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Modifying the 2000i to Improve Printer Airflow

Use this procedure to relocate the 480i power supply and interface board to improve the performance of the printer by improving the airflow.

Rimage approved parts must be used for this process. The product warranty may become void if parts not approved by Rimage are used; equipment or parts are tampered with, misused, neglected, or modified in any respect without the written consent of Rimage.

Caution! *Some cable connectors in this system are latched. Equipment damage may occur if cables are not disconnected appropriately.*

Notes:

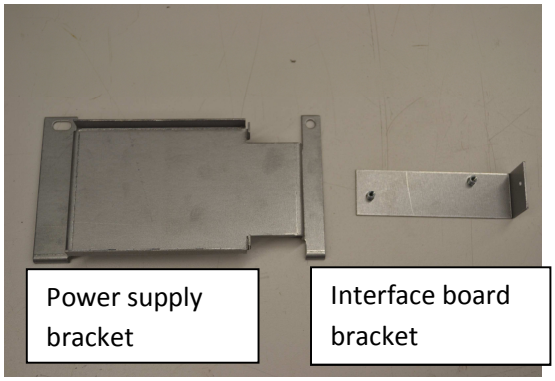
• Your system may not look exactly like the system pictured.

Required Tools

- T10 Torx screwdriver
- 11/32” nut driver
- Phillips screwdriver
- Grounding mat and strap

Parts Needed

- Power supply bracket (Qty. 1)
- Interface board bracket (Qty. 1)
- Phillips screws (Qty. 2)
- 11/32” nuts (Qty. 2)
- Small tie wraps (Qty. 2)
- Large tie wrap (Qty. 2)



Before you Begin

- Stop or pause all jobs
- Power off the Rimage 2000i

Disconnect the power cord from the power outlet.

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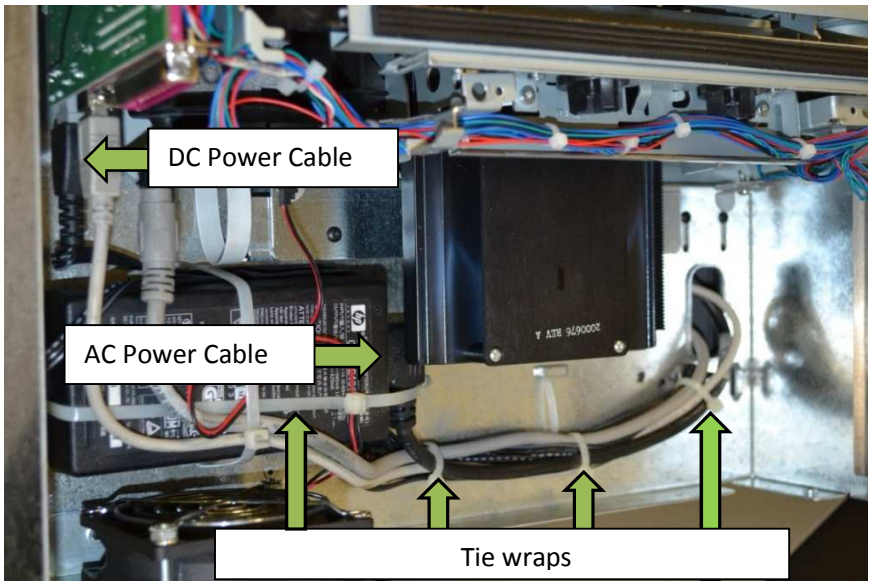
Prepare the System

