

**Part 573 Safety Recall Report****14V-784****Manufacturer Name :** Hyundai Motor America**Submission Date :** JUN 02,2015**NHTSA Recall No. :** 14V-784**Manufacturer Recall No. :** 126**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 : 208

Estimated percentage with defect : 1

**Vehicle Information :**

Vehicle : 2015-2015 Hyundai Sonata

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 208 model year 2015 Hyundai Sonata vehicles are affected in the United States.

Production Dates : AUG 29, 2014 - OCT 28, 2014

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : As a result of the incorrect axle shaft being installed during vehicle assembly, the left axle shaft may separate from the transaxle's differential.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Separation of the left axle shaft from the transaxle case can result in a loss of motive power or a vehicle moving unintentionally when parked without a fully applied parking brake.

Description of the Cause : NR

Identification of Any Warning that can Occur : Powertrain noise

**Supplier Identification :****Component Manufacturer**

Name : Seohan NTN Driveshaft USA

Address : 246 Teague Ct  
Auburn ALABAMA

Country : United States

**Chronology :**

On November 6, 2014 Hyundai Motor America received contact from a dealer stating one of their 2015 1.6 liter Sonatas would not move when placed in Reverse or Drive, and that noise was coming from the differential area of the transaxle.

On November 7, 2014 Hyundai Motor Manufacturing America (HMMA) was notified of the issue, and a Field Service Engineer was dispatched to inspect the vehicle. Diagnosis revealed the left axle had come out of the transaxle case.

On November 12, representatives from HMMA and the axle shaft vendor inspected the incident vehicle. The left axle shaft and transaxle were replaced to repair the vehicle.

Between November 13 and November 25, 2014 the investigation determined the axle shaft vendor had inadvertently mislabeled and packaged five axle shafts intended for assembly with 2.0 liter Sonatas, and these axle shafts were shipped to HMMA. HMMA inspected 158 units in their storage lot and found one vehicle with the incorrect axle shaft installed. Production records indicated 208 suspect units had been shipped from the factory.

On November 26, 2014 Hyundai launched a preliminary field action instructing dealers to inspect all vehicles in retail stock and any affected units at their facilities for service. On November 28, the Hyundai Consumer Connect began contacting the 12 affected retail customers. Hyundai began the process of inspecting all affected vehicles.

On December 1, 2014 the issue was presented to Hyundai's Technical Committee for review, and the determination was made to conduct a safety recall.

**Description of Remedy :**

Description of Remedy Program : Hyundai dealers will inspect and if necessary, replace the axle shaft.

Hyundai believes the affected population has been contained; however, if additional information becomes available indicating a need to notify affected owners in writing, Hyundai will provide that information in a future communication.

The axle shaft for the vehicles affected by this recall is covered for 10 years or 100,000 miles under Hyundai's new vehicle limited powertrain 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 : NR

Identify How/When Recall Condition was Corrected in Production : The axle shaft vendor has instituted a revised inspection process to include weighing each axle shaft prior to packaging, and strengthened the visual inspection process to prevent a recurrence of this issue. Additionally, the assembly plant revised the final inspection procedures to identify this condition.

**Recall Schedule :**

Description of Recall Schedule : Hyundai believes the affected population will be inspected by 12/12/14; however, if additional information becomes available indicating a need to notify affected owners in writing, Hyundai will provide that information in a future communication.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported