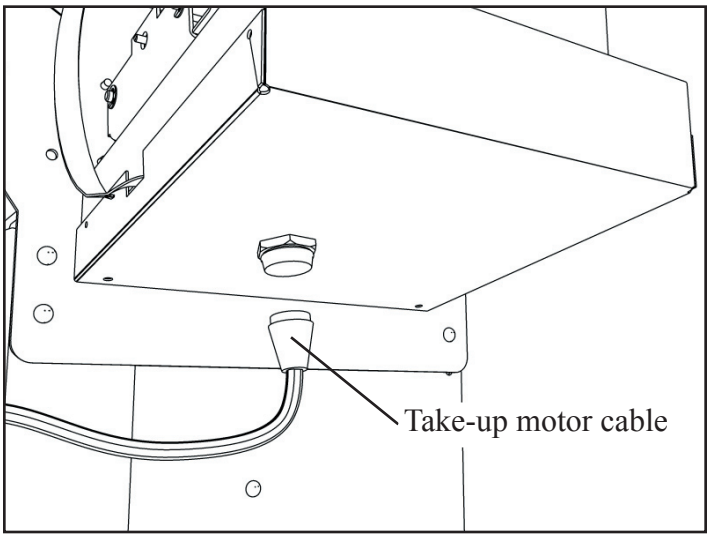
P/N: 108497 R2

14140 NE 200th St. Woodinville, WA. 98072 PH: (425) 398-8282 FX: (425) 398-8383

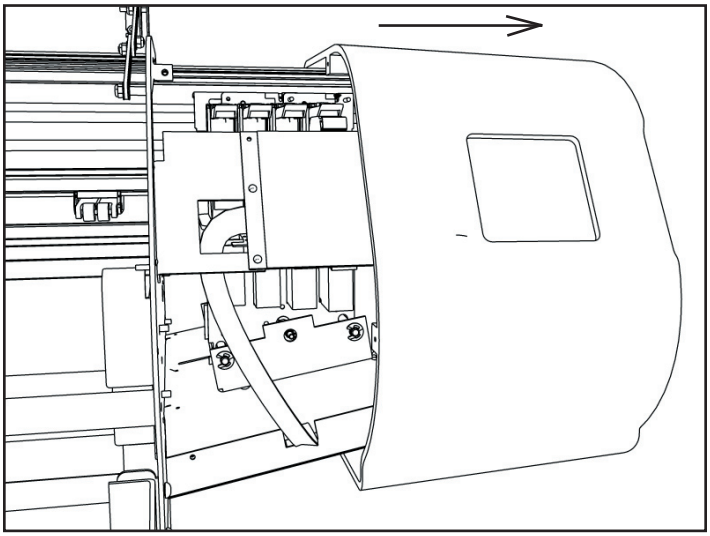
FlexJet Logic Board replacement

Tools Required:
Phillips head screwdriver
5/32” Allen wrench.

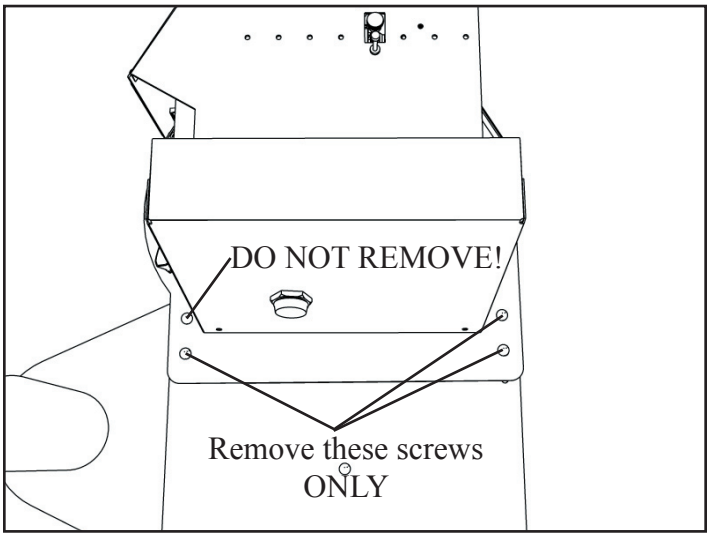
1. Unplug the take-up motor cable from the bottom of the machine. Unplug the power and serial cable.



