



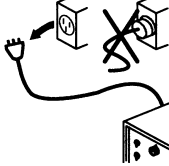
Contactor Upgrade
HT4001/HT4400
Field Service Bulletin

804610 – Revision 0 – August, 2003

Hypertherm®

*The world leader in
plasma cutting technology™*

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		<p>WARNING ELECTRIC SHOCK CAN KILL</p>
		

Disconnect electrical power before performing any maintenance.
See the *maintenance* and *safety* sections of the Instruction Manuals for more safety precautions.

Introduction

Purpose

This field service bulletin will enable a qualified electronics technician to upgrade the main contactor in HT4001 and HT4400 power supply's. The contactor has changed from a 003116 to 003217. The mounting plate included in this kit allows the new contactor to be mounted on the exosting sheet metal.

Note: This contactor can not be used on 200V HT4001 or HT4400 power supplies.

129971 Kit Contents

Part Number	Description	Qty
003217	Contactor	1
001868	Mounting plate	1
075161	Keep nut	1



WARNING

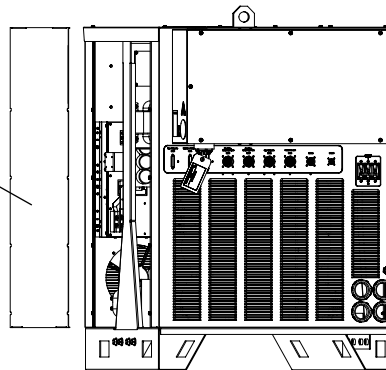


SHOCK HAZARD: Always turn off power and wait 5 minutes before removing any cover on the power supply system. If power unit is directly connected to a line disconnect box, place line disconnect switch to OFF position. Lock out and tag out switch before proceeding!

REMOVING THE ACCESS PANELS

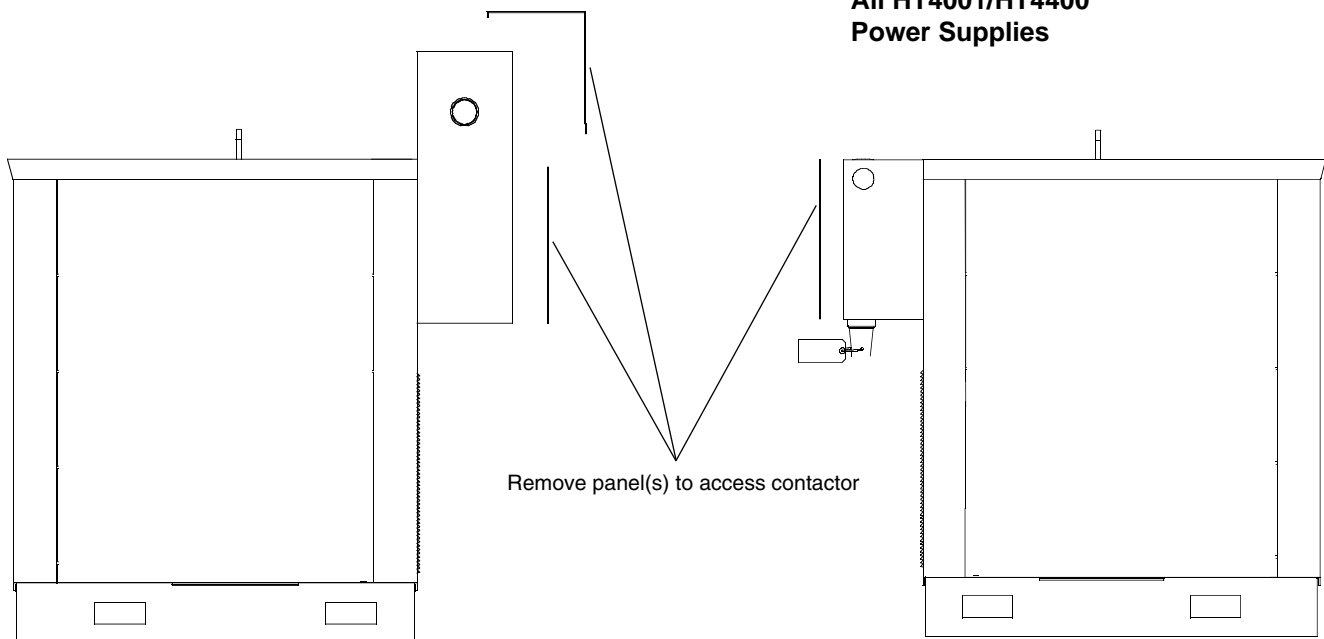
To replace the contactor first remove the side and rear panel(s) of the power supply to locate the contactor.

