

Part 573 Safety Recall Report**15V-678****Manufacturer Name :** Hyundai Motor America**Submission Date :** OCT 15,2015**NHTSA Recall No. :** 15V-678**Manufacturer Recall No. :** 134**Manufacturer Information :**

Manufacturer Name : Hyundai Motor America

Address : 10550 Talbert Avenue
Fountain Valley CA 92708

Company phone : 1-855-671-3059

Population :

Number of potentially involved : 64,744

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2015-2016 Hyundai Sonata

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Certain Model Year 2015-2016 Hyundai Sonata Limited vehicles produced beginning on May 28, 2014 through August 21, 2015.

Production Dates : MAY 28, 2014 - AUG 21, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Noncompliance :**

Description of the Noncompliance : The subject vehicles are equipped with a dual-split braking circuit system and separate warning lamps for the foundation Brake System and the Antilock Braking System ("ABS"). The Antilock Braking System ("ABS") control logic in these vehicles could prevent the illumination of the ABS warning lamp during vehicle startup or driving. If an ABS malfunction were to occur while operating the vehicle, the Brake System warning lamp will illuminate but the ABS warning lamp will fail to illuminate. This condition may not comply with certain requirements (S5.5.1 and S7.8) of FMVSS No. 135, Light Vehicle Brake Systems.

FMVSS 1 : 135 - Light vehicle brake systems

FMVSS 2 : NR

Description of the Safety Risk : Although there is no defect involving ABS operation in the subject vehicles, in the event of an ABS functional failure, the ABS warning light will not illuminate. If a manufacturer provides a separate ABS warning lamp, that lamp must illuminate at vehicle start-up and in the event of an ABS electrical functional failure. While the driver would have general knowledge of a brake system

malfunction due to the illumination of the Brake System warning light, the driver would not have knowledge of the precise cause of the failure.

Description of the Cause : These vehicles were programmed with incorrect control logic for the ABS warning lamp.

Identification of Any Warning that can Occur : The Brake System warning lamp will illuminate, and in certain instances, the ESC malfunction telltale may illuminate.

Supplier Identification :**Component Manufacturer**

Name : Continental Automotive Systems

Address : One Continental Dr

Auburn Hills MICHIGAN 48326

Country : United States

Chronology :

Hyundai learned of this issue through an FSE report received in August 2015. On October 1, 2015 a test was conducted to verify ABS malfunction detection in accordance with requirements and test procedures outlined in S5.5.1 and S7.8 of FMVSS No. 135 and using the current ABS control logic used in the subject vehicles, resulting in an inability to illuminate the ABS warning lamp when the power source to the ABS was disconnected. The test results were published and reviewed on October 5, 2015 and on October 13, 2015, Hyundai decided to conduct a noncompliance recall of the subject vehicles.

Description of Remedy :

Description of Remedy Program : Hyundai Motor America will notify owners of affected vehicles to return their vehicles to their Hyundai dealers to update the ABS control software.

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

How Remedy Component Differs from Recalled Component : The ABS control software is an updated version which corrects this condition.

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

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : DEC 11, 2015 - DEC 11, 2015

Planned Owner Notification Date : DEC 11, 2015 - DEC 11, 2015

* NR - Not Reported