

XL Air assist upgrade

These instructions are for the upgrade of the air assist module on the XL 9200 and 12000.

The air assist upgrade should include:

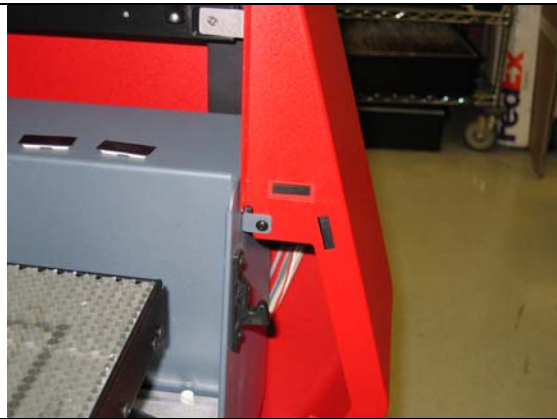
1 serial cable connection

1 power adapter cable

Air Assist assembly with circuit board

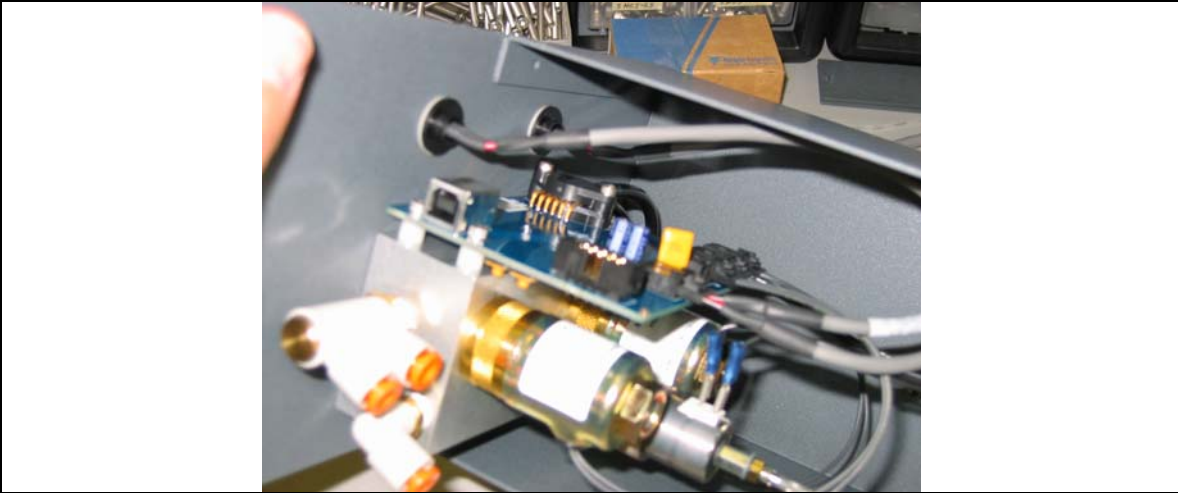
CD with firmware upgrade

1) Turn the engraver off and unplug the power connector from the back of the engraver by twisting it anti-clockwise.

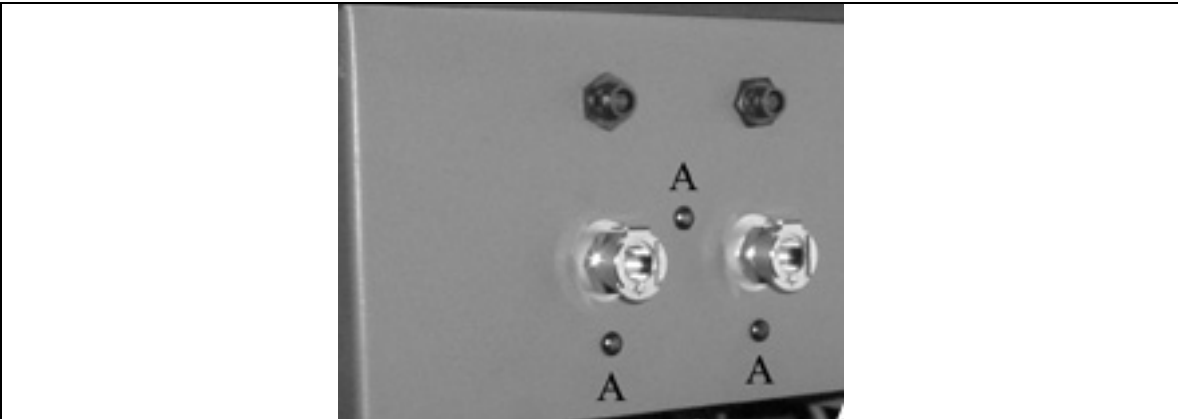


2) Remove the cover screws the hold the right side panel. You will need to open the laser door and the front door to access the screws.

