

Part 573 Safety Recall Report

16V-615

Manufacturer Name : Hyundai Motor America**Submission Date :** SEP 14, 2016**NHTSA Recall No. :** 16V-615**Manufacturer Recall No. :** 148**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 : 602

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2016-2016 Hyundai Sonata

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Certain Model Year 2016 Hyundai Sonata vehicles manufactured at Hyundai Motor Manufacturing Alabama produced beginning on March 28, 2016 through April 12, 2016.

Production Dates : MAR 28, 2016 - APR 12, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : The 2016 model year Hyundai Sonata is equipped with an airbag system that is designed to meet the advanced airbag requirements of FMVSS No. 208. During NHTSA's Office of Vehicle Safety Compliance evaluations of 2016 model year Hyundai Sonata, some results exceeded the Nte (tension-extension) component of the Nij neck injury parameter as defined in S26.3 when tested under the procedures of S26.3 (the driver position fifth percentile female unbelted low risk deployment).

This condition affects airbag modules produced for and equipped in certain model year 2016 Hyundai Sonata vehicles produced at Hyundai Motor Manufacturing Alabama beginning on March 28, 2016 through April 12, 2016.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

Description of the Safety Risk : Noncompliance with FMVSS No. 208, S26.3.

Description of the Cause : Testing by Hyundai and its suppliers has confirmed the Nij neck injury readings observed during the subject testing are due to a specific lot of airbag inflator modules.

Identification of Any Warning that can Occur : None

Supplier Identification :

Component Manufacturer

Name : Hyundai Mobis USA
Address : 7000 19 Mile Road
Sterling Heights MICHIGAN 48314
Country : United States

Chronology :

From July 11, 2016 through August 9, 2016, NHTSA's Office of Vehicle Safety Compliance tested a 2016 model year Hyundai Sonata. NHTSA's testing produced inconsistent Nte results described by FMVSS 208 S26.3.

On August 19, 2015, Hyundai filed an initial noncompliance report for Sonata vehicles produced at Hyundai Motor Manufacturing Alabama beginning on February 25, 2016 through May 11, 2016. Due to limited FMVSS 208 S26.3 test data availability at the time the initial noncompliance report was filed, a larger group of vehicles were identified as being potentially noncompliant. This was because a detailed investigation into potentially suspect airbag inflator lots had not been completed. Subsequent testing has since been conducted by Hyundai and its suppliers, and modules with inflators from a specific lot has been identified as being noncompliant. Other inflator lots were tested and are compliant with S26.3 of FMVSS No. 208. Therefore, the affected Sonatas produced at Hyundai Motor Manufacturing Alabama from March 28, 2016 through April 12, 2016 are being recalled. Hyundai is amending this noncompliance report to reflect the updated test data and correct the affected units.

Hyundai is not aware of any accidents or injuries related to this condition.

Description of Remedy :

Description of Remedy Program : Hyundai Motor America will notify all owners of affected vehicles to return to their Hyundai dealer to replace the driver's front airbag module.

Hyundai will provide reimbursement to owners for repairs according to the plan submitted on November 2, 2014.

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : OCT 14, 2016 - OCT 14, 2016

Planned Owner Notification Date : OCT 14, 2016 - OCT 14, 2016

* NR - Not Reported