Part 573 Safety Recall Report 21V-727

Manufacturer Name : Hyundai Motor America
Submission Date : SEP 17, 2021
NHTSA Recall No. : 21V-727
Manufacturer Recall No. : 209

NHTSA
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

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 : 95,515
Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2017-2017 Hyundai Tucson
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : GAS
Descriptive Information : The subject vehicles include 82,268 model year 2017 Hyundai Tucson vehicles equipped with 2.0-liter "Nu" GDI engines produced by Hyundai Motor Company's engine plant in Ulsan, South Korea. The subject vehicles were produced on May 16, 2016 through October 19, 2017 by HMC for sale in the U.S. market.
Production Dates : MAY 16, 2016 - OCT 19, 2017
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 2 : 2017-2017 Hyundai Sonata Hybrid
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : HYBRID ELECTRIC
Descriptive Information : The subject vehicles include 13,247 model year 2017 Hyundai Sonata Hybrid vehicles equipped with 2.0-liter "Nu" GDI engines produced by Hyundai Motor Company's engine plant in Ulsan, South Korea. The subject vehicles were produced on May 12, 2016 through December 27, 2017 by HMC for sale in the U.S. market.
Production Dates : MAY 12, 2016 - DEC 27, 2017
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect :	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 :	A. Abnormal (knocking) noise from engine B. Reduced motive power and/or hesitation C. Illumination of the “Check Engine” warning lamp D. Illumination of engine oil pressure warning lamp E. Burning smell, oil leaking, smoke

Involved Components :

Component Name 1 :	ENGINE ASSY-SUB
Component Description :	Sub Engine
Component Part Number :	1D571-2EU04 (Tucson), 1D541-2EU04 (Sonata HEV)

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. In addition to the remedy, all affected vehicles will receive an enhanced engine control software update containing a new Knock Sensor Detection System ("KSDS") as part of a product improvement campaign enhancing the engine's protection from internal wear. 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 :	N/A
Identify How/When Recall Condition was Corrected in Production :	N/A

Recall Schedule :

Description of Recall Schedule :	Dealers and owners will be notified in November 2021.
Planned Dealer Notification Date :	NOV 12, 2021 - NOV 12, 2021
Planned Owner Notification Date :	NOV 12, 2021 - NOV 12, 2021

* NR - Not Reported