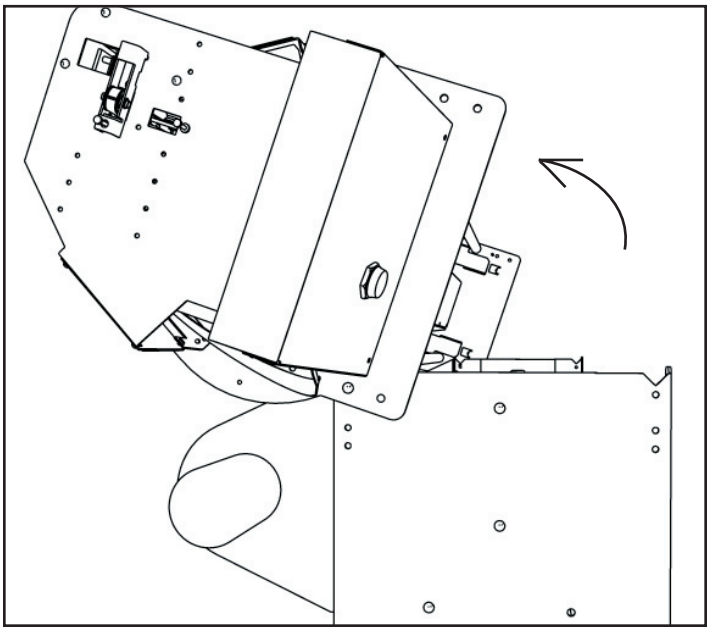
2. Remove the right side cover of the machine
(There are a total of 5 screws. 2 black phillips screws on the end plate, One silver phillips screw on the back, and two silver phillips screws on the bottom.)



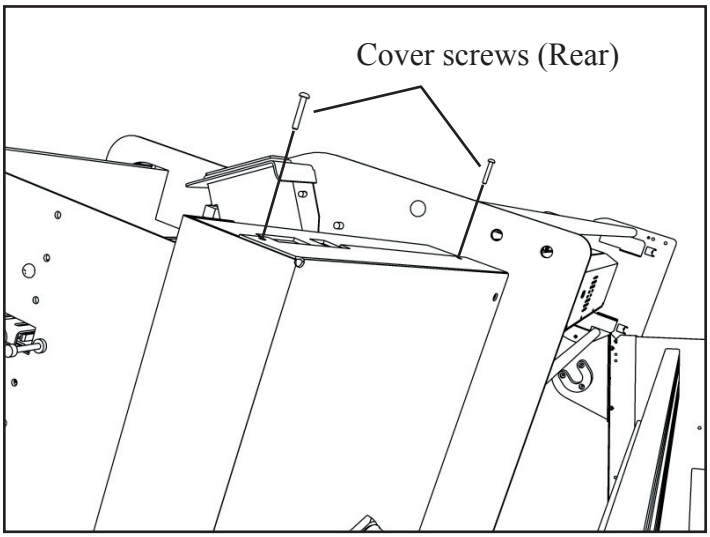
3. Remove 6 of 8 screws that hold the printer to the stand on both sides. See drawing below for the right screws to remove.
CAUTION: The printer is VERY heavy. Always stand behind the machine while performing this task.



