

SAFETY CABLE INSTALLATION INSTRUCTIONS – TROLLEY TO HOIST

Note: The following instructions are for installing safety cable on a Gorbels Inc. trolley that will attach to hoist (by others)

Standard Gorbels hoist trolley

- 1.1 The safety cable is provided as a single piece and must be cut in the field as necessary. Each trolley to hoist connection requires 5 ft of cable.
- 1.2 After cutting the cable down to required length, one end of each cable must be properly saddled using the thimble and U-bolt cable clamps provided. (**diagram 1A**).
- 1.3 Turn back 4 3/4" of cable on a thimble or loop. Apply the first clamp 1" from the dead end of the cable and tighten U-bolt to 15 ft/lbs. of torque. Apply the 2nd clamp as close to thimble or loop as possible. Tighten U-bolt to 15 ft/lbs. of torque. (**diagram 1A**).
- 1.4 Pass the free end of cable through support points of each connection in which safety cabling is required.
- 1.5 After the free end of cable has passed through all required support points, it should be passed through the saddled end of cable.
- 1.6 Saddle the free end of cable while making sure both ends are interlocked. Complete the connection using the instructions from step 1.3 above. (**diagram 1B**).

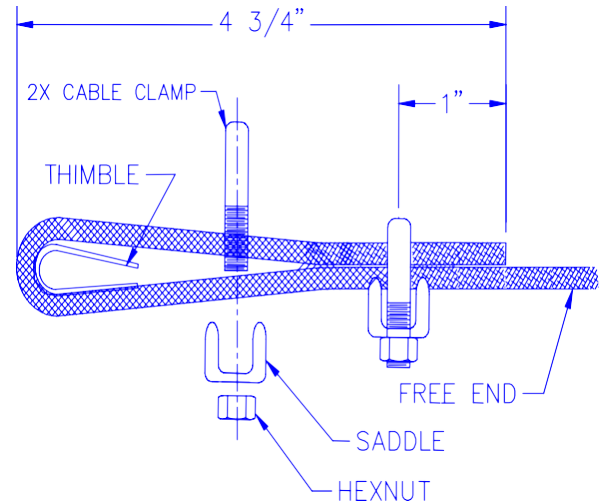


Diagram 1A. Saddling the cable on one end

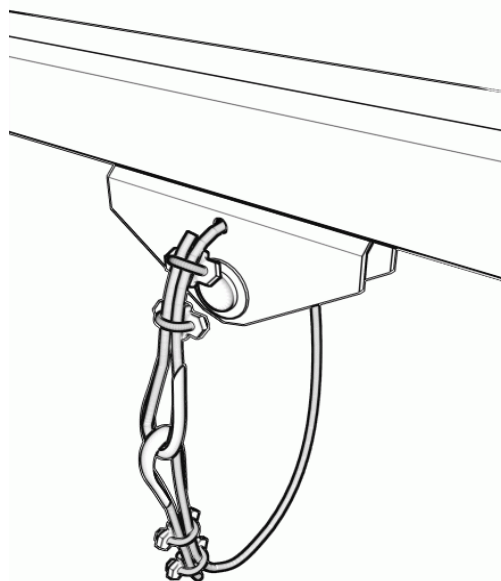


Diagram 1B. Safety cable installed on ceiling mounted hanger connection.

Note: 1/4" diameter cable is to be utilized on 250# -2000# capacity systems, 3/8" diameter cable is to be utilized on 4000# system components.

WARNING

The cable and termination should be inspected periodically for wear, abuse, and general adequacy.