

Hypertherm[®]

HD4070

Remote Display Kit

Kit Part Numbers

128526	128531
128527	128532
128528	128533
128529	128534
128530	

Kit Instructions (P/N 803750)

Revision 3 - August 2001

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KIT CONTENTS

129659	HD4070 Display
-	Cable (See instructions for cable P/N)
803750	Instructions
123601	Ground cable

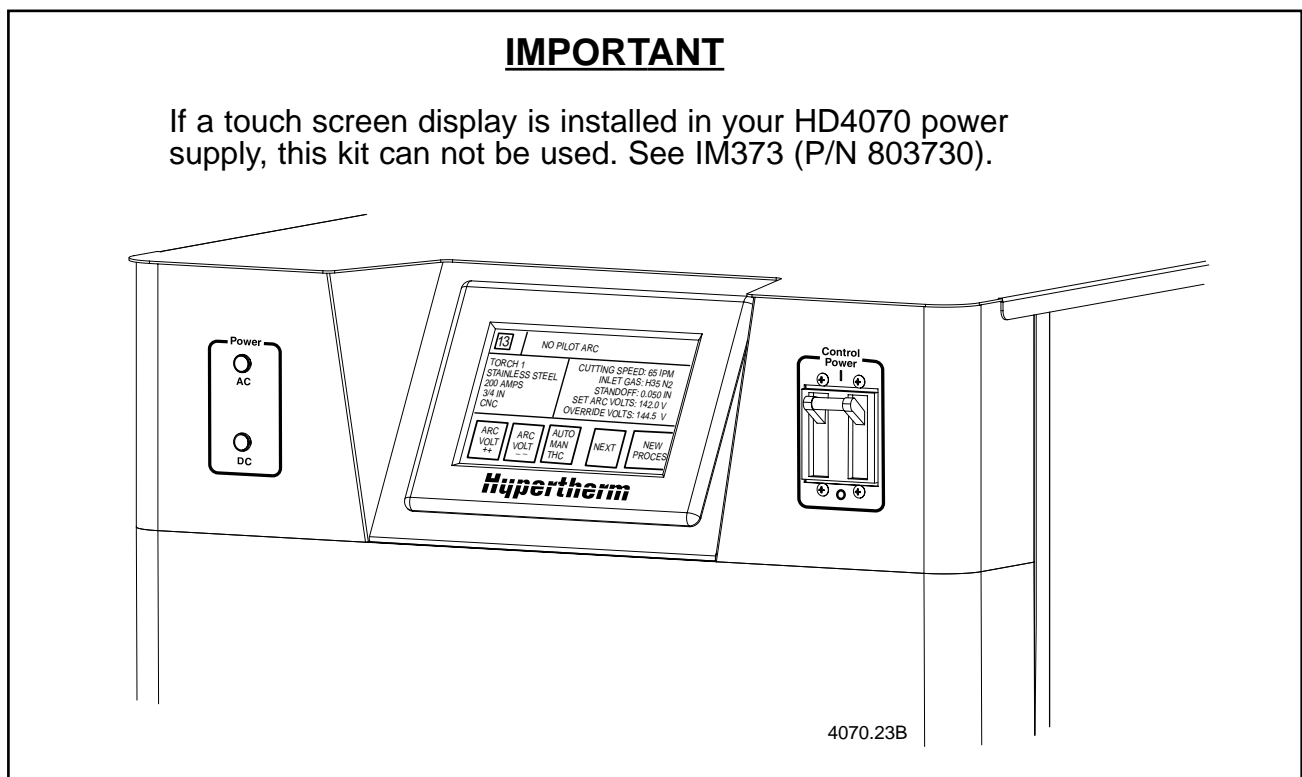
PURPOSE

These instructions provide installation procedures for the remote display included with this kit.

NOTE: The HD4070 system can only support one touch screen display, either local or remote. Installing displays at both locations on one system may cause malfunctions or damage.

IMPORTANT

If a touch screen display is installed in your HD4070 power supply, this kit can not be used. See IM373 (P/N 803730).