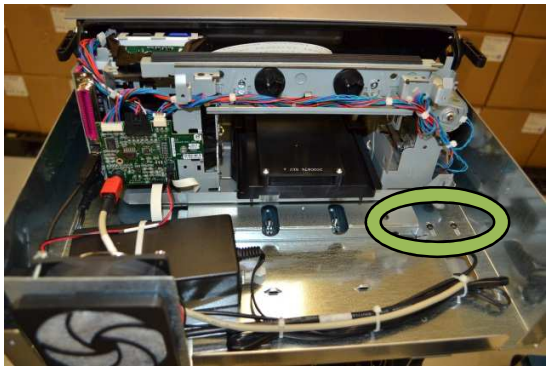
1. Disconnect the cables.
    - USB cable
    - Power cord
2. Remove the back panel.
    a. Remove the Torx T10 screws (Qty. 6) that secure the back panel.
    b. While firmly grasping the top of the back panel, lift and pull back to remove it.
3. Remove the top cover by removing the Torx T10 screws (Qty. 4) that secure it to the hinge.
4. Remove the left and right side panels (Qty. 2) by sliding them towards the rear of the system.

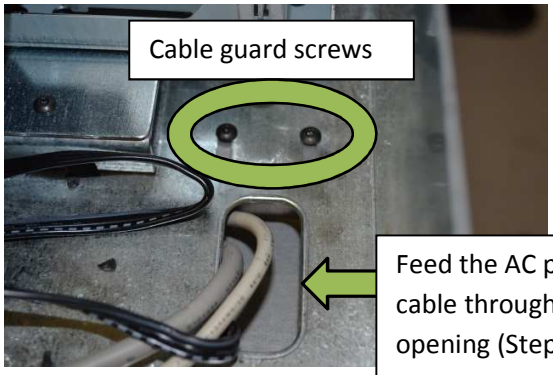
Relocating the Power Supply

1. Cut the **tie wraps** securing the power supply and around the cables.
2. Disconnect the **DC power cable** from the printer, and the **AC power cable** from the power supply.
    - **Note:** The AC power cable may be in a different position.