Remove panel to access
contactor bolts



**All HT4001/HT4400
Power Supplies**

Remove panel(s) to access contactor



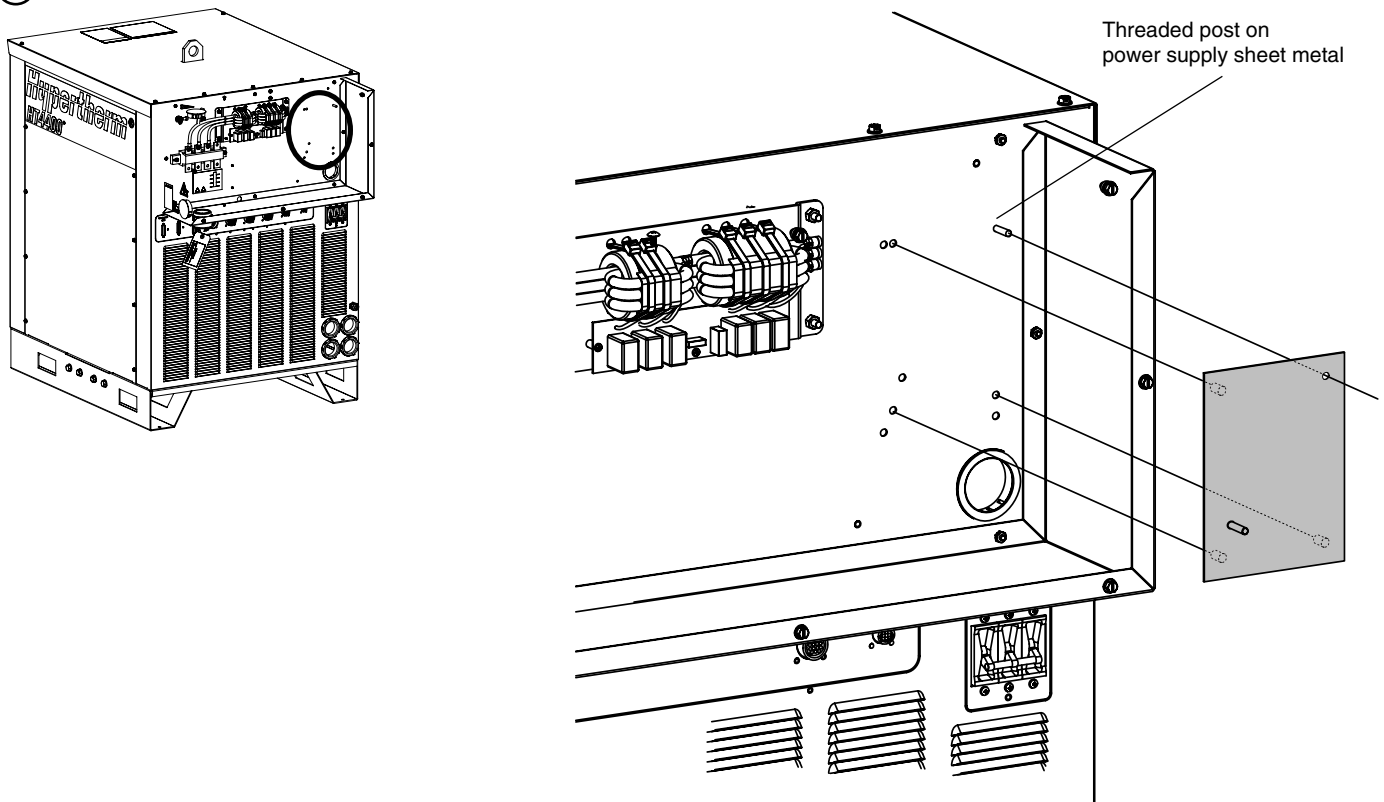
**HT4001 - 400V CE and 200/220V
Power Supplies**

