

Part 573 Safety Recall Report

18V-496

Manufacturer Name : Hyundai Motor America**Submission Date :** JUL 27, 2018**NHTSA Recall No. :** 18V-496**Manufacturer Recall No. :** 002G**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 : 3,305

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2018 Genesis G80

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : The subject vehicles consist of certain model year 2018 Genesis G80 sedan vehicles produced by Hyundai Motor Company at the Ulsan plant in the Republic of Korea from January 18, 2017 through April 23, 2018. No other Hyundai or Genesis vehicles produced at the same facility and time period for sale or lease in the U.S. contain the same Occupant Classification System coding ("OCS") as the subject vehicles.

Production Dates : JAN 18, 2017 - APR 23, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The subject vehicles are equipped with an Occupant Classification System ("OCS") that classifies the occupant type as an adult, a child, or a child restraint seat. The OCS control module may have been programmed incorrectly during manufacturing causing an erroneous detection of an adult in the passenger seat when unoccupied. As a result, if an infant or child is occupying the front passenger seat, the OCS could fail to deactivate the front passenger airbag. If an adult is occupying the front passenger seat the OCS will function normally.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of a crash, an infant or child occupying the front passenger seat could become injured from the deployment of the front passenger airbag.

Description of the Cause : Incorrect calibration of the OCS.

Identification of Any Warning that can Occur : The "Passenger Air Bag OFF" indicator turns off.

Supplier Identification :

Component Manufacturer

Name : IEE Sensing Korea, Ltd
Address : Room 403, SJ Technoville
60-19 Gasan-dong Kumchon-gu, Seoul FOREIGN STATES
Country : Korea, Republic of

Chronology :

On June 15, 2018, during a routine inspection at the vehicle assembly plant, Hyundai Motor Company ("HMC") found three (3) vehicles indicating an erroneous activation of the passenger air bag while the passenger seat was unoccupied. Hyundai investigated past revisions to the OCS through manufacturing and engineering change records. Hyundai found that an OCS recoding program used in a specific assembly line could incorrectly reset the OCS calibration for heated seats to the calibration for ventilated seats, causing an erroneous activation of the passenger seat even when the seat was unoccupied.

On July 3, 2018, HMC notified HMA of the condition involving certain model year 2018 Genesis G80 vehicles exported for sale or lease in the U.S. HMA conducted a search of all field information and found three (3) warranty claims alleging similar conditions with the OCS. Based on this information and the information received from HMC, on July 20, 2018, HMA convened its Technical Committee with a recommendation to conduct a safety recall.

As of the date of this filing, Hyundai is unaware of any accidents or injuries alleging the subject defect condition in the U.S. market.

Description of Remedy :

Description of Remedy Program : Hyundai Motor America plans to notify owners of affected vehicles to return their vehicles to their Hyundai dealers to reprogram the OCS. The remedy will be performed at no charge.

Hyundai is committed to reimbursing owners for previous out-of-pocket repairs according to the plan submitted to the agency on November 2, 2016; however, the OCS for the vehicles affected by this recall is covered for 5 years or 60,000 miles under Hyundai's new vehicle limited warranty. As owners of these vehicles would not have incurred expenses for the warranted repair as a result of this condition, no notification regarding reimbursement under section 577.11 is necessary.

How Remedy Component Differs from Recalled Component : The new calibration will correctly classify the occupant of the front passenger seat.

Identify How/When Recall Condition was Corrected in Production : The OCS recoding process was replaced with the correct one in production.

Recall Schedule :

Description of Recall Schedule : Dealer and owner notifications will be sent in late August 2018.
Planned Dealer Notification Date : AUG 24, 2018 - AUG 24, 2018
Planned Owner Notification Date : AUG 24, 2018 - AUG 31, 2018

* NR - Not Reported