

Part 573 Safety Recall Report

22V-074

Manufacturer Name : Maintainer Corporation of Iowa, Inc.

Submission Date : FEB 09, 2022

NHTSA Recall No. : 22V-074

Manufacturer Recall No. : NR



Manufacturer Information :

Population :

Manufacturer Name : Maintainer Corporation of Iowa, Inc.

Address : 1701 2nd Ave.
Sheldon IA 51201

Company phone : 712-324-8125

Number of potentially involved : 11

Estimated percentage with defect : 100 %

Vehicle Alterer Information :

Vehicle 1 : 2021-2022 Maintainer Maintainer crane equipped service/mechanics truck bodies

Descriptive Information : The voluntary recall vehicles are 1-ton and 2-ton service bodies of various, optional configurations, but each contains a Maintainer installed Miller Enpak model A60GBH auxiliary power unit. Maintainer performed a part number search within our ERP system to determine which bodies contained this particular Miller Enpak Model. The Miller Enpak Model A60GBH is assembled to the Maintainer service bodies in a manner that differs from all other auxiliary power units therefore this model and service body configuration are the only units included in this recall.

Production Dates : SEP 17, 2021 - JAN 11, 2022

Description of Defect :

Description of the Defect : The service bodies involved in this recall are equipped with a Miller Enpak A60GBH that are installed by Maintainer. During installation, the Enpak's may have been installed in a manner that did not guarantee adequate clearance between the internal Enpak pulley/belt and the installed wire/cable/hoses. As a result, there is the possibility that contact between the pulley/belt and the wire/cable/hoses can occur and cause friction damage to the wire/cable/hoses, although no occurrences of this situation have been reported.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If contact between the pulley/belt in the Enpak and wire/cable/hoses occurs the insulation around wires/cables will be worn down, and potentially allow shorting between the intended power path. In one instance it is a 12-volt power cable going to the Enpak engine starter. This short-circuiting could lead to cable failure and presents a potential fire hazard. In another instance if the diesel fuel hose makes contact with the pulley/belt, the hose could wear through creating a diesel fuel leak while the Enpak is in operation. The

potential for leaking fuel and short-circuiting of electrical wires/cables creates a risk of fire and damage to the Enpak and service body. This would only occur while the Enpak is operating and not while the service body is traveling down the road.

Description of the Cause : The Miller Enpak contains a sheetmetal guard that is provided to protect wire/cable/hoses from coming in contact with the Enpak drive pulley/belt. Maintainer must remove this guard in order to install our body wiring to the Enpak. If this guard is re-installed incorrectly it can force the wire/cable/hoses up against the pulley/belt causing contact and creating wear on the wire/cable/hose.

Identification of Any Warning that can Occur : There could potentially be no warning if the defect occurs while the Enpak is operating. However, the Enpak may not start if the power cable is damaged and may stall if the fuel line is damaged and begins to leak fuel.

Involved Components :

Component Name : Miller Enpak A60GBH

Component Description : Auxiliary power unit

Component Part Number : 907814 and 907815

Supplier Identification :

Component Manufacturer

Name : Miller Electric Manufacturing Co.

Address : 1635 W. Spencer St. P.O. Box 1079
Appleton Wisconsin 54912-1079

Country : United States

Chronology :

During installation and wiring of a new Enpak unit, it was observed that the power cable was making contact with the Enpak belt. The cable was located above the Enpak sheetmetal guard instead of under or beside it. It was then determined that Maintainer had re-installed the sheetmetal guard incorrectly placing it under the cable instead of over the cable which allowed the cable to come in contact with the belt. In this instance the +12v power cable had to be removed from the machine and repaired due to contact with the belt. Realizing the potential for misassembly of the sheetmetal guard on previous completed and shipped bodies Maintainer sent notification of the potential issue and need to perform a visual inspection to the 11 effected dealers and customers on 2/4/2022.

Description of Remedy :

Description of Remedy Program : Maintainers authorized Dealers have been notified to perform a visual inspection on the 11 effected units to verify whether the sheetmetal guard is correctly installed to prevent contact between the belt/pulley and the wire/cable/hoses. Instructions have been provided on how to perform a proper visual inspection. Maintainer will have any necessary repairs completed by a Maintainer Dealer or end customer depending on the extend of any possible damage, and capability of the customer. This will be free of charge to our Dealers or Customers and Maintainer will reimburse for the components and labor.

How Remedy Component Differs from Recalled Component : The remedy will be proper installation of the sheetmetal guard, which prevents contact of the belt/pulley from wire/cable/hoses.

Identify How/When Recall Condition was Corrected in Production : All affected units in production had the remedy applied to them prior to final production. Training has been provided to employees performing the Enpak installation.

Recall Schedule :

Description of Recall Schedule : All affected dealers and customers have been notified by telephone as of 2/4/22. The notification letters will be mailed according to our specified dealer and owner begin and end dates.

Planned Dealer Notification Date : FEB 09, 2022 - MAR 24, 2022

Planned Owner Notification Date : FEB 09, 2022 - MAR 24, 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