

Part 573 Safety Recall Report

21V-593

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

Submission Date : AUG 13, 2021

NHTSA Recall No. : 21V-593

Manufacturer Recall No. : MC21-05



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 : 1,523

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2020-2021 Kawasaki Heavy Industries ZR1000K/L & ZX1002D/J/L/M/N

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The affected vehicles containing the problem are certain 2020 - 2021 ZR1000K/L and ZX1002D/J/L/M/N models. The recall population was determined by the beginning and ending production date for the models affected. ZX1002D (Kawasaki/Ninja H2 SX SE+/2021): 120 units. ZX1002J(Kawasaki/Ninja H2/Ninja H2 Carbon/2020-2021): 30 units. ZX1002L (Kawasaki/Ninja ZX-10R ABS and KRT Edition/2021): 391 units. ZX1002M (Kawasaki/Ninja ZX-10R and KRT Edition/2021): 527 units. ZX1002N (Kawasaki/Ninja ZX-10RR/2021): 50 units. ZR1000K (Kawasaki/Z H2/2020-2021): 324 units. ZR1000L (Kawasaki/Z H2 SE/2021): 81 units.

Production Dates : MAR 26, 2020 - MAR 05, 2021

VIN Range 1 : Begin : JKBZXVD12MA005001	End : JKBZXVD14MA005131	<input checked="" type="checkbox"/> Not sequential
VIN Range 2 : Begin : JKBZXVL1XMA000064	End : JKBZXVL16MA000773	<input checked="" type="checkbox"/> Not sequential
VIN Range 3 : Begin : JKBZXVM13MA000003	End : JKBZXVM11MA000534	<input checked="" type="checkbox"/> Not sequential
VIN Range 4 : Begin : JKBZXVN14MA000025	End : JKBZXVN16MA000138	<input checked="" type="checkbox"/> Not sequential
VIN Range 5 : Begin : JKBZXVJ10LA002147	End : JKBZXVJ14MA003089	<input checked="" type="checkbox"/> Not sequential
VIN Range 6 : Begin : JKAZRCK16LA003823	End : JKAZRCK12MA009510	<input checked="" type="checkbox"/> Not sequential
VIN Range 7 : Begin : JKAZRCL11MA000005	End : JKAZRCL11MA000120	<input checked="" type="checkbox"/> Not sequential

Description of Defect :

Description of the Defect : On eligible units, the components of the relief valve that adjusts the oil pressure of the engine may come off due to improper assembly. When the oil pressure warning indicator is turned on, the engine becomes poorly lubricated. In the worst case, the engine may stop.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Engine seizure.

Description of the Cause : Assembly error.

Identification of Any Warning that can Occur : The oil pressure warning indicator comes on when oil pressure decreases.

Involved Components :

Component Name 1 : VALVE-ASSY-RELIEF

Component Description : Oil pressure relief valve

Component Part Number : 16130-0005, 16130-0012

Supplier Identification :

Component Manufacturer

Name : TAIYO GIKEN KOGYO CO.,LTD.

Address : 45 Tajiri, Shimo-Kawabe, Kawabe-Cho
Kamo-Gun, Gifu-Pref Foreign States 509-0306

Country : Japan

Chronology :

March 2021: Kawasaki Heavy Industries, Ltd (KHI) received a report from a Chinese distributor (KMSH) that "the oil pressure warning indicator turned on while an operator was driving the ZX1002J. When the engine was disassembled, the circlip was removed from the body of the relief valve and the connecting rod was seized."

- March 2021: KHI had a meeting with the relief valve manufacturer. KHI instructed the relief valve manufacturer to check its inventory for problems.
- March 2021: It was confirmed that the circlip would not come off during engine operation if the circlip was fitted correctly. When the circlip was forcibly removed, however, it was deformed and the relief valve body was damaged near the circlip groove.
- April 2021: KHI inspected the failed parts from KMSH in China and found that the circlip was not deformed and that there were no scratches near the circlip groove of the relief valve body. Therefore, the parts were returned to the relief valve manufacturer and the relief valve manufacturer was instructed to conduct a detailed investigation.
- July 2021: The relief valve manufacturer's investigation found that it was possible that the circlip did not fit securely due to the improper adjustment of the manufacturer's jig in December 2019.
- July 26, 2021 : KHI decided to initiate a recall campaign.

Description of Remedy :

Description of Remedy Program : All eligible units require replacement of the relief valve.

How Remedy Component Differs from Recalled Component : Add a yellow mark at the beginning of the frame number.

Identify How/When Recall Condition was Corrected in Production : Since March 8, 2021, the relief valve manufacturer has done additional confirmation of its manufacturing process to ensure that the circlip is fitted properly.

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 : AUG 20, 2021 - AUG 20, 2021

Planned Owner Notification Date : AUG 23, 2021 - AUG 23, 2021

* NR - Not Reported