

## Align the Lift Arm to the Carousel

Use this procedure to align the lift arm to the carousel in a Rimage **Producer™ II (Autostar II, Protégé II, and Amigo II)**, **Producer™ III (6100, 7100, and 8100)**, **Producer™ IIIN (6100N, 7100N, and 8100N)** and **AutoPrinter™ (AutoPrism and AutoEverest)**.

### Notes:

- Use this procedure if the discs are rubbing on the carousel or are not being picked properly from the carousel.
- The term “autoloader” is used throughout this document to refer to the products listed above.
- Your system may not look exactly like the system pictured.

### Important!

- The steps you will follow in this document depend on the type of firmware you have installed on your Rimage autoloader. Check your autoloader’s firmware version before you begin this procedure. The latest firmware versions and instructions are available at [www.rimage.com/support](http://www.rimage.com/support). Select: **Product Series > Product Name > Software, Firmware & Service Packs** tab.
- Rimage approved parts must be used for this process. The product warranty may become void if parts not approved by Rimage are used, or if equipment or parts are tampered with, misused, neglected, or modified in any respect without the written consent of Rimage.

### Before you begin

1. Stop or pause all jobs.
2. Check the firmware version installed on your autoloader. Refer to the instructions available at [www.rimage.com/support](http://www.rimage.com/support). Select: **Product Series > Product Name > Software, Firmware & Service Packs** tab.

### Required tools:

- Torx T10 screwdriver
- Torx T15 screwdriver

## Check the Lift Arm Alignment – For Firmware Versions Lower than 3.601

### Important!

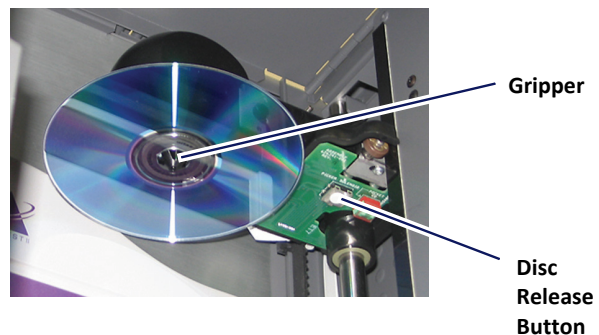
- The procedure in this section is only for autoloaders with firmware versions lower than **3.601**.
- If you have an autoloader with firmware version **3.601 or higher**, continue to the [Check the Lift Arm Alignment – For Firmware Version 3.601 or Higher](#) section on page 2.

1. Access and select **diagnostic test 5** (cycle the lift diagnostic). Refer to the operator level diagnostic test document for firmware versions lower than 3.601 available at [www.rimage.com/support](http://www.rimage.com/support). Select: **Product Series > Product Name > Repair** tab.

 **Tip:** Load the discs into bin 1. Stop the diagnostic test when the lift arm and the attached disc are moving down into the next bin.

 **Important!** After you stop the test, do not move the carousel.

2. When diagnostic test 5 is stopped, place a disc on the lift arm.
  - a. Push the **disc** into the gripper while you press the **disc release button**.
  - b. Release the **disc release button**. The gripper holds the disc.




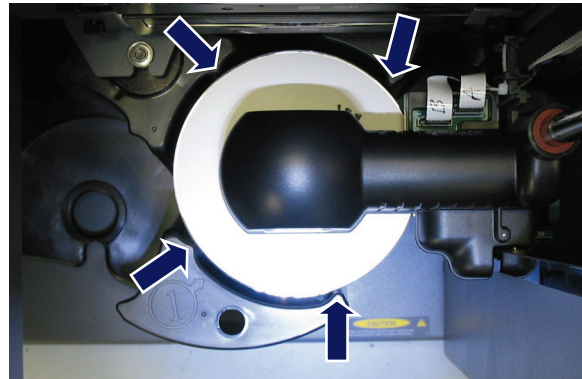
3. Manually, slowly lower the **lift arm** and the attached **disc** to the bin that was in position when diagnostic test 5 was stopped, as shown.

 **Important!** Do not move the carousel.



4. Observe the position of the disc at the four points shown, but do not adjust the lift arm at this point.

 **Note:** If the lift arm is properly aligned, the edge of the disc should not touch any part of the carousel.



5. Repeat the alignment check for each bin.

- a. Repeat **steps 1 – 4** in this section.


 **Tip:** Stop diagnostic test 5 at a different bin each time.

- b. When the alignment check has been completed for each bin, continue to **step 1** in the *Align the Lift Arm* section on page 3 of this document.

