Manufacturer Name: Hyundai Motor America
Submission Date: JUL 27, 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

The information contained in this report was submitted pursuant to 49 CFR §573
### 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:
- Smoke from the vehicle’s underbody
- Burning / melting odor
- Illumination of Malfunction Indicator Light and other system dash warning lamps

### Involved Components:

<table>
<thead>
<tr>
<th>Component Name 1</th>
<th>Component Description</th>
<th>Component Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUMP ASSY-ELECTRIC OIL</td>
<td>Electric Oil Pump Assembly</td>
<td>46110-2F630</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Component Name 2</th>
<th>Component Description</th>
<th>Component Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUMP ASSY-ELECTRIC OIL</td>
<td>Electric Oil Pump Assembly</td>
<td>46110-4G530</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Component Name 3</th>
<th>Component Description</th>
<th>Component Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUMP ASSY-ELECTRIC OIL</td>
<td>Electric Oil Pump Assembly</td>
<td>48110-2H100</td>
</tr>
</tbody>
</table>

### Supplier Identification:

**Component Manufacturer**
- **Name**: Myunghwa
- **Address**: 55 Dusan-ro, Geumcheon-gu, Seoul Foreign States
- **Country**: Korea, Republic of

The information contained in this report was submitted pursuant to 49 CFR §573
Chronology:
Please see Attachment A for the requested chronology.

<table>
<thead>
<tr>
<th>Description of Remedy</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Description of Remedy Program</td>
<td>Owners can continue driving these vehicles; however, Hyundai recommends parking their vehicles outside 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.</td>
</tr>
<tr>
<td>How Remedy Component Differs from Recalled Component</td>
<td>The remedy electric oil pumps were produced with properly manufactured printed circuit boards by a different controller supplier.</td>
</tr>
<tr>
<td>Identify How/When Recall Condition was Corrected in Production</td>
<td>On March 24, 2023, the controllers produced by the affected supplier were discontinued.</td>
</tr>
</tbody>
</table>

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