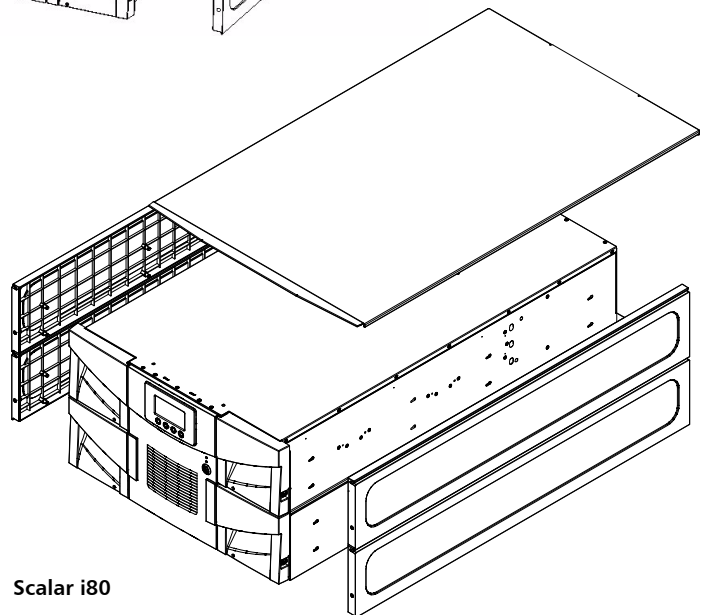
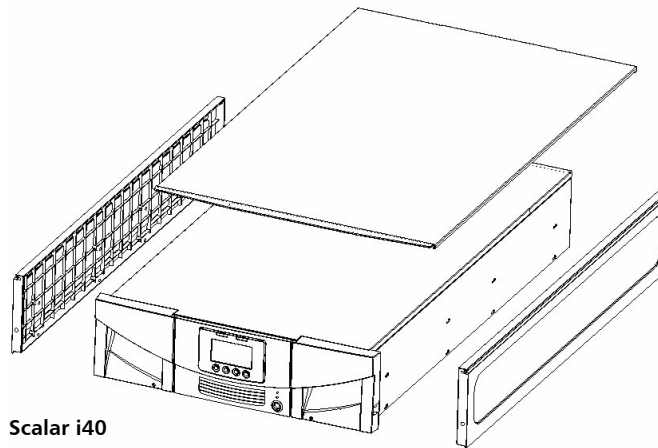


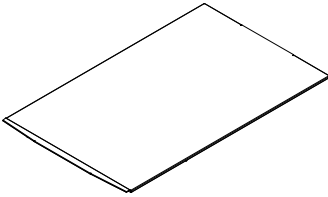
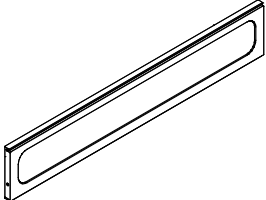

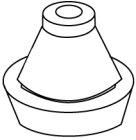
Installing the Scalar i40 and Scalar i80 Libraries in a Desktop Kit

The instructions for installing the Scalar i40 and the Scalar i80 in a desktop are the same. The only difference is that the Scalar i40 has two side panels, and the Scalar i80 has four.

Figure 1 Desktop Kit, Scalar i40 and Scalar i80



Kit Contents

Item	Quantity
Top cover 	1
Side panel 	2 for the Scalar i40; 4 for the Scalar i80
Top cover screws 	2
Rubber feet 	8

Tools Required

- Phillips screwdriver
- Magazine lock override tool — an opened paperclip, small screwdriver, or other object (3.5 mm or less in diameter that will not break off)

Space Requirements

Make sure the location in which you want to install your library in a desktop kit provides adequate space and air clearance. [Table 1](#) provides dimensions and air

clearance requirements for the Scalar i40; [Table 2](#) provides dimensions and air clearance requirements for the Scalar i80.

Please note:

The following specification depths exclude drive sleds. Drive sleds will add up to 50 mm to the overall length of the library depending on version (half-height, full-height, Fibre Channel, SAS).

When planning space requirements, please also take into account installed cables (particularly fibre-optic cable radius on Fibre Channel tape drives).

