

Part 573 Safety Recall Report

25V-195

Manufacturer Name : Honda (American Honda Motor Co.)

Submission Date : MAR 27, 2025

NHTSA Recall No. : 25V-195

Manufacturer Recall No. : KR9



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 : 3,316

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 2024-2025 Honda ADV160

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The recall population was determined based on manufacturing records and supplier part production records. The production range reflects all possible vehicles that could experience the problem.

Production Dates : MAR 22, 2023 - NOV 06, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Due to improper design of the oil pump driven gear and improper finishing of the timing sprocket, the oil pump driven gear can wear abnormally. With continued operation, the wear may worsen until the oil pump no longer can rotate, resulting in insufficient piston lubrication, engine seizure, and ultimately, a loss of drive power or inability to restart the engine.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the scooter loses drive power while being ridden, the risk of a crash or injury are increased.

Description of the Cause : Excessive shot blasting roughened the surface of the steel timing gear, leading to abnormal wear on the facing polymer oil pump driven gear. Additionally, cooling during the polymer gear moulding process deformed the inner diameter of the oil pump driven gear, resulting in a tapered shape. This taper led to misalignment of the gears during operation, increasing runout and accelerating gear tooth wear.

Identification of Any Warning that can Occur : Abnormal noise from the engine.

Involved Components :

Component Name 1 : GEAR, OIL PUMP DRIVEN (35T)

Component Description : GEAR, OIL PUMP DRIVEN (35T)

Component Part Number : 15133-K2S-N000

Supplier Identification :

Component Manufacturer

Name : TAKEI PLASTIC (THAILAND) CO., LTD.

Address : 139, Khlong Chik

Bang Pa-in District Foreign States 13160

Country : Thailand

Chronology :

August 5, 2022

Honda received a market quality report of the issue in the Thailand market and began to investigate.

March 22, 2023

Honda started mass production of the 2024 model year ADV160 for the US market.

March 20, 2024

Honda started mass production of 2025 model year ADV160 for the US market. At this time, Honda applied a redesigned oil pump driven gear to improve quality.

July 16, 2024

Honda received a market quality report of the issue in the US market and continued to investigate and analyze the issue.

July 17, 2024

The supplier of the timing sprocket drive gear implemented an improved shot blasting process.

January 7, 2025

Honda continued to investigate and analyze the issue.

March 6, 2025

Honda analyzed the potential for the issue to cause a seizure of the engine.

March 21, 2025

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

As of March 21, 2025, Honda has had 28 warranty claims in the US, and no reports of injuries or deaths related to this issue from March 22, 2023, through March 19, 2025.

Description of Remedy :

Description of Remedy Program : Registered owners of all affected scooters will be contacted by mail and asked to take their scooter to an authorized Honda Powersports dealer. The dealer will replace the oil pump driven gear with a redesigned part.

Owners who have paid to have these repairs completed at their own expense may be eligible for reimbursement, in accord with the recall reimbursement plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : The remedy oil pump driven gear is produced from a more durable material and its mold structure has been redesigned.

Identify How/When Recall Condition was Corrected in Production : As part of a quality improvement measure, the oil pump driven gear was redesigned at the start of 2025 model year production (3/20/2024). Although 2025 model year scooters were manufactured with the improved part, they are included in the affected population because they could have been repaired with service parts that had not received an improved part.

Recall Schedule :

Description of Recall Schedule : Dealer notification began and ended on or about 3/24/2025. Owner notification is scheduled to begin and end on or about 5/26/2025.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : MAY 26, 2025 - MAY 26, 2025

* NR - Not Reported