

Part 573 Safety Recall Report

18V-026

Manufacturer Name : Hyundai Motor America**Submission Date :** JAN 09, 2018**NHTSA Recall No. :** 18V-026**Manufacturer Recall No. :** 172**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 : 87,854

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2006-2011 Hyundai Azera

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Certain model year 2006-2011 Hyundai Azera vehicles produced between October 20, 2004 through December 10, 2010 by Hyundai Motor Company in South Korea.

Production Dates : OCT 20, 2004 - DEC 10, 2010

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2006-2006 Hyundai Sonata

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Certain model year 2006 Hyundai Sonata vehicles produced between May 11, 2004 through December 25, 2005 by Hyundai Motor Company in South Korea.

Production Dates : MAY 11, 2004 - DEC 25, 2005

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The subject vehicles are equipped with an Anti-Lock Brake System ("ABS") module that remains powered on when the vehicle is turned off. If moisture has entered the ABS module (such as from water from high pressure car washes), over time an electrical short could occur inside the ABS module.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If a short circuit occurs inside the ABS module, there could be an increased risk of an engine compartment fire. The service brakes remain operational.

Description of the Cause : Moisture intrusion into the electronic components of the ABS module can cause a short circuit. Because the ABS module has continuous power, a short circuit may occur while the vehicle is parked and the ignition switch is turned off.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Hyundai Mobis
Address : 203, Teheran-ro
Gangnam-gu Seoul FOREIGN STATES 06141
Country : Korea, Republic of

Chronology :

In December 2016, Hyundai Motor Company ("HMC") received a report in the Korean market alleging an overheated condition inside the engine compartment around the ABS module. HMC conducted a global market analysis but did not identify a trend for this condition. A Quality Information Request ("QIR") was issued for the Korean market and HMC initiated a request to recover warranty return parts for analysis. By May 2017 HMC was able to recover and analyze recovered parts. No design or manufacturing flaw was identified in the analyzed parts.

In June 2017, Hyundai Motor America ("HMA") received a report from the United States market alleging illumination of the MIL and smoke inside the engine compartment around the ABS module. The parts were recovered and a QIR was issued for the U.S. market. The parts were sent to HMC for analysis with the supplier.

In November 2017, through recovered parts analysis HMC and the supplier found evidence of an electrical short inside the ABS module potentially caused by moisture leaking into the ABS module and accelerated by the continuous powered state of the module. Based on information from this investigation, on January 3, 2018, HMA decided to conduct a recall in the United States.

Hyundai is not aware of any accidents or injuries related to this condition. Hyundai will continue to monitor incidents in the field and will determine at a later date if further investigation is warranted.

Description of Remedy :

Description of Remedy Program : HMA plans to notify owners of affected vehicles to return their vehicles to their Hyundai dealers to install a relay in the vehicle's main junction box. This procedure will be performed at no charge.

Hyundai will provide reimbursement to owners for repairs according to the plan submitted on November 2, 2016.

How Remedy Component Differs from Recalled Component : With the relay installed the ABS module will power down when the ignition switch is turned OFF.

Identify How/When Recall Condition was Corrected in Production : The affected vehicles are no longer in production.

Recall Schedule :

Description of Recall Schedule : Dealer notifications will begin in January 2018. Owner notifications will begin in late February 2018.

Planned Dealer Notification Date : JAN 12, 2018 - JAN 12, 2018

Planned Owner Notification Date : FEB 23, 2018 - FEB 23, 2018

* NR - Not Reported