure of the diode(s) due to excess current. The diode(s) can become hot enough to ignite the T-harness insulating material, resulting in a fire.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the turn signal indicator wire in the Mobileye camera cable is grounded, one or more of the following events could occur – in each case, increasing the risk of a fire or crash:

- The hazard lights may illuminate when the driver applies either the

left or right turn signal.

- The turn signals and hazard lights may not function when the driver applies them.
- The Mobileye system may cease to function and display an error code, or no longer provide the driver with any collision avoidance information on the display.
- Smoke or fire may occur under the left side of the dash.

Description of the Cause : During installation of the Mobileye camera cable some workers inadvertently misrouted the cable; if misrouted, the cable can become damaged by the dash or upper dash bolts during the dash reinstallation. For vehicles with properly routed cables, no defect exists.

Identification of Any Warning that can Occur :

- The activation of the vehicle's hazard lights, when either the left or right turn signal is activated.
- The turn signal or hazard lights will not activate due to a failed F-26 15-amp fuse.
- An error code displayed on the Mobileye display, or no display shown.
- An electrical burning smell.
- Smoke from under the left side of the dash.

Involved Components :

Component Name 1 : Mobileye 6, Mobileye 8 Camera Cable

Component Description : HARNESS ASM; LANE DEPARTURE WRNG, CAMERA

Component Part Number : 8975421260, CAB000400

Component Name 2 : T-Harness

Component Description : HARNESS ASM; LANE DEPARTURE WRNG, T-HARNESS

Component Part Number : 8975421250

Supplier Identification :

Component Manufacturer

Name : Mobileye

Address : 1350 Broadway Suite 1600
New York New York 10018

Country : United States

Chronology :

Chronology uploaded separately.

Description of Remedy :

Description of Remedy Program : Dealers will be required to inspect the Mobileye camera cable. If the cable is undamaged, the dealer will reroute the cable to a revised location within the dash that does not contain any potential pinch or bolt damage points. If the turn signal indicator wire within the cable is damaged, the dealer will remove and replace the Mobileye camera cable and T-harness, then reroute the cable to the revised location. For vehicles that previously had this condition repaired which were not covered by warranty Isuzu will reimburse the customer for the cost of the repair.

How Remedy Component Differs from Recalled Component : Both components are identical and there is no defect in the component itself. The remedy involves ensuring the cable routing is changed within the dash to eliminate any potential pinch or damage points and/or replacing the parts that have been damaged as a result of the improper routing.

Identify How/When Recall Condition was Corrected in Production : A Stop Ship was placed on Isuzu F-Series and Chevrolet 6500/7500XD vehicles equipped with Mobileye on February 26, 2024. All trucks processed after this have the Mobileye camera harness routed to the new approved location, which eliminates the pinch points and potential for damage from the dash bolts or dash.

Recall Schedule :

Description of Recall Schedule : Isuzu and Chevrolet will notify their respective vehicle owners and dealers of this recall. They will be informed that the recall inspection and repair will be done free of charge. Remedy parts are not available to repair vehicles that fail the inspection. Therefore, the first Owner Letter (i) will ask owners to promptly make an appointment with their Dealer for an inspection and (ii) will inform owners that, if damage is found as a result of the improper routing, they will receive a second letter asking them to bring their vehicles back to the Dealer when replacement parts become available. The first recall owner notification is expected on or about 3/29/2024. For additional information, Isuzu owners may contact Isuzu Customer Relations at 1-866-441-9638 and Chevrolet owners may contact the GM Medium Duty Truck assistance line at 1-800-862-4389.

Planned Dealer Notification Date : FEB 28, 2024 - MAY 28, 2024

Planned Owner Notification Date : MAR 29, 2024 - JUN 27, 2024

* NR - Not Reported