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**TECHNICAL BULLETIN
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Possible Electrical Transformer Defect

Technical Bulletin Reference No. 2110-001

Introduction

A supplier of an electrical transformer to the Lancer supply-chain has notified us of a potential defect.

Lancer purchases a 24V transformer from Basler for 115V product platforms (CED, IBD, ICDI). An internal circuit breaker inside the transformer has been found to not trip as designed should an overload were to occur. The circuit breaker is a standard part that is used in many products across several industries. In the rare occurrence of an down stream electrical component failure, the defective circuit breaker could allow the failed transformer to overheat. We are not aware of any equipment malfunctions relating to the transformers in question.

Basler has identified the effected date codes for their Transformers (Lancer PN 25-0047/01 or CCPN 25609). The datecodes between 1435 to 1446 are defective and should be replaced. The transformer date code can be found on the manufactures label locate on the component itself (see below). Lancer has already identified all impacted equipment with these effected transformers.

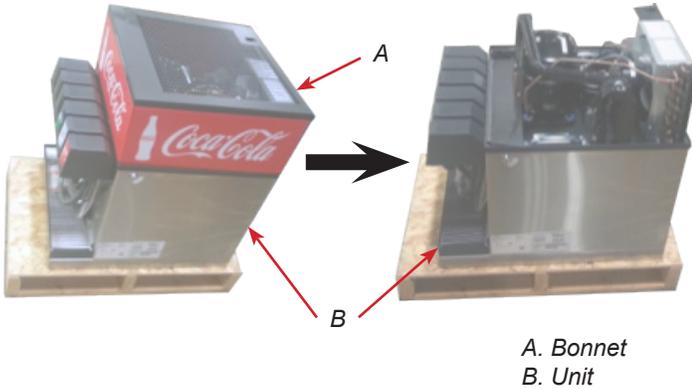


Below are instructions on how to identify and replace, if needed, the effected electrical transformer for both the CED and IBD platforms:

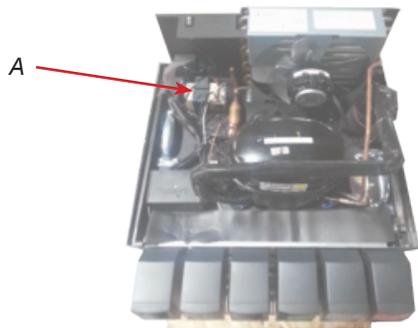
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Installation - CED

1. Check the current status of the unit: If the unit is still in its packaging, cut bands using a knife/cutter and lift top portion of carton then remove top inner carton pad and corners. If unit is in use, unplug from power.
2. Remove the bonnet from the unit by lifting up.



3. Locate the effected transformer.



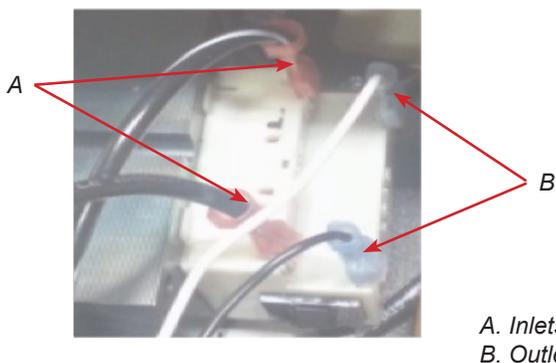
4. Using pliers, disconnect the four (4) faston cables from the transformer.

NOTE

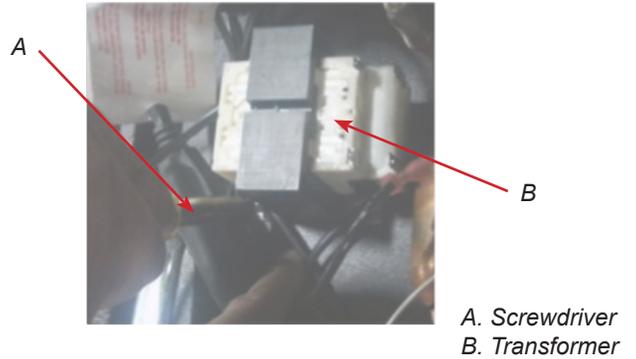
The two (2) thick cables on the left (black with white ribbon and black) are the inlets. The two (2) thin cables on the right (white and black) are the outlets.

