

Racor Heavy Lift

Assembly and Installation Instructions

IMPORTANT

Please read this before beginning installation!

Please review our demonstrational video for installing this product at www.racorinc.com.

Click on RACORPRO, then on the HEAVYLIFT image, then on the VIDEO CAMERA

Please read instructions carefully prior to installing the Heavy Lift. Before using, please test thoroughly before placing persons or objects below the elevated platform. Test with intended weight (up to 250 Lbs. of evenly distributed static weight) on platform as close to the floor as possible.

Racor, Incorporated shall not be held liable for incidental, special or consequential damages resulting from the use of the Heavy Lift.

Do not install more than one Heavy Lift on a common ceiling joist, rafter or stud.

Racor, Incorporated shall not be held liable, and the customer, retailer or installer releases Racor, Inc, of all claims for personal injury or damage to possessions as a result of improper installation or product failure as a result of overloading, unintended use, product modification, poor quality of mounting surface, other abuses of the product outside of lifting static weight of less than 250 Lbs. to the ceiling, not testing Heavy lift before placing valuables or persons below the raised unit. Do not hang from the Heavy Lift loaded or unloaded. Never allow play around or under installed Heavy Lift.

Racor, Incorporated goes to great lengths to ensure that the product you receive is of the highest quality. If upon inspection of the components you notice damaged or defective parts, call 800-783-7725 for replacements between the hours of 8 AM and 5PM PST Monday through Friday.

IF YOU ARE IN DOUBT OF INSTALLING THIS PRODUCT, PLEASE CONTACT A PROFESSIONAL

All fasteners must be tightened and checked once a year.

For assistance please call 800-783-7725

racor[®]
HOME STORAGE PRODUCTS

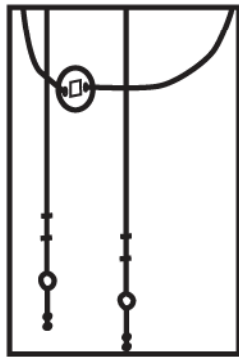
Racor Heavy Lift

Assembly and Installation Instructions

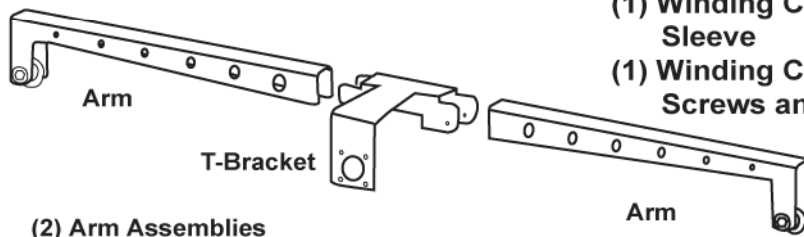
Additional metric Tools Required: Stud finder, Adjustable or Box End Wrench, Socket Wrench, Cordless Drill/Driver, Phillips Screw Driver, Pencil, 4 Ft. Straightedge or Chalk Line

Parts List:

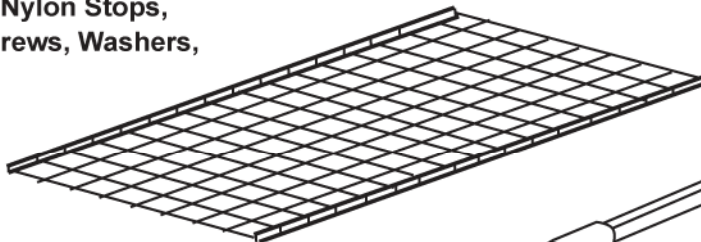
- (1) Winding Crank - Hook side
- (1) Winding Crank - Crank side
- (1) Winding Crank - Sleeve
- (1) Winding Crank - Screws and Nuts