### Check the Lift Arm Alignment – For Firmware Version 3.601 or Higher


1. Access and select **diagnostic test 3** (calibrate diagnostic test). Refer to the operator level diagnostic test document for firmware version 3.601 or higher at [www.rimage.com/support](http://www.rimage.com/support). Select: **Product Series > Product Name > Repair** tab.
2. When diagnostic test 3 is complete, access and select **diagnostic test 1** (carousel diagnostic test). Refer to the operator level diagnostic test document for firmware version 3.601 or higher.
3. When diagnostic test 1 has been completed for each bin, continue to **step 1** in the *Align the Lift Arm* section on page 3 of this document.

## Align the Lift Arm

 **Note:** This procedure is for Producer II, Producer III, Producer IIIN, and AutoPrinter autoloaders with all firmware versions.

1. If the disc does not align to the bins during the alignment check, adjust the **lift arm** from left to right or from front to back.

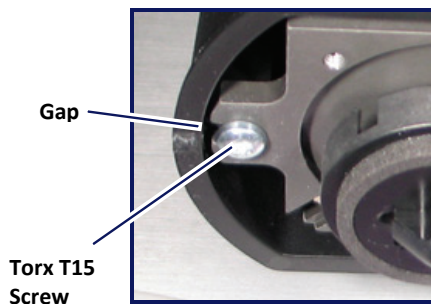
- Adjust the lift arm left to right:
  - a. Press the **disc release button** to release the **disc** and remove it from the lift arm.
  - b. Loosen the **Torx T15 screw** located on the bottom of the gripper board assembly.
  - c. Grip the **disc release button** and slide the gripper board assembly left or right as necessary.

 **Tip:** Use the screw and the gap as a guide to see how far you move the gripper board assembly to the left or right. Refer to the photos below.

Left to Right Adjustment

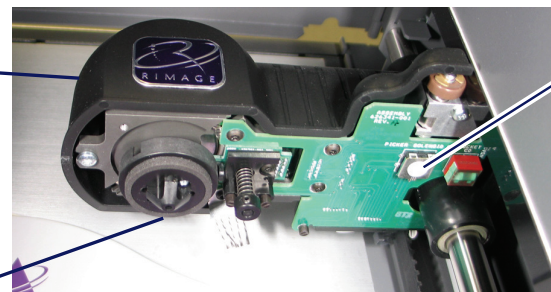


Torx T15 Screw



Torx T15 Screw

Gripper Board Assembly

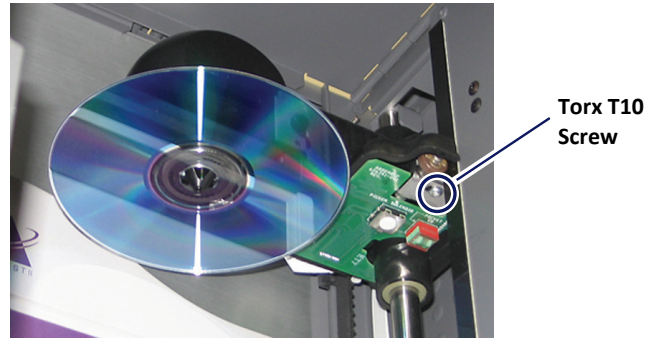


Disc Release Button

- d. Tighten the **Torx T15 screw**.
  - ⚠ **Important!** Do not over tighten the Torx T15 screw.
- e. Repeat the alignment check to make sure that the lift arm is aligned to each bin.
  - **Autoloaders with firmware version lower than 3.601:** Repeat **steps 1 – 5** in the [Check the Lift Arm Alignment – For Firmware Versions Lower than 3.601](#) section on page 1.
  - **Autoloaders with firmware version 3.601 or higher:** Repeat **diagnostic test 1**. Refer to the [Check the Lift Arm Alignment – For Firmware Version 3.601 or Higher](#) section on page 2 of this document.

- Adjust the lift arm front to back:
  - a. Place a **disc** on the lift arm. Refer to page 1.
  - b. Loosen the **Torx T10 screw**.

