

GTEMP-0225 Rev 1

Replacing the JZ036 PFC Board



WARNING: Before removing the covers, you **MUST** switch **OFF** the unit **AND** disconnect the unit from the main power supply by switching **OFF** the circuit breaker in the electrical cabinet.

ONLY an approved Carestream technician is qualified to inspect or maintain the unit while it is switched on and while the covers are removed. In this case, **NO** unqualified person must approach the unit.

1. Description

The JZ036 PFC board is the power factor correction board.

2. Removing the JZ036 PFC Board

Tool Requirements

You must supply the following tools:

- Metric allen keys.
- Metric spanners.
- Flathead screwdriver.

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Note: The tool references mentioned in this guide are ISO tool references.

Before Removing or Replacing the JZ036 General Power Supply Board

Before removing or replacing the JZ036 general power supply board, make sure that:

- The unit is **disconnected from the main power supply** by switching **off** the circuit breaker in the electrical cabinet.
- The unit is switched **off**.
- The head cover is removed.
- You have the required tools.
- You have the appropriate new JZ036 general power supply board.
- You know which cables you need to connect to the exposure switch terminal (J1) and the warning lamp terminal (J8).

CAUTION: The JZ036 PFC board is delivered with a 6.3 A - 250 V fuse for mains voltage of 200 to 240 V.

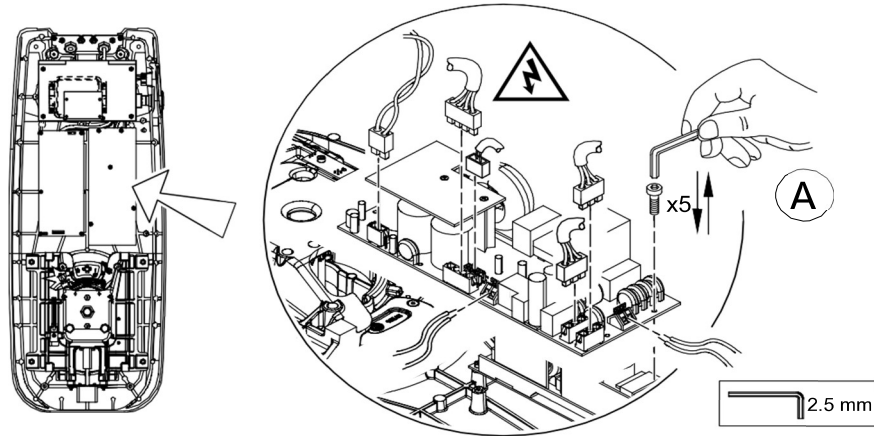
If the mains voltage of the installation is 100 to 130 V use the fuse kit delivered with the JZ036 PFC board and replace the 6.3 A - 250 V with the 12 A - 250 V fuse.

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To remove the JZ036 PFC board, follow these steps:

1. Note which cables are connected to the:
 - Exposure switch terminal (J1).
 - Warning lamp terminal (J8).
2. Disconnect the cables.



WARNING: Do NOT use a tool to push back the tabs to release the exposure switch cable (J1) or the warning lamp cable (J8) because you could damage the unit.

3. Remove the five screws. A
4. Remove the JZ036 PFC board.


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3. Replacing the JZ036 PFC Board

CAUTION: The JZ036 PFC board is delivered with a 6.3 A - 250 V fuse for mains voltage of 200 to 240 V.

If the mains voltage of the installation is 100 to 130 V use the fuse kit delivered with the JZ036 PFC board and replace the 6.3 A - 250 V with the 12 A - 250 V fuse.

To replace the JZ036 PFC board, follow these steps:

1. Position the JZ036 PFC board.
2. Insert and tighten the five screws. 
3. Connect the cables to the JZ036 PFC board.



Important: Make sure you connect the correct cables to the exposure switch terminal (J1) and the warning lamp terminal (J8). However, it does not matter which wire is on the left or right of each terminal.

4. Testing the JZ036 PFC Board

To test the JZ036 PFC board, follow these steps using the **Service Tools**:

1. Run the post installation procedure.
2. Register the intervention.

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