

Part 573 Safety Recall Report

20V-065

Manufacturer Name : Spartan Motors USA

Submission Date : FEB 06, 2020

NHTSA Recall No. : 20V-065

Manufacturer Recall No. : 20003



Manufacturer Information :

Manufacturer Name : Spartan Motors USA

Address : 1541 Reynolds Road

Charlotte MI 48813

Company phone : 517-543-6400

Population :

Number of potentially involved : 3,616

Estimated percentage with defect : 100 %

Vehicle Alterer Information :

Vehicle 1 : 2019-2019 Flt Vehicles-Utilimaster Sprinter

Descriptive Information : Vehicles affected by this recall are 2019 Sprinters that have been altered by Utilimaster by adding a back up camera system supplied by ASA Electronics. The monitor, Voyager VOM74MM with serial numbers beginning with an A, B, C, or D, are subject to ASA's recall 19E-069

Production Dates : APR 01, 2019 - OCT 03, 2019

Description of Defect :

Description of the Defect : In 19E-069, ASA asserts the Voyager VOM74MM monitor will not power up constantly and shows a black screen. The Relay/Capacitor module keeps power on the mirror monitor for several seconds after power is removed to prevent an image invert (See Recall 19E009). 12VDC is (supposed to be) supplied to the relay wire of the Relay/Capacitor module red wire labeled "BAT" from what should be constant battery power. Ignition power is supplied on the coil side of the relay/capacitor module. When Ignition voltage is supplied the relay closes and allows 12V power to the monitor. When ignition voltage is removed the capacitor part of the Relay/Capacitor module circuit keeps the coil of relay closed, keeping power on the monitor, for several seconds before the monitor turns off.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Without the mirror monitor the driver may not see a hazard or person behind them and would have to use side mirrors. Increases risk of an accident.

Description of the Cause : Electrical transients/fluctuations of the 2019 Sprinter Vans lead to premature failure of the Relay/Capacitor module which was installed in recall 19E009

Identification of Any Warning that can Occur : The monitor does not power up (show a display) at vehicle start up alerting the driver the monitor is not on.

Supplier Identification :**Component Manufacturer**

Name : ASA Electronics
Address : 2602 Marina Drive
Elkhart INDIANA 46514
Country : United States

Chronology :

On September 4, 2019 Spartan opened an internal investigation of claims involving back up camera monitors cutting out/or not powering up after vehicles were being remedied under 19E-009. Spartan began working with ASA on the matter and on 9/16/2019 a formal corrective action request was submitted to ASA Electronics. On October 3, 2019 ASA alerted Spartan to a forthcoming recall on vehicles that had previously been remedied under recall 19E-009 in addition to other vehicles. Between October 3, 2019 and January 27, 2020, Spartan and ASA exchanged information to try and determine which vehicles would be affected and on February 4, 2020 Spartan determined a risk to motor vehicle safety might exist in those vehicles.

Description of Remedy :

Description of Remedy Program : Remove Relay/Capacitor Harness Module and also replace the Voyager VOM74MM mirror monitor with one that is a Rev E (E is the first digit of the serial number located on the back of the monitor). ASA is supplying the Rev E monitor at no cost. ASA is allowing 1.0 hours of labor at normal repair rates to perform the recall.

How Remedy Component Differs from Recalled Component : Updated Monitor that does not have image inverting issues (recall 19E009) and repair Relay/Capacitor Module installed.

Identify How/When Recall Condition was Corrected in Production : Rev E was changed in production on or near 10/3/2019.

Recall Schedule :

Description of Recall Schedule : There are no dealers for these vehicles.
Planned Dealer Notification Date : NR - NR
Planned Owner Notification Date : FEB 13, 2020 - FEB 13, 2020

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