

**2023-2025MY NIRO EV, NIRO HYBRID & NIRO PLUG-IN HYBRID
Floor Wiring Assembly
Basis of Safety Defect Determination 573.6(c)(6)**

November 15, 2024	Kia North America (Kia NA) Safety Office receives information from Kia America, Inc. field staff of potential front passenger floor wiring assembly damage and airbag warning light on a 2023MY Niro EV. Kia NA Safety Office engineer schedules inspection.
November 19, 2024	Kia NA Safety Office engineer inspects the vehicle and identifies airbag warning light on and damage to floor wiring assembly due to contact with a bracket located underneath front passenger seat. Kia NA Safety Office engineer collects another damaged floor wiring assembly from a 2024MY Niro EV while at dealer. Kia NA Safety Office begins to monitor issue and analyze field data.
November 20, 2024	Kia NA Safety Office sends the two (2) collected floor wiring assemblies to Kia Corporation (Kia HQ) for further evaluation.
November 27, 2024	Kia NA Safety Office field data analysis identifies two (2) additional previously submitted warranty claims identifying wiring damage under the front passenger seat and illuminated warning light(s) potentially related to this issue.
December 9, 2024	Kia HQ informs Kia NA Safety Office of preliminary investigation results that the floor wiring assembly on certain Niro vehicles may be damaged by repeated movement of the manual front passenger seat. Kia HQ continues to investigate cause and scope of potentially affected vehicles.
January 6, 2025	Kia HQ informs Kia NA Safety Office that repeated sliding adjustment of the manual front passenger seat in the Niro EV, Niro Hybrid and vehicles may damage one or more of the wires in the floor wiring assembly due to variation in its routing. Kia HQ confirms Niro vehicles equipped with a power front passenger seat do not exhibit this condition due to difference in routing and wiring assembly length. Kia HQ advises that issue may affect the functioning of the vehicle's supplemental restraint system.

January 9-10, 2025	Kia NA Safety Office field data analysis confirms 4 warranty claims and 2 techline cases involving 4 unique VINs identifying damaged floor wiring harnesses and illuminated warning light(s) (dates of receipt 12/19/2022—11/22/2024). No reports of condition occurring on Niro EV, Niro Hybrid or Plug-in Hybrid vehicles equipped with power seats. No reported accidents or injuries.
January 10, 2025	Kia NA decides to recall certain 2023-2025MY Niro EV, Niro Hybrid and Niro Plug-in Hybrid vehicles equipped with a manual front passenger seat. No crashes, injuries, fatalities or fires.