

USB PCB Assembly Replacement

Unplug the power and data cables from the back of the machine.



Caution: *DO NOT* power the machine on before completing all the steps in this procedure. Failure to do so will result in permanent damage to the electrical components of the machine.

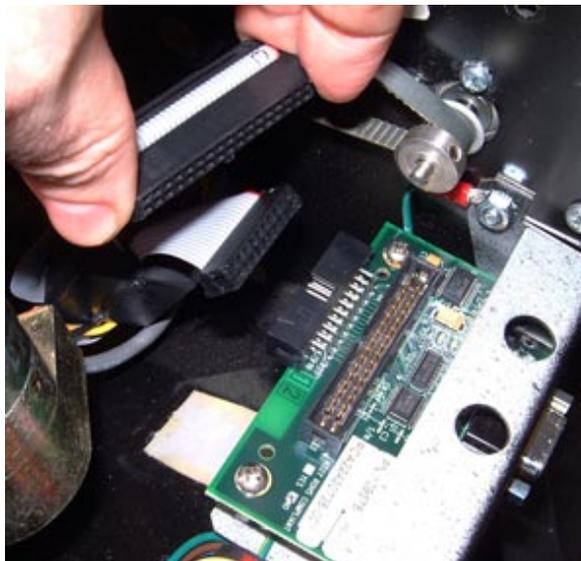
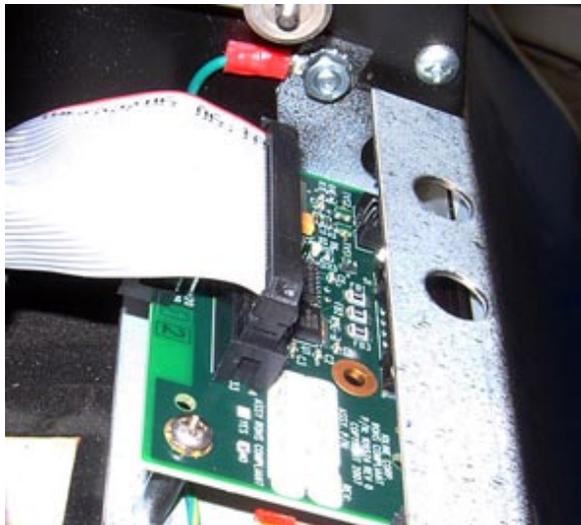
① Remove the Right Cover

Place the machine on a sturdy table. Remove the three screws holding the right end cover on the machine. There are two on the end plate and one on the bottom.

Remove the right end cover to expose USB PCB assembly.

② Unplug the Data Cables

Carefully unplug the two data cables from the PCB as shown.



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Tools Required:

Phillips Screwdriver
Normal and Fine Tip

Applies to:

Smartrac
100 Cutter
Contour Cutter
300/350HF

P/N: 109586 R1

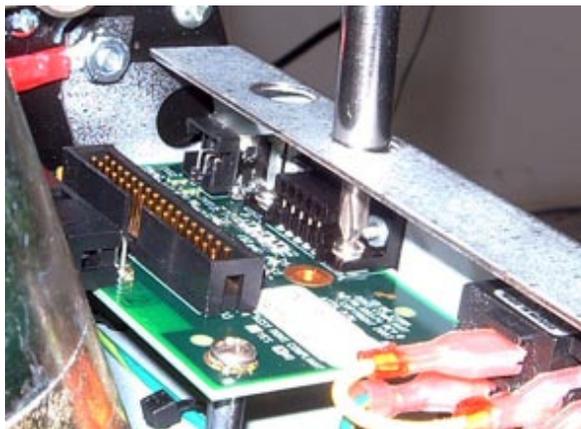
③ Remove the Large Screws

Unscrew the two large silver Phillips screws holding the back of the PCB onto the rear panel bracket. Use a normal Phillips screw driver tip.



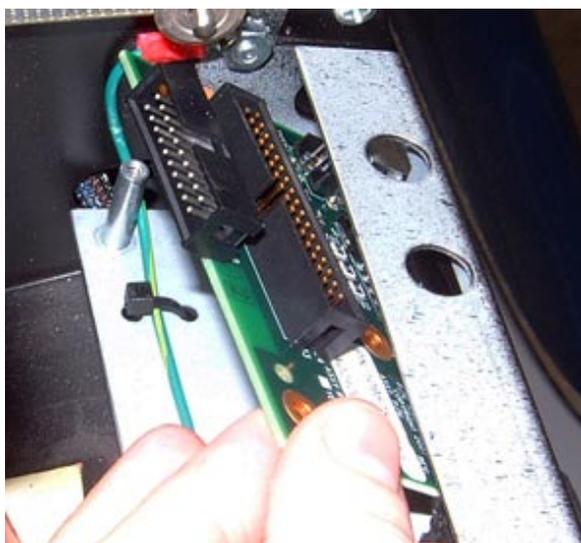
④ Remove the Small Screws

Unscrew the two small silver Phillips screws holding the front of the PCB and serial port onto the rear panel bracket. Use a fine Phillips screw driver tip.



⑤ Lift the PCB Off the Bracket

Carefully lift the rear edge of the USB PCB up slightly then pull the PCB back and out of the bracket. The USB and serial connectors must clear the openings in the bracket before removal.



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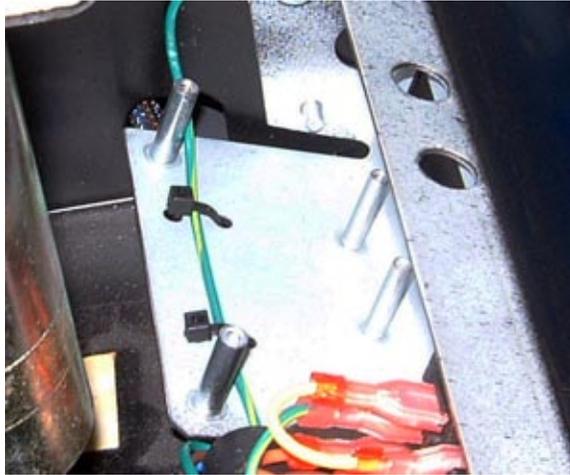
Caution: Always observe anti-static procedures. Failure to properly ground yourself to metal before handling the board can cause permanent damage. Use the provided wrist-strap to properly ground yourself to the machine.

⑥ Install the New PCB

Repeat this procedure in reverse to install the new PCB.

Make sure to carefully insert the new PCB so that the USB and serial connectors properly fit into the openings in the rear panel bracket. The threaded standoffs will not align with the holes in the PCB until the connectors are properly inserted into the bracket.

It is critical that all four screws (two small and two large) are installed in the PCB before the cables are connected.



⑦ Install cover and test

Install the right end cover making sure all three screws are used.

After the machine is assembled, install the AC power cord and USB data cable and test the installation.

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