

Part 573 Safety Recall Report

22V-074

Manufacturer Name : Maintainer Corporation of Iowa, Inc.

Submission Date : APR 08, 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 : 17

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 - FEB 09, 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. Miller Electric has informed us that the Enpak's have been designed in a manner that may compromise the cables/wires and fuel hose by contacting the pulley/belt. 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.

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 bracket to shield wires/cables/hoses from coming in contact with the Enpak drive pulley/belt. Maintainer must remove this shield in order to install our body wiring to the Enpak. Once the shield is re-installed, it can force the wires/cables/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 shielding bracket. It was then determined that during reinstallation of the shielding bracket that the wires/cables and fuel lines were being compromised if the shielding bracket was not re-positioned correctly. 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 shielding bracket on previous completed and shipped bodies, Maintainer sent notification of the potential issue and need to perform a visual inspection to the affected dealers and customers on 2/4/2022. Miller Electric was also contacted on this date of this Enpak issue.

Description of Remedy :

Description of Remedy Program : Maintainers authorized Dealers have been notified to perform a visual inspection on the affected units to verify whether contact has been made between the belt/pully and the wire/cable/hoses. Maintainer has now been made aware on 3/05/22 through certified mail of a remedy through Miller Electric service memo 1286. Miller has also provided field repair instructions along with an install repair kit. Maintainer will coordinate the repairs with Miller by providing them with dealer and customer locations. These repairs will be free of charge to our Dealers and Customers. If you have already paid for a remedy (e.g., repair, replacement, etc.) related to the defect described in this notice, you may be eligible for reimbursement of such costs by submitting a reimbursement claim to our customer service department. Reimbursement information document is included in Dealer and customer letters.

How Remedy Component Differs from Recalled Component : Please see the service memo no. 1286 and field instructions provided by Miller electric. The remedy will be Installation of a revised Shielding Bracket to shield the belt from the hydraulic, compressor, and fuel lines included in Miller's installation kit 291818.

Identify How/When Recall Condition was Corrected in Production : All affected units in production had a remedy applied to them prior to final production. This remedy was created before Miller came forward with their service memo 1286. All completed service trucks on the Maintainer premises with the Enpak's and all Enpak's in our inventory have been yellow tagged and will be repaired here on site by trained Miller Enpak personnel.

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