

# Part 573 Safety Recall Report

# 20V-307

**Manufacturer Name :** Kawasaki Motors Corp., U.S.A.**Submission Date :** MAY 27, 2020**NHTSA Recall No. :** 20V-307**Manufacturer Recall No. :** MC20-02**Manufacturer Information :**

Manufacturer Name : Kawasaki Motors Corp., U.S.A.

Address : PO Box 25252  
Santa Ana CA 92799-5252

Company phone : 949-770-0400

**Population :**

Number of potentially involved : 1,529

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2019-2020 Kawasaki Heavy Industries ZX1002E/F/G

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

**Descriptive Information :** The affected vehicles containing the problem are certain 2019-2020 ZX1002E/F/G models. The recall population was determined by the production beginning and ending date for certain 2019-2020 models affected.

ZX1002E - 760

ZX1002F - 708

ZX1002G - 61

Production Dates : SEP 17, 2018 - FEB 14, 2020

VIN Range 1 : Begin : JKBZXVE17KA000064 End : JKBZXVE1XLA005583

 Not sequential

VIN Range 2 : Begin : JKBZXVF10KA000003 End : JKBZXVF10LA003310

 Not sequential

VIN Range 3 : Begin : JKBZXVG12KA000003 End : JKBZXVG11KA000137

 Not sequential**Description of Defect :**

**Description of the Defect :** On eligible units, the engine control unit (ECU) programming from the factory may cause the engine to backfire when the quick shift function is used at high engine load, resulting in deformation and/or breakage of the air suction valve (s).

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** With continuous use, high temperature exhaust gas may blow back through the damaged air suction valve(s) and melt surrounding parts. In the worst case, it could result in a fire.

**Description of the Cause :** Inappropriate program of the ECU.

Identification of Any Warning None  
that can Occur :

## Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

- Dec 11, 2019 : Kawasaki Heavy Industries, Ltd (KHI) received a report from European distributors (KME) that the high temperature exhaust gas blow back through a damaged air suction valve(s) melted surrounding parts.
- Feb, 2020 : KHI received the vehicle back from KME and observed the melting of surrounding parts.
- Late March, 2020 : KHI confirmed that inappropriate program of the ECU may develop a big combustion force in the exhaust path when the quick shift function is used at high engine load. Therefore, such a high pressure generated by a big combustion force could deform and/or break the air suction valve(s).
- Mid-April – Early May 2020: KHI shutdown due to COVID 19.
- May 20, 2020: KHI decided to initiate a recall campaign.

## Description of Remedy :

Description of Remedy Program : All eligible units require reprogramming of the ECU. Eligible registered units require replacement of the air suction valve(s) and inspection of the surrounding parts. Parts damaged as a result of deformation and/or breakage of the air suction valve(s) should also be replaced.

How Remedy Component Differs from Recalled Component : Add a white mark on the ECU.

Identify How/When Recall Condition was Corrected in Production : Countermeasure ECU is adopted from production on March 24, 2020.

### Recall Schedule :

Description of Recall Schedule : KMC will distribute both electronic and paper copies of a Recall Service bulletin to all Kawasaki motorcycle dealers. KMC will mail the owner notification letter via U.S.P.S. enclosed in an envelope with the statement "Important Recall Safety Information" printed on the outside of the envelope.

Planned Dealer Notification Date : JUN 05, 2020 - JUN 05, 2020

Planned Owner Notification Date : JUN 08, 2020 - JUN 08, 2020

\* NR - Not Reported