

Hypertherm[®]

ArcWriter, HD3070 and Max100

Transformer Replacement

HD3070 and MAX100 Kit Numbers:

128794
128795
128796
128797
128798
128799

ArcWriter Kit Numbers:

128802
128803
128804
128805
128807
128808
128809



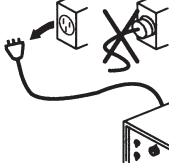
Field Service Bulletin (P/N 804520)

Revision 0 – September, 2002

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Hanover, NH USA
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		<p>WARNING ELECTRIC SHOCK CAN KILL</p>
<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="width: 20%;">  </div> <div style="width: 80%;"> <p>Disconnect electrical power before performing any maintenance. All work requiring removal of the cover must be performed by a qualified technician. See <i>Section 1</i> of the Operator Manual for more safety precautions.</p> </div> </div>		

Purpose

Replacement of the transformer. The connectors on the wires from the temperature switch on the transformer to the power supply wire harness have been changed. The wire group included in this kit is only needed for power supplies made before September 2002.

Kit Contents: All kits contain wire group part number 129833 and one transformer.

Kits For Max100 and HD3070 Systems

Kit # 128794: Transformer

Part Number	Description
014065	220V, 380V, 415V

Kit # 128795: Transformer

Part Number	Description
014066	208V

Kit # 128796: Transformer

Part Number	Description
014067	600V

Kit # 128797: Transformer

Part Number	Description
014068	240V, 480V

Kit # 128798: Transformer

Part Number	Description
014069	200V

Kit # 128799: Transformer

Part Number	Description
014212	440V

Kits For Max ArcWriter Systems

Kit # 128802: Transformer

Part Number	Description
129220	208V

Kit # 128803: Transformer

Part Number	Description
129219	440V

Kit # 128804: Transformer

Part Number	Description
129218	600V

Kit # 128805: Transformer

Part Number	Description
129131	200V

Kit # 128807: Transformer

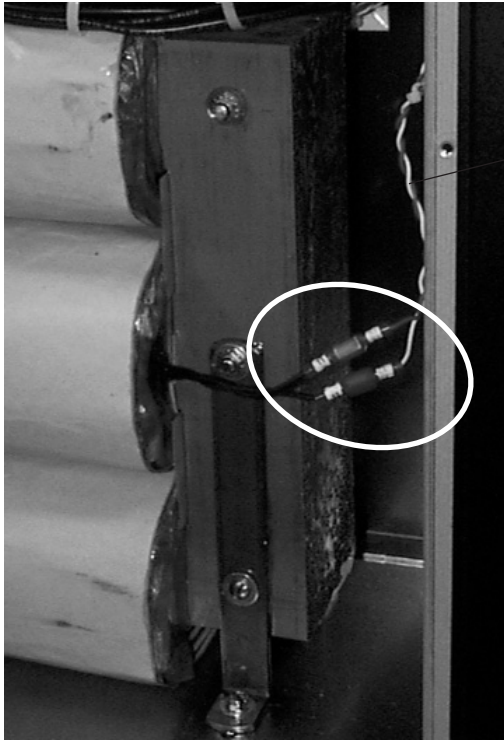
Part Number	Description
129130	240V

Kit # 128808: Transformer

Part Number	Description
129129	400V

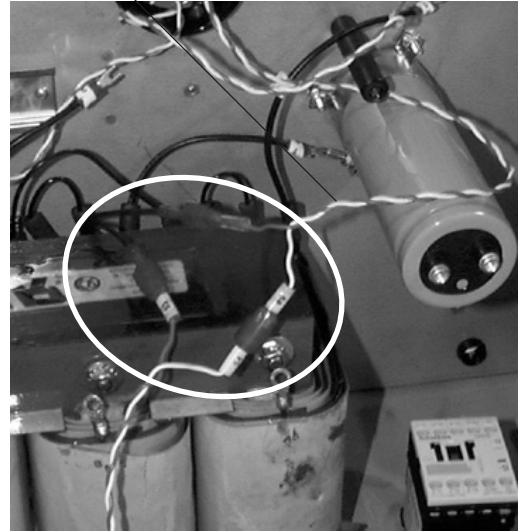
Kit # 128809: Transformer

Part Number	Description
129128	480V

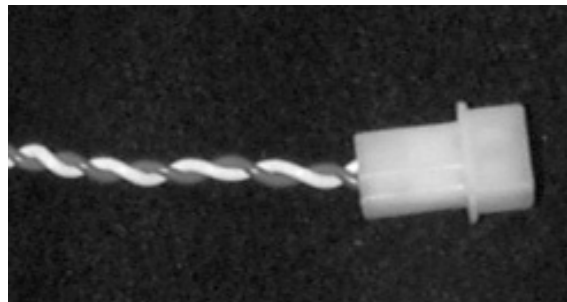


Location of wires in HD3070/Max100
Power Supplies

Wires from power supplies



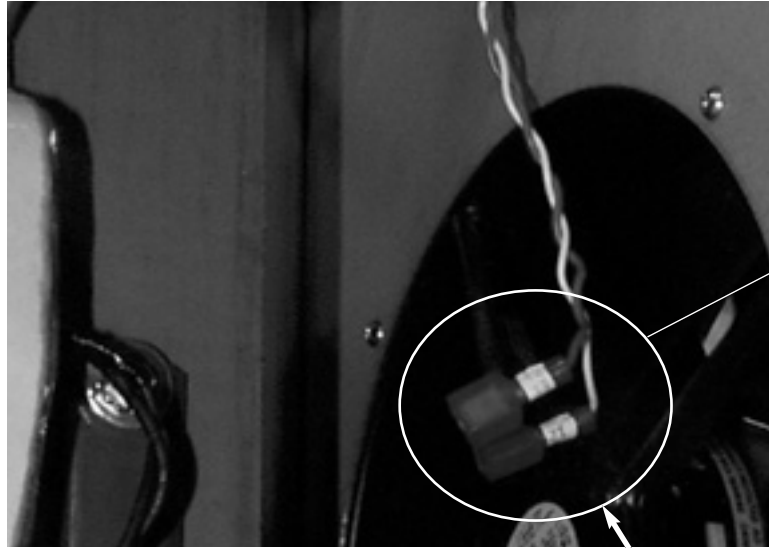
Location of wires in ArcWriter
Power Supplies



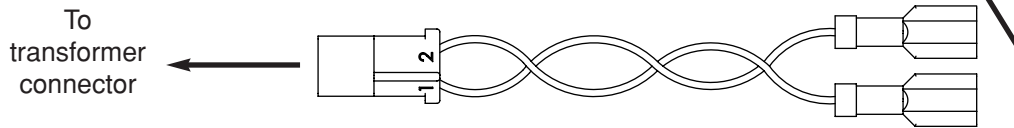
If the wires from the power supply have this type of connector you do not need the wire group provided in this kit.

ArcWriter, HD3070 and Max100 TRANSFORMER REPLACEMENT

If the wires from the power supply have two red terminals (see picture below), use the wire group provided in this kit (part number 129833) to connect the power supply wires to the transformer wires.



Red Terminals



To
transformer
connector

Part Number 129833