

**2013-2015MY Optima & 2014-2015MY Sorento HECU Chronology
Basis of Safety Defect Determination 573.6(c)(6)**

February 2020-May 2020	Kia Motors America, Inc. (KMA) receives electrical failure complaint for 2015 Kia Sorento on February 5, 2020. Dealer identifies Hydraulic Electric Control Unit (HECU) melted. KMA requests and subsequently receives engine wiring harness and HECU for evaluation on May 27, 2020 and identifies localized heat damage to HECU connector and circuit board near connector. KMA sends collected parts to Kia Motors Corporation (KMC) on May 28, 2020 and requests further evaluation.
June 2020	KMC and HECU supplier work together to evaluate collected HECU received from KMA. HECU found to be internally damaged and melted possibly due to leaking brake fluid. KMA receives information regarding two (2) incidents involving a 2015 Kia Optima where HECU connector appears melted. KMA begins process of recovering parts for further evaluation.
July 2020-August 20, 2020	KMA notified of an alleged fire involving the HECU of a 2015 Kia Sorento and two (2) incidents involving a 2013 Kia Optima. KMA reviews photos and identifies heat damage isolated to area of HECU. No actual vehicle fire. KMA begins process of recovering parts for further evaluation.
August 21, 2020	While KMA is still waiting for recovered parts, KMC informed by supplier of HECU that same HECU component supplied to another manufacturer has confirmed thermal damage.
August 25, 2020	KMC decides to conduct a recall of certain Kia Optima (QF) and Sorento (XMa) vehicles manufactured at Kia Motors Manufacturing Georgia (KMMG). Six (6) Optima and two (2) Sorento (XMa) alleged fire related customer complaints (i.e. isolated melting). No known crashes or injuries related to this condition.