Scalar i40 and Scalar i80: Bezel Replacement

The bezel replacement procedure is similar for the Scalar® i40 and the Scalar i80 library. Pictures of the Scalar i40 also apply to the Scalar i80.

Read these instructions completely before beginning.

To replace the bezel, refer to the following sections:

Bezel Replacement Kit Contents

The bezel replacement kit contains the following items:

- 1 Bezel
- 4 screws

Required Tools:

- Phillips #1 screwdriver

Creating a Backup Map of Cartridge Locations

Because you need to completely remove the magazines from the library, you should create a backup "map" so you have the slot position of each cartridge. The Library Configuration report, which shows the barcodes for each slot, provides a convenient backup "map" if the cartridges get mixed-up or dropped.

1 From the Web client, select **Reports > Library Configuration**.

2 Click the **Show Barcodes** button.

The screen displays a map of the library showing the location of each cartridge, by barcode.

3 Click the "print" icon in the upper right corner to print the report.

Alternatively, take a screen capture of the report and save or print it, or copy the map by hand.

Removing the Bezel

These instructions explain how to remove the bezel from the Scalar i40 and Scalar i80 libraries:

1 Stop all library operations.

   a Prepare host applications by following the vendor instructions for stopping all commands to the library.

   b Be sure all library operations have stopped.

2 Remove all magazines completely from the library; complete the following steps for each magazine:

> **Note:** When removing magazines from a library, label them so that you can reinstall them in the same locations.

   a On the Operator panel, select **Actions > Magazine**.

   b Select a magazine and press **Release**.

   c When prompted, remove the magazine completely.

> **Note:** There is less chance of scratching or damaging the new bezel when you install it if you completely remove the magazines. On the Scalar i80, it is easier to perform this procedure with at least the bottom two magazines completely removed. You need room to maneuver your fingers on the sides of the bezel.

3 Shut down the library.

   a From the Operator panel, select **Actions > Shutdown**

   b Select **Shutdown Library**, and **Yes** to confirm.

   c When prompted on the screen, press the power button on the front panel to **OFF**. Wait for the Operator screen to turn off and the System Control Board (SCB) LED to go off.

4 Prepare to gain access to the four (4) bezel screws (see Figure 1 on page 4 and Figure 2 on page 5 for locations).

The method depends upon how your library is installed. Follow the instructions in the table below that correspond to your library installation.

If your library is...	Follow these steps...
Installed in a rack high enough to access to the bottom bezel screws	Unscrew all the thumbscrews that secure the library to the rack (the Scalar i40 has two thumbscrews; the Scalar i80 has four). See Figure 2 on page 5.
Installed in a desktop kit	Release the desktop cover by removing two screws at the rear of the desktop cover, then slide the desktop cover toward the back of the library two or three inches.
Installed very low in a rack so that you cannot access the bottom bezel screws unless you remove the library from the rack	Remove the library from the rack as follows: **Warning:** Two people are required to safely remove the library from the rack. **1** Unplug the power cords, Ethernet cable, and tape drive cables from the back of the library. If there are multiple tape drives, label all the cables so you can reconnect them properly later. **2** Remove the magazines and tape drives. Label them before removing, so you know where to reinstall them later. **3** Unscrew the captive thumbscrews in the rack ears that secure the library to the rack. **4** Using two people, slide the library all the way out of the rack and place it on a level table or desk about waist high.

Caution: Only slide the library out far enough to access the two screws on the bottom of the library. The library is not secured in the rack or on the desk. Pulling it out too far could cause the library to slide out of the rack or off the desk.

Caution: Ensure that there is enough slack in the power cords and cables connected in the rear of the library so that you do not dislodge them when you slide the library forward.

5 Slide the library one to two inches forward out of the rack, or over the edge of the table or desk, to access the two bottom bezel screws.

Caution: Do not tip the library or tilt it on its side.

