

Part 573 Safety Recall Report

18V-891

Manufacturer Name : Hyundai Motor America**Submission Date :** DEC 14, 2018**NHTSA Recall No. :** 18V-891**Manufacturer Recall No. :** 179**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 : 86

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2018-2018 Hyundai Elantra GT

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Certain model year 2018 Hyundai Elantra GT vehicles produced between July 20, 2018 and August 13, 2018 by Hyundai Motor Company in the Republic of Korea. This population was determined based on a review of vehicle production historical records.

Production Dates : JUL 20, 2018 - AUG 13, 2018**VIN Range 1 : Begin :**

NR

End : NR Not sequential**Description of Defect :**

Description of the Defect : The subject vehicles are equipped with a panoramic sunroof motor that is programmed to prevent closing of the sunroof when obstructions are detected in its path of travel. Some of the sunroof motors may have been programmed incorrectly during manufacturing resulting in a potential inability to detect certain obstructions while closing the sunroof. If an obstruction is not correctly detected, the motor may delay or fail to retract the moving sunroof.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A failure to properly retract the sunroof when a person or object is in the path of closing could increase the risk of injury.

Description of the Cause : The sunroof motor was programmed with certain incorrect software parameters during manufacturing.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Webasto Donghee
Address : 579-9, Yongyeon-dong
Nam-gu Ulsan FOREIGN STATES 680-150
Country : Korea, Republic of

Chronology :

On November 12, 2018, Hyundai Motor Manufacturing Czech ("HMMC") discovered an abnormality with the automatic movement of the panoramic sunroof during a routine inspection of final assembly parts. HMMC notified the supplier of the discovery and the supplier began an internal investigation of historical production records.

On November 20, 2018, the supplier notified Hyundai Motor Company ("HMC") that a specific production lot was identified as containing certain panoramic sunroof motors that could have been repaired offline with incorrect software. Based on this information, HMC began tracing sunroof motors from the suspect production lot to assembled vehicles while performing replication testing to confirm the phenomenon on-vehicle.

On December 10, 2018, HMC concluded its investigation and notified all regional distributors of the affected vehicles and informed them of their findings. After conducting its own search of related field information, HMA convened its Technical Committee on December 12, 2018 and decided to conduct a voluntary safety recall to address the condition in the subject vehicles.

To date, Hyundai is unaware of any incidents, crashes, or injuries related to this condition.

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 inspect and, if necessary, replace the panoramic sunroof motor with a new one. This procedure will be performed at no charge.

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 new panoramic sunroof motor is programmed with the correct software.

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Dealer and owner notifications will begin February 2019.

Planned Dealer Notification Date : FEB 15, 2019 - FEB 15, 2019

Planned Owner Notification Date : FEB 15, 2019 - FEB 15, 2019

* NR - Not Reported