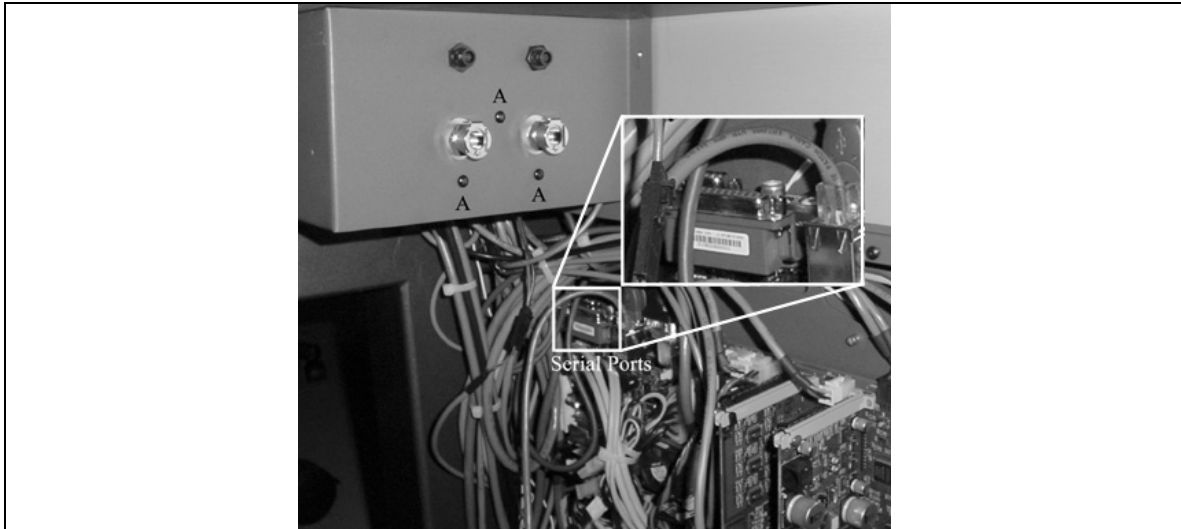
3) Remove the rear cover of the engraver and expose the electronics.



4) Find, trace, and disconnect the air assist' usb and power connections.

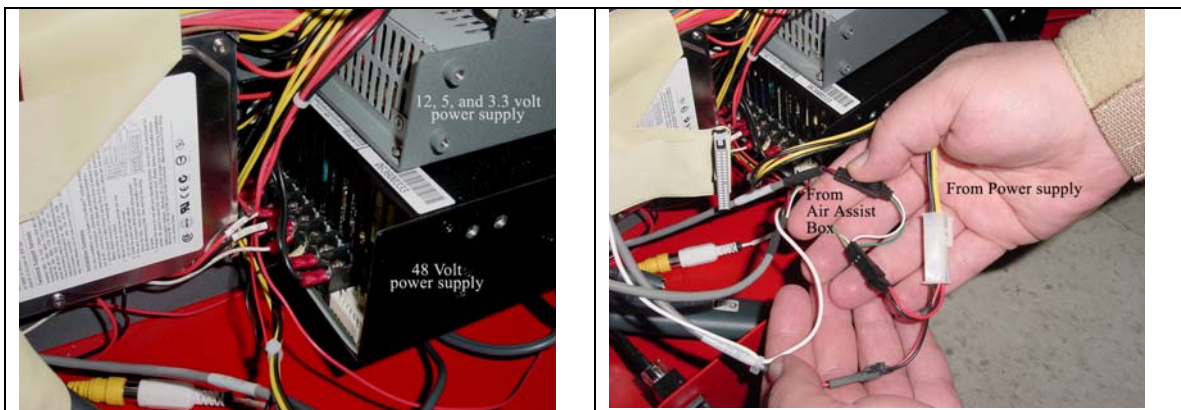


5) Remove the screws holding the air assist controls in place.



6) Install the new air assist controls into the air assist sheet metal.

7) Connect the serial cable.



8) Connect the power connections. The ring terminals install in the same location as the previous air assist power connection on the 48 volt power supply. The 12 volt connector (Green and yellow two pin wire connections) splices into the 12 volt harness as indicated.

If the air assist firmware is not shipped with the air box:

- 1) Open a web browser such as Internet Explorer
- 2) Type in this address as is: <http://63.253.136.156/support>
- 3) In the user name dropdown, type in: intranet/ftp
- 4) In the password dropdown, type in: ftp
- 5) Select the XL9200_12000_Air Assist firmware folder; open the serial AA firmware folder.
- 6) Unzip the file and install as normal