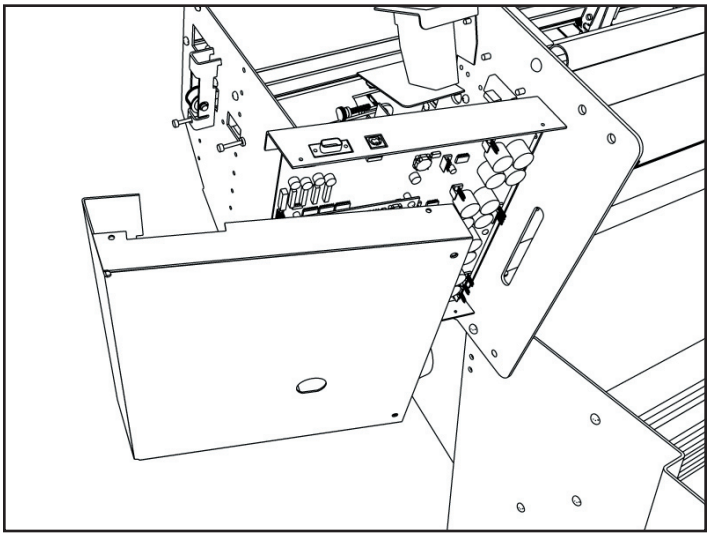
4. Stand behind the machine and lift it by the rear bar holding your hands 6” from the end plates. Roll the machine forward on the stand until it comes to rest in the forward position.



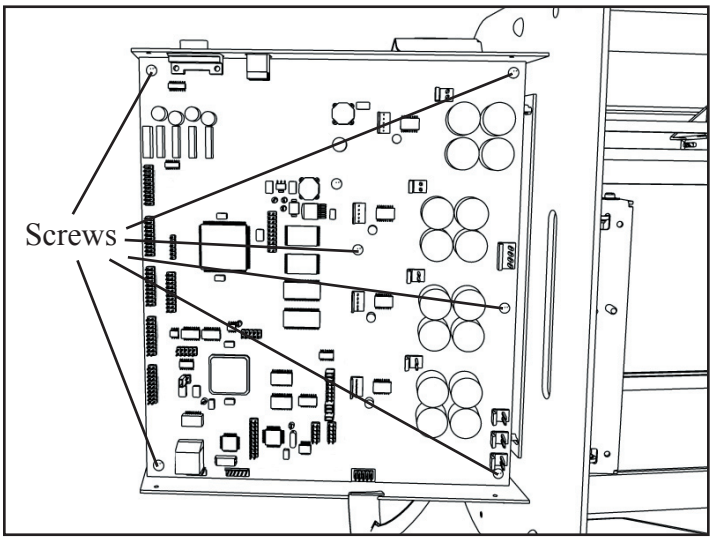
5. Remove the 4 phillips screws that hold the logic board cover on.



6. Make sure you are grounded with a static grounding strap (*Included with a new logic board, DO NOT remove the new logic board from the packaging*). Remove the logic board cover. **Note:** *Carefully unplug the take-up connector from the logic board before completely removing the cover.*

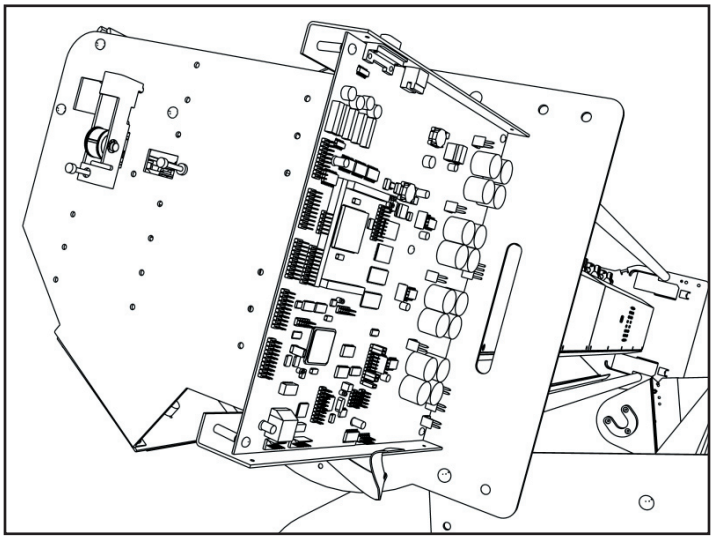


7. Mark the plugins as needed and carefully unplug the connections from the board. Remove the 6 silver phillips screws holding the board in the machine. Support the logic board with hand when removing the last screw to prevent it from falling onto the floor.



8. Pull the bottom of the board out first. Then pull the PCB away from the rear so the serial port connection is not damaged.

