Adjust a Print Head on a Rimage® 480i Printer

This document explains how to adjust a print head on a 480i printer in a Rimage 2000i autoloader.
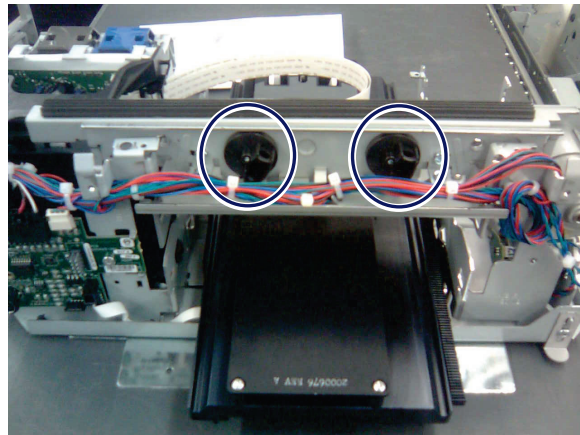
Before you begin:

1. Stop or pause all jobs.
2. Power off the **external control center (PC)**.
3. Power off the **Rimage 2000i**.
4. Disconnect the **power cord** from the 2000i.
5. Disconnect the **power cord** from the power outlet.

⚒ Required tools:

- Screwdriver
- One disc

1. Access the internal hardware of the 480i printer.

   a. Open the **printer service door** on the top of the Rimage 2000i.

   b. Locate the **adjustment knobs** (Qty. 2).

      ✎ **Note:** The knob on the left adjusts the black ink cartridge, the knob on the right adjusts the color ink cartridge.
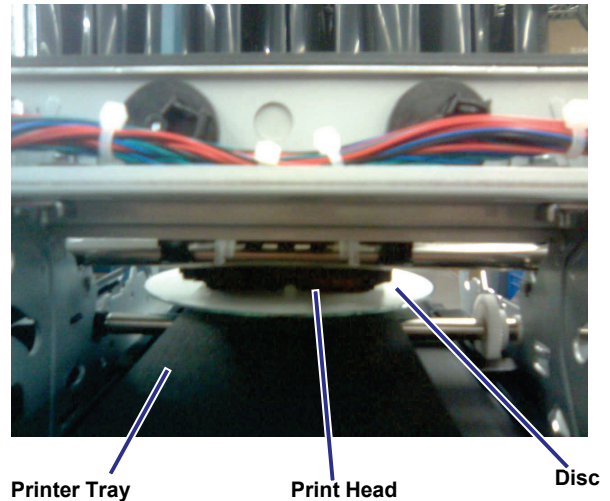

2. Adjust the print head.

   a. Turn the **adjustment knob** to the left to raise the print head.

   b. Turn the **adjustment knob** to the right to lower the print head.

      📖 **Tip:** Place a screwdriver in the center of the adjustment knob to turn it in the desired direction.

3. Check the print head adjustment.

    a. Place a **disc** (Qty. 1) on the printer tray.

    b. Manually move the **printer tray** about half way into the printer.

    c. Manually move the **ink carriage** so that it sits directly over the center of the disc.

    d. From the back of the system, make sure that the print head on either ink cartridge is flush with the surface of the disc.

        (!) **Important!** You should be able to move the printer tray in and out without scratching the disc on the print head.

Printer Tray   **Print Head**   **Disc**

4. Run **diagnostic test 6** (print test) to check the print head alignment.

    (!) **Important!** Make sure that the Rimage 2000i is not in an error state before running diagnostic test 6. If the system is in an error state, one or more of the indicator lights on the printer control panel will flash when the system is powered on. Refer to the *Rimage 480i User Guide* for more information.

    a. Power on the **system**.

        i.   Connect the **power cord** to the back of the Rimage 2000i.

        ii.   Connect the **power cord** to the power outlet.

        iii. Power on the **Rimage 2000i**.

        iv.   Allow the system to fully initialize. This may take up to 5 minutes.

    b. Perform printer diagnostic test 6.

        i.   Press and hold the **cancel (X) button**.

        ii.   While holding the **cancel (X) button**, press the **tray button** (middle button) 6 times.

        iii. Release the **tray button**.

        iv.   Release the **cancel (X) button**. Diagnostic test 6 begins. The printer prints a disc with horizontal and vertical lines.

5. Make sure that the lines printed on the disc are not blurred or smudged. If you see imperfections on the printed disc, repeat the procedure in this document to adjust the print head accordingly.

Support information

Contact Rimage US, Asia/Pacific, Mexico/Latin America:	When you contact Rimage Support, please provide:
Web: www.rimage.com/support **KnowledgeBase:** http://rimage.custhelp.com ☎ **North America:** 800-553-8312 ☎ **Asia/Pacific, Mexico/Latin America:** 952-946-0004	• Unit serial number and software version. • Functional and technical description of the problem. • Exact error message received.
Contact Rimage Europe:	
Web: www.rimage.de **Email:** support@rimage.de ☎ **Tel:** +49-(0) 1805-7462-43 🖷 **Fax:** +49-(0) 6074-8521-101	Rimage Corporation reserves the right to make improvements to the equipment and software described in this document at any time without any prior notice. Rimage Corporation reserves the right to revise this publication and to make changes from time to time in the content hereof without obligation of Rimage Corporation to notify any person or organization of such revisions or changes.