

Part 573 Safety Recall Report

23V-526

Manufacturer Name : Hyundai Motor America

Submission Date : JUL 28, 2023

NHTSA Recall No. : 23V-526

Manufacturer Recall No. : 246



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 : 51,998

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2023-2024 Hyundai Palisade

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The subject population includes 28,613 model year 2023 Hyundai Palisade vehicles produced on the specified dates by Hyundai Motor Company ("HMC") for sale in the U.S. market.

Production Dates : OCT 18, 2022 - JUN 27, 2023

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Vehicle 2 : 2023-2023 Hyundai Tucson

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The subject population includes 4,238 model year 2023 Hyundai Tucson vehicles produced on the specified dates by Hyundai Motor Company ("HMC") for sale in the U.S. market.

Production Dates : OCT 29, 2022 - APR 21, 2023

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Vehicle 3 : 2023-2023 Hyundai Sonata

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : The subject population includes 1,143 model year 2023 Hyundai Sonata vehicles produced on the specified dates by Hyundai Motor Company ("HMC") for sale in the U.S. market.

Production Dates : OCT 26, 2022 - APR 03, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 4 : 2023-2023 Hyundai Elantra

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : The subject population includes 4,844 model year 2023 Hyundai Elantra vehicles produced on the specified dates by Hyundai Motor Company ("HMC") for sale in the U.S. market.

Production Dates : NOV 14, 2022 - JUN 06, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 5 : 2023-2023 Hyundai Kona

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The subject population includes 13,160 model year 2023 Hyundai Kona vehicles produced on the specified dates by Hyundai Motor Company ("HMC") for sale in the U.S. market.

Production Dates : NOV 09, 2022 - JUL 08, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : The transmission electric oil pump for the Idle Stop & Go System ("ISG") in the subject vehicles might have been assembled with printed circuit boards ("PCB") that were damaged during manufacturing by the oil pump controller supplier. A damaged capacitor on the pump controller PCB could impact electrical operation leading to heat damage to the electric oil pump circuit board, connector, and wiring harness. The heat damage at the pump increases the risk of a vehicle fire in addition to a potential Controller Area Network ("CAN") communication disruption for multiple onboard controllers.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The electrical heat damage within the electric oil pump assembly increases the risk of a vehicle fire.

Description of the Cause : The oil pump controller's PCB may have been produced with damaged capacitors.

Identification of Any Warning that can Occur :

- a. Smoke from the vehicle's underbody
- b. Burning / melting odor
- c. Illumination of Malfunction Indicator Light and other system dash warning lamps

Involved Components :

Component Name 1 : PUMP ASSY-ELECTRIC OIL

Component Description : Electric Oil Pump Assembly

Component Part Number : 46110-2F630

Component Name 2 : PUMP ASSY-ELECTRIC OIL

Component Description : Electric Oil Pump Assembly

Component Part Number : 46110-4G530

Component Name 3 : PUMP ASSY-ELECTRIC OIL

Component Description : Electric Oil Pump Assembly

Component Part Number : 48110-2H100

Supplier Identification :

Component Manufacturer

Name : Myunghwa

Address : 55 Dusan-ro, Geumcheon-gu
Seoul Foreign States

Country : Korea, Republic of

Chronology :

Please see Attachment A for the requested chronology.

Description of Remedy :

Description of Remedy Program : 19. Owners can continue driving these vehicles; however, Hyundai recommends parking their vehicles outside and away from structures until the recall remedy is completed. All owners of the subject vehicles will be notified by first class mail with instructions to bring their vehicles to a Hyundai dealer to inspect and replace the electric oil pump and front harness, if necessary. This remedy will be offered at no cost to owners for all affected vehicles, regardless of whether the affected vehicles are still covered under Hyundai's New Vehicle Limited Warranty. Additionally, Hyundai will provide owners of affected vehicles reimbursement for out-of-pocket expenses incurred to obtain a remedy for the recall condition in accordance with the reimbursement plan submitted to NHTSA on February 24, 2022.

How Remedy Component Differs from Recalled Component : The remedy electric oil pumps were produced with properly manufactured printed circuit boards by a different controller supplier.

Identify How/When Recall Condition was Corrected in Production : On March 24, 2023, the controllers produced by the affected supplier were discontinued.

Recall Schedule :

Description of Recall Schedule : Dealer and owners will be notified by the specified dates.

Planned Dealer Notification Date : SEP 25, 2023 - SEP 25, 2023

Planned Owner Notification Date : SEP 25, 2023 - SEP 25, 2023

* NR - Not Reported