6 Remove and set aside the two screws securing the bezel to the bottom of the chassis (see Figure 1).

7 Remove and set aside the two screws securing the bezel to the top of the chassis (see Figure 2 on page 5).
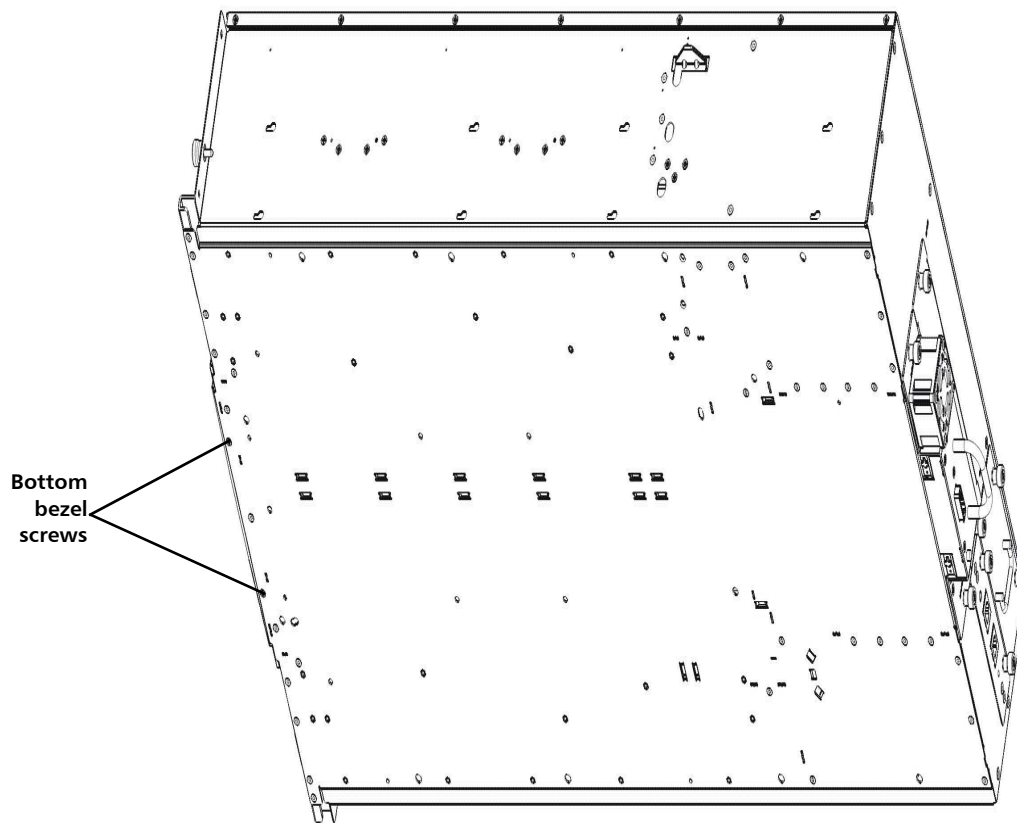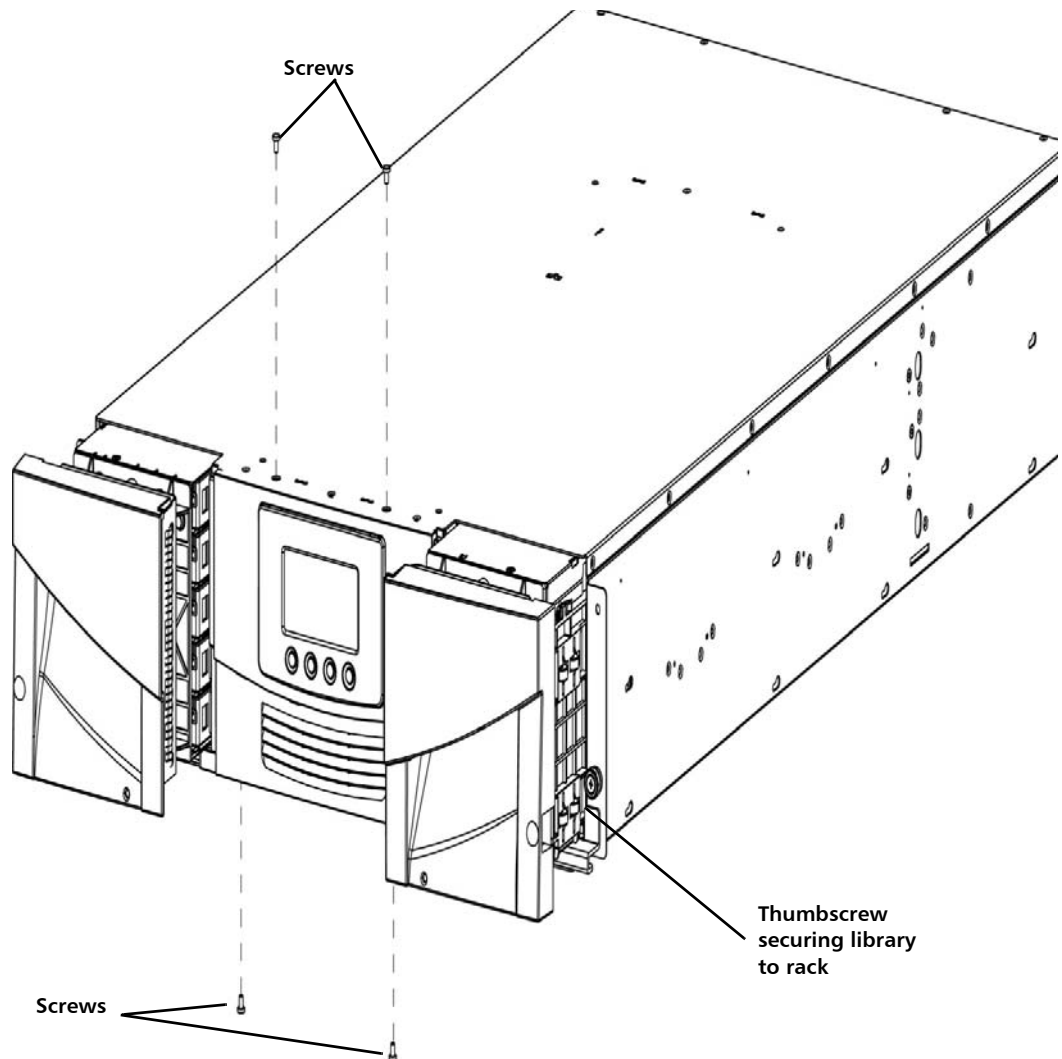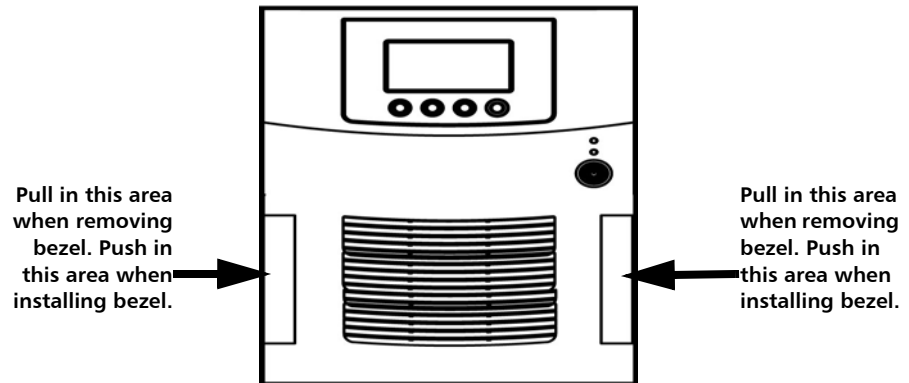
Figure 1 Bezel Screw Locations on Bottom of Library

