

# Part 573 Safety Recall Report

# 19V-412

**Manufacturer Name :** Honda (American Honda Motor Co.)**Submission Date :** JUN 04, 2019**NHTSA Recall No. :** 19V-412**Manufacturer Recall No. :** KK3**Manufacturer Information :****Population :**

Manufacturer Name : Honda (American Honda Motor Co.)

Number of potentially involved : 3,898

Address : 1919 Torrance Blvd.

Estimated percentage with defect : 100 %

Torrance CA 90501

Company phone : 1-888-234-2138

**Vehicle Information :**

Vehicle 1 : 2018-2018 Honda CMX300 (Rebel)

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The recall population was determined based on manufacturing records. The manufacturing range reflects all possible motorcycles that could potentially experience the problem. Supplier manufacturing records identified a specific production period of transmission main shafts that were affected by an improper manufacturing process. There is 100% traceability between the suspect parts and the VIN such that similar motorcycles not included in the recall were equipped with good parts. The number of affected units is 96.

Production Dates : JUN 05, 2018 - JUN 05, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2019-2019 Honda CMX300 (Rebel)

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The recall population was determined based on manufacturing records. The manufacturing range reflects all possible motorcycles that could potentially experience the problem. Supplier manufacturing records identified a specific production period of transmission main shafts that were affected by an improper manufacturing process. There is 100% traceability between the suspect parts and the VIN such that similar motorcycles not included in the recall were equipped with good parts. The number of affected units is 424.

Production Dates : OCT 26, 2018 - NOV 09, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2019-2019 Honda CB300R

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The recall population was determined based on manufacturing records. The manufacturing range reflects all possible motorcycles that could potentially experience the problem. Supplier manufacturing records identified a specific production period of transmission main shafts that were affected by an improper manufacturing process. There is 100% traceability between the suspect parts and the VIN such that similar motorcycles not included in the recall were equipped with good parts. The number of affected units is 1,152.

**Production Dates :** JUN 13, 2018 - DEC 08, 2018

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

**Vehicle 4 :** 2018-2018 Honda CBR300R

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The recall population was determined based on manufacturing records. The manufacturing range reflects all possible motorcycles that could potentially experience the problem. Supplier manufacturing records identified a specific production period of transmission main shafts that were affected by an improper manufacturing process. There is 100% traceability between the suspect parts and the VIN such that similar motorcycles not included in the recall were equipped with good parts. The number of affected units is 96.

**Production Dates :** SEP 03, 2018 - SEP 03, 2018

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

**Vehicle 5 :** 2018-2018 Honda CRF250L

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The recall population was determined based on manufacturing records. The manufacturing range reflects all possible motorcycles that could potentially experience the problem. Supplier manufacturing records identified a specific production period of transmission main shafts that were affected by an improper manufacturing process. There is 100% traceability between the suspect parts and the VIN such that similar motorcycles not included in the recall were equipped with good parts. The number of affected units is 1,262.

**Production Dates :** JUN 13, 2018 - NOV 09, 2018

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

**Vehicle 6 :** 2018-2018 Honda CRF250RL Rally

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** The recall population was determined based on manufacturing records. The manufacturing range reflects all possible motorcycles that could potentially experience the problem. Supplier manufacturing records identified a specific production period of transmission main shafts that were affected by an improper manufacturing process. There is 100% traceability between the suspect parts and the VIN such that similar motorcycles not included in the recall were equipped with good parts. The number of affected units is 868.

**Production Dates :** JUN 02, 2018 - OCT 11, 2018

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** A circlip used to secure a transmission gear to the main shaft could detach and allow for gear misalignment. A misaligned gear can: 1) shift the transmission from neutral into gear during engine start, potentially resulting in unexpected motorcycle movement, or 2) seize the transmission and rear wheel while the motorcycle is underway.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** Either condition increases the risk of crash or injury.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** NR

## Supplier Identification :

### Component Manufacturer

**Name :** Musashi Auto Parts Co., Ltd.

**Address :** 60/27 Moo 19 Navanakorn Industrial Estate  
Phaholyothin Road Tumbol Klong Neung Amphur Klong Luang Pathumthani FOREIGN STATES  
12120

**Country :** Thailand

## Chronology :

**January 2019**

The first claim of rear wheel lock was received in the Japanese market. Failed parts analysis confirmed the groove for a gear circlip on the transmission main shaft was out-of-spec. Honda and the transmission main shaft supplier launched a joint investigation.

**February 2019**

A review of manufacturing processes identified the lathe used to machine the transmission main shaft was programmed incorrectly, resulting in an out-of-spec groove. Further process review also revealed the jig used to mount the circlip to the transmission main shaft was inappropriate, which deformed the circlip during assembly. Re-creation tests were performed with the suspect transmission main shafts assembled with a deformed circlip to determine potential consequences.

## March 2019

The first claim from the U.S. market was received, which claimed the motorcycle unexpectedly moved during engine start. Additional investigation was performed at the transmission main shaft supplier as the motorcycle involved in the U.S. market claim was not within the suspect range of potentially affected motorcycles. A separate production period was identified where the programming for the lathe was also incorrect.

## April to May 2019

Re-creation tests concluded that a deformed circlip secured to an inappropriately machined transmission main shaft could detach and result in gear misalignment.

## May 28, 2019

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

As of May 28, 2019, Honda has received two warranty claims and no reports of injuries or crashes related to this issue.

## Description of Remedy :

**Description of Remedy Program :** Registered owners of all affected motorcycles will be contacted by mail and asked to take their motorcycle to a Honda powersports dealer. The dealer will replace the transmission main shaft for free. Because the new motorcycle limited warranty on all affected motorcycles would have provided a free repair for the problem addressed by this recall, without any payment by the owner, reimbursement for pre-notification repairs will not be offered.

**How Remedy Component Differs from Recalled Component :** Transmission main shaft, transmission main shaft, part number: 23211-K33-D000, 23212-K33-D000, 23211-KZZ-9000.

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

## Recall Schedule :

**Description of Recall Schedule :** Dealer notification began on May 31, 2019. Owner notification is expected to begin on or about June 28, 2019.

**Planned Dealer Notification Date :** NR - NR

**Planned Owner Notification Date :** JUN 28, 2019 - NR

\* NR - Not Reported