

Part 573 Safety Recall Report

20V-346

Manufacturer Name : Mazda North American Operations**Submission Date :** JUN 12, 2020**NHTSA Recall No. :** 20V-346**Manufacturer Recall No. :** 4420F**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 : 24,037

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2020-2020 Mazda Mazda3

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : - Recall population determined by the production record of vehicles which may have had the subject front brake caliper installed.

- Similar vehicles not included in this recall are equipped with brake calipers which were assembled with proper torque.

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

MY2020 Mazda Mazda3 built at Mazda de Mexico Vehicle Operation: 7,804 units

Production Dates : OCT 22, 2019 - MAR 06, 2020

VIN Range 1 : Begin : 3MZBPBCM6LM124500 End : 3MZBPBDM9LM138941 Not sequential

Vehicle 2 : 2020-2020 Mazda CX-30

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : - Recall population determined by the production record of vehicles which may have had the subject front brake calipers installed.

- Similar vehicles not included in this recall are equipped with brake calipers which were assembled with proper torque.

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

MY2020 Mazda CX-30 built at Mazda de Mexico Vehicle Operation: 16,233 units

Production Dates : OCT 22, 2019 - MAR 06, 2020

VIN Range 1 : Begin : 3MVDMADL0LM100339 End : 3MVDMBCLXLM132853 Not sequential

Description of Defect :

Description of the Defect : Front brake caliper bolts may loosen and fall off.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Loose or missing brake caliper bolts may cause reduced braking performance and/or caliper interference with wheel rotation, resulting in loss of vehicle control and increasing the risk of a crash.

Description of the Cause : Due to a manufacturing assembly process error, certain brake caliper mounting bolts may not have been tightened to the proper torque specification.

Identification of Any Warning that can Occur : Drivers may hear abnormal grinding or rattling noises due to the brake caliper contacting the wheel and possibly other vehicle components.

Involved Components :

Component Name 1 : Front Brake Caliper

Component Description : Brake Caliper

Component Part Number : DGH9-33980, DGH9-33990, DGK9-33980, DGK9-33990, BDST-33980B,

Supplier Identification :**Component Manufacturer**

Name : Continental Automotive Mexicana S de RL

Address : Circuito San Miguelito Poniente 132

Cd. Satellite Zona Industrial, Delegacion FOREIGN STATES 78423

Country : Mexico

Chronology :

See the attached Chronology.pdf

Description of Remedy :

Description of Remedy Program : Owners will be notified by mail and instructed to take their vehicle to Mazda dealers. Dealers will check the brake caliper bolt tightening torque. If torque is not adequate, the dealer will tighten the caliper mounting bolts to proper specification. If any bolts are missing, the affected brake caliper will be replaced using new parts with properly tightened mounting bolts. There will be no charge for this service to vehicle owners. As subject models are covered under new vehicle warranty, a reimbursement program will not be offered.

How Remedy Component Differs from Recalled Component : The remedy components are replacement brake calipers with properly tightened mounting bolts. The remedy components are only required in cases where the caliper mounting bolts have completely fallen off.

Identify How/When Recall Condition was Corrected in Production : Brake calipers with the improved manufacturing process were installed on vehicles at the assembly plant starting March 6, 2020.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on or before June 17, 2020. Mailing of owner notification letters is expected to be completed on or before 8/11/2020.

Planned Dealer Notification Date : JUN 17, 2020 - JUN 17, 2020

Planned Owner Notification Date : AUG 11, 2020 - AUG 11, 2020

* NR - Not Reported