(2) Cable Assemblies - Cable, Nylon Stops, Lag Screws, Washers, & Nuts



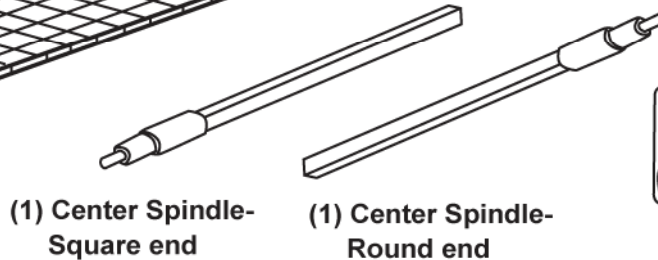
(2) Arm Assemblies



(3) Wire Grids

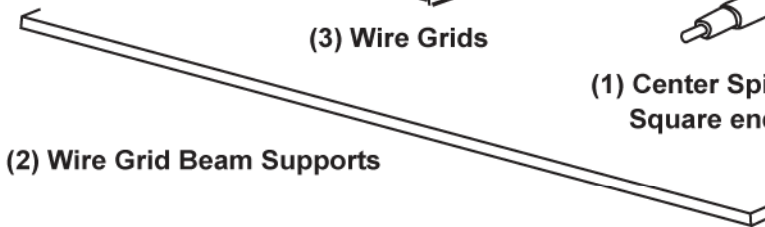


(1) Allen Wrench

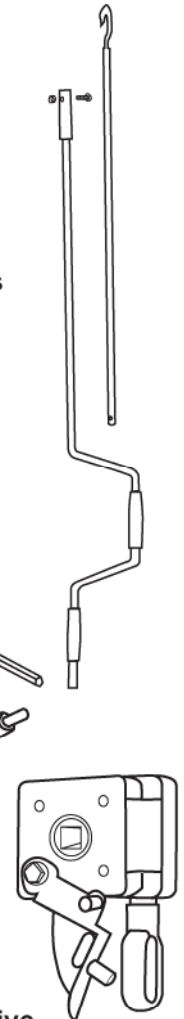


(1) Center Spindle - Square end








(1) Center Spindle - Round end

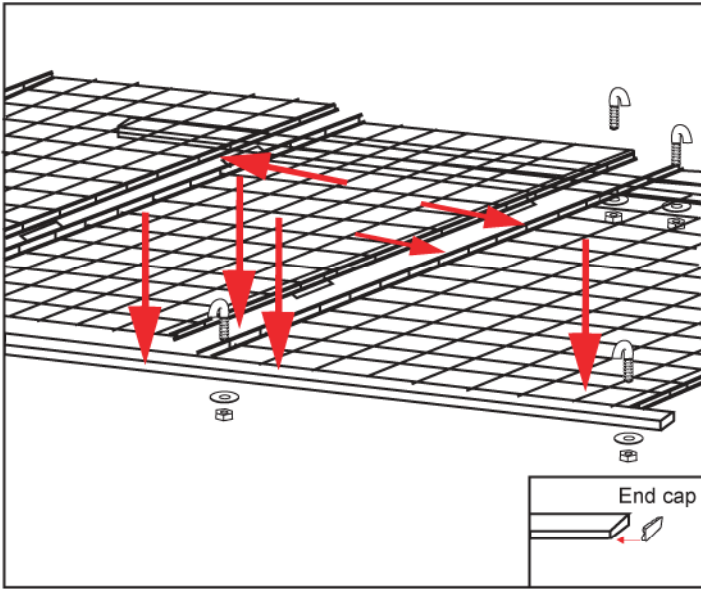


(2) Wire Grid Beam Supports

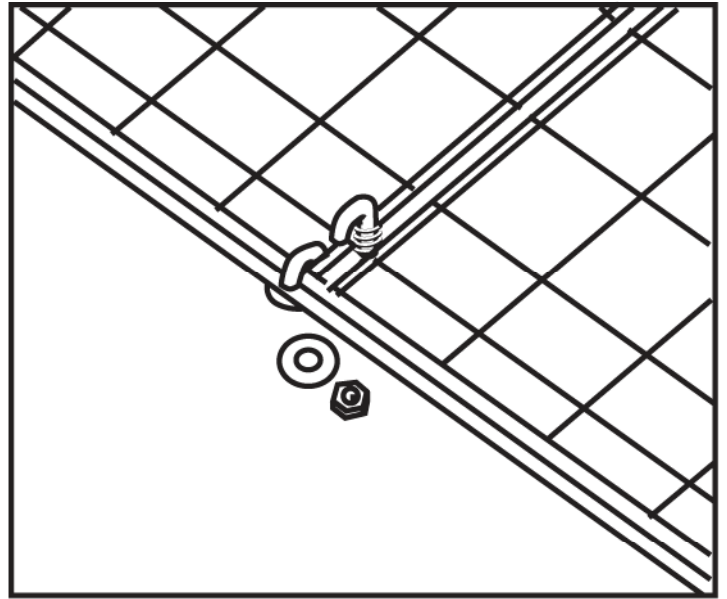


(1) Gear Drive

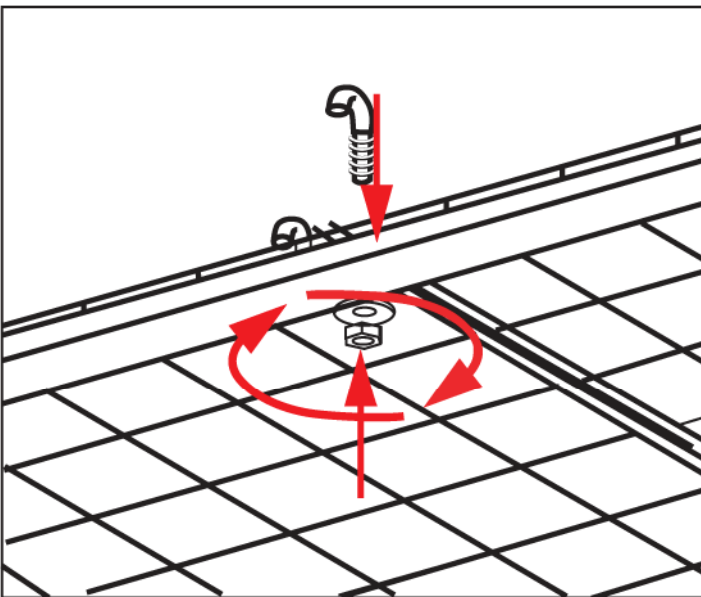