CAUTION

Be careful not to pull from the cable but from the terminal so to avoid damaging the cable to terminal connection.



5. Using a screwdriver, remove the transformer from the deck by removing the two (2) screws (1 in the front, 1 in the back).



6. Install new transformer in the same location using the two (2) screws from previous step.
7. Reconnect the four (4) cables removed from old transformer on Step 5.

NOTE

The two (2) thick cables on the left (black with white ribbon and black) are the inlets. The two (2) thin cables on the right (white and black) are the outlets.

CAUTION

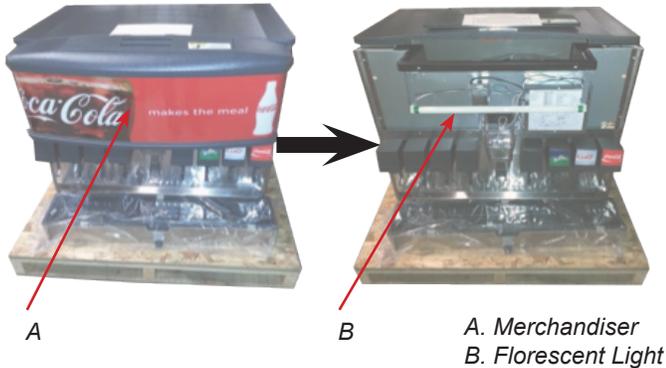
Make sure that the inlet black with white ribbon cable matches with the outlet white cable and the inlet black cable matches with the outlet black cable.

8. Reinstall the bonnet onto the unit.
9. Repackage the unit or connect back to power as needed.

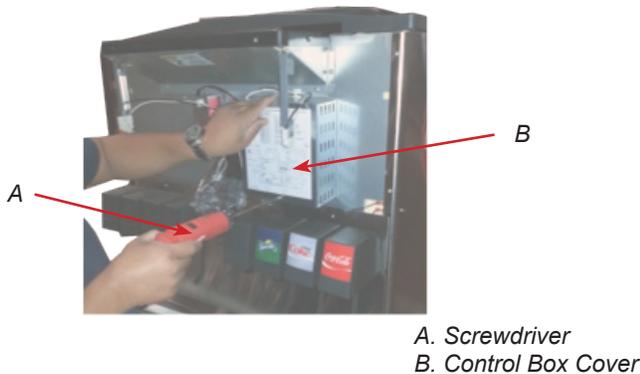
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Installation - IBD

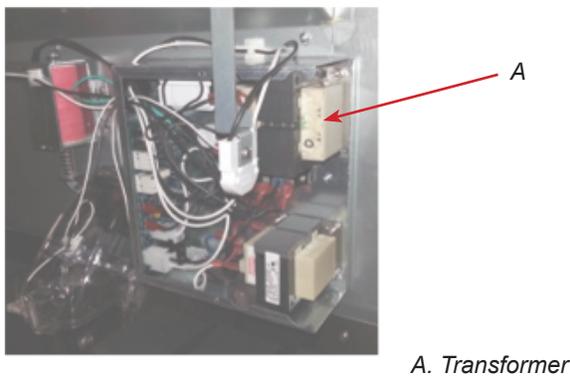
1. Check the current status of the unit: If the unit is still in its packaging, cut bands using a knife/cutter and lift top portion of carton then remove top inner carton pad and corners. If unit is in use, unplug from power.
2. Remove the merchandiser from unit by lifting and pulling out.



3. Remove florescent light bulb by turning and pulling out.
4. Using a screwdriver, remove the control box cover by removing the two (2) screws on front of the control box.



5. Locate the effected transformer inside the control box toward the right of the unit.



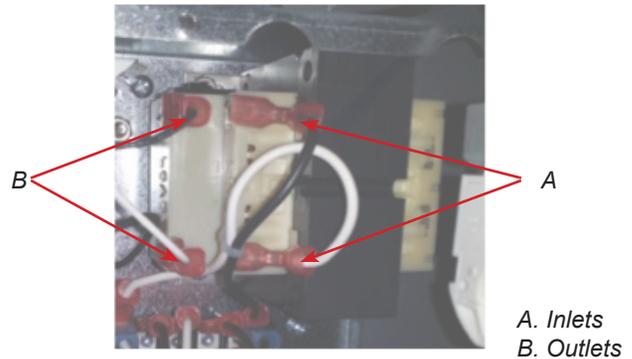
6. Using pliers, disconnect the four (4) faston cables from the transformer.

