

Hypertherm®

HyDefinition HD1070®

Gas Console Upgrade

Kit # 028772

Field Service Bulletin
(P/N 802040)

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WARNING

Turn off all power to HD1070 system. Always press the power unit OFF (O) pushbutton switch and set the line disconnect switch to OFF. Lock-out and tag-out switch.

Purpose

This upgrade allows the existing gas console (P/N 078001) on an HD1070 system to be upgraded with the new Gas Console II (P/N 078016). The new gas console and control board must be installed and wiring changes must be made to PL2/REC2 on the power distribution board 1XPCB2 .

Upgrade Kit (P/N 028772)

078016 – Gas Console II
041759 – Control Board
008197 – Pin/Socket Extractor Tool
802030 – HD1070 Instruction Manual
802040 – Field Service Bulletin

Required Tools

#2 Phillips Head Screwdriver

Procedures

Install Gas Console II

To install Gas Console II, refer to HD1070 instruction manual 802030, Section 3, *Installation*.

Install New Control Board

1. Remove the power supply front panel by removing the six (6) screws.
2. Locate control board 1XPCB3 (bottom board). See figure 1.
3. Remove old control board. See figure 1.
4. Install new control board. See figure 1.
5. Reinstall front panel and secure with the six (6) screws.

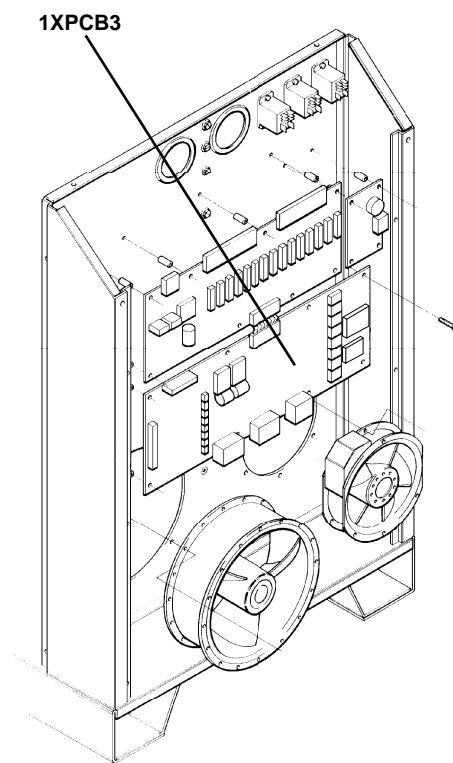


Figure 1 Control Board Location

