

Part 573 Safety Recall Report

21V-524

Manufacturer Name : Hyundai Motor America**Submission Date :** JUL 09, 2021**NHTSA Recall No. :** 21V-524**Manufacturer Recall No. :** 207**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 : 15,752

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2021-2022 Hyundai Santa Fe

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The subject vehicles include 12,521 certain model year 2021-2022 Hyundai Santa Fe vehicles equipped with 2.5-litre Turbo engines and produced on November 20, 2020 through June 25, 2021 by Hyundai Motor Manufacturing Alabama ("HMMA") for sale in the U.S. market.

Production Dates : NOV 20, 2020 - JUN 25, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2022 Hyundai Sonata

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : The subject vehicles include 3,231 certain model year 2021-2022 Hyundai Sonata vehicles equipped with 2.5-litre Turbo engines and produced on October 14, 2020 through June 24, 2021 by Hyundai Motor Manufacturing Alabama ("HMMA") for sale in the U.S. market.

Production Dates : OCT 14, 2020 - JUN 24, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The fuel pipe connecting the high-pressure fuel pump to the fuel rail may have been installed with insufficient torque during assembly. Additionally, certain fuel pipes could have been produced outside of Hyundai's specification for concentricity.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A fuel pipe that has been installed with insufficient torque or improper concentricity could allow fuel to leak at its connections increasing the risk of an engine compartment fire.

Description of the Cause : The tightening tool was used at an angle reducing the amount of applied torque. Improper concentricity of the fuel pipe due to instability of the tooling machine pin at the supplier.

Identification of Any Warning that can Occur :

- A. Fuel odor.
- B. Smoke.
- C. Burning/melting odor.
- D. Illumination of the MIL.

Involved Components :

Component Name 1 : Pipe-High Pressure

Component Description : Fuel pipe connecting the high-pressure fuel pump to the fuel rail

Component Part Number : 35305-2S200

Supplier Identification :

Component Manufacturer

Name : Sungil SIM

Address : 21 Hwajeonsandan 6-ro
Gangseo-gu Busan Foreign States

Country : Korea, Republic of

Chronology :

Please see Attachment A for the requested chronology of events.

Description of Remedy :

Description of Remedy Program : All owners of the subject vehicles will be notified by first class mail with instructions to bring their vehicles to a Hyundai dealer to confirm the fuel pipe's production lot date code. Fuel pipes confirmed to be from the affected lot will be replaced and tightened to the proper torque setting. Fuel pipes not originating from the affected lot will be inspected for fuel leaks. If a leak is found, the fuel pipe will be replaced and tightened to the proper torque setting. If no fuel leak is found, the fuel pipe torque will be checked and adjusted to the proper torque setting.

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 fuel pipe connection is properly torqued and produced within the correct specification for concentricity.

Identify How/When Recall Condition was Corrected in Production : An anti-tilt pad was added to the tightening tool to address the condition of insufficient torque. In addition, the work standard was revised to ensure proper torque application angle. Both running changes were implemented on March 30, 2021. To address the concentricity issue, the fuel pipe supplier performed tooling maintenance and replaced the tooling machine inner diameter pin on January 11, 2021.

Recall Schedule :

Description of Recall Schedule : Dealers and owners will be notified in early September.

Planned Dealer Notification Date : SEP 06, 2021 - SEP 06, 2021

Planned Owner Notification Date : SEP 06, 2021 - SEP 06, 2021

* NR - Not Reported