

# Part 573 Safety Recall Report

## 20V-746

**Manufacturer Name :** Hyundai Motor America

**Submission Date :** APR 26, 2021

**NHTSA Recall No. :** 20V-746

**Manufacturer Recall No. :** 198



### 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 : 128,948

Estimated percentage with defect : 1 %

### Vehicle Information :

Vehicle 1 : 2012-2012 Hyundai Santa Fe

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** Certain model year 2012 Hyundai Santa Fe vehicles equipped with 2.4-liter "Theta II" MPI engines and produced from January 10, 2012 through July 3, 2012 by Hyundai Motor Manufacturing Alabama and Kia Motor Company in the Republic of Korea. The involved vehicles were determined jointly by Hyundai and NHTSA's Office of Defects Investigation ("ODI") during a review of Hyundai's response(s) to investigations PE19-003.

**Production Dates :** JAN 10, 2012 - JUL 03, 2012

**VIN Range 1 : Begin :**

NR

**End :** NR

☐ Not sequential

Vehicle 2 : 2011-2013 Hyundai Sonata

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

**Descriptive Information :** Certain model year 2011-2013 Hyundai Sonata Hybrid vehicles equipped with 2.4-liter "Theta II" MPI HEV engines and produced from June 2, 2010 through December 17, 2013 by Hyundai Motor Company in the Republic of Korea. The involved vehicles were determined jointly by Hyundai and NHTSA's Office of Defects Investigation ("ODI") during a review of Hyundai's response(s) to investigations PE19-003.

**Production Dates :** JUN 02, 2010 - DEC 17, 2013

**VIN Range 1 : Begin :**

NR

**End :** NR

☐ Not sequential

Vehicle 3 : 2016-2016 Hyundai Sonata

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

**Descriptive Information :** Certain model year 2016 Hyundai Sonata Hybrid vehicles equipped with 2.0-liter “Nu” GDI HEV engines and produced by February 25, 2015 through April 25, 2016 by Hyundai Motor Company in the Republic of Korea. The involved vehicles were determined jointly by Hyundai and NHTSA’s Office of Defects Investigation (“ODI”) during a review of Hyundai’s response(s) to investigations PE19-003.

**Production Dates :** FEB 25, 2015 - APR 25, 2016

**VIN Range 1 : Begin :**

NR

**End :** NR

☐ Not sequential

Vehicle 4 : 2015-2016 Hyundai Veloster

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : GAS

**Descriptive Information :** Certain model year 2015-2016 Hyundai Veloster vehicles equipped with 1.6-liter “Gamma” GDI engines and produced by May 26, 2014 through July 13, 2016 by Hyundai Motor Company in the Republic of Korea. The involved vehicles were determined jointly by Hyundai and NHTSA’s Office of Defects Investigation (“ODI”) during a review of Hyundai’s response(s) to investigations PE19-003.

**Production Dates :** MAY 26, 2014 - JUL 13, 2016

**VIN Range 1 : Begin :**

NR

**End :** NR

☐ Not sequential

## Description of Defect :

**Description of the Defect :** An engine compartment fire can occur while driving for many reasons and depending on the severity of the fire, the identification of the cause can be untraceable. The engines in the subject vehicles may have been produced with conditions that can cause premature wear of the connecting rod bearings. A worn connecting rod bearing could result in abnormal knocking noise from the engine and/or illumination of the oil pressure warning light. If the vehicle is continually operated with a worn connecting rod bearing, the engine could become damaged and eventually stall the vehicle during operation. In limited instances, a damaged connecting rod could puncture the engine block and cause engine oil to leak, which, in the presence of hot surfaces in the engine compartment, could increase the risk of a fire.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** A vehicle stall at highway speeds can increase the risk of a crash. If engine oil leaks onto certain engine components running at high operating temperature it could ignite and start an engine compartment fire.

**Description of the Cause :** A broken connecting rod can puncture the engine block.

Identification of Any Warning that can Occur : Abnormal (knocking) noise from engine;  
Reduced motive power and/or hesitation;  
Illumination of the "Check Engine" warning lamp;  
Illumination of engine oil pressure warning lamp;  
Burning smell;  
Visible oil leaks;  
Smoke;

### Involved Components :

Component Name 1 : ENGINE LONG BLOCK

Component Description : Engine block assembly for MY2012 Hyundai Santa Fe

Component Part Number : 21101-2GK00

Component Name 2 : ENGINE LONG BLOCK

Component Description : Engine block assembly for MY2011-2013 Hyundai Sonata Hybrid

Component Part Number : 191TH-2GA56, 187TH-2GA57

Component Name 3 : ENGINE LONG BLOCK

Component Description : Engine block assembly for MY16 Hyundai Sonata Hybrid

Component Part Number : 1D541-2EU04

Component Name 4 : ENGINE LONG BLOCK

Component Description : Engine block assembly for MY15-16 Hyundai Veloster

Component Part Number : 174N1-2BU0\*, 175N1-2BU0\*

### Supplier Identification :

#### Component Manufacturer

Name : Hyundai Motor Company

Address : NR

NR

Country: NR

## Chronology :

Please see Attachment A for the requested chronology of events.

## 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 for an engine inspection test to determine the presence of any bearing damage. If the bearing is damaged, the engine will be replaced with a new one.

As an added level of protection, all affected vehicles will receive an enhanced engine control software update containing a new Knock Sensor Detection System ("KSDS") program. The KSDS continuously monitors engine vibrations for unusual patterns potentially indicating an abnormal condition with the engine, such as a damaged connecting rod bearing, that could lead to an engine failure.

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 :** NR

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

## Recall Schedule :

**Description of Recall Schedule :** Dealers and owners will be notified beginning in late January 2021.

**Planned Dealer Notification Date :** JAN 22, 2021 - JAN 22, 2021

**Planned Owner Notification Date :** JAN 22, 2021 - JAN 22, 2021

\* NR - Not Reported