The information contained in this report was submitted pursuant to 49 CFR §573.
Component Manufacturer

Name: Hyundai Mobis
Address: 47, Giudpodi 1-ro, Daesowon-myeon Chunjushi, Chungcheongbuk-do Chungju FOREIGN STATES 27465
Country: Korea, Republic of

Chronology:
Hyundai Motor America received a Field Report in June 2017 regarding a 2017 Ioniq Electric which was towed to a dealer after the customer reported illumination of the "Check electric vehicle system" indicator light and the vehicle motor turned off. A second Field Report with similar symptoms was subsequently received in late June 2017. Incident parts were collected and a Quality Information Report was sent to Hyundai Motor Company in July 2017. A review of the supplier’s records identified an EPCU housing casting manufacturing process revision in April 2017. After a review of the available information, on August 17, 2017 Hyundai decided to conduct a safety recall for the affected 2017 Model Year Ioniq Electric vehicles. Ioniq Hybrid and plug-in Hybrid models are not affected by this safety recall.

Hyundai is not aware of any accidents or injuries related to this condition.

Description of Remedy:

Description of Remedy Program: Hyundai will notify all owners of affected vehicles by first class mail to return to their Hyundai dealer to inspect the Electronic Power Control Unit and replace if necessary. Ioniq Electric is currently only available to California residents.

The Electronic Power Control Unit in the vehicles affected by this recall is covered for 15 years or 150,000 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: Electronic Power Control Unit manufactured with a revised casting process to reduce the potential for small voids.

Identify How/When Recall Condition was Corrected in Production: The EPCU housing casting manufacturing process was revised on April 01, 2017 to reduce the potential for small voids resulting in coolant contact with the control unit’s circuit board.

Recall Schedule:

Description of Recall Schedule: Hyundai Motor America plans to notify dealers about this recall on September 1, 2017. Owner notification is expected to begin September 29, 2017.
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<tr>
<td>Planned Dealer Notification Date</td>
<td>SEP 01, 2017 - SEP 01, 2017</td>
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<tr>
<td>Planned Owner Notification Date</td>
<td>SEP 29, 2017 - SEP 29, 2017</td>
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* NR - Not Reported

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