

Part 573 Safety Recall Report

21V-744

Manufacturer Name : Mazda North American Operations**Submission Date :** SEP 24, 2021**NHTSA Recall No. :** 21V-744**Manufacturer Recall No. :** 5121I**Manufacturer Information :**

Manufacturer Name : Mazda North American Operations

Address : 1025 Connecticut Avenue, NW

Suite 910 Washington DC 20036

Company phone : 800-222-5500

Population :

Number of potentially involved : 13,891

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2009-2011 Mazda RX-8

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : - Recall population determined by the production record of vehicles which have subject fuel pump mounting rings installed.

- The following is the affected number by MY/Make/Model:

2009-11MY Mazda RX-8 built at Mazda Motor Corporation?4978?units

2006-07MY Mazda MazdaSpeed6 built at Mazda Motor Corporation: 8913 units

Production Dates : MAR 11, 2008 - MAY 16, 2011

VIN Range 1 : Begin : JM1FE17M590400031 End : JM1FE1T27B0405726

 Not sequential

Vehicle 2 : 2006-2007 Mazda MazdaSpeed6

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : - Recall population determined by the production record of vehicles which have subject fuel pump mounting rings installed.

- The following is the affected number by MY/Make/Model:

2009-11MY Mazda RX-8 built at Mazda Motor Corporation?4978?units

2006-07MY Mazda MazdaSpeed6 built at Mazda Motor Corporation: 8913 units

Production Dates : AUG 04, 2005 - JUN 30, 2007

VIN Range 1 : Begin : JM1GG12L761100056 End : JM1GG12L371110746

 Not sequential

Description of Defect :

Description of the Defect : Fuel may leak from fuel pump mounting rings.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Fuel leakage may result in increased risk of fire in the presence of an ignition source near the vehicle.

Description of the Cause : 1. On RX-8 vehicles, due to insufficient heat resistance at the top side of the fuel tank, the fuel pump mounting rings may deteriorate due to heat exposure from the engine and exhaust pipe. This may lead to cracking of the rings, causing fuel leakage.

2. On Mazdaspeed6 and RX-8 vehicles, improper installation of the fuel pump mounting rings may lead to cracking of the rings, causing fuel leakage.

Identification of Any Warning that can Occur : If fuel leakage occurs, the driver may notice fuel odor or fuel under the vehicle.

Involved Components :

Component Name 1 : Nut,union

Component Description : Fuel pump mounting ring

Component Part Number : BN8F42167

Supplier Identification :**Component Manufacturer**

Name : Kautex Japan

Address : Yano-shin-machi 1-3-50, Aki-ku,
Hiroshima-city, Hiroshima Foreign States 736-0084

Country : Japan

Chronology :

Please refer the attached Chronology of defect

Description of Remedy :

Description of Remedy Program : Owners will be notified by mail and instructed to take their vehicle to a Mazda dealer. Dealers will properly install new fuel pump mounting rings for Mazdaspeed6 and RX-8 vehicles. In addition, dealers will add a thermal insulation pad to the fuel tank on RX-8 vehicles. There will be no charge for this service to vehicle owners. As subject models aren't covered under new vehicle warranty, a reimbursement program will be offered.

How Remedy Component Differs from Recalled Component : The remedy parts are new condition parts which will be properly installed, with an additional heat insulation pad for RX-8 vehicles.

Identify How/When Recall Condition was Corrected in Production : The affected vehicles are no longer in production, therefore, the remedy has not been corrected in production.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on or before September 29, 2021. Mailing of owner notification letters is expected to be completed on or before November 23, 2021.

Planned Dealer Notification Date : SEP 23, 2021 - SEP 23, 2021

Planned Owner Notification Date : NOV 23, 2021 - NOV 23, 2021

* NR - Not Reported