

Part 573 Safety Recall Report

22V-332

Manufacturer Name : Drivege Vehicle Innovations

Submission Date : SEP 26, 2022

NHTSA Recall No. : 22V-332

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Drivege Vehicle Innovations

Address : 1090 W Wilbeth Rd

Akron OH 44314

Company phone : 861-1118

Population :

Number of potentially involved : 22

Estimated percentage with defect : 1 %

Vehicle Alterer Information :

Vehicle 1 : 2020-2021 Ford Transit 350

Descriptive Information : The recall population is determined by information received from Intermotive based upon suspected defective parts received via specified purchase orders being installed into up fitted vehicles.

Production Dates : DEC 03, 2020 - FEB 18, 2022

Description of Defect :

Description of the Defect : Intermotive has determined that a small percentage of date code 0919 pcbs used for the PRPC had mask mis-registration causing exposed copper. Lab analysis showed the evidence of dendritic growth which caused the short between the power and ground planes. The failure happened after installation and prior to the busses being put into service. All four were infant mortality.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The power to ground short causes excessive heating and the potential for combustion. All components are appropriately spec'd to UL 94v0 flammability rating so the chance for combustion prior to the short opening up is extremely small.

Description of the Cause : Dendritic growth occurred between the power and ground planes causing thermal destruction of the module.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name : PRPC

Component Description : Programable Relay Power Center

Component Part Number : S-M1521-xx

Supplier Identification :

Component Manufacturer

Name : Intermotive

Address : 12840 Earhart Ave
Auburn California 95602

Country : United States

Chronology :

Driverge Vehicle Innovations became aware of Intermotive PRPC module failures on 5/11/2022. Driverge immediately stopped shipment of all vehicles with the identified part number. All on-ground vehicles were inspected for the affected module and replaced if the nonconforming PRPC module was present. Review process completed 5/30/2022.

Description of Remedy :

Description of Remedy Program : Intermotive will provide all parts and labor free of charge to customers who identify assemblies with date code 0919. Customers can contact Intermotive Warranty at 530-823-1048 xt 103. Warranty will immediately send out a replacement harness for the repair and offer the necessary technical support during installation

How Remedy Component Differs from Recalled Component : The remedy is adding a fused data link harness that will prevent the thermal event from occurring.

Identify How/When Recall Condition was Corrected in Production : All remaining assemblies with date code 0919 have been removed from the supply chain. Additional high magnification inspection requirements are now in place for pcb's to identify any exposed copper from the PCB vendors

Recall Schedule :

Description of Recall Schedule : Driverge Vehicle Innovations has the utmost urgency to resolve this recall quickly and efficiently. Driverge Vehicle Innovations will send a suspected serial

number list to our
customers once a formal NHTSA id is provided.

Planned Dealer Notification Date : MAY 20, 2022 - MAY 20, 2022

Planned Owner Notification Date : MAY 20, 2022 - MAY 20, 2022

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 :

Address :

Country :

Company Phone :

* NR - Not Reported