

Part 573 Safety Recall Report**16V-190****Manufacturer Name :** Hyundai Motor America**Submission Date :** MAR 31, 2016**NHTSA Recall No. :** 16V-190**Manufacturer Recall No. :** 143**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 : 173,000

Estimated percentage with defect : 0

Vehicle Information :

Vehicle : 2011-2011 Hyundai Sonata

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Model Year 2011 Hyundai Sonata sedan vehicles produced at Hyundai Motor Manufacturing Alabama beginning on December 11, 2009 through October 31, 2010.

Production Dates : DEC 11, 2009 - OCT 31, 2010

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : The subject vehicles are equipped with electronic power steering (EPS). The EPS motor is located next to the steering column, and additional torque to assist the driver is provided by the electric motor and transferred to the steering shaft via a worm gear. The EPS electronic control unit (ECU) is integrated into the drive assembly. There are three main inputs to the system's ECU; steering wheel torque, steering wheel position (angle), and vehicle speed. Damage to the circuit board can occur resulting in illumination of the EPS warning lamp in the instrument cluster accompanied by a loss of steering assist.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of a malfunction in the EPS' circuitry, the vehicle will revert to a manual steering mode. Steering control can be maintained; however, greater driver effort to steer is required, particularly at low speeds. This could result in an increased risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : Illumination of the red "EPS" warning light in the instrument cluster.

Supplier Identification :**Component Manufacturer**

Name : Mobis

Address : Poseunggongdan-ro 118beon-gil

Poseung-eup, Pyeongtaek-si Gyeonggi-do FOREIGN STATES 451-821

Country : Korea, Republic of

Chronology :

See attached document titled "Hyundai Sonata Electronic Power Steering Chronology.pdf"

Description of Remedy :

Description of Remedy Program : Hyundai Motor America will notify all owners of affected vehicles to return their vehicles to their Hyundai dealer to replace the EPS control unit.

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 : MAY 30, 2016 - MAY 30, 2016

Planned Owner Notification Date : MAY 30, 2016 - MAY 30, 2016

* NR - Not Reported