

Part 573 Safety Recall Report

19V-311

Manufacturer Name : Hyundai Motor America

Submission Date : APR 17, 2019

NHTSA Recall No. : 19V-311

Manufacturer Recall No. : 183



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 : 12,438

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2019 Hyundai Veloster

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : GAS

Descriptive Information : The subject vehicles include certain model year 2019 Hyundai Veloster vehicles produced from February 9, 2018 through January 30, 2019 by Hyundai Motor Company ("HMC") in South Korea.

Production Dates : FEB 09, 2018 - JAN 30, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The driver's door in the subject vehicles could inadvertently open in certain side impact crashes.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A door that has opened during a crash could allow the customer to be ejected from the vehicle and increase the risk of injury.

Description of the Cause : The door latch housing and locking cable could fail under specific side impact conditions.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Kwangjin-Kiekert
Address : Jangan Industrial Complex 2
66-9, Jangan-myeon, Hwaseong-si Gyeonggi-do FOREIGN STATES
Country : Korea, Republic of

Chronology :

On August 31, 2018, the Insurance Institute for Highway Safety (“IIHS”) conducted an accredited side impact crash test on a model year 2019 Hyundai Veloster vehicle. The test was conducted using a moving deformable barrier (“MDB”) at an approximate speed of 50kph 90-degrees perpendicular to the test vehicle. During the crash, the door latch housing and locking cable became damaged causing the door to open. IIHS notified HMC of its findings. HMC began investigating potential causes of the damage to the door components including the test procedure and barrier type being used.

In December 2018, NHTSA conducted an accredited FMVSS side impact crash test. HMC also conducted a series of internal side impact crash tests replicating the conditions of the IIHS test. None of these tests produced the same result of door opening observed in the IIHS test. Nonetheless, HMC began working on an “enhancement” solution to improving the crashworthiness of the IIHS side impact rating.

In March 2019, after concluding its investigation into causality, HMC informed HMA of its findings. Based on this information, HMC decided to conduct a voluntary safety recall to improve the crash performance of the affected vehicles in the U.S. market.

To date, Hyundai is not aware of any related accidents or injuries.

Description of Remedy :

Description of Remedy Program : Hyundai Motor America plans to notify owners of affected vehicles to return their vehicles to Hyundai dealers to replace the door latch assembly (including the locking cable) and lower channel. The procedure will be performed at no charge. Monetary reimbursement to owners for prior related repairs will be made available in accordance with the plan submitted to the agency on May 16, 2018.

How Remedy Component Differs from Recalled Component : The door latch assembly was redesigned and the length of the locking cable was increased. In addition, the lower door channel was redesigned to eliminate the possibility of interference.

Identify How/When Recall Condition was Corrected in Production : The revised door latch assembly and lower channel were implemented in production on January 30, 2019.

Recall Schedule :

Description of Recall Schedule : At the time of this filing, Hyundai tentatively plans to notify dealers and

owners by the dates indicated in this report.

Planned Dealer Notification Date : JUN 14, 2019 - JUN 14, 2019

Planned Owner Notification Date : JUN 14, 2019 - JUN 14, 2019

* NR - Not Reported