



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

1200 New Jersey Avenue SE  
Washington, DC 20590

September 9, 2024

Yasukuni Fukai  
Mazda North American Operations  
3-1 Shinchi, Fuchu-cho  
Aki-gun 7308670

NEF-107DM  
24V-649

**Subject:** Forward Sensing Camera Malfunction

Dear Yasukuni Fukai:

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-30/2024  
MAZDA/CX-50/2025  
MAZDA/MAZDA3/2024

**Mfr's Report Date:** September 3, 2024

**NHTSA Campaign Number:** 24V-649

**Components:**

EXTERIOR LIGHTING:HEADLIGHTS  
FORWARD COLLISION AVOIDANCE: AUTOMATIC EMERGENCY BRAKING  
LANE DEPARTURE: SENSING SYSTEM: CAMERA

**Potential Number of Units Affected:** 672

**Problem Description:**

Mazda North American Operations (Mazda) is recalling certain 2024 Mazda 3, CX-30, and 2025 CX-50 vehicles. A malfunction in the forward sensing camera (FSC) may prevent the automatic emergency braking system and the lane-keep assist system from functioning. In addition, the headlights will not automatically adjust from high beams to low beams as intended.

**Consequence:**

Automatic braking, steering assist, and headlight control systems that do not function as intended can increase the risk of a crash.

**Remedy:**

Dealers will inspect and replace the forward sensing camera as necessary, free of charge. Owner notification letters are expected to be mailed November 2, 2024. Owners may contact Mazda customer service at 1-800-222-5500, Option 6. Mazda's number for this recall is 6824H.

**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 Mazda'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 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.

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  
Chief, Recall Management Division  
Office of Defects Investigation  
Enforcement