

eZR Battery Electric Vehicles must not have any changes to the Low Voltage wiring system

Date: December 17, 2024
Bulletin Name: ZR-IB-017
Model: eZero Radius
Model Year: 2024
Units Affected: Battery Electric Zero Radius

Purpose

McNeilus Truck and Manufacturing, Inc. states that making any changes to the eZR Low Voltage (LV) wiring system on Battery Electric Vehicle (BEV) units have been shown to, in some instances, affect the ability of the system to properly charge. Typically, BEV systems rely on a complete sleep mode during charging; therefore, any changes that affect the ignition key-off state of the vehicle have been shown especially likely to impact the charging procedure.

Example of this problem The wiring set-up of a camera system was changed, which caused an issue with the chassis accepting a charge.

Results

1. The camera system was installed correctly at the factory with no impact to the low voltage wiring system.
2. A change (not authorized by McNeilus) to the wiring set-up of the camera system was made on the vehicle.
3. As a result, the ability of the chassis to properly charge was impacted.

Continuous Improvement:

The change included in this document is part of the McNeilus Continuous Improvement Process.

McNeilus's quality policy is providing customer satisfaction through innovative products, dedicated service, and a constant focus on continuous improvement.