



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

1200 New Jersey Avenue SE
Washington, DC 20590

January 17, 2018

Mr. David Robertson
Group Manager, Environmental, Safety and Powertrain Engineering
Mazda North American Operations
1025 Connecticut Ave, NW
Washington, DC 20036

NEF-150JK
18V-017

Subject: Passenger Frontal Air Bag Inflator May Explode

Dear Mr. Robertson:

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/RX-8/2009-2010

Mfr's Report Date: January 9, 2018

NHTSA Campaign Number: 18V-017

Components:

AIR BAGS:PASSENGER SIDE FRONTAL

Potential Number of Units Affected: 607

Problem Description:

Mazda North American Operations (Mazda) is recalling 2010 Mazda RX-8 vehicles sold, or ever registered, in the states of Arizona, Arkansas, Delaware, District of Columbia, Illinois, Indiana, Kansas, Kentucky, Maryland, Missouri, Nebraska, Nevada, New Jersey, New Mexico, North Carolina, Ohio, Oklahoma, Pennsylvania, Tennessee, Virginia, and West Virginia or "Zone B."

Additionally, unless covered under "Zone B" Mazda is recalling certain 2009 RX-8 vehicles ever registered in the states of Alaska, Colorado, Connecticut, Idaho, Iowa, Maine, Massachusetts, Michigan, Minnesota, Montana, New Hampshire, New York, North Dakota, Oregon, Rhode Island, South Dakota, Utah, Vermont, Washington, Wisconsin, and Wyoming or "Zone C."

These vehicles are equipped with certain air bag inflators assembled as part of the passenger frontal air bag modules used as original equipment or replacement equipment. In the event of a crash necessitating deployment of the passenger frontal air bag, these inflators may explode due to propellant degradation occurring after long-term exposure to absolute humidity and temperature cycling.

Consequence:

An inflator explosion may result in sharp metal fragments striking the driver or other occupants resulting in serious injury or death.

Remedy:

Mazda will notify owners, and dealers will replace the front passenger air bag inflator with an alternate one, free of charge. The recall is expected to begin March 9, 2018. Owners may contact Mazda customer service at 1-800-222-5500. Mazda's number for this recall is 2018A.

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.safercar.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).

As stated in Part 573.7, submission of the first of six 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.

Your contact for this recall will be Jennifer Kruger who may be reached by phone at (202) 366-2461, or by email at jennifer.kruger@dot.gov or through the office email at rmd.odi@dot.gov. We look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer Timian". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jennifer Timian
Chief, Recall Management Division
Office of Defects Investigations
Enforcement