



The Caldwell Group, Inc.

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INSTRUCTION MANUAL FOR Model 17 Adjustable Lifting Beam

Your new Model 17 Adjustable Lifting Beam only supports loads up to its rated capacity when loaded correctly. The Model 17 Lifting Beam is load supporting lifter complying with ASME B30.20 BTH-1 Design Category B and Service Class 2, which is for specific tasks withstanding forces based on the unit's rated capacity. Use the following guidelines for your protection and for optimal operation of your equipment. The safety precaution list below is not necessarily all-inclusive. The owner/user is responsible for understanding and acting in accordance with ASME, ANSI, OSHA, local, and state regulations. Refer to the Manufacturer's Instruction Manual for product and safety information on other attachments, components, or both used with your lifting equipment.

1. **DO NOT EXCEED RATED CAPACITY.**
2. **DO NOT** lift or support people.
3. **DO NOT** lift over people.
4. **DO NOT** lift higher than necessary.
5. **DO NOT** leave suspended load unattended.
6. **DO** inspect the lifter for damage or excess wear before each use. Check for structural bending and cracks, excess wear at load points and pins, cracked or broken welds, or deformed hardware. If inspection reveals any defect(s), remove the lifting device from service, and tag "Out of Service". Immediately notify your Safety Administrator or Supervisor to contact The Caldwell Group regarding any defect.
7. **DO** contact The Caldwell Group to replace worn or damaged tags and/or decals.

Lifting Operation

1. Know the rated capacity and weight of your Model 17 Adjustable Lifting Beam (See the Caldwell Nameplate/ID tag on your unit).
2. Position the adjustable bail and hook lugs before lifting the load with your Model 17 Lifting Beam.
3. Adjust lift points on unbalance loads (See example, Figure 3).
4. **Confirm the pins are through both channels for the hook lugs and bail before lifting.**
5. Prevent tilting of the Lifting Beam and load, by positioning the load's center of gravity in-line with the center of the crane hook.
6. Perform a test lift of several inches to verify the load is properly balanced and the beam is level/horizontal.
7. **See Figure 1 & 3**, the Lifting Beam is level/horizontal, proper lifting position.
8. **See Figure 2**, the Lifting Beam is not level/horizontal, improper lifting position.

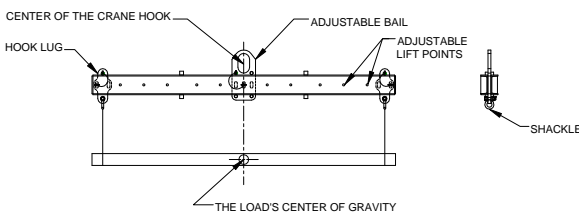


Figure 1 PROPER LIFTING

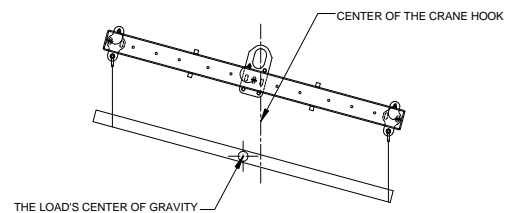


Figure 2 IMPROPER LIFTING

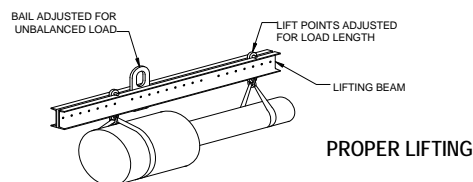


Figure 3

**MODIFICATIONS TO YOUR LIFTING EQUIPMENT WITHOUT PRIOR WRITTEN APPROVAL FROM
THE CALDWELL GROUP, INC. VOIDS YOUR WARRANTY.
REFER TO ASME B30.20 REGARDING LIABILITY OF REPAIRED OR MODIFIED LIFTERS.**

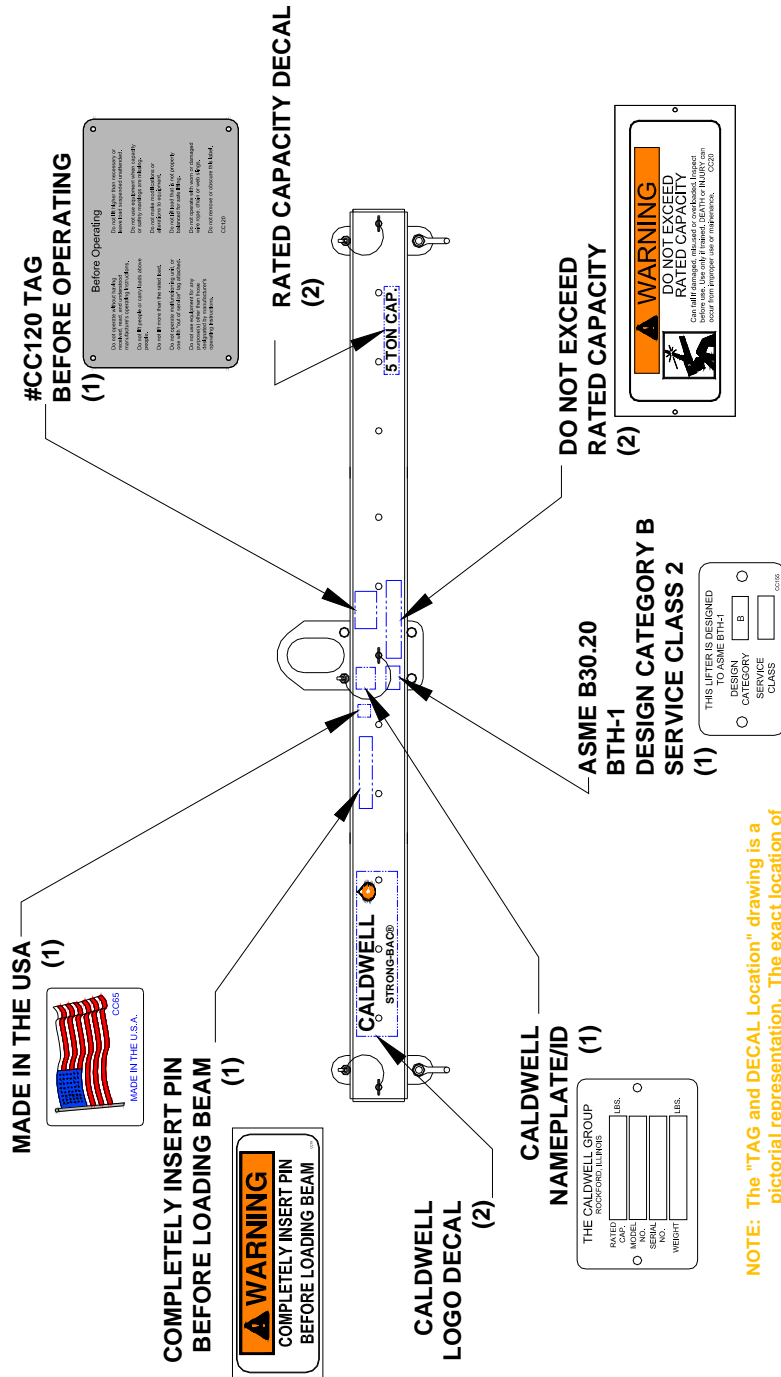


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Model 17 Adjustable Lifting Beam Tag & Decal Location



NOTE: The "TAG and DECAL Location" drawing is a pictorial representation. The exact location of tags and decals may differ on your lifting unit.