

**PURPOSE**

There has been a change in the supplier of the start capacitor used on Single Phase SC1000/SC1500 units, implemented to help reduce overall cost to customers. As a result of this change, the new capacitor differs in physical size and can no longer be mounted to the motherboard in the same manner as the previous version. This change required a new part number to be assigned to the updated capacitor.

The previous capacitor (Part Number 5882) will remain available until existing inventory is depleted; however, it will be priced higher than the new capacitor. Future shipments of Single Phase SC1000/SC1500 units will contain the updated start capacitor (Part Number 726182-1). This lower-cost capacitor is also available immediately as a spare part for service and replacement needs.

Due to differences in physical design, the new capacitor will be installed in the same general area as the previous version. However, when replacing a Part Number 5882 capacitor on an existing unit, the mounting method will need to be modified accordingly.

COMPLIANCE CATEGORY☐ Safety

Failure to comply with this product update could result in personal injury and/or death. Compliance is mandated within a specific operating time.

☐ Compliance Required

Identifies the need for action to correct a condition that, if left uncorrected, may result in reduced equipment reliability or efficiency. Compliance may be required within a specific operating time.

☐ Optional

Identifies changes that may be beneficial to some, but not necessarily all. Accomplishment at customers discretion.

☒ Notification

Customer communication

PRIORITY CODE☐ 1

Prior to unit startup or prior to continued operation (Immediate Action Required)

☐ 2

At first opportunity (Prior to Next Scheduled Maintenance Interval)

☐ 3

Next Scheduled Maintenance Interval

☒ 4

Notification

PRODUCT MODELS AFFECTED

SC1000/1500

COMPONENT SYSTEM☒ Electrical☐ Mechanical☐ Safety☐ Other:**SUB-COMPONENT**

5220 MOTHERBOARD ASSY;1PH

ACTION REQUIRED

Due to a significant size difference between the legacy capacitor (P/N 5882) and the updated capacitor (P/N 726182-1), a minor modification is required to ensure proper fitment. When replacing P/N 5882 with P/N 726182-1, the new capacitor must be installed in the existing location and securely fastened to the motherboard bracket using an approved securing method. Refer to the procedure below for detailed installation instructions.

Parts Required:

1 ea	726182-1	CAPACITOR;START;130-156mF;330V
1 ea	5851	CABLE TIE;PANDUIT #PLT-3S-MO



Tools Required:

1 ea	T-Handle	Size 4mm
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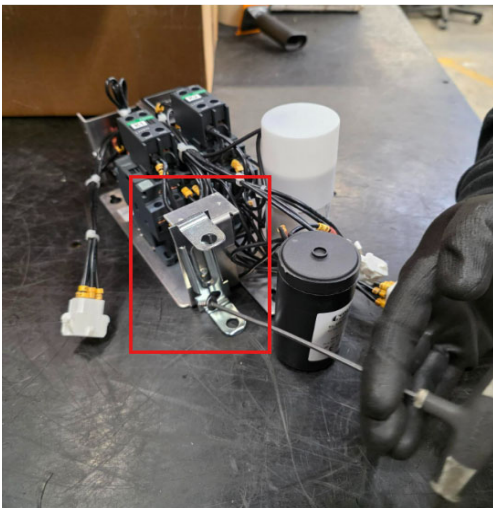
Pre-Work Safety Requirements:

Prior to performing this procedure, ensure the following safety measures are in place:

- Verify appropriate Personal Protective Equipment (PPE) is worn at all times, including but not limited to: safety glasses, insulated gloves, and any site-specific protective gear as required.
- Confirm the capacitor has been fully discharged via dump resistor to eliminate the risk of electrical shock.

Step 1 – Capacitor Bracket Removal

Using a 4 mm T-handle, remove the capacitor bracket housing P/N 5882 as shown below.



Step 2 – Capacitor Installation to Bracket

Once the bracket is removed, secure the new capacitor (P/N 726182-1) to the existing bracket using cable tie (P/N 5851), as shown below. Ensure the excess cable tie stem is trimmed flush after installation.





Step 3 – Capacitor Preparation

Prior to disconnecting any wiring from the existing capacitor, document the wire configuration. This can be accomplished by labeling them per contact orientation.



Step 4 – Electrical Connections

If the terminals were not insulated fully, replace and connect the wires with new fully insulated connectors as shown to the corresponding terminals on the new capacitor (P/N 726182-1), ensuring proper placement per the original configuration. - **FINISHED**

