

Hypertherm[®]

HD4070

Power Supply Display Removal And Remote Installation Kit

Kit Part Numbers

128535	128540
128536	128541
128537	128542
128538	128543
128539	

Field Service Bulletin (P/N 803730)

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Kit Contents

001736 HD4070 Display Cover
075499 Screw, 6-32 (4)
- Cable (See instructions for cable P/N)
803730 Instructions

Purpose

This kit provides parts and instructions to remove the display from the power supply and mount it remotely.

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.



WARNING



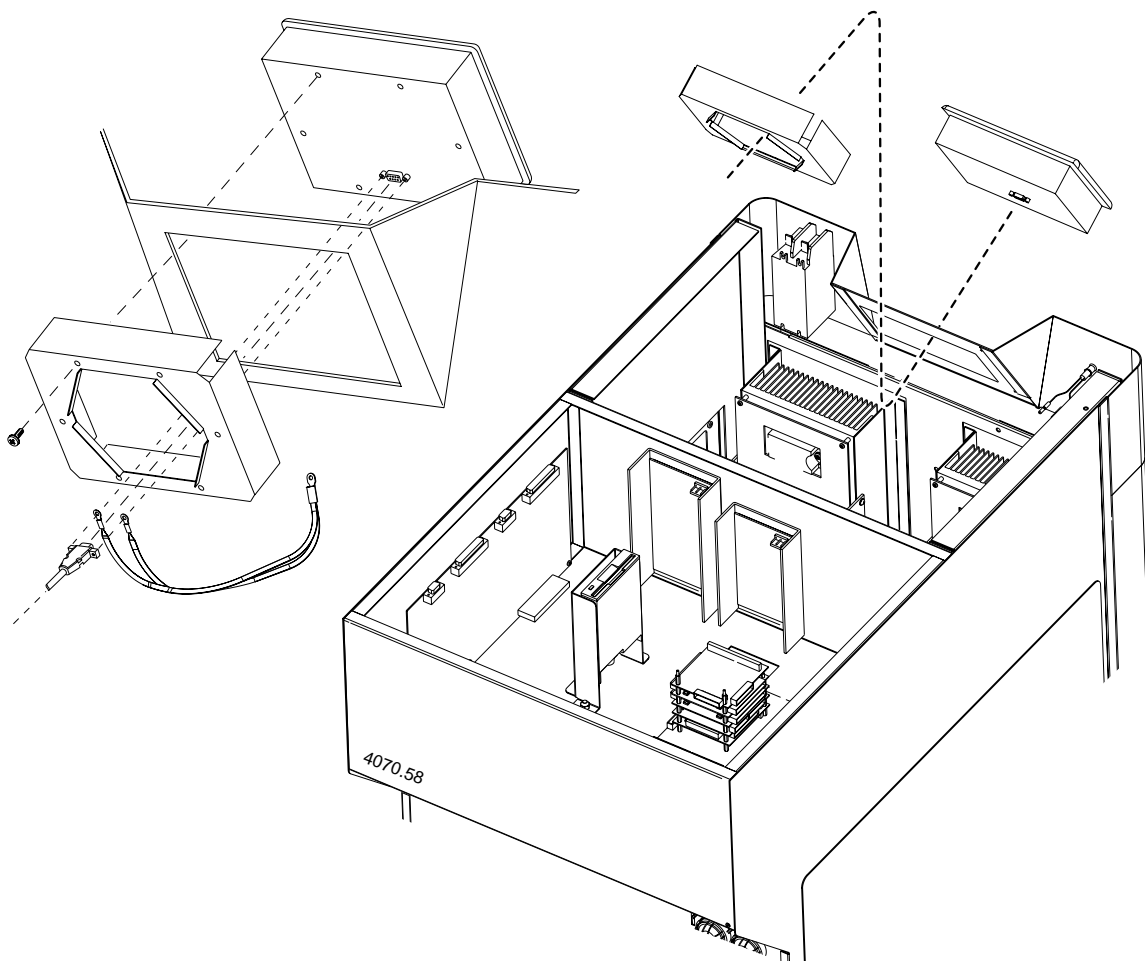
ELECTRIC SHOCK CAN KILL

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. Remove the the top panel from the power supply.
3. Remove the display from the power supply as shown below.



