

Part 573 Safety Recall Report

22E-025

Manufacturer Name : MILLER ELECTRIC MFG. CO.

Submission Date : MAR 25, 2022

NHTSA Recall No. : 22E-025

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : MILLER ELECTRIC MFG. CO.
Address : 1635 WEST SPENCER STREET
 P.O. BOX 1070 APPLETON WI
 54912-1079
Company phone : 920-735-4355

Population :

Number of potentially involved : 296
Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : Miller Electric

Model : Miller EnPak A60 Series Diesel Engine-Driven All-In-One Air Compressor/Generator/Battery Charger/Crank Assist/Hydraulic Pump/Welder (models A60GB, A60GBH, A60GBHW)

Part No. : See chart Desc. Inf.

Size : NR

Function : NR

Descriptive Information : Miller EnPak A60 Series Diesel Engine-Driven All-In-One Air Compressor/Generator/Battery Charger/Crank Assist/Hydraulic Pump/Welder installed on work trucks. This affects all A60 series models, stock numbers and serial number ranges listed below.

Model	Stock number	Serial number range
A60GBHW	907815, 907815001	NB290697R – NC080172R
A60GBH	907814, 907814001	NB290697R – NC080172R
A60GB	907813, 907813001	NB290697R – NC080172R

The voluntary recall equipment is Miller EnPak A60 Series Diesel Engine-Driven All-In-One Air Compressor/Generator/Battery Charger/Crank Assist/Hydraulic Pump/Welder (models A60GB, A60GBH, A60GBHW). The EnPak A60 Series is installed on work trucks, Class 5 and above truck configurations, and integrates with the electrical and fuel system of the work truck for multiple applications on a jobsite identified above.

Production Dates : JUL 19, 2021 - FEB 15, 2022

Description of Defect :

Description of the Defect : There are two possible defects on the same vehicle equipment.

Belt Abrasion : During installation onto a work truck, the EnPak A60 Series can be installed in a manner that does not assure adequate clearance between the internal EnPak A60 Series drive pulley/belt and the installed ground wire, battery cables, and fuel line hoses, due to the size of the bracket and location of the wires, cables, and hoses. As a result, there is the possibility that contact between the drive pulley/belt and the ground wire, battery cables, and fuel line hoses can occur and cause friction damage to the ground wire, battery cables, and fuel line hoses.

Output Inductor to Frame Contact : The EnPak A60 Series was manufactured in a way that the output inductor could possibly contact the frame, due to lack of clearance between the output inductor and frame.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : **Belt Abrasion :** If contact between the drive pulley/belt and ground wire or battery cables provided with the EnPak A60 Series occurs, the ground wire insulation or battery cable(s) insulation can be abraded, potentially causing shorting between the ground wire and battery cables or between the battery cables. This shorting can lead to excessive electric current and a potential fire hazard. If contact between the drive pulley/belt and fuel line hoses provided and installed by the truck upfitter occurs, the fuel line hoses can be abraded, potentially causing a fuel leak. The potential for leaking fuel and shorting of the ground wire or battery cables creates a risk of fire and damage to the EnPak A60 Series and work truck.

Output Inductor to Frame Contact : If contact between the output inductor and the frame of the EnPak A60 Series occurs, there is a potential for an electric arc and/or an unintended path for electric current to flow. This creates a risk of fire and damage to the EnPak A60 Series and work truck. This can only occur while the EnPak A60 Series is operating and not while the work truck is traveling on a roadway.

Description of the Cause : **Belt Abrasion :** During installation of the EnPak A60 Series onto the work truck, the fuel line hoses are installed and routed with the ground wire and battery cables near the drive pulley/belt. If the ground wire, battery cables, and fuel line hoses are not adequately bundled and secured, they can contact the drive belt/pulley. Abrasion of the ground wire, battery cables, and fuel line hoses can occur during operation of the EnPak A60 Series.

