

Part 573 Safety Recall Report

21V-937

Manufacturer Name : Hyundai Motor America**Submission Date :** DEC 02, 2021**NHTSA Recall No. :** 21V-937**Manufacturer Recall No. :** 213**Manufacturer Information :**

Manufacturer Name : Hyundai Motor America

Address : 10550 Talbert Avenue

Fountain Valley CA 92708

Company phone : 800-633-5151

Population :

Number of potentially involved : 76

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2021-2021 Hyundai Accent

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : The subject vehicles include 76 model year 2021 Hyundai Accent vehicles produced on September 21, 2020 through July 1, 2021 by Hyundai Motor Company ("HMC") for sale in the U.S. market.

Production Dates : SEP 21, 2020 - JUL 01, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The brake master cylinder in the subject vehicles may have been produced with sharp edges on one of the master cylinder's secondary inner cup seal seats, resulting in premature wear of the inner cup seal. Worn inner cup seals could reduce hydraulic pressure applied by the master cylinder resulting in reduced braking function at the wheels. The driver may experience longer brake pedal travel, change in pedal feel, and extended stopping distance, increasing the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Extended stopping distance could increase the risk of a crash.**Description of the Cause :** Improper machining of the master cylinder body.

Identification of Any Warning that can Occur : The brake system MIL may illuminate.

Involved Components :

Component Name 1 : Brake Master-Cylinder

Component Description : Master cylinder converting brake pedal actuation to hydraulic pressure for braking.

Component Part Number : 58510-H9260

Supplier Identification :

Component Manufacturer

Name : Mando Corporation Mexico

Address : Blvd. Campestre #301

Parque Industrial Server Arteaga, Coahuila Foreign States 25350

Country : Mexico

Chronology :

November 2021

On November 3, 2021, HMC informed HMA's NASO of an investigation being conducted in Brazil involving certain Hyundai/Kia vehicles for an alleged low brake pedal condition. HMC requested NASO to recover master cylinders on thirty-five (35) Hyundai Accent vehicles based on lot information obtained from the supplier. NASO conducted a review of U.S. market field data and identified one (1) related warranty claim. NASO requested recovery of the incident brake master cylinder; however, the component was lost in transit by the shipper.

On November 19, 2021, HMC informed NASO of its investigation result confirming that certain Hyundai Accent vehicles produced with brake master cylinders from the suspect range could damage the brake master cylinder's inner cup seal resulting in reduced braking function.

Based on this information, on November 23, NASO convened its North American Safety Decision Authority and decided to conduct a safety recall of affected vehicles in the U.S. market.

Regarding field claim counts from all available data sources at the time of the filing, Hyundai is aware of one (1) vehicle that exhibited a braking concern, with a master cylinder replacement repair date of October 19, 2021. Hyundai is not aware of any crashes, fires, or injuries related to the defect condition.

Description of Remedy :

Description of Remedy Program : All owners of the subject vehicles will be notified by first class mail with instructions to bring their vehicles to a Hyundai dealer to have the brake master cylinder replaced. This remedy will be offered at no cost for all affected customers. Hyundai will provide reimbursement to owners for repairs according to the plan submitted on May 16, 2018.

How Remedy Component Differs from Recalled Component : The remedy component has a properly machined brake master cylinder body.

Identify How/When Recall Condition was Corrected in Production : According to supplier quality control records and Hyundai's vehicle production records, vehicles produced from 7/2/2021 were equipped with properly machined brake master cylinder bodies.

Recall Schedule :

Description of Recall Schedule : Dealers and owners will be notified in late January 2022.

Planned Dealer Notification Date : JAN 28, 2022 - JAN 28, 2022

Planned Owner Notification Date : JAN 28, 2022 - JAN 28, 2022

* NR - Not Reported