Bottom bezel screws

Figure 2 Bezel Screws and
Thumbscrew Location

Screws

Screws

Thumbscrew
securing library
to rack

8 Remove the bezel as follows:

- **Scalar i40**: Grasp the bezel gently at the top and bottom and pull the bezel straight out and off of the library. Do not tip or twist the bezel as you pull it off.

- **Scalar i80**: Use your fingers to grasp the bezel near the center on both sides, and pull outward to disengage the bezel (see Figure 3 on page 6 for location). There are plastic tabs on the inside of the bezel that help secure the bezel to the library; pulling outward from this location helps disengage them. You may need to move the bezel slightly back and forth to remove it.

Figure 3 Scalar i80 Pull/Push Locations

Pull in this area when removing bezel. Push in this area when installing bezel.

Pull in this area when removing bezel. Push in this area when installing bezel.

Replacing the Bezel

These instructions explain how to replace the bezel on the library:

1   Install the new bezel straight onto the library:

Do not tip or twist the bezel. Be careful not to scratch or damage the bezel as you install it.

a   Slide the top and bottom edges of the bezel to the inside of the top and bottom layers of the chassis sheet metal.

b   On the Scalar i80, press in near the center on both sides of the bezel until you hear it "snap" into place (see Figure 3 for locations).

Caution: Make sure the power button and all four Operator panel control buttons appear through the holes in the bezel and are not trapped beneath the bezel.

2   Install the two top screws, then the two bottom screws.

3   Reinstall the library in the rack or desktop kit.

4   Reinstall all drives that were removed from the library.

5   Insert all magazines back into their original positions in the library.

6   Turn the library **ON** by pressing the power button on the front panel and wait until the library initializes before resuming library operations.

7   If you removed the library from the rack to perform this procedure, run the Installation and Verification Test (IVT) to ensure that the robot (Y-tray), tape drives, and magazines are all functioning properly:

a   From the Operator panel, select **Tools > IVT**.

b   Follow the instructions on the screen.

The IVT takes about 30 minutes to complete.