Output Inductor to Frame Contact : The output inductor was manufactured in a way that, due to lack of clearance between the output inductor coil and the EnPak A60 Series frame, it could possibly cause the output inductor coil to contact the EnPak A60 Series frame.

Identification of Any Warning that can Occur : There could potentially be no warning if the defect occurs while the EnPak A60 Series is operating. However, the EnPak A60 Series might not start if the battery cables are damaged or might stall if the fuel line hoses are damaged. Additionally, performance degradation of the EnPak A60 Series might be noticed due to output inductor contact with the frame.

Involved Components :

Component Name : WIRE,STRD 12GA GRN/YEL 600V 125C 65X30 XLPF.15

Component Description : Ground Wire

Component Part Number : 177130

Component Name : CABLE,WELD COP STRD NO 2 EPDM JKT

Component Description : Battery Cable

Component Part Number : 600319

Component Name : BRACKET PLATE,SLIDE DOWN

Component Description : Bracket

Component Part Number : 288947

Component Name : INDUCTOR,OUTPUT

Component Description : Output Inductor

Component Part Number : 284766

Component Name : BRACKET,BAFFLE LOWER

Component Description : Baffle Lower Bracket

Component Part Number : 288440

Supplier Identification :

Component Manufacturer

Name : Miller Electric Mfg LLC
Address : 1635 West Spencer Street
Appleton Wisconsin 54912
Country : United States

Chronology :

Belt Abrasion : Miller Electric was notified by a truck upfitter on January 25, 2022, that during installation of an EnPak A60 Series onto a work truck, the ground wire and battery cables were abraded. The truck upfitter determined that the ground wire and battery cables were contacting the drive pulley/belt. Miller Electric was notified by a second truck upfitter of the same issue on January 26, 2022. On January 28, 2022, after further investigation of EnPak A60 Series units in Miller Electric's factory, Miller Electric confirmed that it is possible for the ground wire or battery cables provided by Miller Electric, or fuel line hoses provided and installed by the truck upfitter, to contact the drive pulley/belt. Due to Miller Electric's initial investigation, no additional EnPak A60 Series units were shipped after January 28, 2022. On February 3, 2022, Miller Electric examined an EnPak A60 Series unit to begin developing a corrective action. **Output Inductor to Frame Contact :** During Miller Electric end of line testing of the EnPak A60 Series on February 16, 2022, a production unit did not pass the dielectric strength test. Miller Electric evaluated the production unit and determined that the output inductor coil was contacting the EnPak A60 Series frame. After further inspection, Miller Electric noticed that the output inductor coil was contacting the EnPak A60 Series frame on multiple production units. On February 17, 2022, it was determined that the output inductor was manufactured in a way that it could possibly cause the output inductor coil to contact the EnPak A60 Series frame.

Both Issues: On February 17, 2022, the corrective actions for both were reviewed and finalized, and Miller Electric determined that corrective actions should be performed on all 296 EnPak A60 Series units that had been delivered to truck upfitters. On 2/21/22, product recall letters were finalized. Important Product Safety Warning letters were sent to distributors on 2/28/22.

Description of Remedy :

Description of Remedy Program : Belt Abrasion : The corrective action/remedy has been documented as Miller Electric Service Memo 1286 and Field Instruction F290964. The corrective action is to (a) visually inspect the ground wire, battery cables and fuel line hoses for damage and replace if they are damaged, and (b) replace the applicable bracket with a larger bracket supplied by Miller Electric. Instructions are provided to reroute the ground wire, battery cables, and fuel line hoses under a larger replacement bracket, which prevents the ground wire, battery cables, and fuel line hoses from contacting the drive pulley/belt, and to discard the original bracket.

Output Inductor to Frame Contact : The corrective action/remedy has been documented as Miller Electric Service Memo 1287 and Field Instruction F291875. The corrective action is to follow the Field Instructions to remove and discard the original frame bracket and install the provided replacement bracket that has a cutout, which provides adequate clearance between the output inductor coil and the EnPak A60 Series frame.

