

Part 573 Safety Recall Report

21V-987

Manufacturer Name : Honda (American Honda Motor Co.)**Submission Date :** FEB 15, 2022**NHTSA Recall No. :** 21V-987**Manufacturer Recall No. :** KN1**Manufacturer Information :****Manufacturer Name :** Honda (American Honda Motor Co.)**Address :** 1919 Torrance Blvd.

Torrance CA 90501

Company phone : 1-888-234-2138**Population :****Number of potentially involved :** 1,022**Estimated percentage with defect :** 100 %**Vehicle Information :****Vehicle 1 :** 2021-2021 Honda Rebel 1100 (CMX1100)**Vehicle Type :****Body Style :****Power Train :** NR

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could potentially experience the problem. All vehicles built from April 10, 2021 through July 22, 2021 are affected. As a process quality improvement effort, inspections have been incorporated to verify the radiator cap outer hook dimensions are within manufacturer specifications and manufacturing components are monitored/checked for excess wear which may affect product tolerances. The new inspection procedures were used on mass production vehicles built starting on August 6, 2021. The number of affected units is 1,022.

Production Dates : APR 10, 2021 - JUL 22, 2021**VIN Range 1 : Begin :**

NR

End : NR☐ Not sequential**Description of Defect :**

Description of the Defect : During the manufacturing process, the die for the radiator cap may have improperly formed the cap's outer hook height, exceeding manufacturing specifications, which may result in a ride-over position of the cap when tightened to the radiator filler neck, creating an insufficient seal.

FMVSS 1 : NR**FMVSS 2 :** NR

Description of the Safety Risk : As a result, hot coolant may leak, potentially injuring the rider, or others, and increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Cap Comp. Rad

Component Description : Rebel 1100 (CMX1100)

Component Part Number : 19037-GEE-7106

Supplier Identification :**Component Manufacturer**

Name : T.RAD Co., Ltd.

Address : 297 Gochi-cho
Higashiomi, Shiga Foreign States

Country : Japan

Chronology :

July 1, 2021

The first occurrence of the issue took place on a Japanese market vehicle where the radiator leaked coolant.

July 2021

After additional occurrences of the issue in the Japanese market, including an injury, Honda began to investigate and analyze the issue.

July 30, 2021

The investigation and analysis revealed the radiator cap's outer hook dimensions exceeded manufacturing specifications, causing the radiator cap to ride-over the radiator filler neck resulting in an insufficient seal between the radiator cap and filler neck. The information was reported to the Tier 1 radiator cap supplier.

August 2, 2021

The Tier 1 supplier inspected production parts and confirmed the existence of parts out of specification mixed with parts within specification. The supplier quarantined the out of specification parts at the facility.

September 2021

Honda further investigated to verify the issue, symptoms, and sealing performance of the radiator cap.

Late-October 2021

Honda identified the cause and symptoms of the radiator cap ride-over condition. Hot coolant from affected vehicles may leak from the radiator reservoir overflow tube or spray from the radiator cap. In addition, Honda investigated the affected population of vehicles, including the US market.

December 9, 2021

Honda determined that a defect related to motor vehicle safety existed and decided to conduct a safety recall.

As of December 14, 2021, Honda has received 0 warranty claims, 0 field reports, and 0 reports of injuries or crashes related to this issue in the US market.

Description of Remedy :

Description of Remedy Program : Registered owners of all affected vehicles will be contacted by mail and asked to take their vehicle to a Honda Powersports dealer. The dealer will replace the radiator cap and refill any lost coolant, for free. Owners who have paid to have these repairs completed at their own expense will be eligible for reimbursement, in accord with the recall reimbursement plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : Dealer notification began on December 16, 2021. Owner notification is expected to begin on or around March 3, 2022.

Planned Dealer Notification Date : DEC 16, 2021 - NR

Planned Owner Notification Date : MAR 03, 2022 - NR

* NR - Not Reported