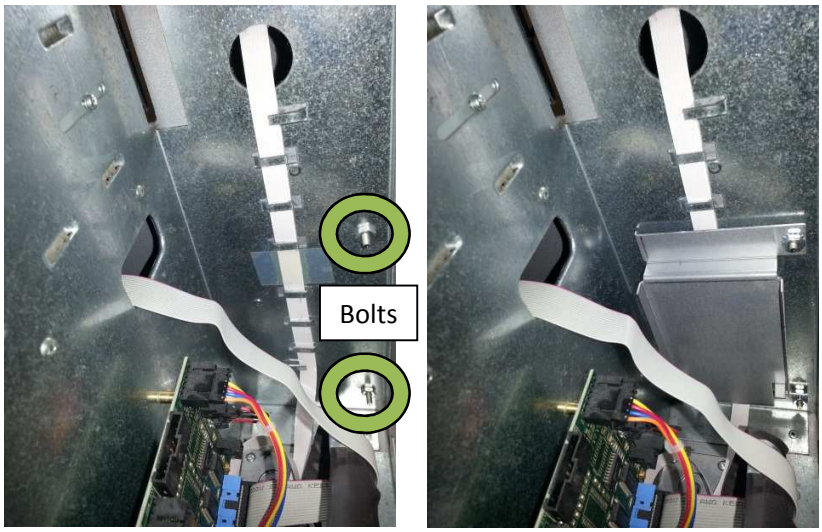


3. Remove the cable guard plate by removing the **Torx T10 screws** (Qty. 2).

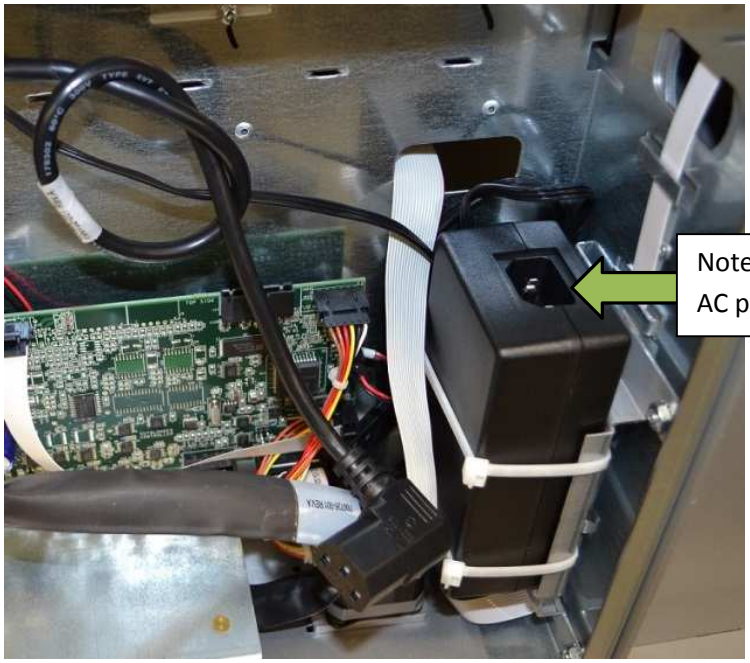




4. Feed the AC power cable from the printer area down to the autoloader power supply.
5. Secure the **power supply bracket** onto the bolts at the front of the system using the **11/32 nuts** (Qty. 2).



6. Install the power supply onto the bracket with the AC power connection facing up and ground prong facing away from the bracket. Secure the power supply using the **large tie wraps**.
    - **Caution:** Be careful not to hook the flex cable in the tie wrap.

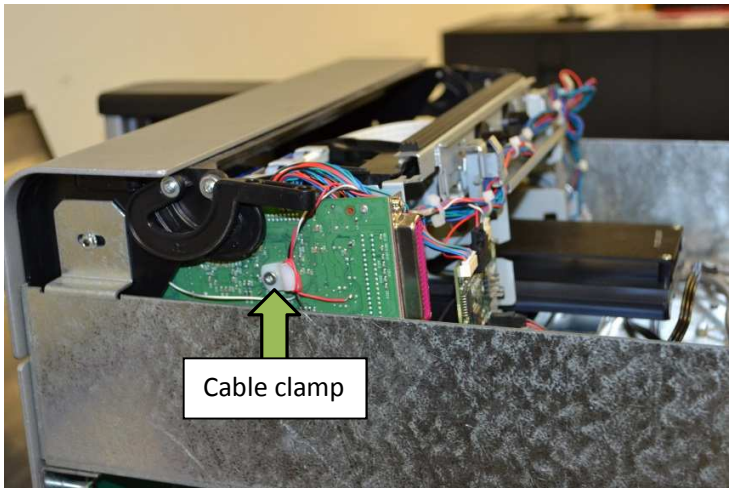


7. Connect the AC power cable to the power supply.
    - **Tip:** Tie the cable into a loose knot to shorten the cable.
8. Feed DC power cable from the supply to the printer, and connect it to the printer.
    - **Note:** Use the opening used in step 4 for the AC power cable.
9. Reinstall the cable plate with the Torx T10 screws removed in step 3.

Relocating the Interface Board

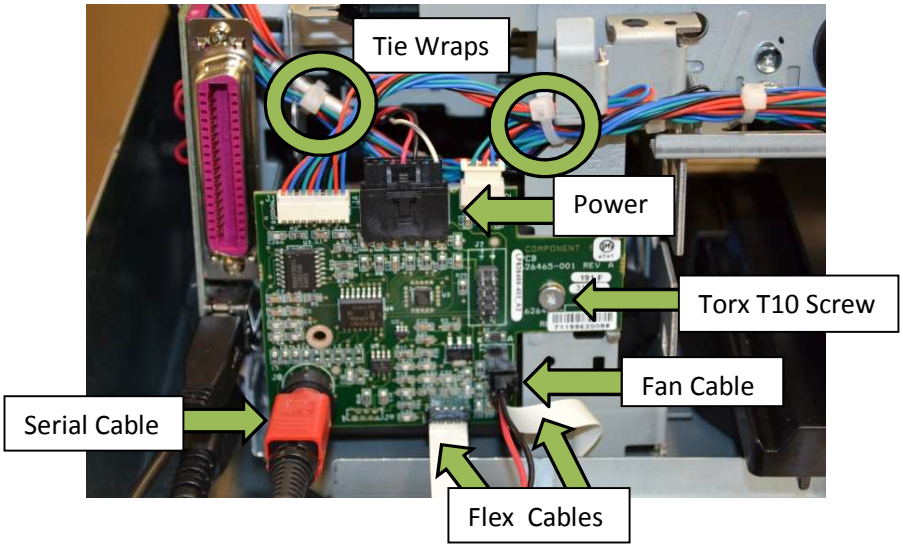
Caution! Observe precautions for handling electrostatic sensitive devices.