 (4) End cap	(20) Hex Head Bolts 	 (4) Allen Head Cap Screws	 (2) Hex Head Screws  (2) Fender Washers	(8) Long Machine  (16) Washers (8) Nuts	 (12) "J" Hooks (12) Washers (12) Nuts
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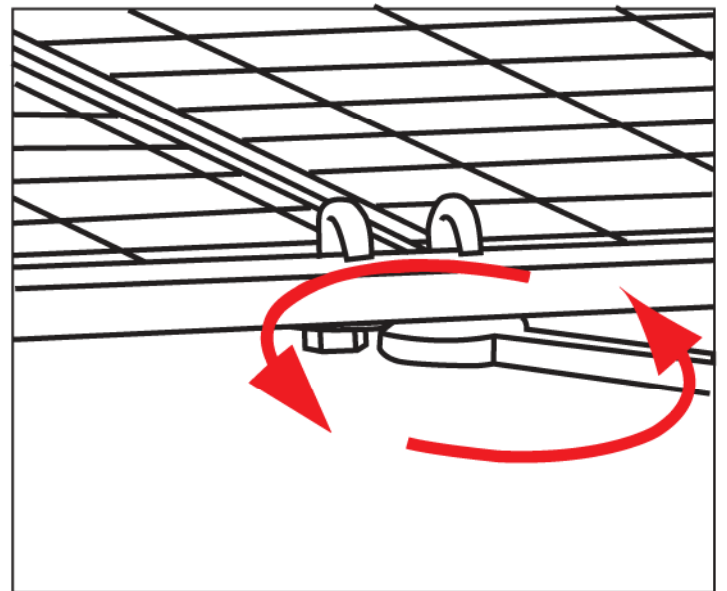
1 Lay grid on top of rectangular beams with holes towards outside edge. Slide “J” bolts through top holes



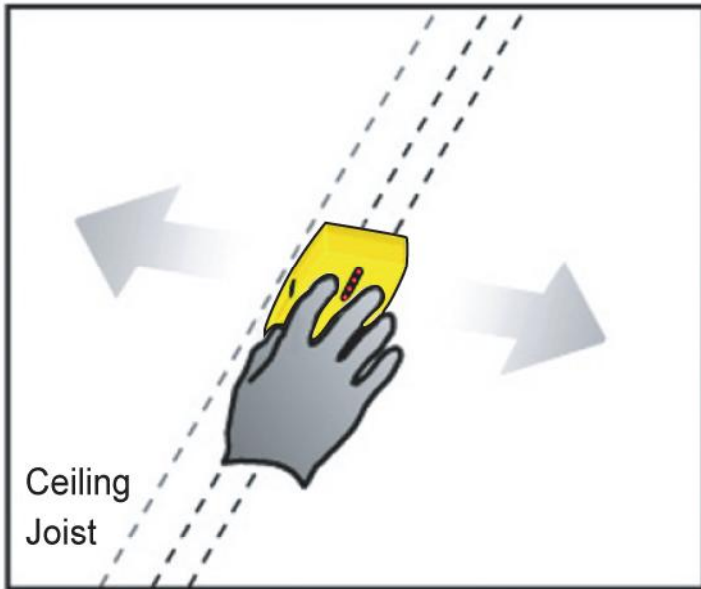
2 Slide “J” Bolts through top holes and hook over edges of grid.



