

Part 573 Safety Recall Report

18V-137

Manufacturer Name : Hyundai Motor America**Submission Date :** FEB 27, 2018**NHTSA Recall No. :** 18V-137**Manufacturer Recall No. :** 174**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 : 154,753

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2011-2011 Hyundai Sonata

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : As of the date of this filing, Hyundai Motor America ("HMA") is aware of three airbag non-deployment allegations where Electrical Overstress ("EOS") was observed inside the vehicle's airbag control unit ("ACU"). The allegations are limited to early production Model Year 2011 Sonata vehicles produced by Hyundai Motor Manufacturing Alabama ("HMMA"). Therefore certain model year 2011 Hyundai Sonata vehicles produced between December 11, 2009 and September 29, 2010 at the Hyundai Motor Manufacturing Alabama ("HMMA") plant are included in this notification.

Production Dates : DEC 11, 2009 - SEP 29, 2010

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The subject vehicles are equipped with an Airbag Control Unit ("ACU") which detects a crash signal and commands deployment of the airbags and seat belt pretensioner. In some airbag non-deployment allegations, electrical overstress ("EOS") was observed on an Application Specific Integrated Circuit ("ASIC") inside the ACU.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the ACU circuitry is damaged, the airbags and seat belt pretensioners may not deploy in some crashes where deployment is necessary, increasing the risk of injury.

Description of the Cause : As of the date of this filing, EOS was observed on an ASIC inside the ACU. Hyundai is actively investigating the cause of the EOS.

Identification of Any Warning that can Occur : None

Supplier Identification :

Component Manufacturer

Name : ZF TRW
Address : Active & Passive Safety Technology
12001 Tech Center Drive Livonia MICHIGAN 48150
Country : United States

Chronology :

Please see Attachment A for the requested chronology.

Description of Remedy :

Description of Remedy Program : HMA and HMC are actively investigating this issue with the ACU supplier and evaluating a remedy. The remedy 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 : Hyundai is actively evaluating a remedy.

Identify How/When Recall Condition was Corrected in Production : Hyundai is actively evaluating a remedy.

Recall Schedule :

Description of Recall Schedule : Hyundai is actively evaluating a remedy.
Planned Dealer Notification Date : APR 20, 2018 - APR 20, 2018
Planned Owner Notification Date : APR 20, 2018 - APR 20, 2018

* NR - Not Reported