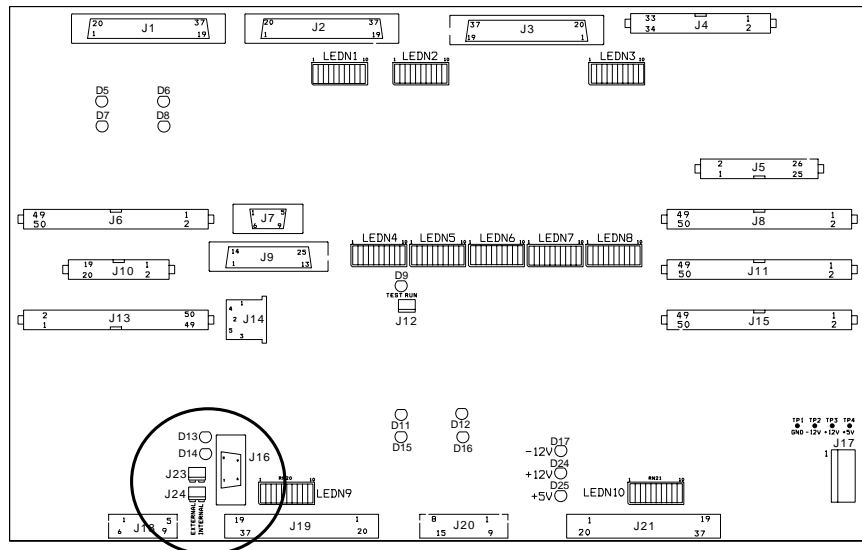
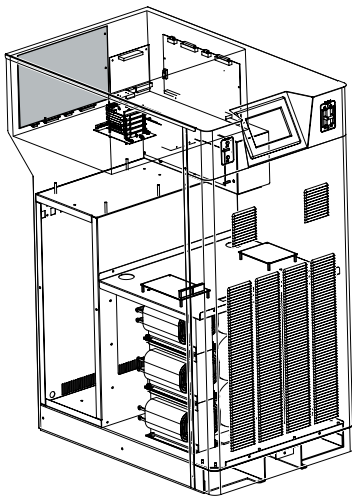
- 4 Remove the cable from the J16 connector on the breakout PC board as shown below.
- 5 Reposition the jumper blocks on the J23 and J24 connectors on the breakout PC board as shown below.



