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IMPORTANT SAFETY RECALL

This notice applies to your vehicle. Refer to the provided list.

NHTSA Recall Number: 23V525

Transport Canada Number: 2023-424

Altec Identifier: CSN-3103

December 22, 2023

Dear Altec Owner,

For US owners, this notice is sent to you in accordance with the *National Traffic and Motor Vehicle Safety Act*. For Canadian owners, this notice is sent to you in accordance with the requirements of the *Motor Vehicle Safety Act*. This is to inform you that your vehicle may contain a defect that could affect the safety of a person.

Altec Industries, Inc. has decided that a defect which relates to motor vehicle safety exists in certain Altec units equipped with Samlex inverters built from March 2022 through June 2023. Certain Samlex power inverter models require a circuit breaker on the 120-volt AC output cable. If the circuit breaker is not installed, **this can allow an overload on the circuit, increasing the risk of an injury and fires.**

Refer to the included notice for the items covered under the Altec Warranty Policy. If you had this repair performed before you received this notice, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this recall. All work will be performed at no charge to the customer when presented for repair.

Compare your unit's identifying information with the provided list to verify your unit is affected. You may also contact Altec or view your fleet through Altec Connect to determine if there are any other outstanding notices.

The repair can be performed by the customer, or you may contact Altec for further assistance. The repair is expected to take 3 hours and one person to complete.

If you have sold or retired the unit, update the records through Altec Connect. If you have leased this equipment to another person or company, you are required by Federal Law to forward a copy of this notice to the lessee by first class mail within ten (10) days of the receipt of this notice.

For US owners: After contacting Altec, if you are still not able to have the safety condition remedied without charge and within a reasonable time, you may submit a complaint to: Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue SE, Washington, DC 20590 or call toll-free 1-888-327-4236 (TTY: 1-800-424-9153) or go to <http://www.safercar.gov>.

For Canadian Owners: If you are still not able to have the safety condition remedied by your dealer within a reasonable time, please contact Altec.

We regret this inconvenience; however, we are taking this action in the interest of your safety and continued satisfaction with Altec products.

Thank you for your immediate attention on this important matter.



Samlex Inverter Circuit Breaker

Units Affected: Certain Altec units equipped with Samlex inverters built March 2022 to June 2023. Verify your unit is affected by reviewing the attached list or accessing Altec Connect.

Background: Altec has learned that certain Samlex power inverter models require a circuit breaker on the 120-volt AC output cable(s). If the circuit breaker is not installed, this can allow an overload on the circuit, increasing the risk of an injury and fires.



Death or serious injury and property damage could result from a fire. Follow the procedure outlined in the Modified Operation section until the Circuit Breaker Installation Kit is installed.

Customer Action: Inspect the Samlex inverter using the Inspection Procedure beginning on page 3. Depending on the results of the inspection, order and install the Circuit Breaker Installation kit(s), part numbers 991662439, 991692754, or 991692741, or schedule the installation of the kit(s) by Altec. The kit(s) must be installed by the next preventive maintenance cycle or within 90 days of receipt of this notice, whichever comes first. The unit may be kept in service pending the installation of the kit by following the modified operation.

Modified Operation: Unplug all accessories from the Samlex inverter and turn off the inverter when the vehicle is unattended.

Subsequent damage due to failure to perform the required action(s) in the time period allowed will not be covered by warranty.

Requirements: The inspection will take 30 minutes and 1 person to complete. Every affected unit requires the installation of the proper kit(s) for completion. The repair is estimated to take 3 hours and 1 person to complete.

Completion and Warranty: The inspection and repair are covered under the Altec Warranty Policy and can be performed by Altec, the customer, or the customer's preferred warranty provider. Altec will perform the work for free at an Altec facility. If the customer or the customer's warranty provider performs the work, a warranty claim must be submitted to be reimbursed for the cost of the parts and/or labor. Altec will allow up to \$45.00 for the inspection and up to \$270.00 for the labor to perform the repair. Customers are responsible for the travel costs of an Altec Mobile Service technician if the technician performs the repair at the owner's location.

Altec Contact Info:

Altec Connect: connect.altec.com/login



Phone: 1-877-GO ALTEC (1-877-462-5832) | Options: 1 - Parts; 2 - Shop Service; 3 - Mobile Service; 4 - Technical Support; 5 - Global Rental Service Request; 6 - Chassis Repair

Table with 2 columns: Description, Altec Use Only. Rows include Inspection labor, Repair labor, Account #, Travel, NHTSA code, Prime fail P/N, and Doc ref.

Table with 4 columns: Description, Part No., Qty, Warranty. Row includes Circuit breaker installation kit with part numbers 991662439, 991692754, 991692741, AR, and Yes.

Inspection Procedure: Normal mechanic's hand tools are required for this inspection. Read and understand all steps of the instructions before beginning the procedure.

1. Position the unit on a level surface, apply the parking brake, and turn off the engine. Remove the key from the ignition, and secure it following your employer's vehicle lockout/tagout procedure. Chock the wheels.
2. Locate the remote inverter upfitter switch, if equipped. Make sure the switch is in the Off position. The switch may be located in the cab or near the inverter.
3. Refer to the electrical schematic in the unit's Maintenance and Parts Manual, or Altec Connect, to locate the 12VDC circuit breaker or 12VDC fuse from the battery source supplying the inverter 12VDC input. The circuit breaker or fuse may be located near the main or auxiliary chassis battery (refer to Figures 1 and 2). Remove and retain the 12VDC circuit breaker or 12VDC fuse.



