

Part 573 Safety Recall Report

23E-068

Manufacturer Name : Hyundam Industrial

Submission Date : JUN 10, 2024

NHTSA Recall No. : 23E-068

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Hyundam Industrial

Address : 29, Yeongni-gil Yeongin-myeon

Asan-si 00 31424

Company phone : 41 539 7345

Population :

Number of potentially involved : 308,165

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : Hyundam Industrial

Model : Fuel Pump

Part No. : See Part Numbers

Size : N/A

Function : Fuel Supply

Descriptive Information : The low-Pressure fuel pump is located in the fuel tank and supplies fuel pressure to the fuel injection system.

Production Dates : JAN 08, 2021 - FEB 04, 2022

Description of Defect :

Description of the Defect : Certain fuel pump impellers produced from certain lots between January 2021 and February 2022 might exhibit deformation while vehicles are in operation.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If there is deformation of the fuel pump impeller, it may lead to a failure of the fuel pump, in which case the vehicle could lose propulsion, which may increase the risk of crash or injury.

Description of the Cause : The fuel pump impellers produced from certain lots between January 2021 and February 2022 were made of certain raw materials which were at lower levels than the raw materials used in other lots, and when such characteristics were combined with environmentally-linked conditions such as high ambient temperature, deformation of the fuel pump impeller may occur.

Identification of Any Warning that can Occur : Before the fuel pump is switched off, the driver may be made aware of a malfunction by a warning message in the instrument cluster and might notice the engine running rough.

Involved Components :

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A9074705500

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A4474704001

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A1674700394

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A1674704500

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A1674706900

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A2054702702

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A2054704900

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A2054708501

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A2064700202

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A2064704401

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A2064704501

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A2234703301

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A2234709601

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A2324700000

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A4634705900

Component Name : Fuel Delivery Module

Component Description : NR

Component Part Number : A2544702300

Component Name : Fuel Pump Module

Component Description : NR

Component Part Number : 31120T1000

Component Name : Fuel Pump Module

Component Description : NR

Component Part Number : 31120T6000

Component Name : Fuel Pump Module

Component Description : NR

Component Part Number : 31120AR000

Component Name : Fuel Pump Module

Component Description : NR

Component Part Number : 31110T1050

Component Name : Fuel Pump Module

Component Description : NR

Component Part Number : 31110D2000

Supplier Identification :

Component Manufacturer

Name : Hyundam Industrial
Address : 29, Yeongni-gil Yeongin-myeon
Asan-si Foreign States
Country : Korea, Republic of

Chronology :

On September 18, 2023, Hyundam submitted Recall Report 23E-068. Hyundam amended its Recall Report on October 10, 2023 to specify the estimated percentage of products with defect. Between October 2023 and December of 2023, Hyundam continued to inspect and evaluate fuel pumps recovered by Hyundai and Mercedes-Benz.

Additional investigation continued into early 2024, which resulted in additional raw material lots of the sub-supplier identified as being potentially affected by the subject condition. Hyundam continued to work with Hyundai and Mercedes-Benz to monitor and evaluate fuel pumps containing product from the additional raw material lots of the sub-supplier. Hyundam decided to amend its recall to address the additional products potentially affected by the subject condition.

Description of Remedy :

Description of Remedy Program : Authorized Mercedes-Benz and Hyundai dealerships will replace the fuel delivery module on the affected vehicles.

How Remedy Component Differs from Recalled Component : Hyundam Industrial Co., Ltd.'s investigation confirmed that fuel pump impellers produced before January of 2021 and after February 2022 were manufactured with raw materials with higher material property values than the fuel pump impellers subject to recall. Furthermore, the remedy components were produced using a different raw material supplier.

Identify How/When Recall Condition was Corrected in Production : Hyundam Industrial Co., Ltd.'s investigation confirmed that fuel pump impellers produced before January of 2021 and after February 2022 were manufactured with raw materials higher material property values than the fuel pump impellers subject to recall. In conjunction with its investigation into the fuel pump impellers, Hyundam Industrial Co. Ltd. began using a different raw material supplier.

Recall Schedule :

Description of Recall Schedule : This will be subject to the recall schedule of the automobile manufacturers. Hyundam Industrial Co., Ltd. does not have dealers or distributors to be notified for the fuel pump modules which are the subject of this recall.

For Mercedes-Benz vehicles, Mercedes-Benz dealers will replace the fuel pump, free of charge. Owners may contact MBUSA customer service at 1-800-367-6372.

Owners of the Genesis vehicles will be notified by first class mail with instructions to bring their vehicles to a Genesis dealer for replacement of the fuel pump at no cost. Owners may contact Hyundai customer service at 1-855-371-9460. Hyundai's number for this recall is 022G.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : Daimler Vans USA, LLC

Address : One Mercedes-Benz Drive
Sandy Springs GA 30328

Country : US

Company Phone : NR

Name : Hyundai Motor

Address : 10550 Talbert Avenue
Fountain Valley CA 92708

Country : US

Company Phone : NR

Name : Mercedes-Benz USA, LLC

Address : 13470 International Parkway
Jacksonville FL 32218

Country : US

Company Phone : NR

* NR - Not Reported