



# Installation Note

## Installing the Tinted Acrylic Door

This procedure describes how to install the Tinted Acrylic Door on the Agilent E840xA mainframe. The door requires mainframe Standard Adapter Kit Option AXA (p/n E8400-80923), and is compatible with either the support rail kit (Agilent E3664AC) or the rack slide kit (p/n 1494-0411).

**Parts List** The parts included in the door kit are shown in Table 1.

**Table 1. Agilent E840xA Door Kit Parts List.**

Quantity	Description	Part Number
1	Acrylic Door Assembly	E8400-09301
2	Hinges	3110-0409
1	Door Latch, Lock, and Keys	1390-0891
2	Rubber Door Stops	0403-0002
4	Screws - 10-32x0.375 flat head	2680-0100
4	Screws - m3x8 pan head	0515-0897

**Note** The door requires the mainframe to be recess mounted a minimum of 111 mm (4.36") or up to a maximum of 270.7 mm (10.6 inches) to accommodate wiring terminals on the VXI instruments. When using the minimum recess distance, field wiring cables must enter/exit the instruments through the top and/or bottom openings only.

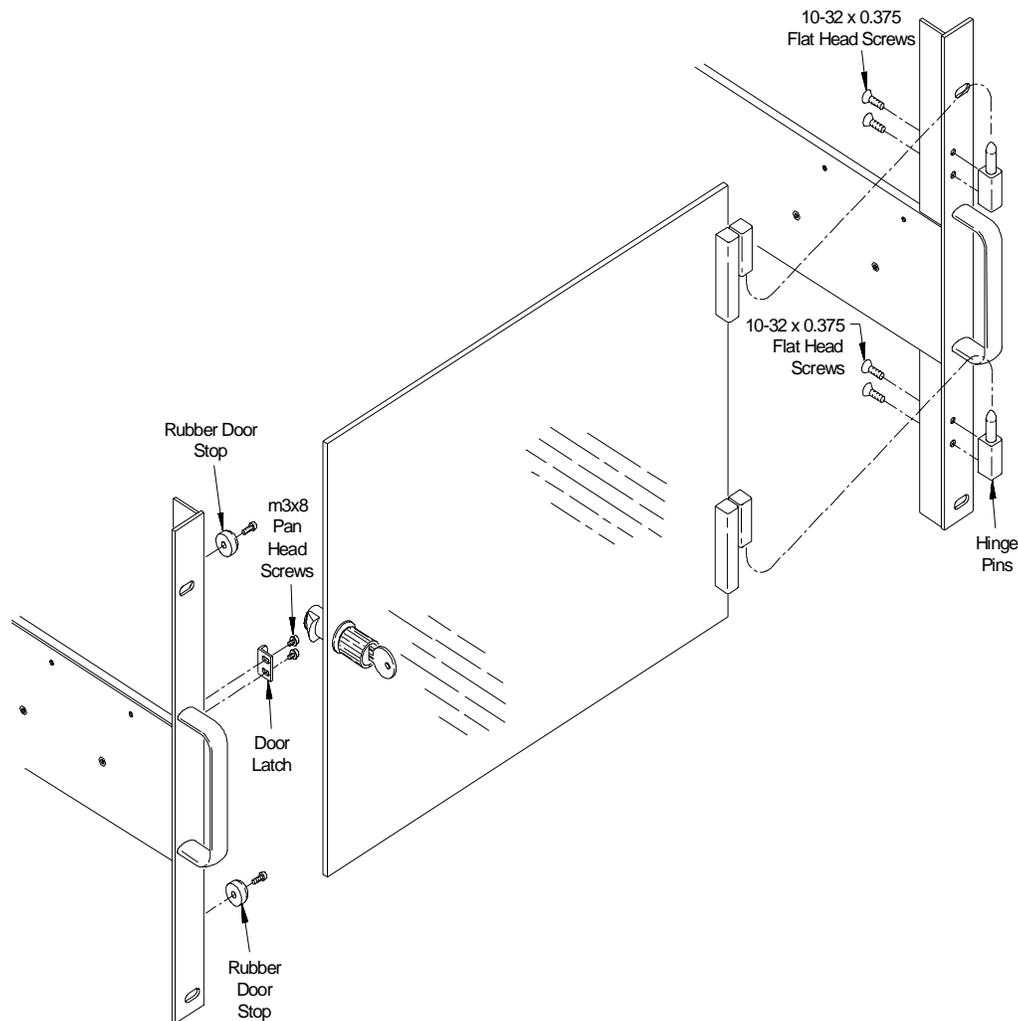
### Procedure

1. Recess mount the mainframe a minimum of 111 mm (4.36 inches) using the Standard Adapter Kit and either the support rail kit or rack slide kit (see E8400-90038 for mainframe mounting instructions).

**Note** For the minimum recess distance, attach the rack mount adapters to the mainframe beginning with the 12th hole from the front of the adapter.

2. If necessary, remove the dress screws (0570-1577) securing the adapters to the rack.
3. Attach the hinge pins to the right rack mount adapter using four 10-32 x 0.375 flat head screws (Figure 1). Attach the rubber door stops and door latch to the left adapter using four m3x8 pan head screws as also shown in Figure 1.





**Figure 1 . Installing the Acrylic Door Hinges, Door Stops, and Latch Keeper.**

4. Slide mainframe into the rack until the rack mount adapters contact the rack's vertical rails. Start the dress screws but do not tighten.
5. Install the door assembly by placing the hinges over the hinge pins on the right adapter. Adjust the door for squareness and clearance by holding the door in place while tightening the dress screws.
6. Adjust the latch keeper so that the door latches as it makes contact with the rubber door stops.

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**Note** Once installed and adjusted, the door can be removed when necessary by lifting the door off the hinge pins.

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