Table 1 Scalar i40 Dimensions and Air Clearance

Dimensions	Scalar i40
Height	5.341 in. (135.65 mm)
Width	18.898 in. (480 mm)
Depth (from library front bezel to back of library; excludes drive sleds)	31.221 in. (793 mm)
Air clearance	Open 4 in. (10 cm) in front of and behind library for proper air flow

Table 2 Scalar i80 Dimensions and Air Clearance

Dimensions	Scalar i80
Height	10.581 in. (268.75 mm)
Width	18.898 in. (480 mm)
Depth (from library front bezel to back of library; excludes drive sleds)	31.221 in. (793 mm)
Air clearance	Open 4 in. (10 cm) in front of and behind library for proper air flow

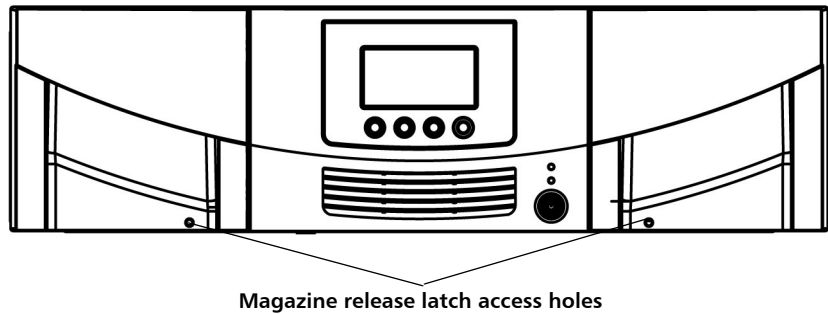
Procedure

WARNING: Two people are required to safely lift the library.

- 1 If your library is currently installed in a rack, remove the magazines and tape drives, and then remove the library from the rack. See the *Scalar i40 and Scalar i80 User's Guide* for instructions.
- 2 Set the library on the desk or table in your chosen location.

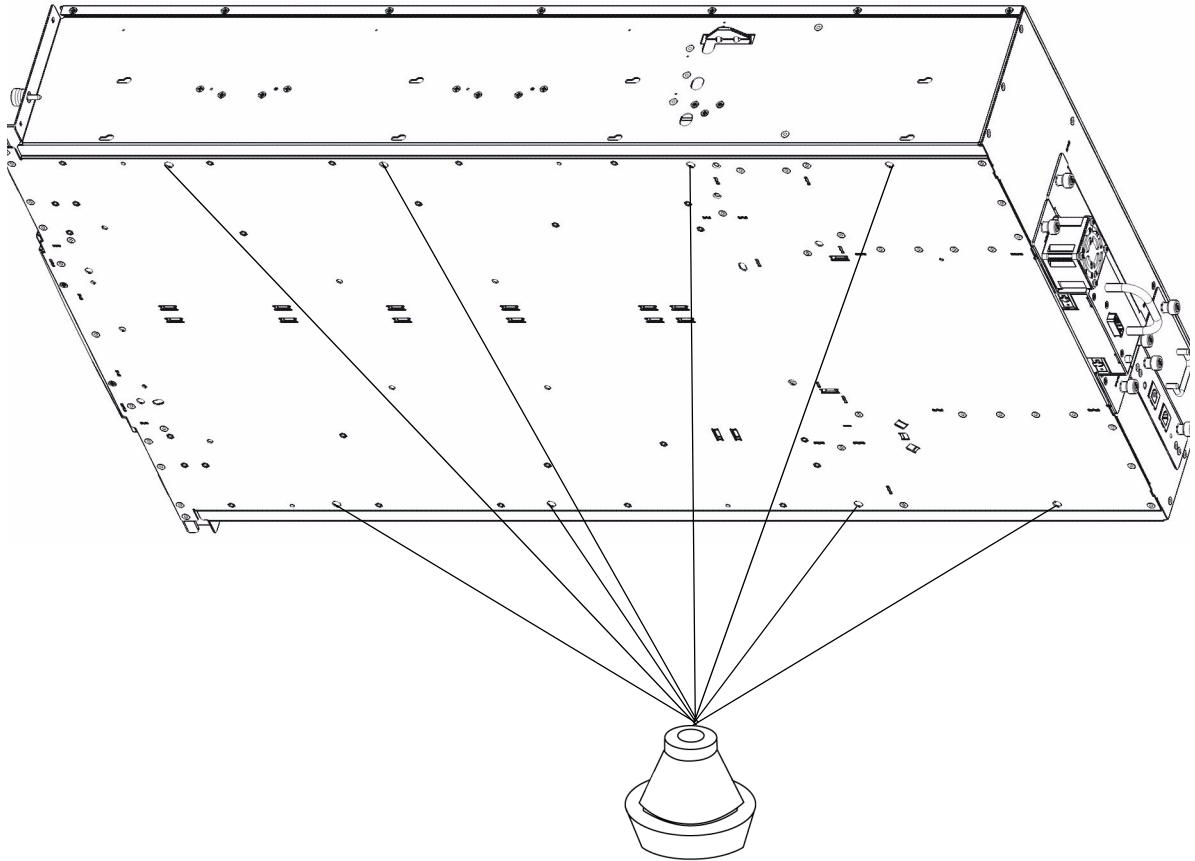
- 3 Remove all the magazines from the library (if you have not already done so), as follows:
 - a Insert the magazine lock override tool into the access hole in the bottom of the magazine bezel (see [Figure 2](#)).
 - b Use the tool to depress the release latch while gently pulling outward on the magazine bezel handle. If the magazine is on the right side, it will only slide out as far as the I/E station. To release the magazine fully:
 - On the Scalar i40 and the bottom right magazine of the Scalar i80, reach under the open magazine and insert the tool directly into the access hole in the library chassis to depress the release latch, while pulling out on the magazine bezel handle.
 - On the top right magazine of the Scalar i80, reach under the open magazine and press the release latch directly with your finger, while pulling out on the magazine bezel handle.

