HYPERTHERM®
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XPR® Power Distribution PCB Jumper Information

Field Service Bulletin

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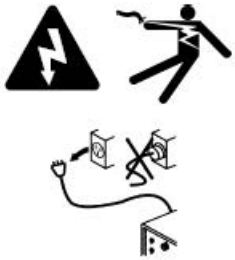
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Introduction

⚠ WARNING



ELECTRIC SHOCK CAN KILL

Disconnect electrical power before doing any installation or maintenance.

All work requiring removal of the plasma power supply outer cover or panels must be done by a qualified technician.

See the *Safety and Compliance Manual* (80669C) for more safety precautions.

Purpose

This Field Service Bulletin describes the use of the Remote On/Off jumper included in the Power Distribution PCB Replacement Kit.

10087254 Kit Contents

Part Number	Description	Quantity
Not for Sale	XPR Power Distribution PCB	1
Not for Sale	Replacement Fuse Label	1
Not for Sale	XPR Power Distribution PCB Jumper	1
10088370	XPR Power Distribution PCB Jumper Information FSB	1

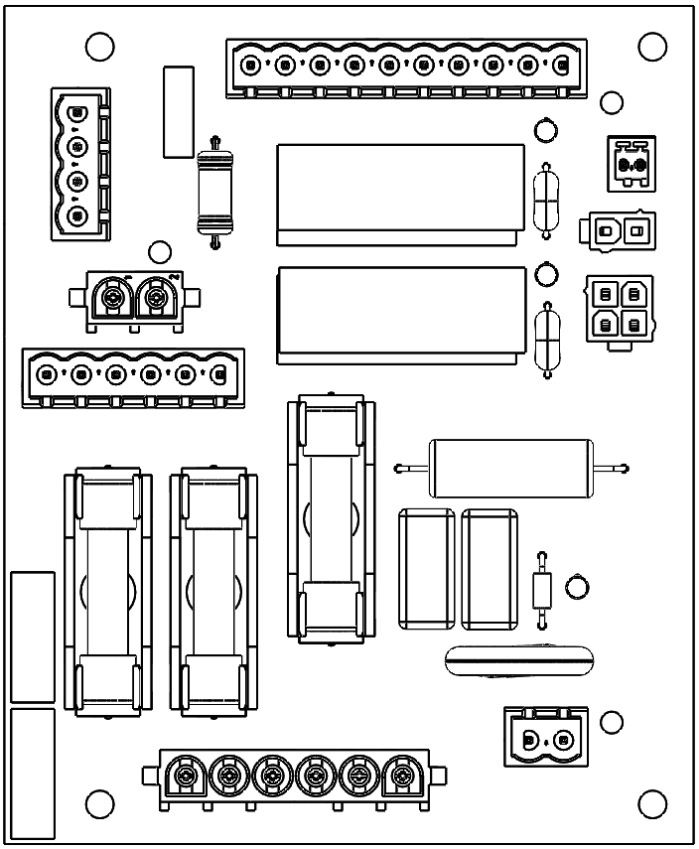
Referenced Documents

The following documents are referenced in the instructions and are available on the Hypertherm Document Library:

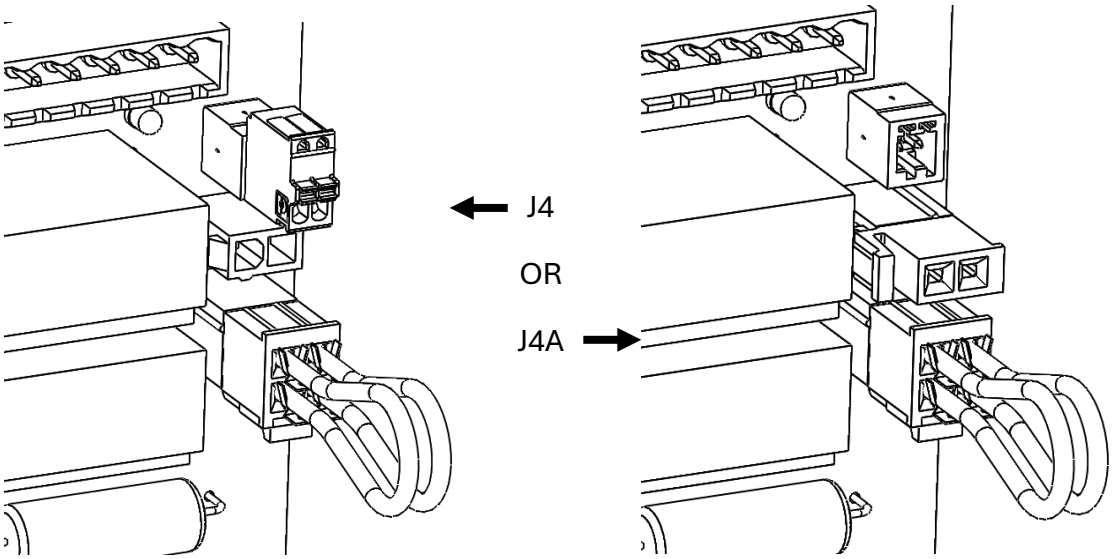
- XPR300 Replacement Part Procedures (809970)
- XPR170 Replacement Part Procedures (810570)