NOTE

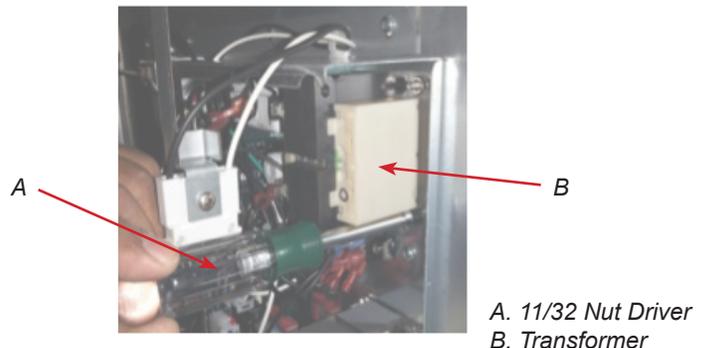
The two (2) thick cables on the left (black with white ribbon and black) are the inlets. The two (2) thin cables on the right (white and black) are the outlets.

CAUTION

Be careful not to pull from the cable but from the terminal so to avoid damaging the cable to terminal connection.



7. Using a 11/32 inch nut driver, remove the four (4) nuts holding the transformer in place. Once without the nuts, pull the transformer out from the fixed screws.



8. Install new transformer in the same location the four (4) nuts from the previous step.
9. Reconnect the four (4) faston cables removed from the old transformer in Step 6.

NOTE

The two (2) thick cables on the left (black with white ribbon and black) are the inlets. The two (2) thin cables on the right (white and black) are the outlets.

CAUTION

Make sure that the inlet black with white ribbon cable matches with the outlet white cable and the inlet black cable matches with the outlet black cable.

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Installation - IBD cont.

1. Reattach the control box cover using the two (2) screws from Step 5.
2. Replace light bulb by sliding it into the balast and turning it to lock in place.
3. Reinstall the merchandiser to the unit.
4. Repackage the unit or connect back to power as needed.

Delta III Metal Bonnet Update

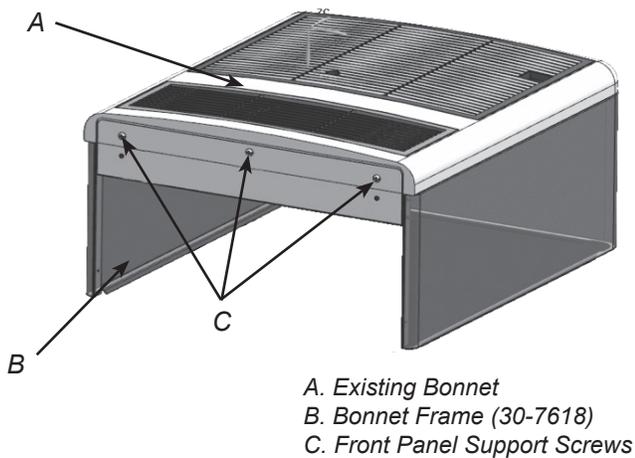
Technical Bulletin Reference No. 2110-002