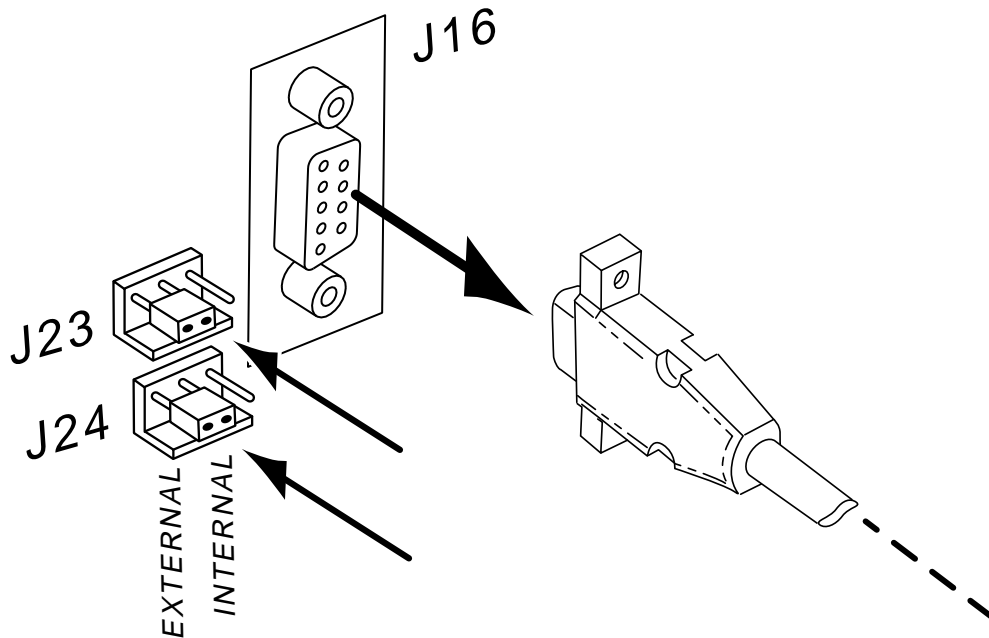
WARNING

STATIC ELECTRICITY CAN DAMAGE CIRCUIT BOARDS

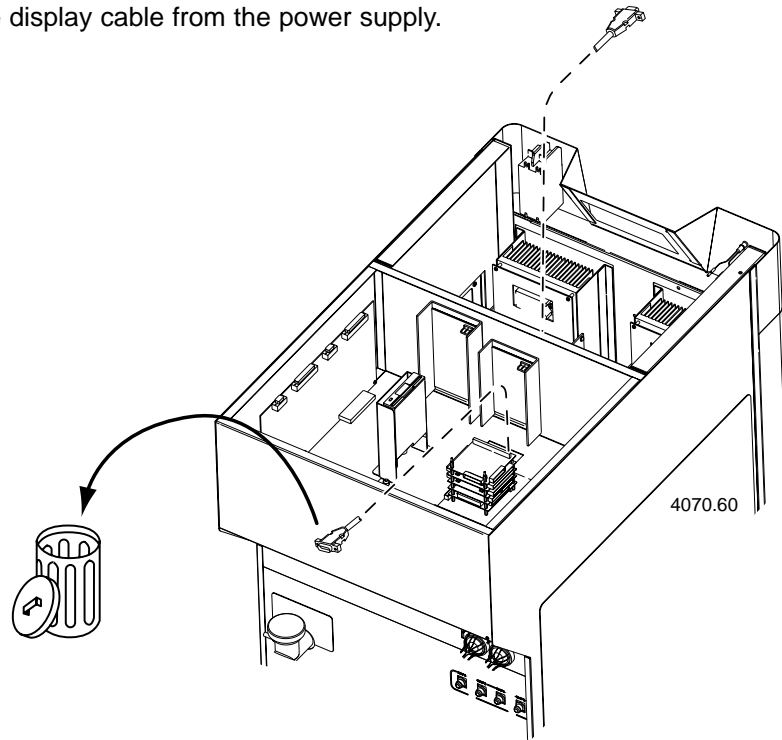
- Put on a grounded wrist strap **BEFORE** handling PC boards.