Instructions

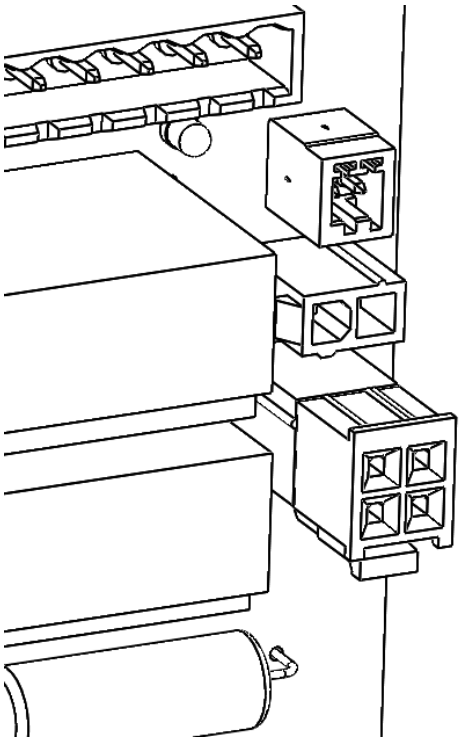
1. Reference the “Replace the power distribution PCB” section of the Replacement Part Procedures FSB for your system. Use the following steps for help with connecting the wire connectors to the PCB (step 6 of “Replace the power distribution PCB”).
2. Determine if the plasma power supply has a plug installed in the J4, J4A, or J8 receptacle on the power distribution PCB. The power distribution PCB may not have all three receptacles. Note: The system harness will only have one of these plugs installed.



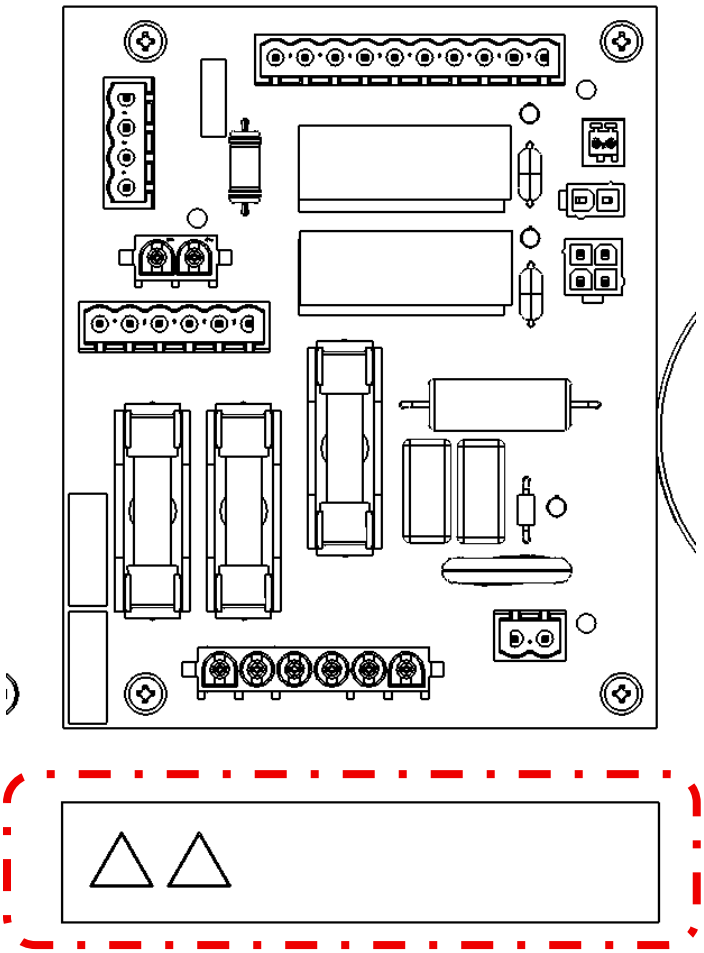
3. If the system has a plug installed in J4 or J4A on the current power distribution PCB, leave the existing jumper plug installed in the J8 receptacle on the new power distribution PCB. Replace the current power distribution PCB with the new one and insert the J7.4 plug into the J4 or J4A receptacle on the new power distribution PCB based on where it was removed from.



4. If the system has a plug installed in the J8 receptacle on the current power distribution PCB, remove and discard the jumper. Insert the J7.8 plug into the J8 receptacle on the new power distribution PCB.



5. The fuse label located just below the power distribution PCB may be different for the replacement power distribution PCB. Replace the existing label with the one included in the kit.



6. Complete the remaining steps in the “Replace the power distribution PCB” section of the Replacement Part Procedures FSB for your system.