

Part 573 Safety Recall Report

20V-121

Manufacturer Name : Hyundai Motor America**Submission Date :** MAY 26, 2020**NHTSA Recall No. :** 20V-121**Manufacturer Recall No. :** 189**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 :** 206,896**Estimated percentage with defect :** 1 %**Vehicle Information :****Vehicle 1 :** 2013-2014 Hyundai Sonata**Vehicle Type :** LIGHT VEHICLES**Body Style :** 4-DOOR**Power Train :** GAS

Descriptive Information : The subject vehicles include certain model year 2013-2014 Hyundai Sonata vehicles produced between November 26, 2012 and January 16, 2014 by Hyundai Motor Manufacturing Alabama ("HMMA") for sale in the U.S. market.

Production Dates : NOV 26, 2012 - JAN 16, 2014**VIN Range 1 : Begin :**

NR

End : NR☐ Not sequential**Description of Defect :**

Description of the Defect : The fuel feed line connecting the low pressure fuel pump to the direct injection fuel pump in the subject vehicles could develop a small crack over time due to ambient heat in the engine compartment.

FMVSS 1 : NR**FMVSS 2 :** NR

Description of the Safety Risk : A damaged fuel line could allow fuel to leak increasing the risk of an engine compartment fire.

Description of the Cause : Hyundai believes the material used to produce the fuel feed line might be more susceptible to heat under certain vehicle operating conditions; however, Hyundai is still actively investigating potential causes.

Identification of Any Warning that can Occur : Occupants might detect a fuel smell associated with this condition.

Involved Components :

Component Name 1 : Fuel Feed Tube Assembly

Component Description : Fuel feed line for 2.0L turbocharged engines

Component Part Number : 31310-3Q101QQH

Component Name 2 : Fuel Feed Tube Assembly

Component Description : Fuel feed line for 2.4L engines

Component Part Number : 31310-3Q901QQH

Supplier Identification :

Component Manufacturer

Name : Hanil Tube, USA

Address : 50 Hanil Dr.

Tallassee ALABAMA 36078

Country : United States

Chronology :

In November 2016, in connection with an unrelated investigation item, HMA conducted a search of all warranty records and identified a spike in claims alleging a fuel leak condition on model year 2013 Sonata vehicles. None of these incidents indicated an engine fire or a precursor event, such as smoke, melting, or burn odor. HMA issued a Quality Information Report ("QIR") to HMC to assess the severity of the leak condition and its potential risk in causing an engine compartment fire.

From December 2016 to April 2017, while waiting for HMC's response to the QIR, HMA monitored all new field information for additional reports from customers alleging a fuel leak. Although additional reports were received, none of these incidents indicated an engine fire or related thermal event, an observation consistent with the original assessment of the condition.

In May 2017, HMC informed HMA that the fuel leak was too small to cause significant spillage of fuel to ignite an engine compartment fire. Based on the results of this analysis, along with the lack of actual vehicle fires associated with the fuel feed line leak, HMA closed its active investigation but maintained monitoring of field information for any reports that might indicate a more severe condition.

In February 2020, HMC informed HMA of a decision made by Kia to recall certain vehicles for a condition in which a fuel leak in the low pressure fuel feed line could potentially induce an engine compartment fire. HMC confirmed that certain Hyundai vehicles containing fuel feed lines similar to the ones being recalled by KMA may need to be recalled. Based on this information, and despite the absence of any reported fires, smoking, burning, or melting events associated with fuel feed line leaks in the subject vehicles, HMA convened its

Technical Committee on February 25, 2020 and decided to conduct a safety recall in the U.S. market to address the fuel leak condition in all affected vehicles.

Description of Remedy :

Description of Remedy Program : Hyundai will notify owners of the involved vehicles by first class mail with instructions to bring their vehicles to a Hyundai dealer for an inspection of the low-pressure fuel tube for damage and/or leaking. If damage and/or leaking is found, the low-pressure tube will be replaced with a new one. If no damage or leaking is found, heat resistant tape will be installed at the connection between the low-pressure fuel tube and fuel pump.

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 remedy component is manufactured with new material for the fuel tube, improved connector structure, and an added protective sleeve for increased stress and heat resistance.

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

Recall Schedule :

Description of Recall Schedule : Dealers and owners will be notified in April 2020.

Planned Dealer Notification Date : APR 24, 2020 - APR 24, 2020

Planned Owner Notification Date : APR 24, 2020 - APR 24, 2020

* NR - Not Reported