WARNING



ELECTRIC SHOCK CAN KILL

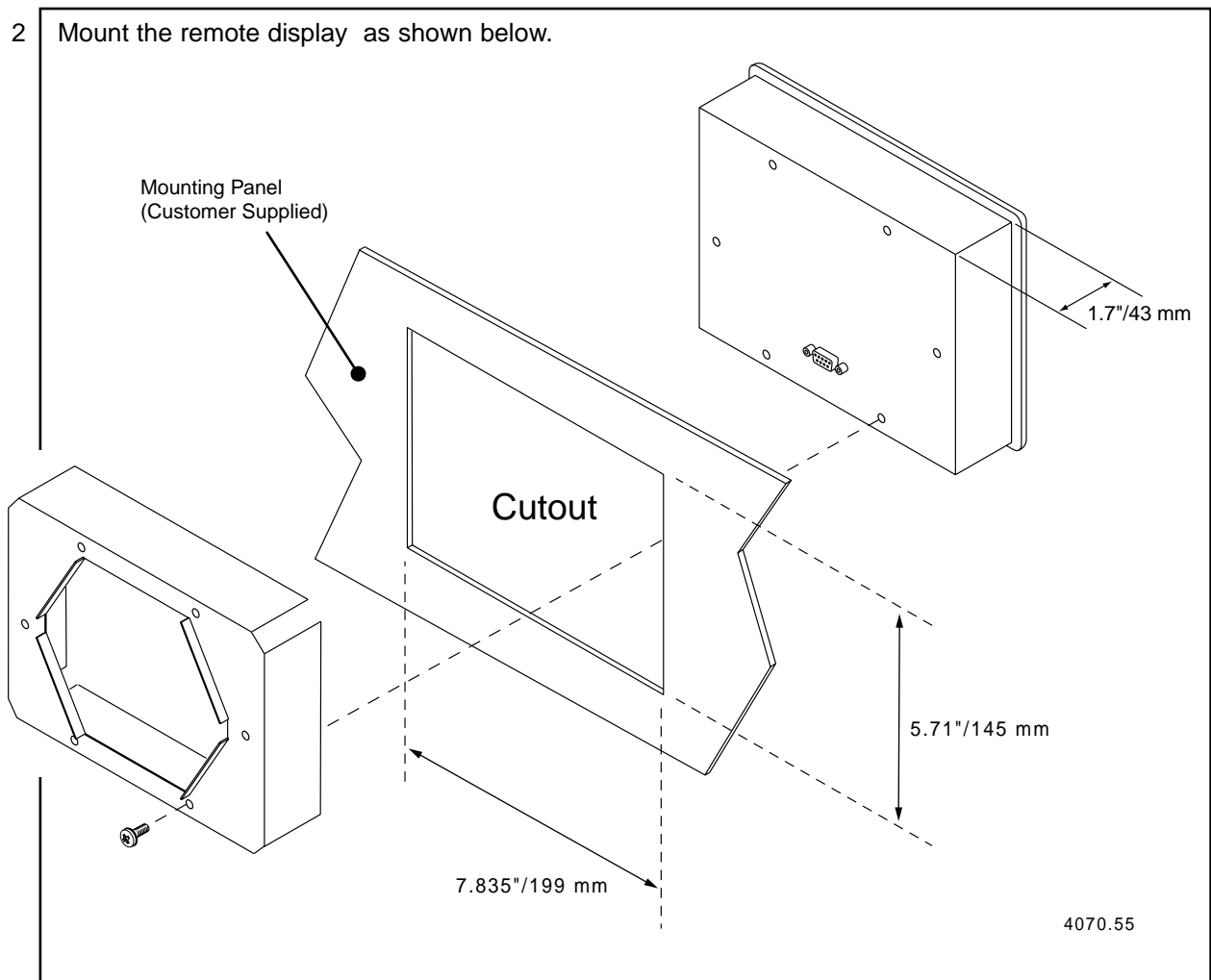
Turn off the power supply before removing any access cover. If the power supply is directly connected to a line disconnect box, switch the line disconnect to OFF (O). In the U.S., use a "lock-out / tag-out" procedure until the service or maintenance work is complete. In other countries, follow appropriate national or local safety procedures.

