

**2024MY Sorento
Motor Driven Power Steering (MDPS)
Basis of Safety Defect Determination 573.6(c)(6)**

February 7, 2024— February 9, 2024	Kia North America (Kia NA) receives Techline case involving a 2024MY Sorento (subject vehicle) with complaint of vehicle stall and noise while turning the steering wheel during dealer pre-delivery inspection. Dealer inspection identifies damage to motor-driven power steering (MDPS) wire harness due to chafing between harness and steering shaft. Kia NA Safety Office begins monitoring issue.
March 29, 2024	Kia NA Safety Office identifies warranty claim with complaint of loss of power steering during dealer pre-delivery inspection. Dealer inspection identifies damage to MDPS wire harness.
April 1, 2024	Kia NA Safety Office discusses issue with Kia HQ and Kia Georgia and requests an evaluation of any potential safety consequence and associated warnings.
April 5, 2024	Kia HQ informs Kia NA Safety Office that the MDPS communication circuits or power circuit may be damaged due to this condition, resulting in reduced power steering assist. Evaluation of exemplar vehicle with artificially disconnected circuits confirms condition does not result in loss of motive power.
April 11, 2024	Kia NA Safety Office and supplier perform exemplar vehicle test with artificially disconnected circuits to evaluate any potential safety consequence and determine there is a potential for a reduction or complete loss of power steering assist depending on whether the MDPS communication circuits or MDPS power circuit is disconnected. If complete loss of steering assist occurs, manual steering is still available. The condition does not occur in unintended self-steering.
April 15, 2024—April 16, 2024	Kia NA Safety Office field data analysis finds no additional incidents other than the two (2) previously identified incidents. No crashes, injuries, fatalities, or fires. Kia Georgia and Kia HQ confirm potentially affected population with direct VIN traceability and inform Kia NA Safety Office.
April 16, 2024	Kia NA decides to recall certain 2024MY Sorento vehicles. No injuries, crashes, fatalities or fires.