Figure 2 Magazine Release Latch Access Holes



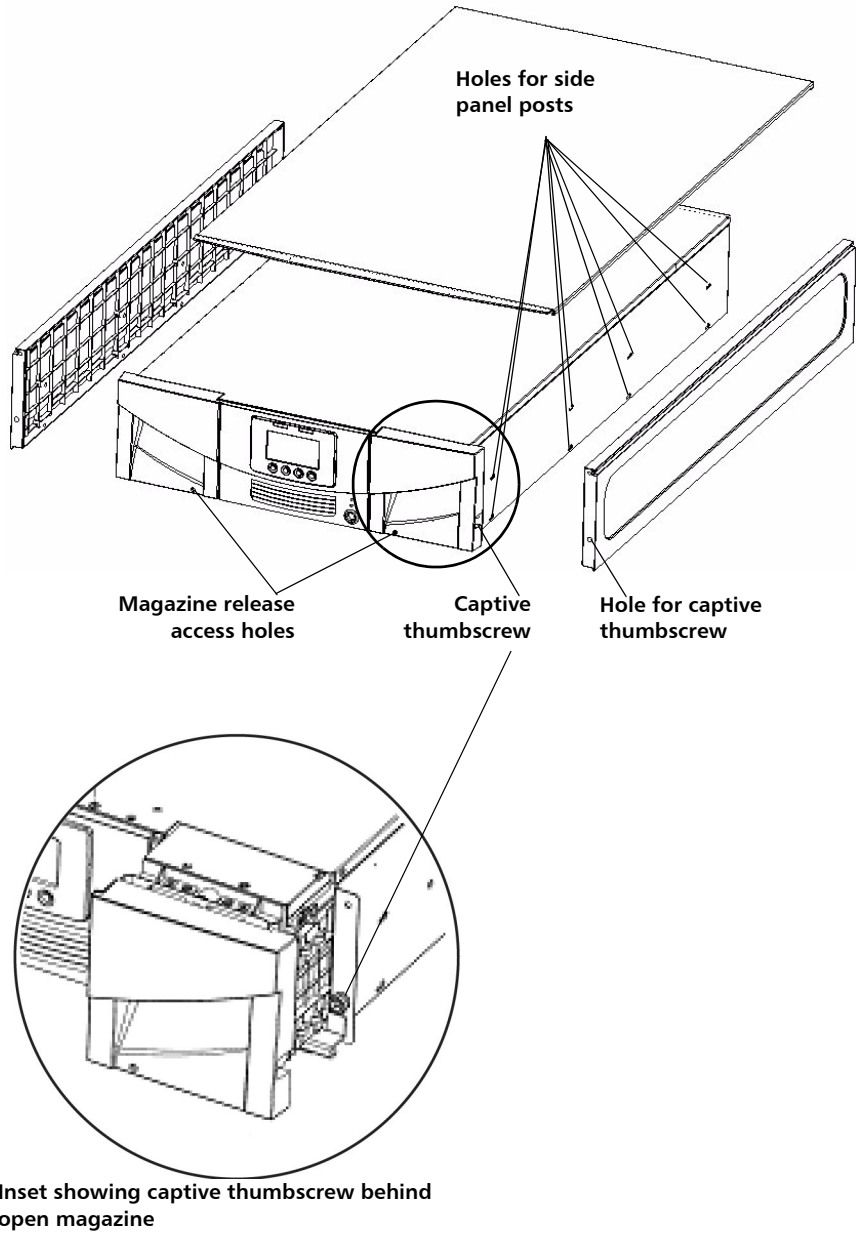
- 4 Look through the magazine slot openings to be sure the robot is resting on the floor of the library. If not, reach inside and gently press down on one of the robot's side metal rods until the robot starts moving. It should drift down to rest on the floor of the library.
- 5 Turn the library carefully on its side (either the left or right side). Make sure the front end of the library (the "rack ear") overhangs the edge of the table so that the library lies flat.
- 6 Install the eight rubber feet on the bottom of the library, as follows:
 - a There are eight holes in the bottom of the library into which you will press the rubber feet. Four holes are located along the right edge and four along the left edge. [Figure 3](#) shows the locations of these holes.
 - b Use your fingers to press the feet into the holes. Twisting the feet as you push them may make it easier to get them in. See [Figure 3](#).
 - c Carefully turn the library back to an upright position so that it is resting on its rubber feet.