Introduction

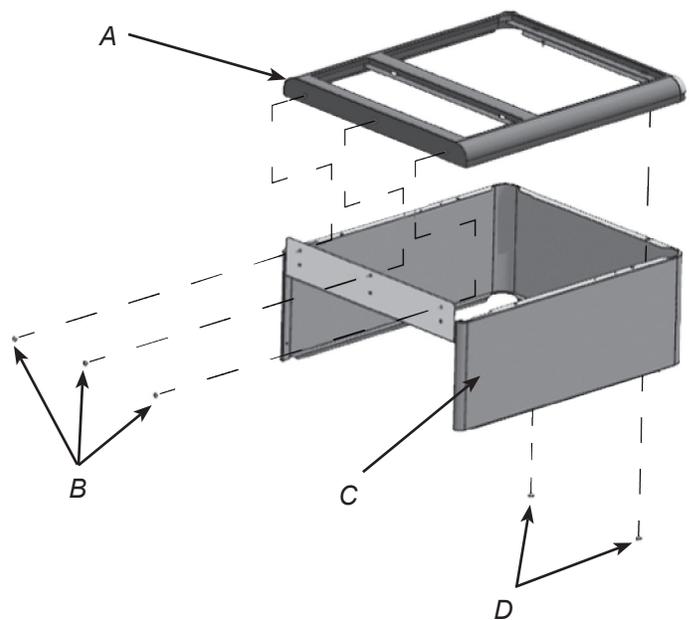
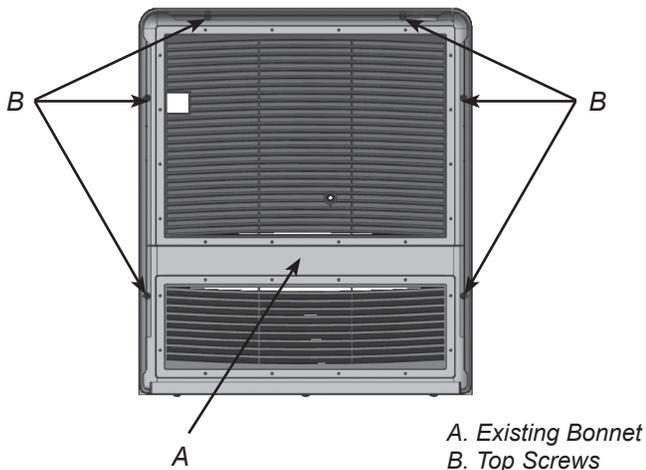
Lancer is proud to introduce an aesthetic enhancement for the Delta III Pro unit bonnet. This structural improvement was made with our efforts to continually provide added value such as overall unit strength and stability based on customer feedback from some of our fastest growing markets.

Installation

1. Remove existing bonnet by first removing the three (3) front panel support screws.
3. Install new metal bonnet to existing frame using the existing three (3) front panel support screws and the two (2) top hex nuts supplied.

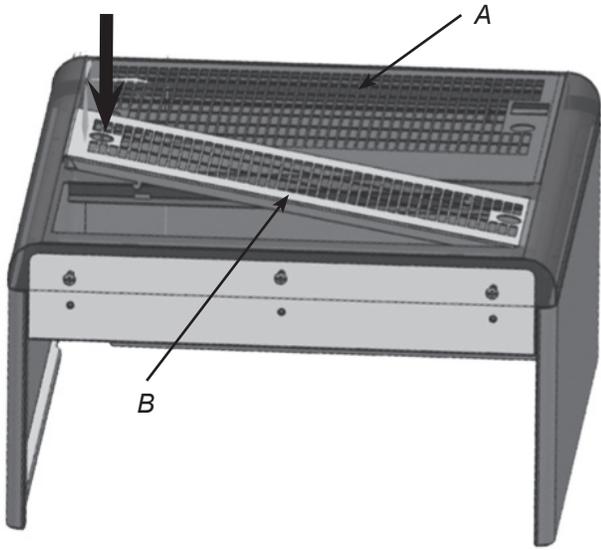


2. Remove the six (6) top screws then remove existing bonnet.

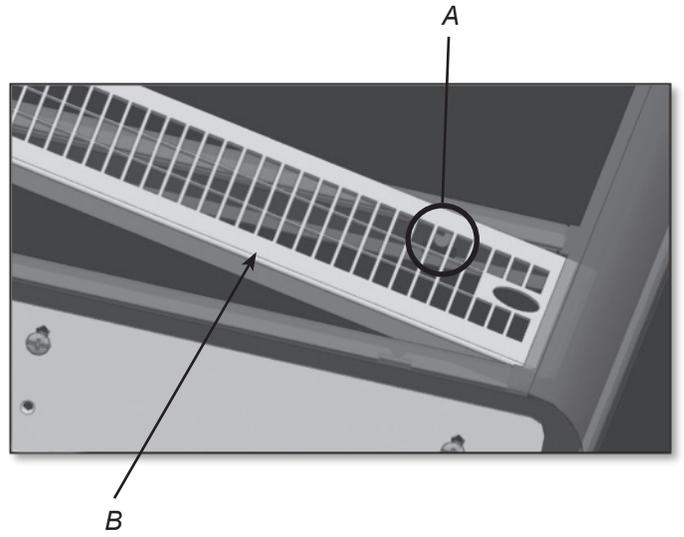


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1. Slide angled grills into place on metal bonnet, ensuring hook assembly connects to bonnet cut-out.



A. Angled Grill (30-11034)
B. Angled Grill (30-11035)



A. Hook Assembly
B. Angled Grill (30-11035)