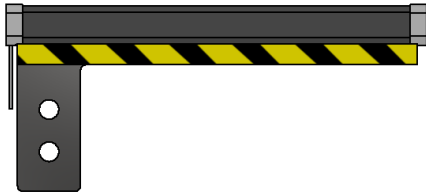


Technical Document: TD-0002
 Rev: A Date: 02-19-2020
 Ref: VPG2490 Open Edge Arm Kits



ARM OPEN EDGE PARTIAL INSTALLATION INSTRUCTIONS FOR NEW SYSTEMS:

1: Remove the $\frac{3}{4}$ " nut and bolt holding the **Arm Open Edge** to the operator arm as shown in **FIGURE 1**.

- Set the **Arm Open Edge** on the operator cabinet.
- Discard shipping spacer

OPERATOR SKIN REMOVED FOR VISIBILITY

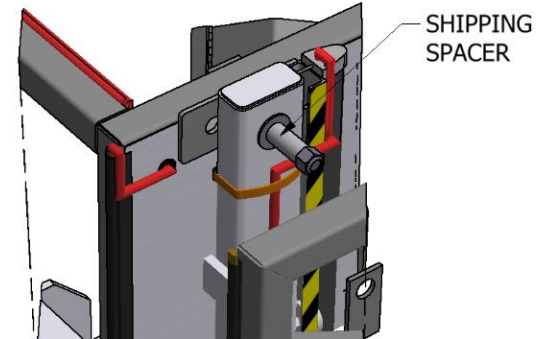


FIGURE 1

2: Install the gate to the operator arm following the instructions in the I + O manual. Keep safety pin installed. Do not power on the unit and hold off on installing the $\frac{3}{4}$ " locknut(s).

- Insert $\frac{3}{4}$ " bolt and washer.
- Place the **Arm Open Edge** vertically as shown in **FIGURE 2** with the bracket and nut facing the public/ false panel side of the gate.
- Two bolt holes have been provisioned to accommodate gates with extended/larger counterweights. Use the hole that will keep the **Arm Open Edge** closer to the gate.
- Apply supplied **Never-Seez** to $\frac{3}{4}$ " bolt.
- Place washer, thread $\frac{3}{4}$ " locknut and tighten down unless installing on an 8' or larger gate. In that case, loosely tighten and skip to the next step.

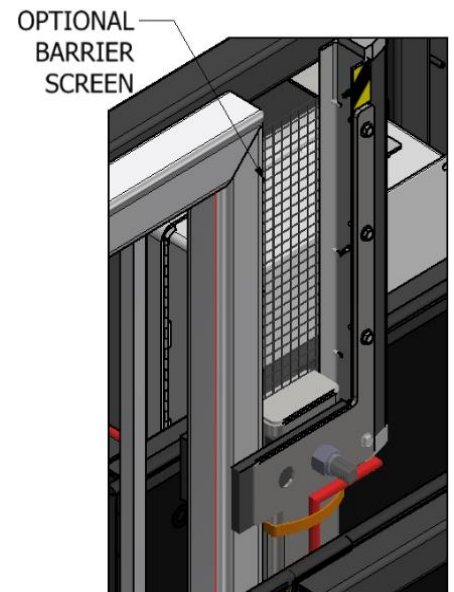


FIGURE 2

3: For gates 8' and taller

- Insert $\frac{3}{4}$ " bolt and washer into upper operator arm hole and apply **Never-Seez** to the threads.
- Install upper brace to operator arm as shown in **FIGURE 3**. Loosely tighten the $\frac{3}{4}$ " locknut.

- Screw upper brace into **Arm Open Edge** c-channel using (2) supplied self-drilling tek screws through pre-drilled holes in the brace.
- Tighten down both 3/4" locknuts securing gate and **Arm Open Edge** to the operator arm.

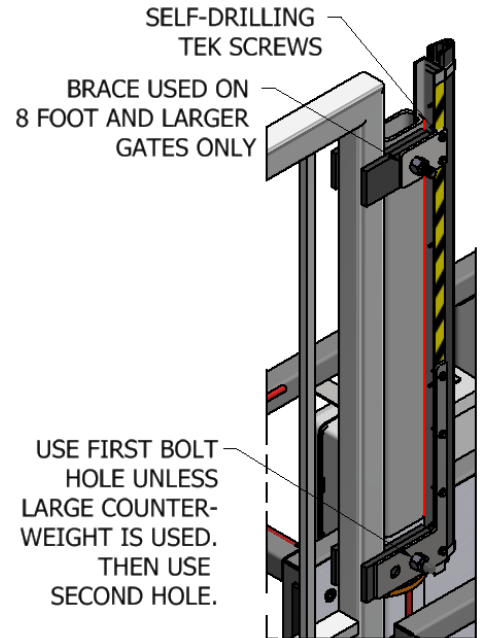


FIGURE 3

4: For gates without a counterweight or with a small counterweight leaving a gap:

- Place barrier screen in between **Arm Open Edge** and gate.
- Secure barrier screen to **Arm Open Edge** c-channel using supplied self-drilling tek screws as shown in **FIGURE 4**.

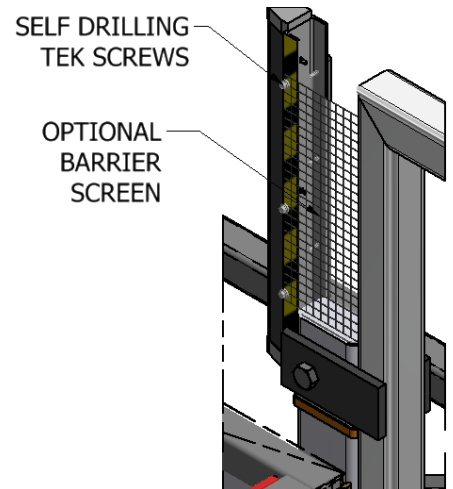


FIGURE 4

5: Restore power. While gate is stationary, test for proper operation by compressing the **Arm Open Edge**.

- Observe the led below the **Open Edge** port on the **GENESIS** control board (**FIGURE 5**). It will illuminate when compressing the **Arm Open Edge** signaling contact.

6: Remove safety pin and test gate operation while observing **Arm Open Edge** wires. Ensure no wires are rubbing during operation.

MONITORED DEVICE CONNECTIONS POINTS

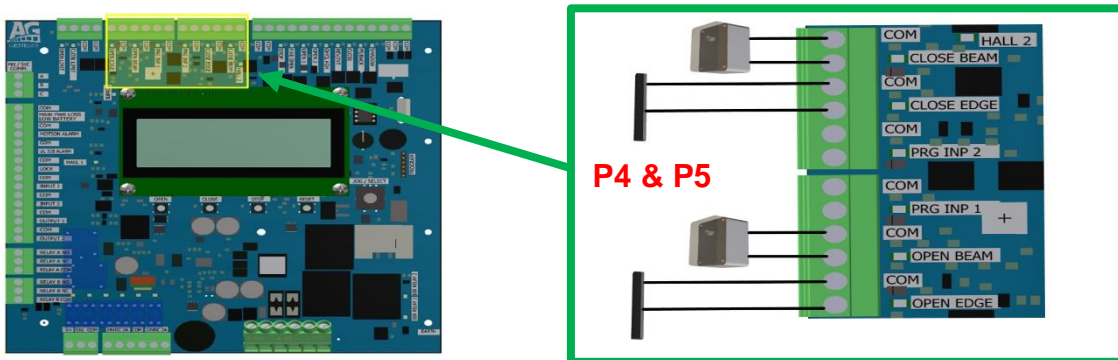


FIGURE 5