Figure 3 Location of Rubber Feet on Bottom of Library



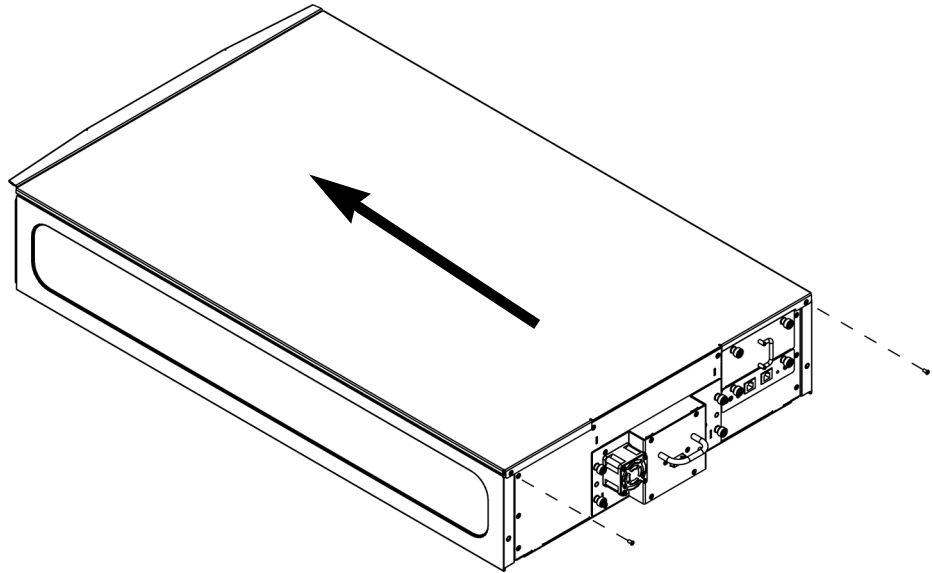
- 7 Install the side panels one at a time (in any order) as follows (see [Figure 4](#)):
 - a Orient the side panel correctly. They are all the same but can only be installed one way. Line up the eight posts on the inside of the side panel with the holes in the side wall of the library. Line up the screw hole in the bottom front of the side panel with the captive thumbscrew behind the magazine on the library chassis.
 - b Press the side panel against the wall so that the posts go into the holes.
 - c Slide the side panel toward the front of the library about half an inch until it stops and the posts are engaged in the holes. The side panel should be flush with the side of the library chassis.
 - d Tighten the thumbscrew at the front of the library to secure the side panel to the library.

Figure 4 Installing the side panels



- 8 Install the top cover as follows (see [Figure 5](#)):
 - a Slide the top cover onto the library, from back to front. The back of the top cover has two screw holes and overhangs the back of the library.
 - b Install the two top cover screws through the top cover and into the screw holes in the top of the side panels.

Figure 5 Installing the Top Cover



- 9 Re-install the magazines and push them in until they close.
- 10 Re-install tape drives if you removed them previously.
- 11 Connect the tape drive cables, Ethernet cable, and power cord, and run the library as described in the *Scalar i40 and i80 Quick Start Guide* or the *Scalar i40 and Scalar i80 User's Guide*.
- 12 To remove the desktop kit, reverse the above steps.

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