

**2019 Kia Optima Forward Collision-Avoidance Assist (FCA) Chronology
Basis of Safety Defect Determination 573.6(c)(6)**

May 20, 2019	During development of the Forward Collision-Avoidance Assist (FCA) system for Optima taxi for Korean market, supplier (Hyundai MOBIS) identified a potential software error. Supplier also identified the same potential error may exist with the FCA software currently installed on some of 2019MY Optima vehicles. Supplier notified Kia Motors Corporation (KMC) of the potential software error.
May 21-31, 2019	KMC works with supplier to conduct investigation and detailed analysis of the potential FCA software error.
June 1- July 15, 2019	KMC and supplier jointly conduct extensive duplication testing on actual vehicle and confirm software error which impairs the braking assist function to work properly when the FCA senses a potential frontal collision with a stationary vehicle.
July 16, 2019	KMC makes decision to conduct recall. No customer complaints, no warranty claims, no reported accidents or collisions.