



Phase Loss Detection Connection Adapter

Field Installation Bulletin
(P/N 803860)

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INTRODUCTION


Purpose


This field service bulletin will enable a qualified electronics technician to reuse a Phase Loss Protection PC board, that has been taken off an older style Hypertherm chopper, on a new chopper. The board number for the new chopper is 041677.


No Tools Required

128525 Phase Loss Adapter Kit

Part No.	Description	Qty.
129638	Adpter for Phase Loss Detection Harness 129394	1
108061	Standoff	4
803860	Field Service Bulletin: Phase Loss, Connection Adapter Kit	1

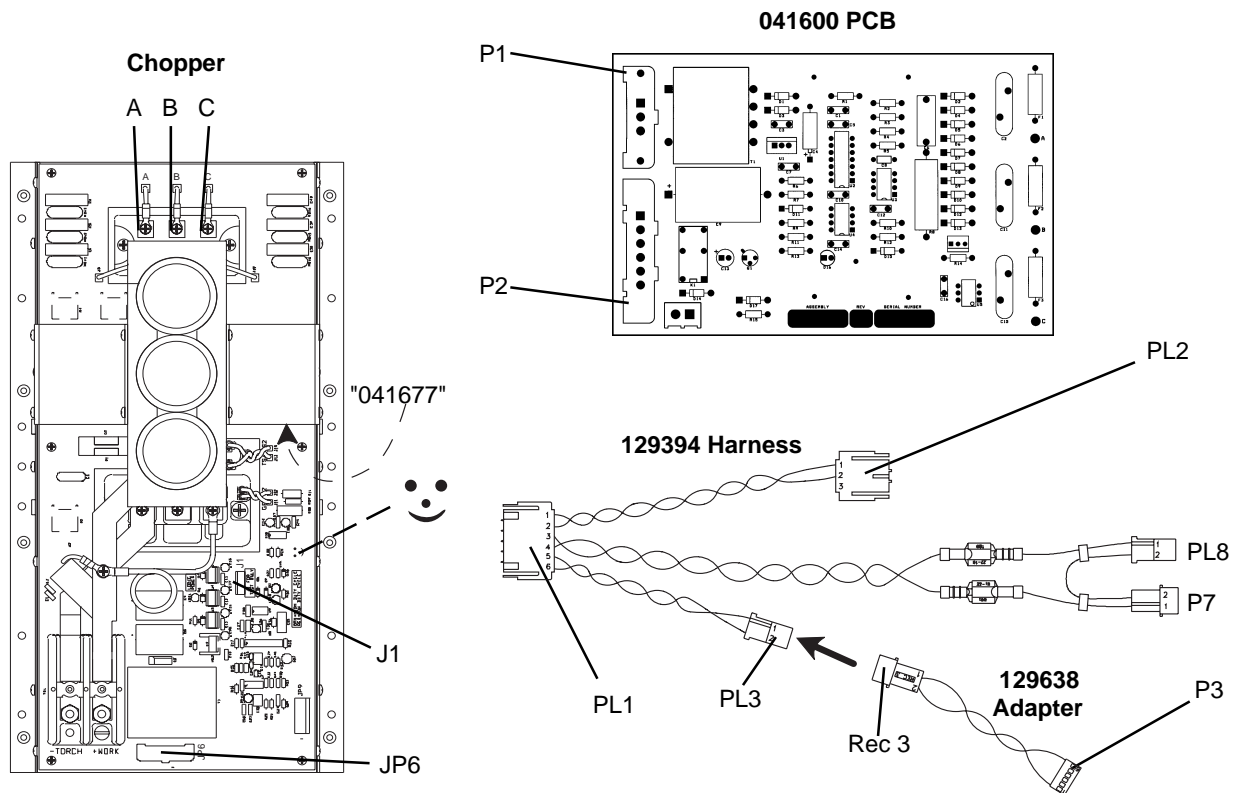
	WARNING
All work must be performed only by qualified Personnel	

	WARNING ELECTRIC SHOCK CAN KILL
Always turn off the power, unplug the cord and wait 5 minutes before removing any power supply cover. If the power supply is directly connected to a line disconnect switch, place switch in the OFF position. In the U.S., use a "lock-out / tag-out" procedure until the service or maintenance work is complete. In other countries, follow appropriate local or national safety procedures.	

	WARNING
When performing installation: <ul style="list-style-type: none">-Do not route wires near sharp edges-Tie wires neatly where necessary to prevent leads from contacting primary voltage or moving parts. Before turning power supply on: <ul style="list-style-type: none">-Check for shorts with a meter from all terminals to chassis ground.	

Connecting the Chopper with 041677 PCB to the Phase Loss Detection PCB

1. If the wire harness is not still connected to the Phase Loss PCB, plug the PL1 connector from the 129394 harness into the P2 receptacle on the PCB.
2. Plug the PL3 connector from the 129394 harness into the Rec3 receptacle on adapter 129638.
3. Plug the PL2 connector from the harness into the JP6 receptacle on the chopper.
4. Plug the P3 connector from the adapter into the J1 receptacle on the chopper.
5. Connect wires A, B and C from Phase Loss PCB to chopper locations A, B and C.
6. Re-connect P7 and PL8 into mating transformer temperature switch and power supply harness connectors.
7. Re-connect AC power connector to P1 receptacle on Phase Loss PCB 041600.
8. Installation is complete.



Connecting the Phase Loss Detection PCB to the Chopper with 041677 PCB