

Part 573 Safety Recall Report**14V-368****Manufacturer Name :** Hyundai Motor America**Submission Date :** DEC 10,2014**NHTSA Recall No. :** 14V-368**Manufacturer Recall No. :** 120**Manufacturer Information :**

Manufacturer Name : Hyundai Motor America

Address : 10550 TALBERT AVENUE

FOUNTAIN VALLEY CA 92708

Company phone : 1-714-965-3920

Population :

Number of potentially involved : 16,900

Estimated percentage with defect : 15

Vehicle Information :

Vehicle : 2015-2015 HYUNDAI SONATA

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Certain model year 2015 Sonata vehicles manufactured April 25, 2014, through June 16, 2014.

Production Dates : APR 25, 2014 - JUN 16, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : Hyundai Motor Company (Hyundai) is recalling certain model year 2015 Sonata vehicles manufactured April 25, 2014, through June 16, 2014. Due to a manufacturing error, one or both of the front brake calipers may fracture.

Description of the Safety Risk : If a brake caliper fractures, brake effectiveness would be reduced, lengthening to distance required to stop the vehicle, increasing the risk of a crash.

Description of the Cause : Manufacturing process error which may have affected the fatigue resistance of the brake caliper's cast alloy.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : HM Metal Co., Ltd

Address : 10B5,6L Haman Industrial Complex Sado-ri

Gunbuk-myun Haman-gun, Kyungsangnam-do FOREIGN STATES 660-913

Country : Korea, Republic of

Chronology :

Hyundai Motor Company previously submitted a Defect Information Report to NHTSA on June 24, 2014 regarding a recall campaign of model year 2015 Hyundai Sonata vehicles. At the time of the recall notification, the brake calipers on units within Hyundai's control were inspected utilizing an ultrasonic inspection technique to identify defective calipers. Since the recall notification, Hyundai has learned of an additional three fractured front brake calipers which previously underwent this ultrasonic inspection process (no accidents or injuries have occurred as a result of this condition).

Hyundai now plans to replace all calipers from the suspect lot (date code 4CB), regardless of the prior ultrasonic inspection results. Hyundai is unable to trace individual brake caliper date codes to specific VINs and therefore it will be necessary to inspect all units produced from April 25, 2014 (start of production) through June 16, 2014. Section 573.6(c)(3) is revised, increasing the number of vehicles affected to 16,726 in the United States and 174 in Puerto Rico.

Description of Remedy :

Description of Remedy Program : Hyundai dealers will replace the affected brake calipers, free of charge. Owners may contact Hyundai customer service at 1-800-633-5151.

The front brake calipers for the vehicles affected by this recall are covered for 5 years or 60,000 miles under Hyundai's new vehicle limited warranty. As owners of these vehicles would not have incurred expenses for the warranted repair as a result of this condition, no notification regarding reimbursement under section 577.11 is necessary.

How Remedy Component Differs from Recalled Component : Suspect caliper assemblies produced on March 11, 2014 (date code 4CB).

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

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : DEC 12, 2014 - DEC 12, 2014

Planned Owner Notification Date : JAN 12, 2015 - JAN 12, 2015

* NR - Not Reported