



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

**1200 New Jersey Avenue SE
Washington, DC 20590**

September 08, 2025

25V568

Steve Limtiaco
Mazda North American Operations
1421 Reynolds Avenue
Irvine, CA 92614-5531

Subject: Inaccurate Fuel Gauge Reading

Dear Steve Limtiaco:

This letter serves to acknowledge Mazda North American Operations'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:

MAZDA/CX-90/2024-2025
MAZDA/CX-70/2025

Mfr's Report Date: September 02, 2025

NHTSA Campaign Number: 25V568

Components:

ELECTRICAL SYSTEM:BODY CONTROL MODULE:SOFTWARE
ELECTRICAL SYSTEM:INSTRUMENT PANEL:FUEL GAUGE:FUEL LEVEL FLOAT/SENSOR/SENDING
UNIT

Potential Number of Units Affected: 104,854

Problem Description:

Mazda North American Operations (Mazda) is recalling certain 2024-2025 CX-90 and 2025 CX-70 mild hybrid electric vehicles (MHEV). The fuel gauge in the instrument cluster may display an inaccurate fuel reading.

Consequence:

An inaccurate fuel gauge may result in the vehicle unexpectedly running out of fuel and stalling, increasing the risk of a crash.

Remedy:



Dealers will update the body control module (BCM) software, free of charge. Owner notification letters are scheduled to be mailed November 1, 2025. Owners may contact Mazda customer service at 1-800-222-5500 Option 6. The manufacturer's number for this recall is 78251.

The information in your report suggests that Mazda may have been aware of this issue more than five business days before filing a report with NHTSA. Please be reminded that under Federal law, this agency is to be notified of all safety defect and/or noncompliance decisions within five business days. 49 CFR 573.6 Significant civil penalties can be assessed for this violation.

Notes:

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-888-275-9171), or go to www.nhtsa.gov.

Please ensure the following requirements are met:

Chronology Not Supplied

As required by 49 CFR §573.6, amend the chronology to provide 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 number of deaths and/or injuries) with their dates of receipt. In the case of a noncompliance, provide the test results and other information used to determine the existence of the noncompliance, including the date of each test and observation that indicated that a noncompliance might or did exist. Submit this information through an amended Part 573 report through the recalls portal. If additional space is needed, please upload as a separate miscellaneous document.

AMENDED 573 REQUIRED.

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.

Mazda North American Operations's contact for this recall will be DeMara Magruder who may be reached by email at demara.magruder@dot.gov. We look forward to working with you.

Sincerely,

Alex Ansley

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