

IMPORTANT **SAFETY RECALL**

July 29, 2024

Notice to Dealers - R2024-010- CAN Connector Orientation

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

The Lion Electric Company ("Lion") has decided that a defect which relates to motor vehicle safety exists in certain 2023- 2024 LionC vehicles.

Description of the vehicle(s) affected by the defect

Make	Lion
Model	LionC
Model Year(s)	2023-2024
NHTSA Recall Number	24V-460

Description of the defect

The CAN network connector for high-voltage battery no. 4 has been installed in the wrong orientation on some LionC vehicles, leading to infiltration and water accumulation in the connector.

Description of the safety risk

Water accumulation into the CAN Connector can cause a short-circuit, leading to loss of communication with the high-voltage battery and deactivation of high-voltage distribution. Loss of high voltage leads to the loss of the steering assistance, as well as the loss of the vehicle's primary braking system. The secondary braking pump system is independent of the high-voltage distribution and assures the vehicle's braking capacity in the event of loss of high-voltage distribution and the primary braking system. Therefore, in the event of loss of high-voltage, braking performance will only be reduced as the secondary braking system would be activated. Loss of high-voltage increases the risk of a collision.

Precautionary and Corrective Measures

No affected vehicles shall be delivered without performing repair RC-0376. The affected vehicle population and the repair procedure are available on the internal Lion portal.

The owner's notification letters are going to be mailed at the latest on August 19th,2024. The in-service campaign is scheduled to start immediately.

The recall requires the inspection and reorientation of the CAN connector of the high-voltage battery no. 4, as well as a software update. Lion estimates it will take approximately 45 minutes to complete the repair.

IMPORTANT: Some of the involved vehicles may be in the dealer's new vehicle inventory. It is a violation of Federal law for a dealer to deliver a new motor vehicle covered by the notification under a sale or a lease until the defect or noncompliance is remedied. Violation of this requirement by a dealer could result in a civil penalty of up to \$26,315 per vehicle.

Contact

For any questions, please do not hesitate to contact the service department at 1855 546-6706, ext. 229.



Michael Bianco, Eng.
Service Engineering Director