1. Remove the **cable clamp** located on the side of the printer using a Torx T10 screw driver.



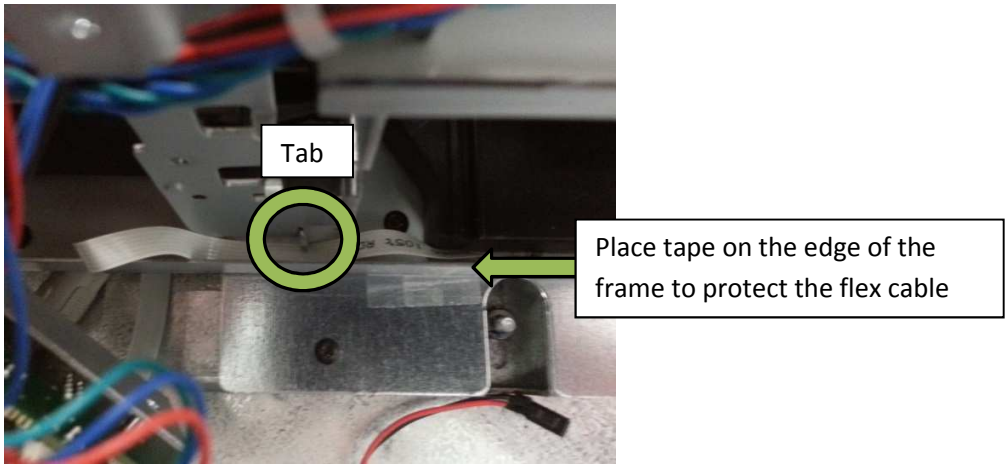
2. Remove the cable from the clamp and discard the clamp. Reinstall the screw.

3. Cut the **tie wraps** around the wire bundles coming from the printer (pictured below).
    - **Caution:** The tie wraps are tight around small wires, take care not to clip the wires.
4. Disconnect the **cables** from the interface board.
    - Serial cable
    - Fan cable
    - Two flex cables
    - Power connector.
5. Remove the **Torx T10 screw** securing the board.