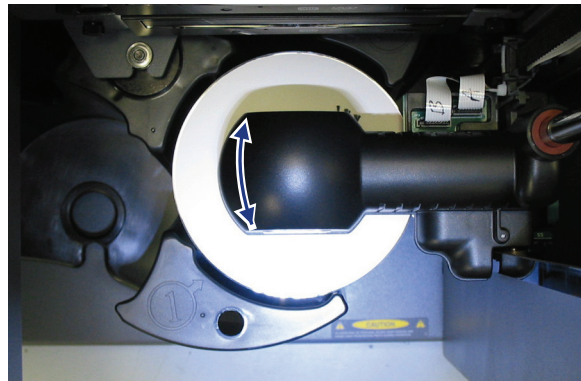
⚠ **Important!** Keep the screwdriver in position.



Front to Back Adjustment


- c. Gently move the **lift arm** forward or backward as shown.
- d. While holding the lift arm in position, tighten the **Torx T10 screw**.

⚠ **Important!** Do not over tighten the Torx T10 screw.

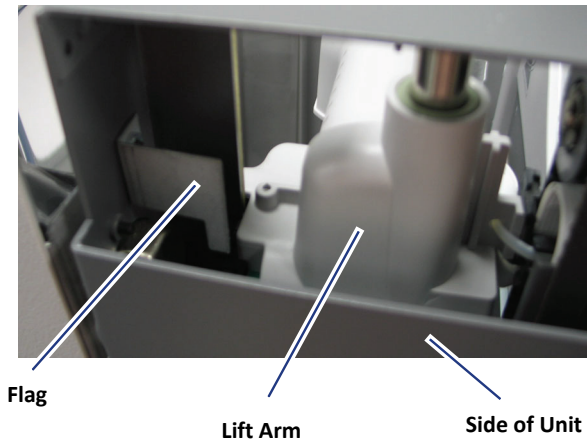


- e. Repeat the alignment check to make sure that the lift arm is aligned to each bin.
  - **Autoloaders with a firmware version lower than 3.601:** Repeat **steps 1 – 5** in the [Check the Lift Arm Alignment – For Firmware Versions Lower than 3.601](#) section on page 1.
  - **Autoloaders with firmware version 3.601 or higher:** Repeat **diagnostic test 1**. Refer to the [Check the Lift Arm Alignment – For Firmware Version 3.601 or Higher](#) section on page 2 of this document.

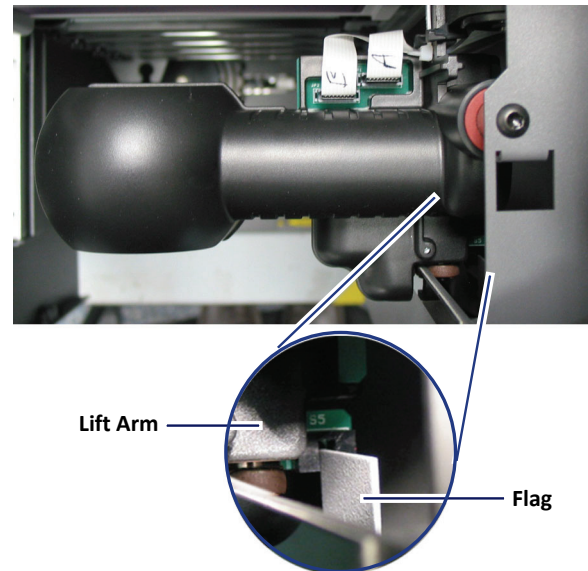
2. Repeat **step 1** until the lift arm is aligned. Refer to page 3 of this document.

 **Important!** When the lift arm is aligned, make sure that the flag is still centered in the sensor. Refer to the photos below.


Producer II and AutoPrinter



Producer III and Producer IIIN



3. Exit diagnostic mode. Refer to the diagnostic test instructions.





 **Note:** When the lift arm is properly aligned to the carousel, make sure that the printer is aligned. Refer to your autoloader's user guide for complete printer alignment instructions.

4. Remove the **disc(s)** from the lift arm and the carousel.

The autoloader is ready for use.

### Support information

#### Contact Rimage US, Asia/Pacific, Mexico/Latin America:

-  **Web:** [www.rimage.com/support](http://www.rimage.com/support)
-  **KnowledgeBase:** <http://rimage.custhelp.com>
-  **North America:** 800-553-8312
-  **Asia/Pacific, Mexico/Latin America:** 952-946-0004

#### When you contact Rimage Support, please provide:

- Unit serial number and software version.
- Functional and technical description of the problem.
- Exact error message received.

#### Contact Rimage Europe:

-  **Web:** [www.rimage.de](http://www.rimage.de)
-  **Email:** [support@rimage.de](mailto: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.