Figure 1 — Inverter Fuse Installed on Tailshelf Auxiliary Battery



Figure 2 — Inverter Fuse Installed Under the Chassis Hood

4. Locate the Samlex inverter. The inverter may be located in the cab of the vehicle or in one of the vehicle compartments. Empty the inverter compartment to allow for easy access to the inverter, if necessary.
5. Remove and retain the inverter cage face, controller module, and all hardware (refer to Figure 3). Make sure to unplug the modular plug from the controller module before removal, if equipped.

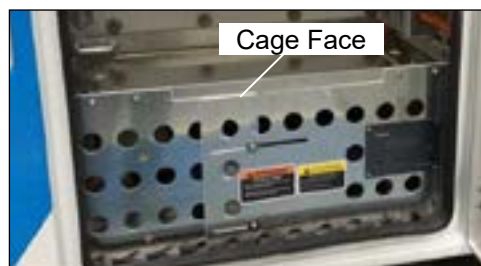


Figure 3 — Inverter

6. Locate the 120-volt AC output cable(s) installed in the back of the inverter. The unit may be equipped with 1 or 2 output cables (refer to Figures 4 and 5). Remove the entire inverter cage to access the cable(s), if necessary.

7. Record the color and number of output cables in Figure 6.
8. Remove the inverter front access panel and locate the 120-volt AC output wiring. The unit may be equipped with single or double inverter connections (refer to Figures 7 and 8). Retain the cover and the hardware.

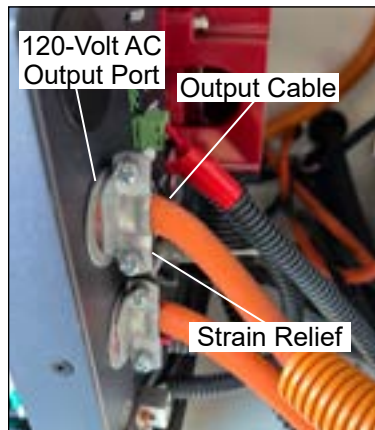


Figure 4 — Single 120-Volt AC Output Port and Cable

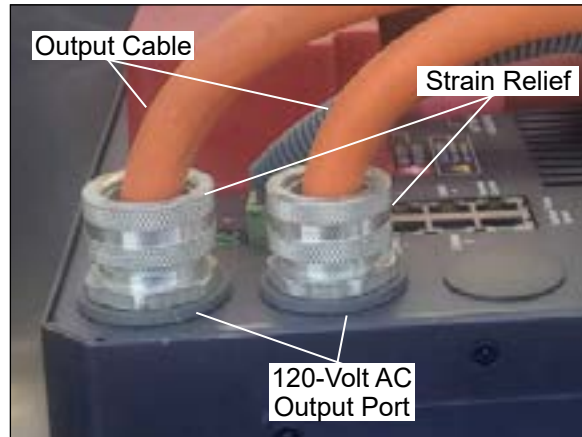


Figure 5 — Dual 120-AC Output Ports and Cables

9. Record the number of output connections in Figure 6.

Inspection	Results
Color of Output Cables	<input type="checkbox"/> Orange <input type="checkbox"/> Gray
Number of Output Cables	<input type="checkbox"/> 1 <input type="checkbox"/> 2
Number of Output Connections	<input type="checkbox"/> 1 <input type="checkbox"/> 2

Figure 6 — Inspection Results

10. Review the inspection results.
 - If the unit is equipped with 1 orange output cable and a single output connection:
 - Order 991662439 x 1
 - If the unit is equipped with 1 orange output cable and dual output connections:
 - Order 991662439 x 1 and 991692741 x 1
 - If the unit is equipped with 2 orange output cables and a single output connection:
 - Order 991662439 x 2
 - If the unit is equipped with 2 orange output cables and dual output connections:
 - Order 991662439 x 2 and 991692741 x 2
 - If the unit is equipped with 1 gray output cable and a single output connection:
 - Order 991662439 x 1 and 991692754 x 1

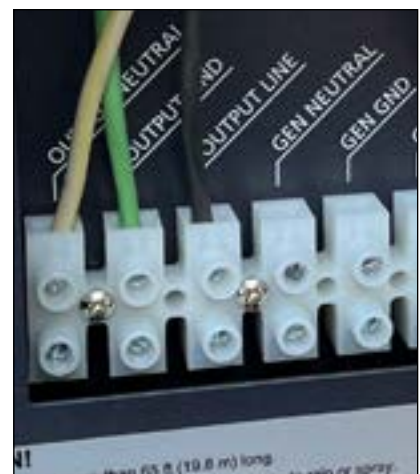


Figure 7 — 120-Volt Single Connection AC Output Wiring

11. Repair is required. Perform steps a through d below.
 - a. Put the unit back into service. Follow the modified operating procedure outlined on page 1 until the

required kit(s) are installed.

- b. Arrange for the installation of the required kit(s) as determined in step 10 using one of the methods below.
 - Contact Altec Service to schedule the installation of the kit.
 - Contact Altec Parts to order the kit, and schedule for your own technician or your third party provider to install the kit.
- c. Install the kit upon receipt.
- d. Put the unit back into service.



**Figure 8 — 120-Volt
Double Connection
AC Output Wiring**

Rev.	Date	Description
A	09/23/2023	Released
B	12/22/2023	Added inspection procedure and additional kit numbers