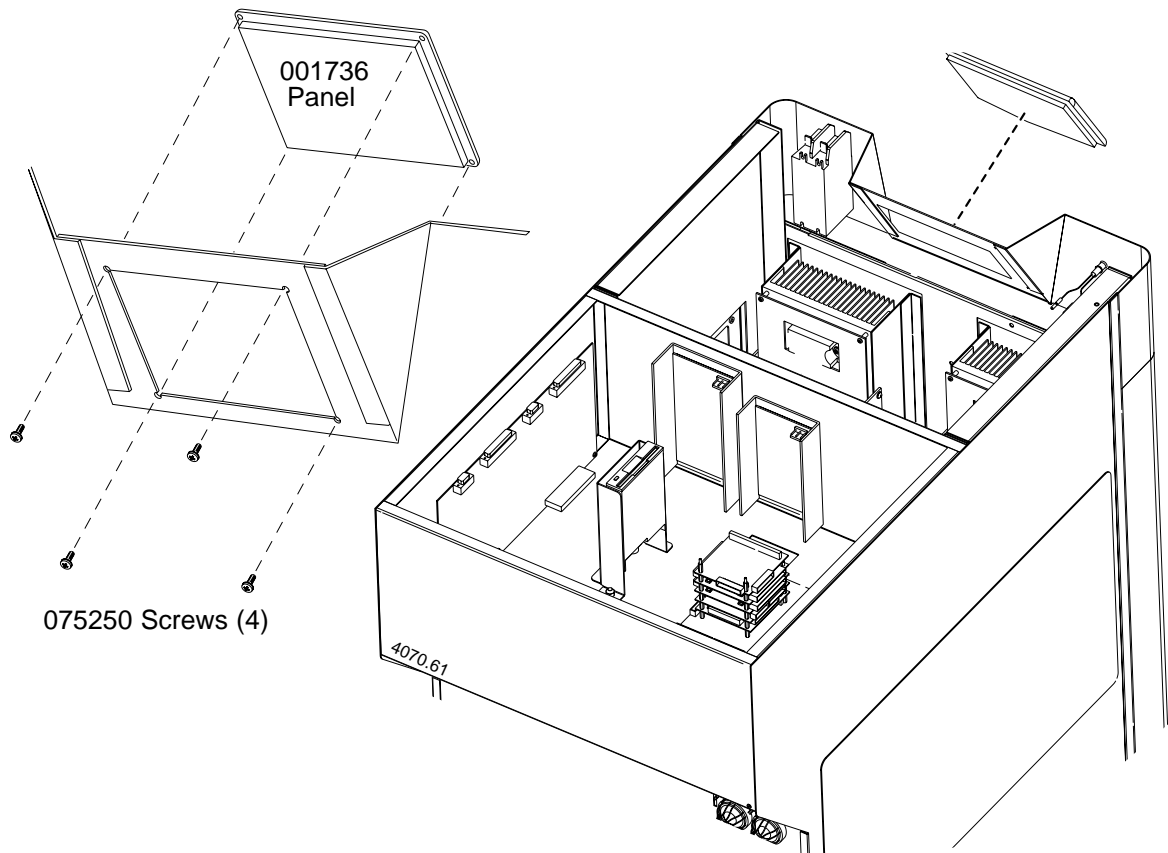
4070.59



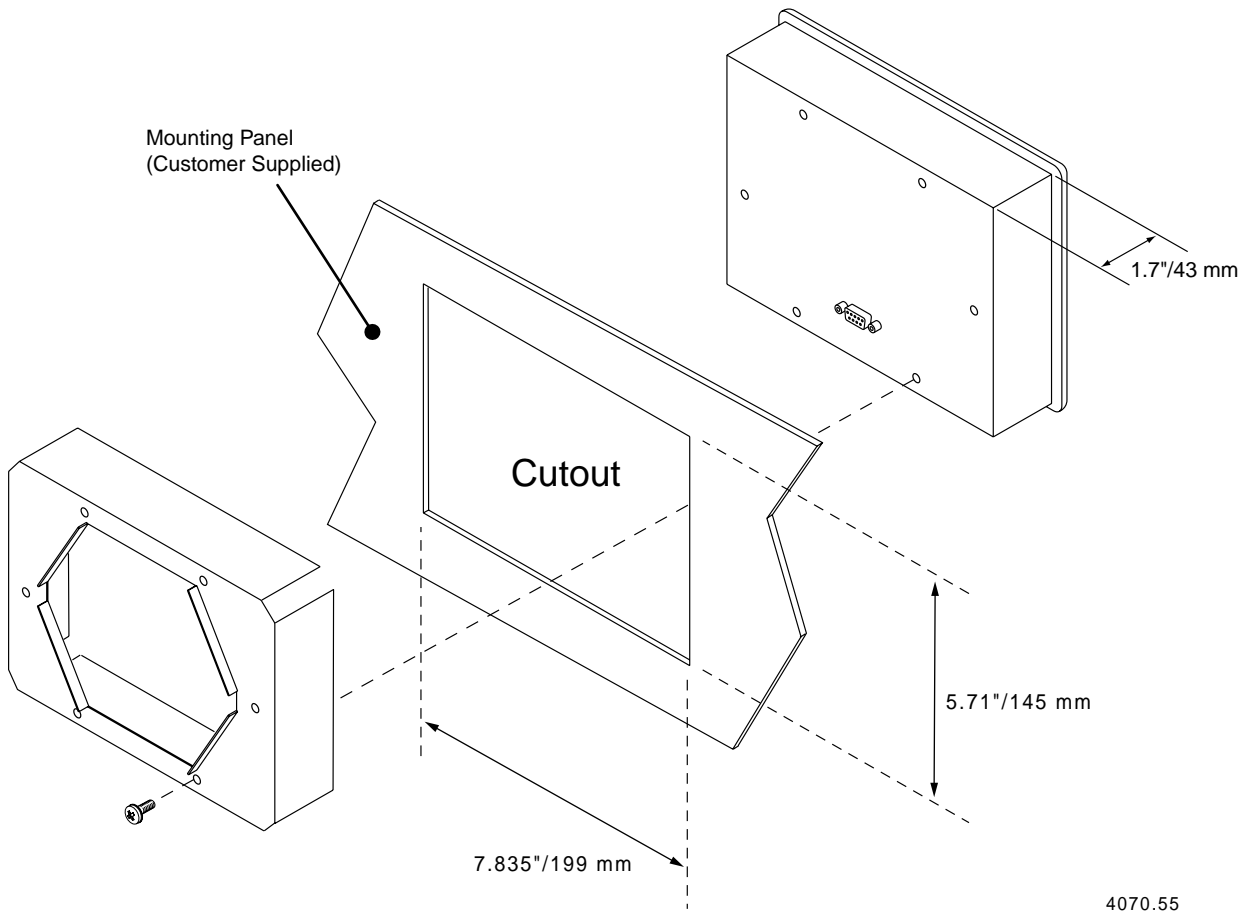
- 6 Remove and discard the display cable from the power supply.



