

Part 573 Safety Recall Report

25E-001

Manufacturer Name : N&B Mobility SOLUTIONS LLC

Submission Date : JAN 13, 2025

NHTSA Recall No. : 25E-001

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : N&B Mobility SOLUTIONS LLC

Address : 150 E B St Lbby #1810

Casper WY 82601

Company phone : 3072434122

Population :

Number of potentially involved : 130

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : Nivion

Model : NSP01

Part No. : NSP01

Size : NR

Function : NR

Descriptive Information : Recall Population and Basis for Determination

Independent third-party testing identified safety deficiencies in the Tesla Charger (NACS) to CCS1 Adapter sold under the Nivion brand. A total of 130 units are affected. These products fail to meet electrical safety standards, specifically in electrical clearance and latching mechanism design. No customer complaints or incidents have been reported to date.

Description of the Defect and Noncompliance

Insufficient Electrical Clearance:

Inadequate clearance between DC busbars for high voltage may lead to electrical arcing or system failure under load conditions, posing a risk of fire or injury.

Deficient Latching Mechanism:

The product lacks an electrical status switch to prevent live disconnections during operation. Insufficient safeguards expose users to hazardous live electrical circuits.

These issues were revealed through independent testing conducted by an external entity, not Nivion or the manufacturer.

Distributor and Manufacturer Information:

Distributor: Nivion

Manufacturer: Dongguan Lanxin Charging Technology Co., Ltd.

Part Number: NSP01

Product Name: Tesla Charger (NACS) to CCS Adapter

Units Affected: 130

Actions Taken: We have ceased sales of the affected units. However, exact same products are still be available from other sellers on Amazon under different brand names. As a distributor, Nivion sells this product under its brand name and is not the original manufacturer. This recall is initiated to ensure consumer safety.

Production Dates : JAN 01, 2024 - JUL 31, 2024

Description of Defect :

Description of the Defect : Inadequate Electrical Clearance:
DC busbars are too close for high voltage, risking electrical arcing or system failure, which could cause fire or injury.

Deficient Latching Mechanism:
No electrical status switch to prevent live disconnection.
Lack of safeguards during live disconnects, exposing users to live circuits.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Electrical Arcing: Insufficient clearance between DC busbars can cause arcing, leading to system failure, fire, or personal injury in extreme cases.

Exposure to Live Circuits: The absence of proper safety mechanisms, and the lack of a status switch during live disconnections increase the risk of electrical shock or serious injury

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

NR

Description of Remedy :

Description of Remedy Program : Defective adapters will be replaced with an updated version designed with adequate electrical clearance and a compliant latching mechanism.

Replacements or refunds will be provided within 4 to 6 weeks after customers submit a return request, with efforts to expedite the process where feasible.

Since all units were sold via Amazon.com, customers will be notified through Amazon's messaging system.

How Remedy Component Differs NR
from Recalled Component :

Identify How/When Recall Condition NR
was Corrected in Production :

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

* NR - Not Reported