

Part 573 Safety Recall Report

16V-685

Manufacturer Name : Mazda North American Operations**Submission Date :** SEP 21, 2016**NHTSA Recall No. :** 16V-685**Manufacturer Recall No. :** 0216I**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 : 3,849

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2016-2016 Mazda Mazda3

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Plant information; Mazda de Mexico Vehicle Operation
 Av. Hiroshima No. 1000, Complejo Industrial Salamanca, 36875 Salamanca, GTO,
 Mexico

Production Dates : SEP 24, 2015 - OCT 16, 2015

VIN Range 1 : Begin : 3MZBM1X79GM257121 End : 3MZBM1X77GM265511 Not sequential**Description of Defect :**

Description of the Defect : Mazda is recalling certain MY 2016 Mazda3 vehicles manufactured from September 24, 2015 through October 16, 2015. Due to inadequate facility control, the fuel tank may become deformed during manufacturing. In this condition, welding of the recirculation pipe to the fuel tank may be insufficient and lead to a potential fuel leak.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If there is an ignition source near the vehicle, fuel leakage from the recirculation pipe weld may result in increased risk of fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Kautex Textron de Mexico S de RL de CV
Address : Avenida Mineral de Valencia, Lote 1-2
Parque Industrial Santa Fe Interior Sil FOREIGN STATES
Country : Mexico

Chronology :

April 13, 2016 Mazda received the first field report and started an investigation.
May 30, 2016 The part was collected from the field and Mazda confirmed failure of the weld. However, root cause of the failure was not clear, therefore, Mazda continued the investigation.
July 11, 2015 Mazda continued to study the production process at the supplier of the fuel tank and estimated future occurrences.
September 5, 2016 Root cause was determined and Mazda began a review of the affected vehicle range and frequency of occurrences.
September 15, 2016 Mazda decided to conduct a recall for affected MY 2016 Mazda3 vehicles manufactured in a certain period.

Description of Remedy :

Description of Remedy Program : Owners of record will be notified of this issue and instructed to take their vehicles to a Mazda dealer for repair. The lot number of the fuel tank will be checked and, if confirmed to be affected, an inspection of the recirculation pipe weld will be conducted with replacement of the fuel tank as needed. The repair will be performed free of charge to vehicle owners.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : A draft of the planned owner letter will be provided when it becomes available.

Planned Dealer Notification Date : OCT 13, 2016 - OCT 13, 2016

Planned Owner Notification Date : NOV 01, 2016 - NOV 01, 2016

* NR - Not Reported