All work must be performed by a Hypertherm Distributor or a qualified technician.

PROCEDURE

1. Turn off the power to the power supply.

2. Mount the remote display as shown below.



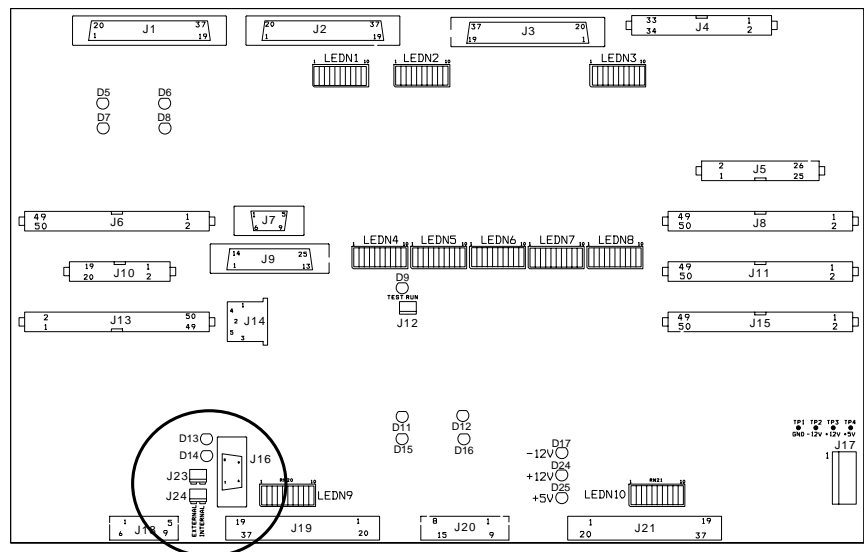
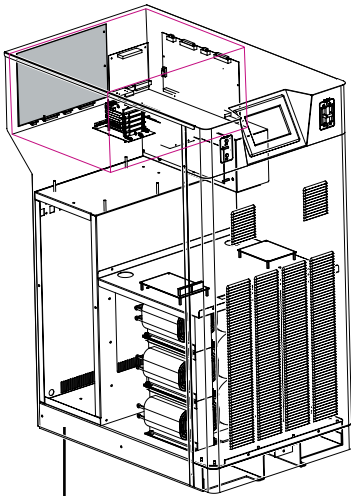
- 3 Remove the the top panel from the power supply.
- 4 Reposition the jumper blocks on the J23 and J24 connectors on the breakout PC board as shown below.
- 5 Replace the the top panel to the power supply.



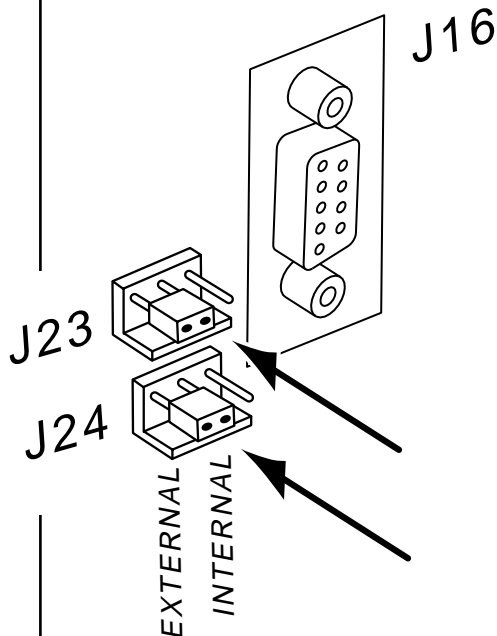
WARNING

STATIC ELECTRICITY CAN DAMAGE CIRCUIT BOARDS

- Put on a grounded wrist strap BEFORE handling PC boards.



