

The SwayLess™ Rail Mounting Bracket Kit (SL-RMB-60) is designed to be fastened to the counterweight (CWT) guide rails to support one or two SwayLess Dampening Devices (WF-SRD) for elevators that have one or two Whisper-Flex® Compensating Cables, respectively, per car. The SwayLess™ Rail Mounting Bracket is also fully adjustable for off-plane cables and can be adjusted to position the SwayLess device(s) at the recommended height.

**TOOLS NEEDED:**  
3/4" Wrench

**INSTALLATION TIME (est.):** 15 minutes

**ASSEMBLY**

Assemble the mounting bracket shown in Figure 1 using one 60" strut, two 12" end struts, two angle brackets, four 1" bolts, eight channel nuts, four beam clamps and four 1 1/2" bolts.

To secure the SwayLess device around the cable, thread the cable through the device or remove the 3/8" x 3 1/2" bolt in the side of the SwayLess device, open the device and its brass ring insert, place the cable in the center of the device, then close it. With the SwayLess secure around the cable, fasten it to the 8" channel using the embedded end bolts on the device. Repeat this procedure for each SwayLess device.

**INSTALLATION**

With the long rail in front of the counterweight (CWT) guide rails, attach the bracket to the backs of both CWT guide rails using beam clamps (Figures 2 & 4). Once the bracket is secure, cut off excess lengths which extend past the two corners. **Protruding lengths of strut can become pit obstructions potentially causing compensating cable entanglements (Figure 7).** With the SwayLess device secure around the cable, attach the 8" channel with the SwayLess device to the long strut using two 2 1/2" bolts, 2 flat washers and two channel nuts (Figure 3). When the car is stationary, the inside of the cable loop should contact the devices (Figure 6). As the car travels the loop will become slightly wider and the outside of the cable loop will periodically contact the devices, limiting cable sway and dampening oscillation. Adjust the height of the SwayLess device and its bracket so that it is three feet above the bottom of the loop (Figure 5).

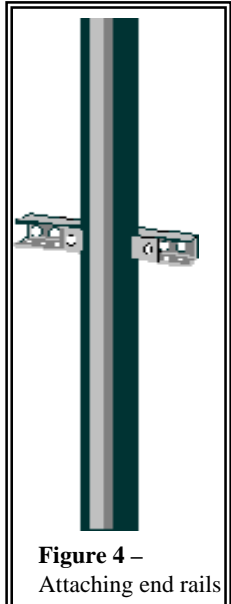


Figure 4 – Attaching end rails

**NOTE: SOME INSTALLATIONS MAY NOT HAVE ENOUGH ROOM TO PERMIT THE USE OF DAMPENING DEVICES THREE FEET ABOVE THE BOTTOM OF THE LOOP. IN THIS CASE, CALL DRAKA EP'S APPLICATION ENGINEERING DEPARTMENT TOLL FREE AT 877-372-5237 OR 252-972-6000 (INTERNATIONAL) FOR ASSISTANCE.**

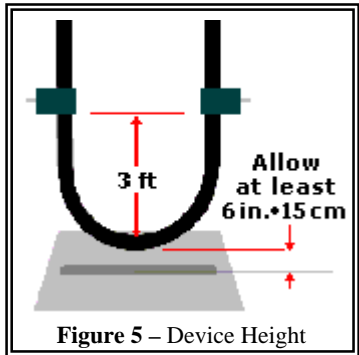


Figure 5 – Device Height

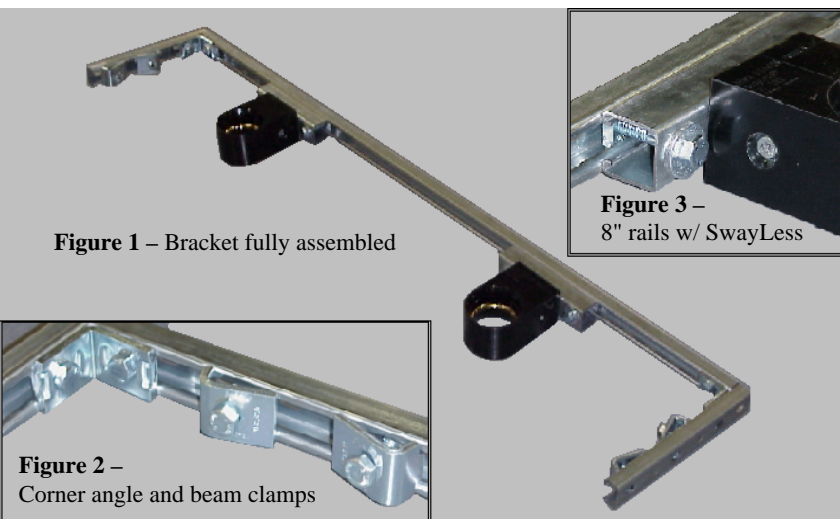


Figure 1 – Bracket fully assembled

Figure 3 – 8" rails w/ SwayLess

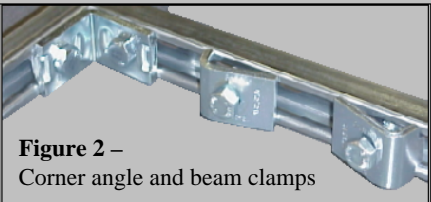


Figure 2 – Corner angle and beam clamps

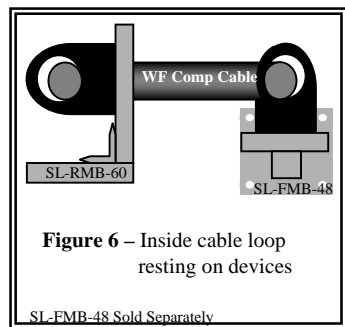


Figure 6 – Inside cable loop resting on devices

SL-FMB-48 Sold Separately

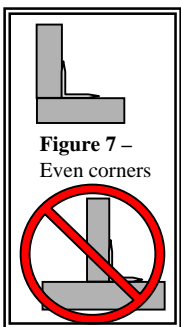


Figure 7 – Even corners

DEP-SLRMB60/001

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