These instructions apply to the EVA4000, 4100, 6000, 6100, 6400, 8000, 8100, and 8400 products.
3. To help identify the correct controller, click Locate > Locate On to display Locate Confirmed on the OCP. The blue Unit ID indicator will also turn on.

- Check the battery status indicators (Figure 1). The battery fault indicator should be on. If there is a battery failure, the status indicator will be off and the fault indicator will be on (not flashing). See Table 1 for descriptions of the battery status indicators. To view the status indicators it is necessary to remove the front bezel as shown in Figure 2.

![Battery indicator locations](image)

**Figure 1** Battery indicator locations

1. Status indicator
2. Fault indicator

Table 1 describes battery status using the battery indicators. When a battery is first installed, the fault indicator goes on (solid) for approximately 30 seconds while the system discovers the new battery. Then, the battery status indicators display the battery status as described in Table 1.

**Table 1 Battery indicator descriptions**

<table>
<thead>
<tr>
<th>Status indicator</th>
<th>Fault indicator</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>On</td>
<td>Off</td>
<td>Normal operation. A maintenance charge process keeps the battery fully charged.</td>
</tr>
<tr>
<td>Flashing</td>
<td>Off</td>
<td>Battery is undergoing a full charging process. This is the indication you typically see after installing a new battery.</td>
</tr>
<tr>
<td>Off</td>
<td>On</td>
<td>Battery fault. The battery has failed and should be replaced.</td>
</tr>
<tr>
<td>Off</td>
<td>Flashing</td>
<td>The battery has experienced an over temperature fault.</td>
</tr>
<tr>
<td>Flashing (fast)</td>
<td>Off</td>
<td>Battery code is being updated. When a new battery is installed, it may be necessary for the controllers to update the code on the battery to the correct version. Both indicators flash rapidly for approximately 30 seconds.</td>
</tr>
<tr>
<td>Flashing</td>
<td>Off</td>
<td>Battery is undergoing a scheduled battery load test, during which the battery is discharged and then recharged to ensure it is working properly. During the discharge cycle, you will see this display. The load test occurs infrequently and takes several hours.</td>
</tr>
</tbody>
</table>

Removing a battery

1. Remove the front bezel (Figure 2) by grasping the bezel at each end pulling it off the enclosure.

![Removing the front bezel](image)

**Figure 2** Removing the front bezel

**NOTE:**
To provide clarity, the controller enclosure is shown out the cabinet in subsequent figures.
2. Remove the cache battery. Some EVA models have a cache battery located behind the OCP.
   
   a. If necessary, open the OCP by squeezing the latch tabs together (1, Figure 3) and swinging the door open (2) to check for a battery.
   
   b. Move the battery mounting latch (3) to the right and grasp the pull handle.
   
   c. Position one hand under the battery, and pull the battery out of the enclosure 4).

   **Figure 3 Removing a cache battery**

   **Installing a battery**

   Position the battery as high in the slot as possible, then slide the battery into the enclosure (1, Figure 4) until it is fully seated and the mounting latch engages.

   **Figure 4 Installing a cache battery**

   **Verifying proper operation**

   After replacing the battery, check the following to verify that the component is operating properly:

   **NOTE:**

   * It may take up to 10 minutes for the component to display a good status.

   - Check the battery status indicators. See Table 1.
     - During the first minute, both status indicators may be on or flashing.
     - The status indicator should then begin flashing, indicating the battery is charging. It may take several hours for a new battery to fully charge. The fault indicator should be off during charging.
     - After checking the status indicator, close the OCP door if open (2, Figure 4), and install the front bezel on the enclosure by pressing it firmly into place.
   - From HP Command View EVA:
     - Navigate to the component and check the status. It should be (Good).
     - Turn off the locate function by clicking Locate > Locate Off.