

Part 573 Safety Recall Report

19V-538

Manufacturer Name : Hyundai Motor America**Submission Date :** JUL 19, 2019**NHTSA Recall No. :** 19V-538**Manufacturer Recall No. :** 003G**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 : 8,059

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2018 Genesis G80

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Certain model year 2018 Genesis G80 sedan vehicles equipped with 3.3 liter turbocharged engines and produced by Hyundai Motor Company ("HMC") at the Ulsan plant in the Republic of Korea from 1/16/2017 through 12/29/2017.

Production Dates : JAN 16, 2017 - DEC 29, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2017-2018 Genesis G90

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Certain model year 2017-2018 Genesis G90 sedan vehicles equipped with 3.3 liter turbocharged engines produced by Hyundai Motor Company ("HMC") at the Ulsan plant in the Republic of Korean from 6/13/2016 through 12/29/2017. No other Hyundai or Genesis models produced for sale or lease in the U.S. contain the same turbocharger oil supply pipe as the ones installed in the subject vehicles.

Production Dates : JUN 13, 2016 - DEC 29, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Defect :

Description of the Defect : The subject vehicles are equipped with a turbocharger oil supply pipe assembly that may have been produced with insufficient swaging pressure on the fitting located near its center union causing a loose seal. A loose seal at the center union of the oil supply pipe could result in oil leaking onto the exhaust manifold.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Oil leaking onto the exhaust manifold could increase the risk of an engine compartment fire.

Description of the Cause : Insufficient swaging pressure caused by an out-of-specification mold.

Identification of Any Warning that can Occur : White smoke
Burning smell
Oil leaking onto ground surfaces

Supplier Identification :

Component Manufacturer

Name : SAMBO MOTORS

Address : NR

NR

Country : NR

Chronology :

In February 2019, HMC received a report from the media of an engine compartment fire involving a 2017 Genesis G90 vehicle in the Korean market. HMC, in cooperation with KATRI, inspected the vehicle and began investigating potential causal factors that could've caused the thermal event. HMC searched manufacturing and design change records and found that a running production change was introduced in July of 2017 to increase the swaging pressure on the fitting located near the center of the turbocharger oil supply pipe assembly. HMC confirmed by analysis of field information that warranty claims reporting an oil leak decreased significantly after the running change deducing that the pre-countermeasure swaging pressure could have caused oil leaking onto the exhaust manifold.

On July 10, 2019, HMC notified HMA of the condition involving certain 2017-2018 Genesis G80/G90 vehicles exported for sale or lease in the U.S. HMA conducted a search of all field information and found five (5) warranty claims alleging oil leaks emanating from the turbo oil feeder pipe. Based on this information and the information received from HMC, on July 12, 2019, HMA convened its Technical Committee with a recommendation to conduct a safety recall.

As of the date of this filing, Hyundai is unaware of any accidents or injuries alleging the subject defect condition in the U.S. market.

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 replace the turbocharger oil supply pipe. The remedy will be performed at no charge.

Hyundai is committed to reimbursing owners for previous out-of-pocket repairs according to the plan submitted to the agency on November 2, 2016; however, the turbocharger oil supply pipe for the vehicles affected by this recall is covered for 5 years or 60,000 miles under Hyundai's new vehicle limited warranty. As owners of these vehicles would not have incurred expenses for the warranted repair as a result of this condition, no notification regarding reimbursement under section 577.11 is necessary.

How Remedy Component Differs from Recalled Component : The remedy component was manufactured with the correct swaging pressure at its center union.

Identify How/When Recall Condition was Corrected in Production : The mold was changed on July 4, 2017.

Recall Schedule :

Description of Recall Schedule : Dealer and owner notifications will be mailed in September 2019.

Planned Dealer Notification Date : SEP 06, 2019 - SEP 06, 2019

Planned Owner Notification Date : SEP 06, 2019 - SEP 06, 2019

* NR - Not Reported