

**Part 573 Safety Recall Report****15V-100****Manufacturer Name :** Hyundai Motor America**Submission Date :** FEB 17,2015**NHTSA Recall No. :** 15V-100**Manufacturer Recall No. :** 127**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 : 204,768

Estimated percentage with defect : 3

**Vehicle Information :**

Vehicle : 2008-2010 Hyundai Elantra

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Model Year 2008 through 2010 Hyundai Elantra sedan vehicles produced  
beginning on June 01, 2008 through April 30, 2010

Production Dates : JUN 01, 2008 - APR 30, 2010

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2009-2010 Hyundai Elantra Touring

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : GAS

Descriptive Information : Model Year 2009 through 2010 Hyundai Elantra Touring vehicles produced  
beginning on November 1, 2008 through April 30, 2010.

Production Dates : NOV 01, 2008 - APR 30, 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 in to the drive

assembly. There are three main inputs to the system's ECU; steering wheel torque, steering wheel position (angle), and vehicle speed. Two LEDs are used to calculate torque applied to the steering wheel. If the ECU senses a discrepancy in the torque sensing circuitry, an indicator lamp is illuminated in the instrument cluster, a diagnostic code is stored, and steering assist is no longer provided. If the ignition key is cycled off and back on, steering assist is typically restored.

Description of the Safety Risk : Steering control can be maintained; however, the vehicle will revert to a manual steering mode, requiring greater driver effort, 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 : Red "EPS" Warning Light in instrument cluster

#### Supplier Identification :

##### Component Manufacturer

Name : MOBIS

Address : 16, Poseunggongdan-ro 118beon-gil

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

Country : Korea, Republic of

#### Chronology :

See attached document titled "Elantra and Elantra Touring EPS Chronology."

#### Description of Remedy :

Description of Remedy Program : Hyundai Motor America will notify all owners of affected vehicles to return their vehicles to their Hyundai dealers to verify the proper operation of the Electronic Power Steering and update 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 : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported