

Part 573 Safety Recall Report

22V-182

Manufacturer Name : Reading Truck Body, LLC**Submission Date :** MAY 31, 2022**NHTSA Recall No. :** 22V-182**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Reading Truck Body, LLC

Address : 201 Hancock Blvd., PO Box 650

Reading PA 19607-0650

Company phone : 610-775-3301

Population :

Number of potentially involved : 187

Estimated percentage with defect : 20 %

Vehicle Information :

Vehicle 1 : 2019-2021 Reading Truck Group Master Mechanic Crane Body & Upfit

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : PICKUP TRUCK

Power Train : GAS

Descriptive Information : All vehicle upfits containing the PTO Timer Module in the bill of materials are included in the population. Any vehicle upfits not containing the PTO Timer Relay Module in the bill of materials are excluded from the population. Population containing the PTO Timer Module totals 187 vehicles.

Production Dates : MAY 01, 2019 - MAR 15, 2022

VIN Range 1 : Begin : 1FD0X5HT0KEF03682 End : 1FDNX6DE2NDF08508 ☒ Not sequential**Description of Defect :**

Description of the Defect : The PTO Timer Delay Relay module mounted under vehicle hood instead of in vehicle cab. Under hood mounting subjects the module to moisture which can lead to corrosion and malfunction which would cause the module to overheat.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : When overheating there is a potential risk of smoke being emitted which increases the risk of a crash or injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : Module functionality may be affected.

Involved Components :

Component Name 1 : Timer Relay

Component Description : Solid State Off-delay Timer Relay

Component Part Number : InPower VCM-04-10SA

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

One customer reported failure of the timer relay and as part of warranty claim, was requested to describe the description of events leading up to the claim. The customer stated that he smelt smoke which entered via the cab fresh air vents. When stopping to inspect, he triggered the circuit breaker which stopped the overheating of the Timer Relay module. The potential for smoke to be emitted when overheating due to malfunction resulted in the decision to declare this a recall due to the safety risk associated with the potential of smoke being emitted. Only one warranty claim received on 3/09/2022. No further warranty claims or defects reported to date. No deaths or injuries reported. Reading decided to conduct a safety recall on 03/24/2022.

Description of Remedy :

Description of Remedy Program : Inspect all vehicles contained in the population for the mounting location of the Off Delay Timer Relay. If mounted under the vehicle hood, replace with a new Off Delay Timer Relay which is rated to be used in this location and is not affected by the exposure to moisture and resultant corrosion. The replacement part and labor to perform the work will be provided at no cost to the customer. All costs incurred by the customer will be covered and reimbursed to the customer within 30 days of receipt of a warranty claim.

How Remedy Component Differs from Recalled Component : The remedy component is designed and tested to perform in under hood locations, exposed to moisture and will not corrode in these conditions.

Identify How/When Recall Condition was Corrected in Production :	Current inventory of the Off-delay Timer Relay Module has been quarantined, and bills of materials changed to remove the current part number and replace with the new part number for future orders. A quality alert has been published and provide to all installation sites, and inspection item has been added to pre-delivery quality inspection checklist.
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Recall Schedule :

Description of Recall Schedule :	Notification letters sent to 189 customers on 05/26/2022. Replacement parts received and recall population confirmed on 05/25/2022
Planned Dealer Notification Date :	MAY 02, 2022 - MAY 26, 2022
Planned Owner Notification Date :	MAY 02, 2022 - MAY 26, 2022

* NR - Not Reported