

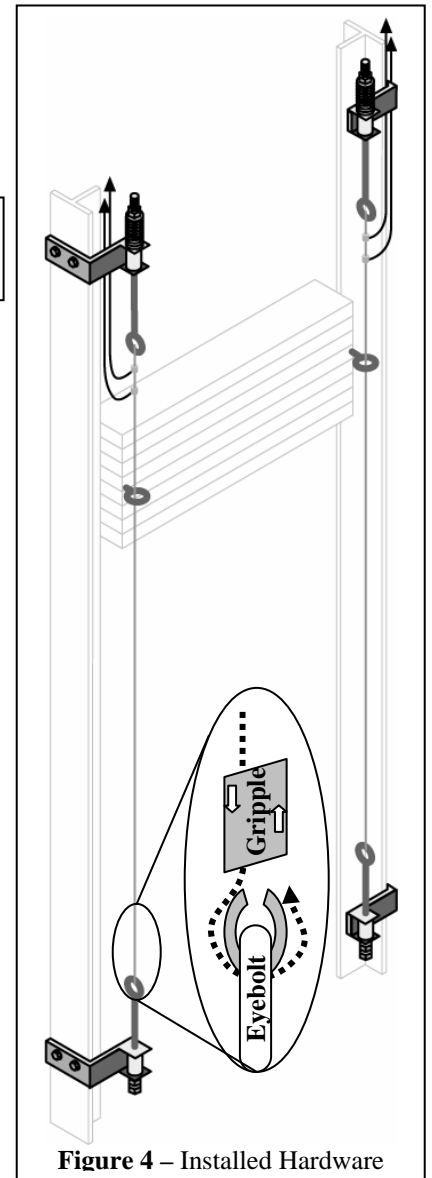
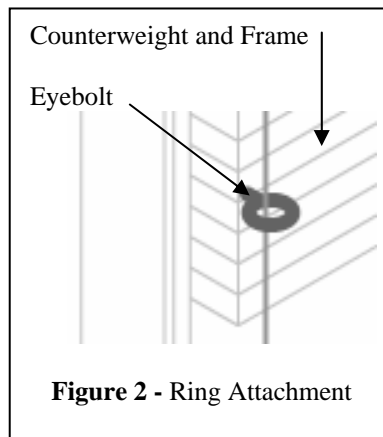
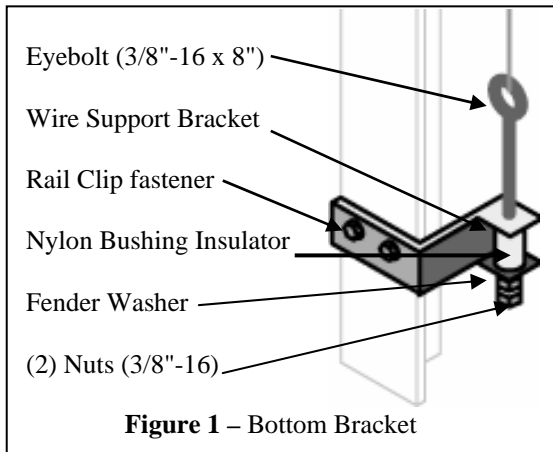


IN THE PIT

Assemble the wire support brackets as shown in Figure 1. Mount the wire support brackets to the bottom of each counterweight guide rail, low enough so that the brackets do not interfere with the normal operation of the elevator. The brackets should be mounted using the appropriately sized rail clip and fasteners. The CDH-R8 kit uses 8 lb rail clips with 1/2"-13 fasteners and CDH-R12 kit includes 12 lb. rail clips and 5/8-11 fasteners.

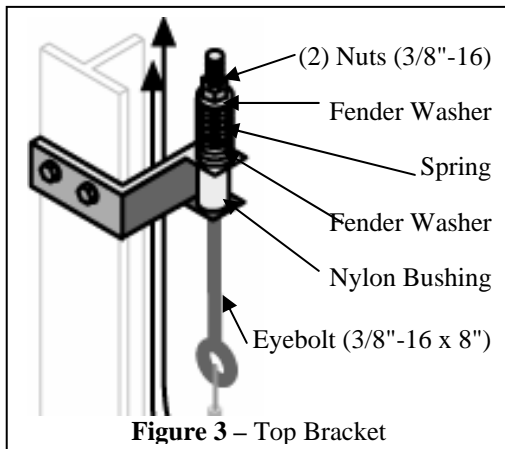
IMPORTANT NOTE: The Counterweight Displacement Hardware assembly shall be clear of the counterweight guide rollers, even during a car or counterweight buffer engagement.

Using the CDH-LXXX kit items, place a thimble onto each eyebolt. From the car top, pass down an end on the steel cable and fasten it by passing it through the Gripper, around the thimble, and back through the Gripper (see Fig. 4 inset). The cable should be securely fastened through each eyebolt.



FROM THE CAR TOP

Holding onto the top end of each cable, move the car to mid-hoistway, in order to attach the shorter 3/8" x 5" eyebolts to the counterweights frame. Attach the eyebolt towards the bottom of the counterweight frame and on each side so that the cable will pass directly through the center of the eyebolt without touching it. Use the horizontal distance from the backside of the guide rails as a reference.



AT THE TOP OF THE HOISTWAY

Place a bushing in a wire support bracket and a 3/8" x 16.75" eyebolt through the bottom of the bushing and fasten it by adding a fender washer, spring, a second fender washer, and two 3/8" hex nuts. Repeat the procedure for the second top bracket assembly. Attach the assemblies to the top of each guide rail, high enough so that it doesn't interfere with the normal operation of the elevator including car buffer engagement. Place thimbles onto each of the eyebolts. Take the cable and measure off the distance to wrap it around the thimble and fasten it with a Gripper leaving several inches of slack, and cut the cable. Take the cable end and fasten it by passing it through the Gripper, around the thimble, and back through the Gripper. The cable should be securely fastened through the eyebolt. Place tension on the cable by tightening the nut closest to the spring. After tensioning, tighten the second nut onto the other as a jam nut.