

Control Board Replacement HPR130 and HPR260

Field Service Bulletin

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Hypertherm®



DANGER
ELECTRICAL SHOCK CAN KILL

The line disconnect switch must be in the OFF position before making the power cable connections. In the U.S., use a "lock-out/tag-out" procedure until installation or repair is complete. In other countries, follow appropriate national or local safety procedures. See the **Safety Section** of the system Manual for more safety precautions.

Introduction

Purpose

This field service bulletin explains that the dip switches on the new control board must be set the same way as the control board that is being replaced. If the dip switches on the new control board are not set correctly the system will not function correctly.

228337 Kit contents

Part number	Description	Quantity
041993	PCB: HPR control board	1

HPR CONTROL BOARD REPLACEMENT

Power supply control board settings



Caution: Do not discard the old control board until the installation is complete. All jumpers and dip switches on the new control board must match the settings on the old control board for the system to work correctly.

Jumpers

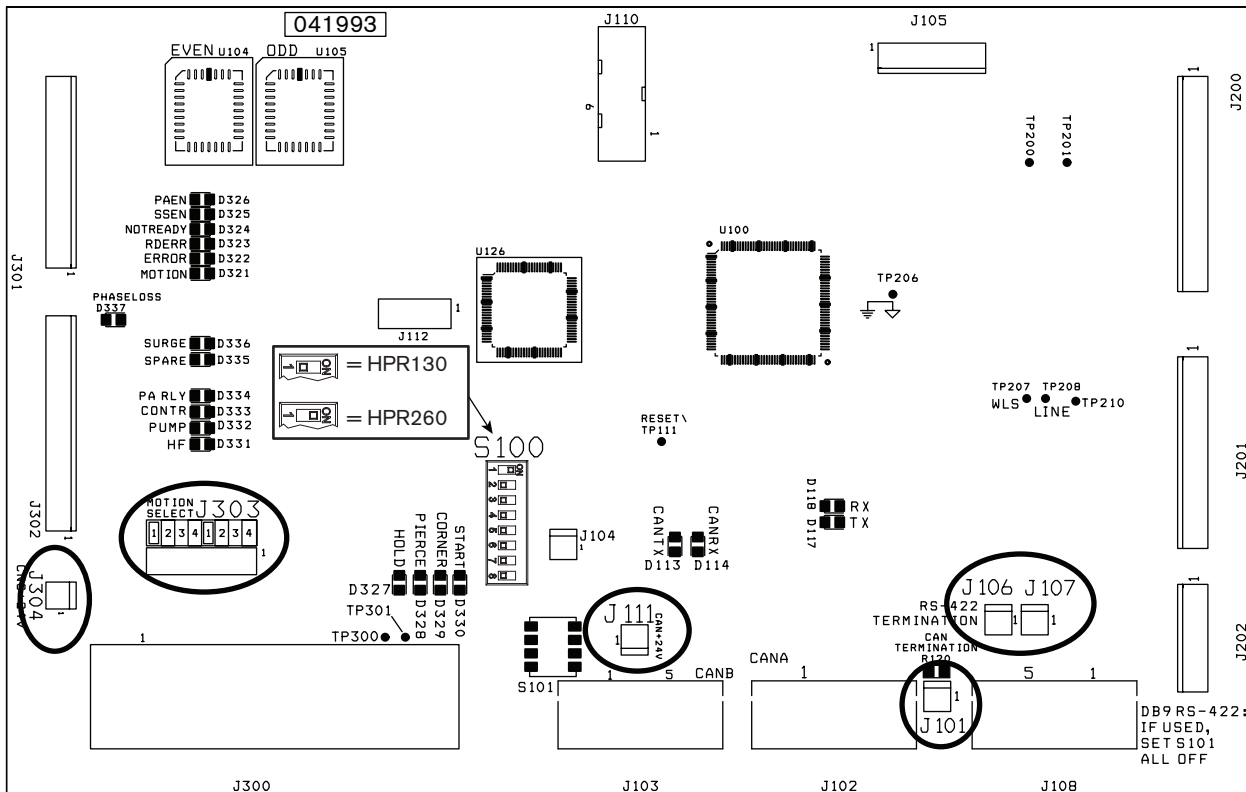
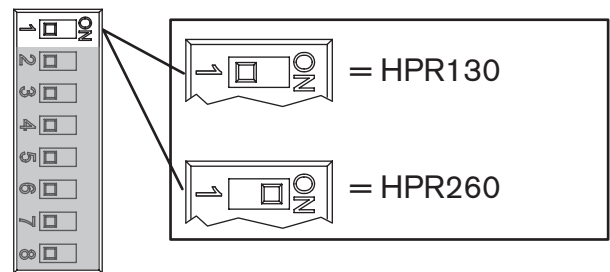
The jumpers on the new control board must match the jumpers present on the old control board. Configure the jumpers on the new control board to match the jumpers on the old control board in the corresponding locations. See the figure below for jumper locations.

DIP switch location and settings

The dip switches on the new board must match the dip switches on the old board.

Switch number 1 determines if the board is being used in an HPR130 (OFF position) or an HPR260 (ON position).

Switches 2 and 3 are used when the plasma system has more than one power supply in series (also referred to as multi-drop systems). Switches 4 through 8 must be in the OFF position. See the wiring diagrams in your instruction manual for more information on multi-drop systems).



HPR130XD and HPR260XD power supply control board

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