

Part 573 Safety Recall Report

17V-744

Manufacturer Name : Mazda North American Operations**Submission Date :** JAN 09, 2018**NHTSA Recall No. :** 17V-744**Manufacturer Recall No. :** 1617K**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 : 1,076

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2017 Mazda CX-5

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : NR

Descriptive Information : 1- Recall population was determined from confirmed 2017 CX-5 vehicles with trailer hitch harnesses and unknown vehicles based on parts sales to Mazda dealers.
 2- The harness routing and component dimensions are unique to 2017 CX-5 vehicles.

Production Dates : DEC 27, 2016 - OCT 31, 2017

VIN Range 1 : Begin : JM3KFBDL0H0100044 End : JM3KFBDL5H0228604 Not sequential**Description of Defect :**

Description of the Defect : Mazda has decided to conduct a safety recall on certain MY 2017 CX-5 vehicles manufactured from 12/27/2016 through 10/31/2017. On vehicles with a genuine Mazda accessory trailer hitch harness installed, due to inappropriate routing of the harness, there may be an insufficient clearance between the harness and the main exhaust silencer. If the exhaust silencer makes contact with the harness while driving, harness damage may eventually occur causing harness wires to become short-circuited.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If a trailer harness including tail lamps and/or turn signals is connected in this condition, the trailer's tail lamps and/or turn signals will become inoperative. Therefore, other drivers may not be able to see the driver's intention to slow down, turn, or change lanes. The lighting and indicator equipment on the vehicle itself are not affected by this condition.

Description of the Cause : NR

Identification of Any Warning NR
that can Occur :

Supplier Identification :

Component Manufacturer

Name : Curt Manufacturing
Address : 6208 Industrial Dr., Eau Claire, WI 5470
NR
Country : United States

Chronology :

September 24, 2017 A Mazda employee noticed the lighting of an attached trailer was inoperative during installation inspection at a port facility. This was the first vehicle found with the inoperative trailer lighting condition.

September 25, 2017 The first incident vehicle was inspected and found to have a melted trailer hitch wire harness as well as a blown fuse in the harness circuit. A second vehicle was found to have the same type of harness damage while inspecting other units. The first field report regarding the concern was issued.

September 28, 2017 Mazda began an investigation of the concern.

October 2017 Mazda continued to investigate the nature of the concern.

November 15, 2017 Mazda held a Quality Audit Committee and decided to conduct a recall for the affected vehicles.

Description of Remedy :

Description of Remedy Program : Owners of record will be notified of this issue and instructed to take their vehicles to Mazda dealers for repair. Mazda dealers will inspect the trailer hitch harness and replace it if the harness has been damaged. The harness will also be rerouted away from the exhaust main silencer. The repair will be performed free of charge to owners.

Mazda was able to identify 826 VINs with trailer hitch harness kits through internal systems. However, accessory kits are generally not traceable to unique VINs. For those trailer hitch harness kits that could not be matched to a specific VIN, Mazda will ask dealers to attempt to make contact with original purchasers to notify them of the concern. Dealers will be given copies of owner letters to forward to purchasers.

How Remedy Component Differs from Recalled Component : The remedy component has the same overall design as the recalled component, however, the installation instructions have been modified to route the harness away from the exhaust main silencer.

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| Identify How/When Recall Condition was Corrected in Production : | The recalled part is the trailer hitch wiring harness with part numbers 0000-8E-R07 (Dealer part number) 0000-89-R32 (Port part number). Since affected parts are installed as a port- or dealer-installed accessory, production countermeasures are not applicable. To correct the condition for new installations, trailer hitch harness kits will be reworked with new routing instructions and additional parts. |
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Recall Schedule :

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| Description of Recall Schedule : | Mazda plans to notify dealers on 11/30/2017 and will notify all affected owners on or before 1/20/2018. |
| Planned Dealer Notification Date : | NOV 30, 2017 - NOV 30, 2017 |
| Planned Owner Notification Date : | JAN 20, 2018 - JAN 20, 2018 |

* NR - Not Reported