How Remedy Component Differs from Recalled Component : Belt Abrasion : The remedy will be rerouting the ground wire, battery cables, and fuel line hoses under a larger replacement bracket, which prevents contact with the drive belt/pulley.

Output Inductor to Frame Contact : The remedy component is a bracket with a cutout versus the recalled component with no cutout. The remedy component provides adequate clearance between the output inductor coil and the EnPak A60 Series frame.

Identify How/When Recall Condition was Corrected in Production : Replacement brackets to address both the belt abrasion and output inductor to frame contact have been installed on all affected EnPak A60 Series units in production and inventory beginning February 17, 2022. Training has been provided to employees performing EnPak A60 Series assembly.

Recall Schedule :

Description of Recall Schedule : All affected distributors (truck upfitters) were notified in writing through provision of Important Product Safety Warning letters on February 28, 2022. In addition, all affected distributors (truck upfitters) were notified by telephone as of March 11, 2022. In addition, Miller Electric will submit to NHTSA, for its review, additional notices to each affected distributor (truck upfitters) as well as notices to end users.

Planned Distributor Notification Date : See preceding paragraph.

Planned End User Notification Date : See preceding paragraph.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

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 : ADKINS TRUCK EQUIPMENT CO

Address : 11336 REAMES RD
Charlotte NC 28269

Country : US

Company Phone : 7045962299

Name : ACE TRUCK BODY INC

Address : 1600 THRAILKILL RD
GROVE CITY OH 43123

Country : US

Company Phone : 6148703860

Name : ASPEN EQUIPMENT CO

Address : 11475 S 153RD ST
OMAHA NE 68138

Country : US

Company Phone : 9528882525

Name : AUTO CRANE INC

Address : 4707 N MINGO RD
Tulsa OK 74117

Country : US

Company Phone : 9184382760

Name : CARCO INDUSTRIES

Address : 50 S 47TH AVE
Phoenix AZ 85043

Country : US

Company Phone : 5036126527

Name : CARCO INDUSTRIES, INC

Address : 20803 SW 105TH AVENUE
Tualatin OR 97062

Country : US

Company Phone : 5036126527

Name : CHEROKEE TRUCK EQUIPMENT, LLC
Address : 550 Discovery Place
MABLETON GA 30126
Country : US
Company Phone : 7708199146

Name : COBALT TRUCK EQUIPMENT
Address : 345 W KARCHER RD
NAMPA ID 83687
Country : US
Company Phone : 2088877788

Name : Conk Shell LLC
Address : 103 MERRIMACK TRAIL
Pinedale WY 82941
Country : US
Company Phone : NR

Name : CSTK
Address : 420 CARRIE AVE
St. Louis MO 63147
Country : US
Company Phone : 3147716666

Name : DOT SALES & SUPPLIES INC
Address : 880 BLACKLAWN ROAD
CONYERS GA 30094
Country : US
Company Phone : 7709291001

Name : GENERAL BODY & EQUIP LTD
Address : 3310 MILLAR AVE
SASKATOON 00 S7K 5Y7
Country : CA
Company Phone : 3062423250

Name : GENERAL TRUCK BODY
Address : 7110 JENSEN DR
HOUSTON TX 77093
Country : US
Company Phone : 8003958585

Name : GENEVE CONSTRUCTION COMPANY
Address : 1350 AURORA AVE
AURORA IL 60505
Country : US
Company Phone : NR

Name : HERITAGE INDUSTRIES
Address : 4055 S 500 W
Murray 00 84123
Country : NR
Company Phone : 8019043735

Name : INTERCON TRUCK EQUIP INC
Address : 142A CONCHESTER HWY
ASTON PA 19014
Country : US
Company Phone : 6103649500

Name : KNAPHEIDE MFG COMPANY
Address : 8665 COUNTY RD 346
TAYLOR MO 63471
Country : US
Company Phone : 2172231848