**HT4001 - 240/380/415/480/575/600V and
ALL HT4400 Power Supplies**

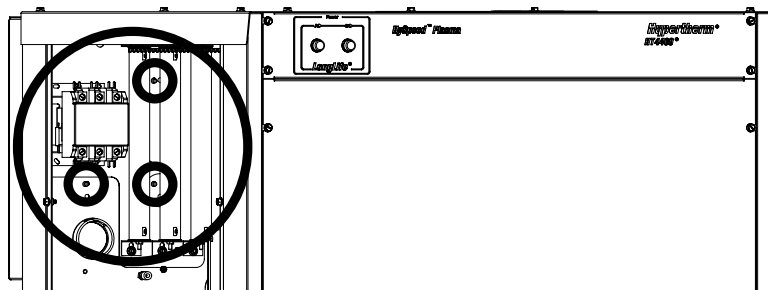
REPLACING THE CONTACTOR

1. Remove old contactor. Save hardware for installing new contactor
2. Align mounting plate with 3 threaded posts facing power supply. Threaded post on power supply sheet metal fits through hole in upper right corner of mounting plate.
3. Attach plate from back side with 3 of the bolts removed in step 1.

②

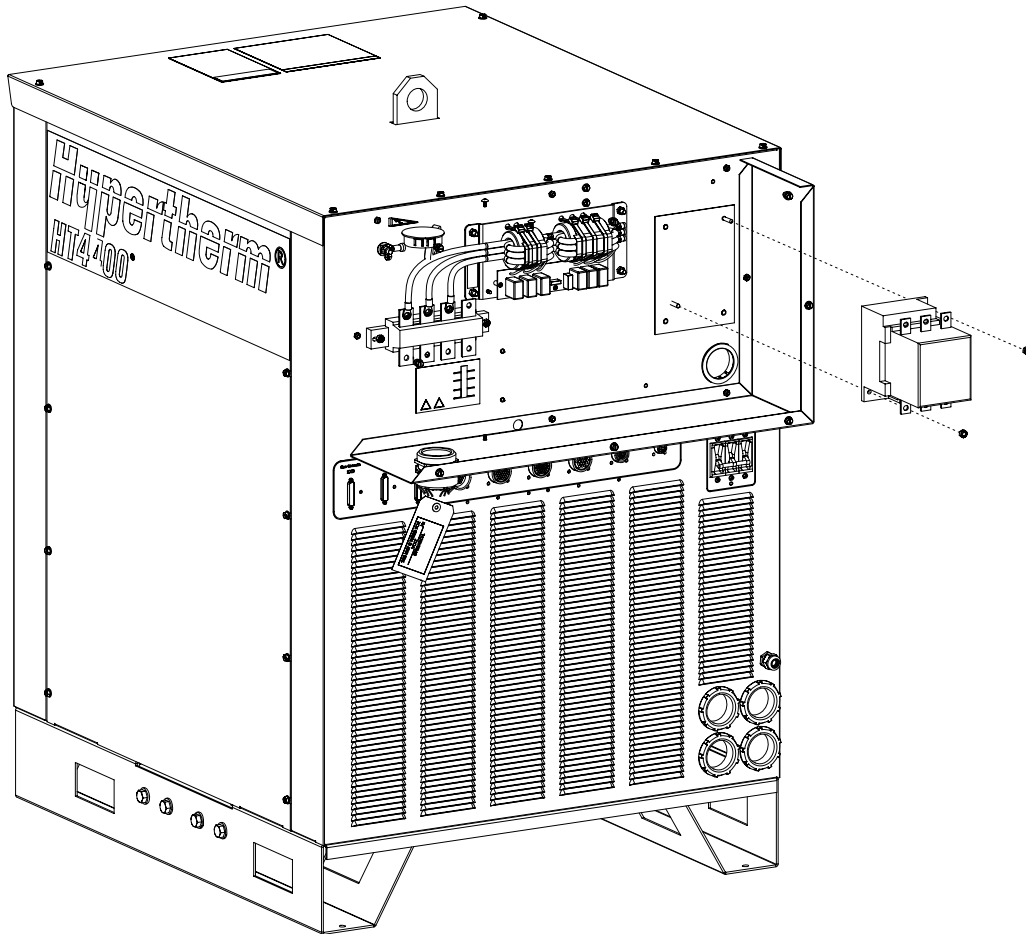


③



HT4001/HT4400 CONTACTOR UPGRADE

4. Install new contactor to mounting plate using the remaining nut from step 1 and the nut supplied in this kit.
5. Connect wiring.



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