

# Part 573 Safety Recall Report

# 21V-749

**Manufacturer Name :** Hyundai Motor America**Submission Date :** OCT 06, 2021**NHTSA Recall No. :** 21V-749**Manufacturer Recall No. :** 210**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 : 469,377

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2015-2017 Hyundai Sonata

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

**Descriptive Information :** The subject vehicles include 432,981 model year 2015-2017 Hyundai Sonata vehicles produced on May 2, 2014 through August 17, 2016 by Hyundai Motor Manufacturing Alabama ("HMMA") for sale in the U.S. market.

**Production Dates :** MAY 02, 2014 - AUG 17, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2016-2017 Hyundai Sonata Plug-In Hybrid

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

**Descriptive Information :** The subject vehicles include 3,082 model year 2016-2017 Hyundai Sonata Plug-In Hybrid vehicles produced on December 22, 2014 through December 21, 2017 by Hyundai Motor Company ("HMC") for sale in the U.S. market

**Production Dates :** DEC 22, 2014 - DEC 21, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2016-2017 Hyundai Sonata Hybrid

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : The subject vehicles include 33,314 model year 2016- 2017 Hyundai Sonata Hybrid vehicles produced on December 15, 2014 through December 27, 2017 by Hyundai Motor Company ("HMC") for sale in the U.S. market.

Production Dates : DEC 15, 2014 - DEC 27, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : The Smart Junction Box ("SJB") software logic may not properly interpret the signals received from the multifunction switch in certain circumstances. As a result, the turn signal may intermittently activate in the opposite direction of what was intended by the driver, thereby increasing the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A turn signal that activates in the opposite direction of what was intended by the driver increases the risk of a crash.

Description of the Cause : The Smart Junction Box software logic may improperly interpret the signals received from the multifunction switch.

Identification of Any Warning that can Occur : If the condition occurs, the unintended turn signal direction will be visible to the driver on the instrument cluster.

## Involved Components :

Component Name 1 : Junction Box Assy-Smart

Component Description : Smart Junction Box

Component Part Number : 91950-C1020, 91950-E6010, 91950-E6030

## Supplier Identification :

### Component Manufacturer

Name : YURA Corporation

Address : 308, Pangyo-ro

Bundang-gu, Seongnam-si Gyeonggi-do Foreign States 13494  
Country : Korea, Republic of

**Chronology :**

Please see Attachment A for the requested chronology.

**Description of Remedy :**

Description of Remedy Program : Hyundai Motor America plans to notify owners of affected vehicles to return their vehicles to their Hyundai dealers to have the Smart Junction Box software logic updated. The remedy procedure will be performed at no charge. Hyundai will provide reimbursement to owners for repairs according to the plan submitted on May 16, 2018.

How Remedy Component Differs from Recalled Component : The Smart Junction Box software logic has been improved to prevent the activation of a turn signal that was not intended by the driver.

Identify How/When Recall Condition was Corrected in Production : The improved software logic was applied on June 23, 2016 for Sonata vehicle production and May 15, 2017 for Sonata Hybrid and Plug-In Hybrid vehicle production.

**Recall Schedule :**

Description of Recall Schedule : Dealers and owners will be notified in mid-November

Planned Dealer Notification Date : NOV 19, 2021 - NOV 19, 2021

Planned Owner Notification Date : NOV 19, 2021 - NOV 19, 2021

\* NR - Not Reported