Name : KNAPHEIDE TRUCK EQUIPMENT
Address : 4725 NEW MIDDLE RD
JEFFERSONVILLE 00 47130
Country : NR
Company Phone : 5022497289

Name : LES INDUSTRIES HALRAI INC
Address : 340 MARIE CURIE
VAUDREUIL-DORION 00 J7V 5V5
Country : CA
Company Phone : 4504556802

Name : LEVAN MACHINE & TRUCK EQUIPMENT
Address : 191 OAKVIEW DR
Trafford 00 15085
Country : NR
Company Phone : 6109440321

Name : LODI TRUCK & EQUIPMENT
Address : 724 HARBOR BLVD
WEST SACRAMENTO 00 95691
Country : NR
Company Phone : 9163725655

Name : MAINTAINER CORPORATION
Address : 1701 S 2ND AVENUE
Sheldon 00 51201
Country : NR
Company Phone : 7123243526

Name : MONROE TRUCK EQUIPMENT
Address : 1151 W MAIN AVE
DePere 00 54115
Country : NR
Company Phone : 9203366068

Name : NICHOLS FLEET EQUIPMENT
Address : 2401 E 31ST STREET
Chatanooga TN 37407
Country : US
Company Phone : 4236227528

Name : NOR-MAR INDUSTRIES LTD
Address : 682 OKANAGAN AVE E
Penticton 00 V2A 3K7
Country : CA
Company Phone : 2504927866

Name : ORO DESIGN & MFG LTD
Address : 3 SMALL CRESCENT, RR#1
Hawkestone 00 LOL 1T0
Country : CA
Company Phone : 7053271506

Name : PALFINGER USA
Address : 400 FREEDOM DR
Napolean OH 43505
Country : US
Company Phone : 4194488156

Name : Palfinger USA
Address : 4101 TRAILER DRIVE
Charlotte NC 28269
Country : US
Company Phone : 4194488156

Name : Palfinger USA
Address : 4151 WEST STATE RTE 18
Tiffin OH 44883
Country : US
Company Phone : 4194488156

Name : SHELLY & SANDS INC
Address : 3840 DURANT RD
Zanesville OH 43701
Country : US
Company Phone : NR

Name : SMYRNA TRUCK AND CARGO
Address : 650 HAMMOCK RD NW
MILLEDGEVILLE GA 31061
Country : US
Company Phone : 8443040010

Name : SOUTHWEST PRODUCTS CORP
Address : 11690 N 132ND AVE
SURPRISE AZ 85379
Country : US
Company Phone : 6022693581

Name : STELLAR INDUSTRIES, INC
Address : 480 W 3RD STREET
Garner IA 50483
Country : US
Company Phone : 6419233741

Name : SUMMIT TRUCK BODIES
Address : 990 VERNON RD
WATHENA KS 66090
Country : US
Company Phone : 8669853100

Name : TEAMCO INC
Address : 27065 KERSLAKE PLACE
TEA SD 57064
Country : US
Company Phone : 6054980610

Name : The Fab Shop LLC
Address : 10315 16TH ST E
Edgewood WA 98372
Country : US
Company Phone : 2535689124

Name : TRANSPORT EQUIPMENT CO
Address : 3416 SYLVESTER RD
ALBANY GA 31705
Country : US
Company Phone : 2294350254

Name : TRUCKMAX HOMESTEAD
Address : 29120 S DIXIE HWY
HOMESTEAD FL 33033
Country : US
Company Phone : 3058479382

Name : WILCOX BODIES LTD
Address : 550 MC GEACHIE DR
MILTON 00 L9T 3Y5
Country : CA
Company Phone : 9052039995

Name : WILLAMETTE VALLEY COMPANY
Address : 990 OWEN LOOP N
Eugene OR 97402
Country : US
Company Phone : 5414849621

* NR - Not Reported