

**2023MY Sportage
Alternator Battery Positive Terminal
Basis of Safety Defect Determination 573.6(c)(6)**

May 11, 2022	Kia North America (Kia NA) and Kia Georgia receive Techline case from dealer identifying customer complaint of no start condition involving a 2023MY Kia Sportage. Dealer identifies loose alternator cable and thermal damage to alternator, wire harness and intake manifold. Vehicle repaired by dealer. Kia NA Safety Office requests incident parts to be collected for further evaluation.
May 23-27, 2022	Kia Georgia meets with supplier to review incident details. Supplier subsequently implements improved alternator nut visual inspection process during production.
June 15, 2022	Supplier implements additional end of line production torque confirmation process to ensure alternator battery positive (B+) terminal nut is properly torqued.
June 22, 2022	Kia NA Safety Office receives alternator and wire harness associated with the incident and identifies thermal damage to alternator B+ terminal bolt post and nut indicating electrical arcing. Kia NA Safety Office continues to monitor issue.
July 18, 2022	Kia NA receives second Techline case from dealer identifying customer complaint of “vehicle losing power” and “shut off and would not restart” involving a 2023MY Kia Sportage. Dealer identifies melting of the alternator B+ terminal and nut. Vehicle repaired by dealer. Kia NA Safety Office requests incident parts to be collected for further evaluation.
August 12-15, 2022	Kia NA Safety Office meets with Kia Georgia to discuss findings of second incident and supplier’s production changes.
August 17, 2022	Kia NA Safety Office receives alternator collected from second incident vehicle and identifies localized melting around broken alternator battery positive (B+) terminal due to electrical arcing. Parts from both incidents shipped to Kia Georgia for further examination.
August 20-21, 2022	Kia NA Safety Office receives and reviews 2023MY Sportage production records from Kia Georgia.
August 22, 2022	Kia NA decides to recall certain 2023MY Sportage manufactured at Kia Georgia. Two (2) fires (1 with melting at the B+ terminal

	and 1 with localized damage around the alternator; both repairable by dealer). No fatalities, injuries or crashes.
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