- 7 Install the panel into the power supply as shown below. Install the top panel onto the power supply.



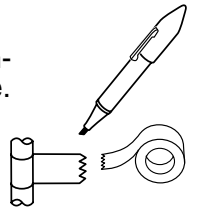
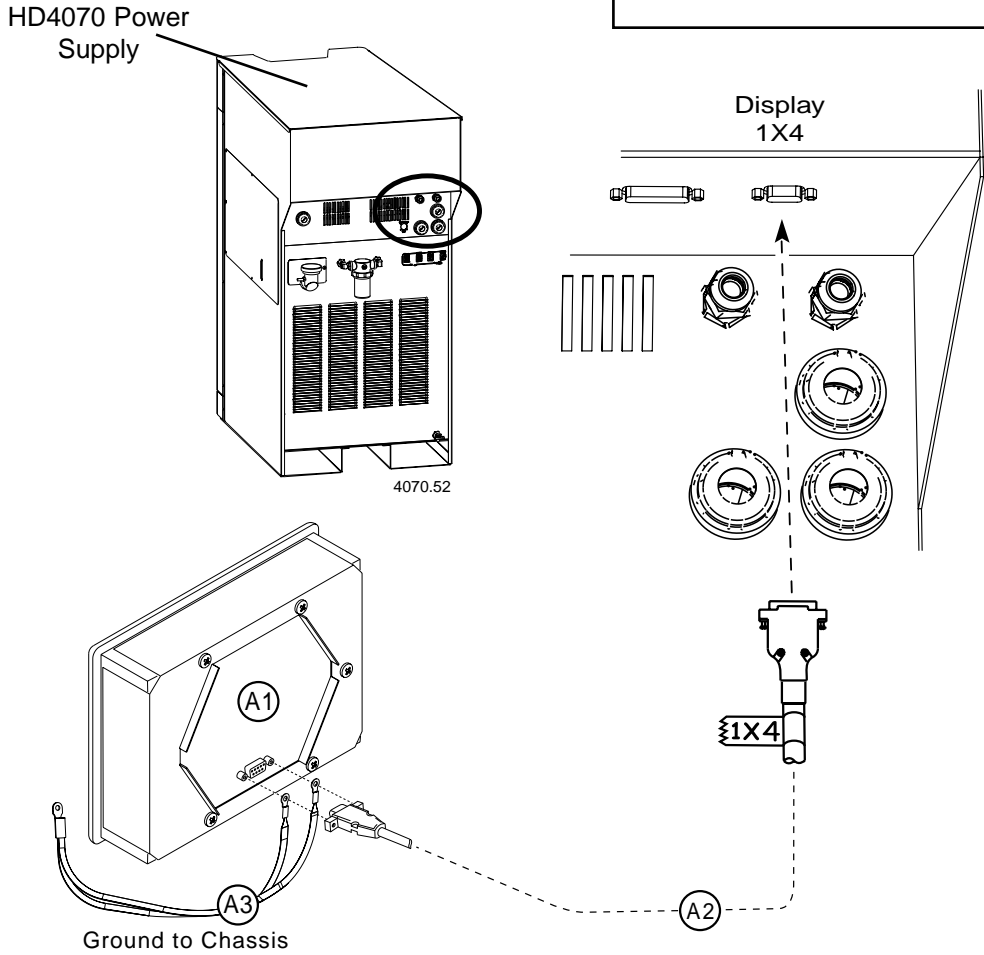
8 Mount the remote display as shown below.



- 9 Install the remote display cable to the HD4070 power supply 1X4 connector and to the display connector as shown below.
- 10 Install the grounding cable as shown below and ground to chassis

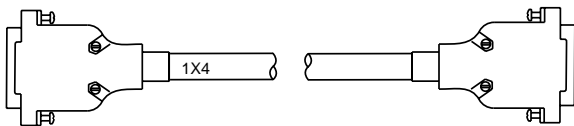
Installation Notes:

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