

**2025MY EV9**  
**Rear Gear Drive Unit (GDU)**  
**Basis of Safety Defect Determination 573.6(c)(6)**

January 3, 2025	During routine review of field data, Kia North America (Kia NA) Safety Office identifies potential trend in Techline repair assistance cases involving 2025MY EV9 vehicles with DTC P0A41 including one (1) report of alleged loss of motive power. Kia Georgia and Kia NA Safety Office begin to investigate issue.
January 14, 2025	Kia America, Inc., Kia Georgia, and supplier investigate a 2025MY EV9 (Vehicle #1) with complaint of warning light on and active DTC P0A41. The rear gear drive unit (GDU) is identified as potential cause of setting DTC and removed from the vehicle for further evaluation.
January 15, 2025— February 11, 2025	Kia Georgia and supplier conduct tear down evaluation and identifies motor shaft inside the subject rear GDU was damaged due to welding error by supplier. Kia Georgia informs Kia NA Safety Office that issue limited to a certain production lot.
February 12, 2025	Kia NA Safety Office inspects a 2025MY EV9 (Vehicle #2) with complaint of clunk sound from rear motor and illumination of warning lights with active DTC P0A41. Kia NA Safety Office engineer conducts test drive and no complete loss of motive power identified while driving. However, vehicle would not accelerate above 12 mph in certain conditions.
February 14, 2025	Kia NA Safety Office identifies 10 unique VINs of alleged reduction or loss of motive power with DTC P0A41 (dates of receipt: 12/18/2024—2/7/2025). No accidents or injuries.  Kia NA decides to recall certain 2025MY EV9 vehicles equipped with dual-motor e-AWD manufactured at Kia Georgia.