

**2017 MY Niro HEV Hydraulic Clutch Actuator Chronology
Basis of Safety Defect Determination 573.6(c)(6)**

December 7, 2017	Kia Motors America, Inc. (KMA) submits Quality Information Report (QIR) to Kia Motors Corporation (KMC) regarding Hydraulic Clutch Actuator (HCA) diagnostic trouble codes and warning light illumination while driving.
December 27, 2017	KMC responds to KMA identifying issue under investigation.
January-February 2018	KMC works with supplier and conducts component evaluation of HCA. Supplier identifies oil leaking of HCA internal housing as possible cause. Electrical short duplicated due to oil leaking; thermal event and/or fire could not be duplicated.
March 2018—April 12, 2018	KMC conducts vehicle testing to further evaluate oil leaking issue and determines fire may occur in certain circumstances due to issue.
April 16, 2018	KMC makes decision to conduct safety recall. 19 warranty HCA replacement claims; dealer/technician notes in 2 of those 19 claims describe fire/flames of HCA. No reported accidents or injuries.