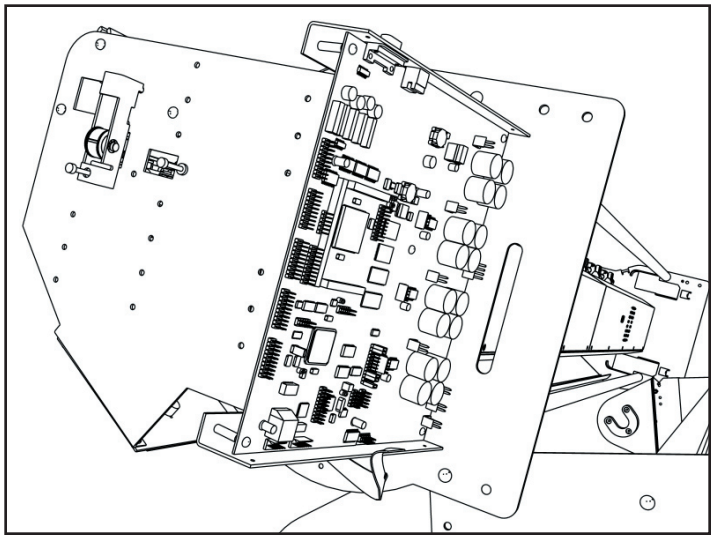
NOTE: Don't force it.



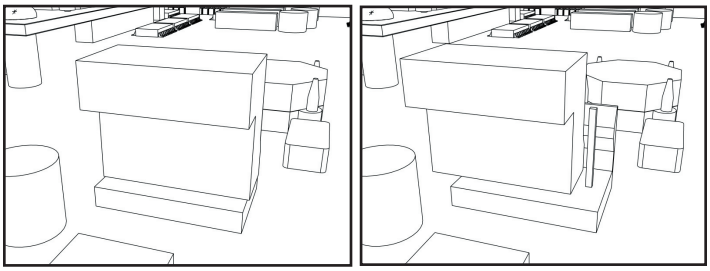
WARNING: When removing the new logic board from the packaging make sure you have the **Static Grounding Strap** *on correctly. If there is a static discharge to the new board it may not function properly.*

9. Remove the new logic board from it's packaging.

10. Install the new logic board into the machine. Carefully insert the serial port end into the holes in the metal bracket first. Tighten the 6 phillips screws that hold the board in making sure not to overtighten them.



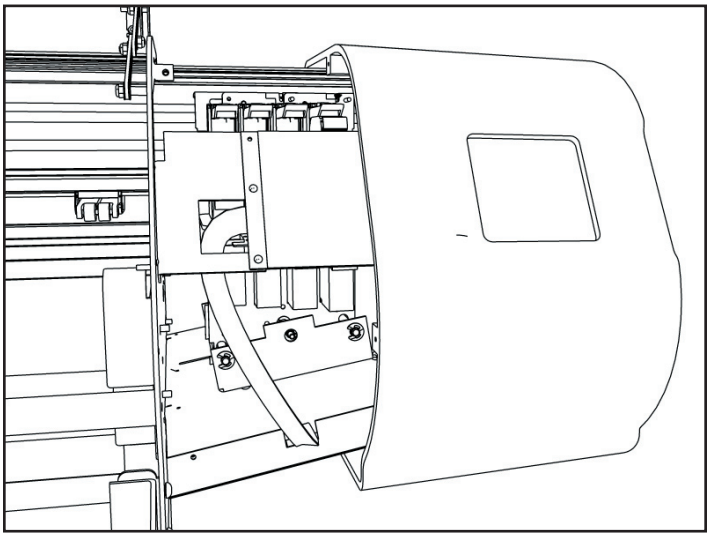
11. Plug in all the wire connections to the board. Make sure the connectors are not off by a pin (*See below*).



Right Wrong

12. Install the board cover making sure to plug in the take-up wire connections to the board first. Make sure there are no wires or cables pinched between the cover and the body.

13. Install the right side plastic cover.



14. Connect the power and serial cables.

15. Test the machine for proper functioning. Press the arrows on the keypad to make sure all directions are working.

16. If problems arise call Ioline Tech Support.