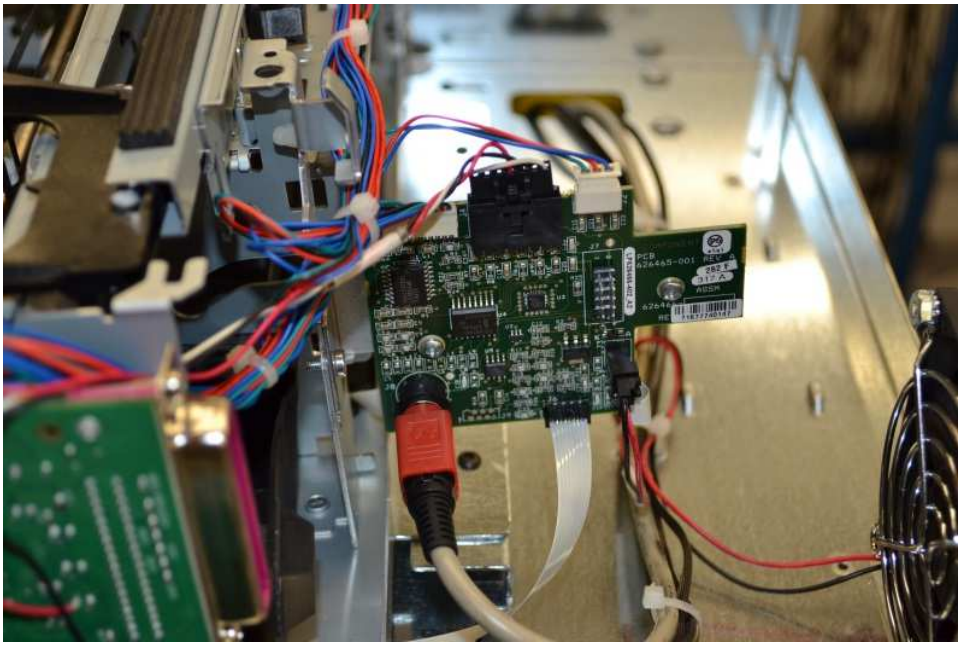
6. Secure the board to the **interface board bracket** using the **Phillips screws** (Qty. 2).
    - **Note:** The bracket will be connected to the printer frame in step 9.

7. Remove the flex cable that runs under the printer tray from under the tab.

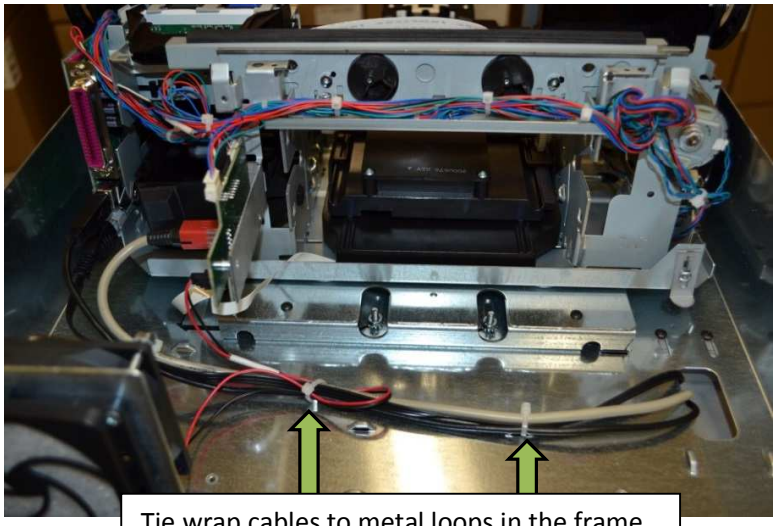


8. Connect the flex cable from step 7 to the board.
    - **Tip:** place a piece of tape on the sharp edge of the frame to protect the cable.
9. Secure the bracket to the printer frame using the screw removed in step 4.
10. Reconnect the remaining cables.

- Serial cable
- Fan cable
- Flex cable
- Power connector
    - **Tip:** Untwist the power cable to gain length.



11. Use the **small tie wraps** to secure the USB, serial, fan, and power cables to the metal loops.
    - **Tip:** Check to make sure the printer tray can close without catching on the cables.



Tie wrap cables to metal loops in the frame

Reassemble the System

1. Slide the side covers into place.
2. Secure the top cover to the hinges with Torx T10 screws (Qty. 4).
3. Secure the back panel with Torx T10 screws (Qty. 6).
4. Reconnect the cables.
    - USB cable
    - Power cord

Test the System

1. Power on the Rimage 2000i.
2. Restart the Rimage Software.
    - In Rimage System Manager, click the Start Server button for Production Server.

      OR
    - Open the QuickDisc Standalone software.
3. After the system completes its configuration, send a Print Label job from QuickDisc.