4070.59A

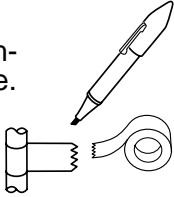
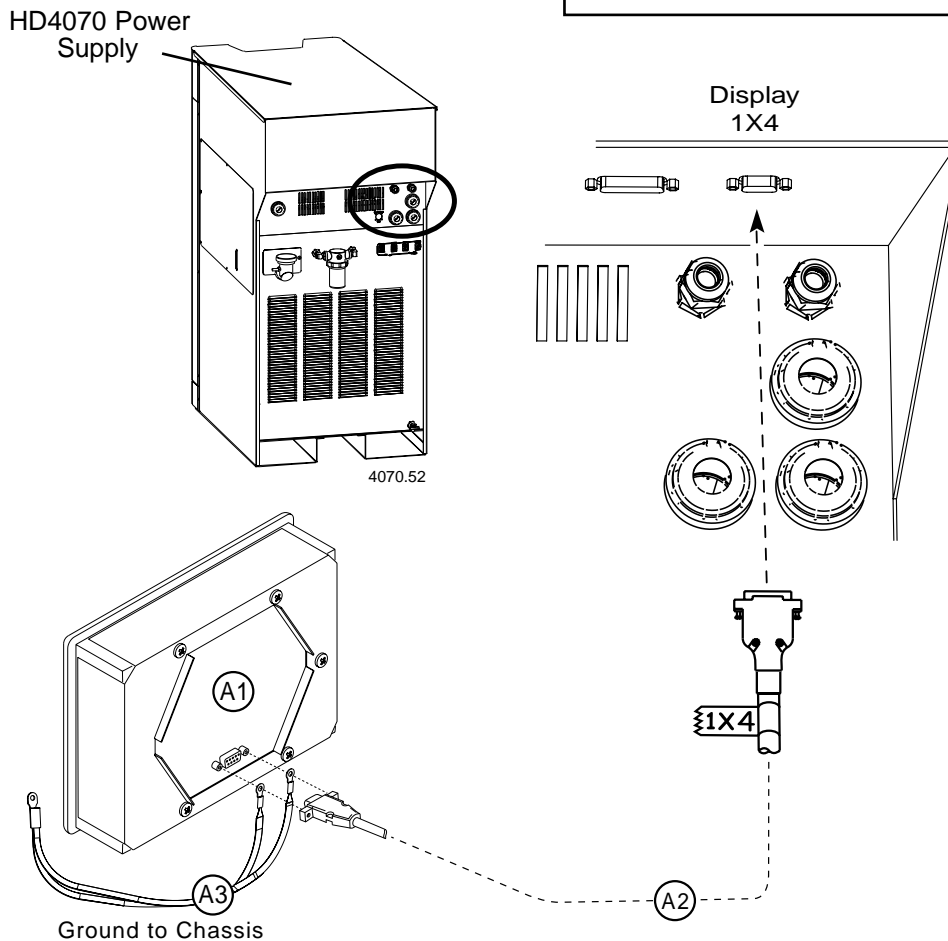


HD4070 Remote Display Kit

- 6 Install the remote display cable to the HD4070 power supply 1X4 connector and to the display connector as shown below.
- 7 Attach grounding cable to chassis.

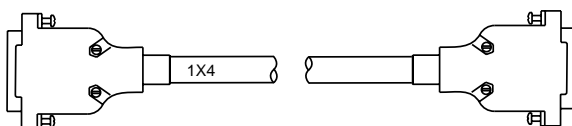
Installation Notes:

Mark the identification number on the end of the cable.

(A1) Remote Display

(A2) Signal Cable - Power Supply to Remote Display



Part No.	Length	Part No.	Length
123481	10 ft (3 m)	123485	40 ft (12 m)
123482	20 ft (6 m)	123019	50 ft (15 m)
123018	25 ft (7.5 m)	123487	75 ft (23 m)
123484	30 ft (9 m)	123488	100 ft (30.5 m)
		123489	150 ft (46 m)

(A3) Ground Wire