3 Align “J” Bolt with bottom hole.

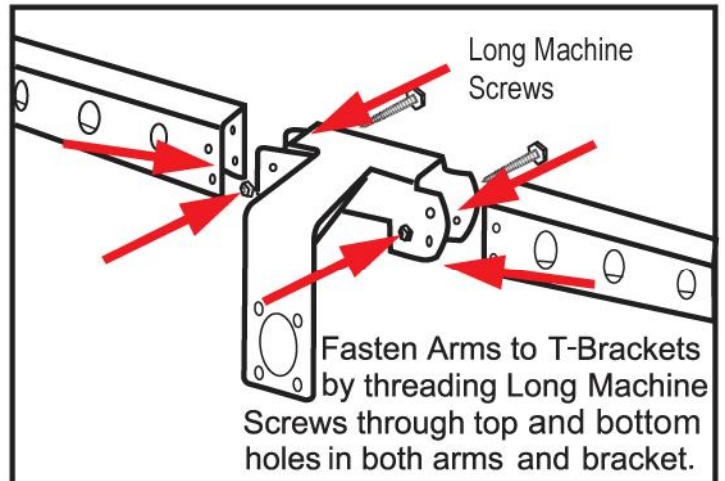


4 Screw on the washer and nut to the “J” Bolt and tighten with Adjustable or Box End Wrench.

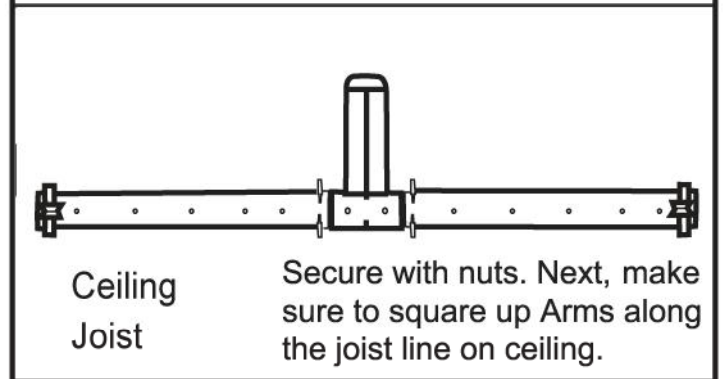


Ceiling Joist

- 5** Find ceiling joists 48" apart for Arm attachment. If Arms are being placed at 90" to the ceiling joists, first attach Arms to a 1.5" thick board that is 2.5"W x 48"L. Then attach board to ceiling joists. If joists 48" apart cannot be found, attach Arm to board that is 1.5" thick, 2.5" wide, and long enough to span 2 ceiling joists for attachment.



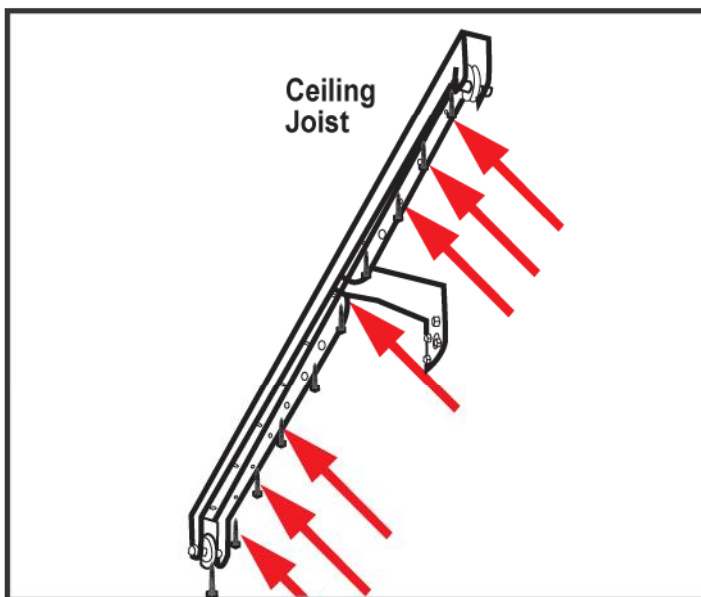
Fasten Arms to T-Brackets by threading Long Machine Screws through top and bottom holes in both arms and bracket.



Ceiling Joist

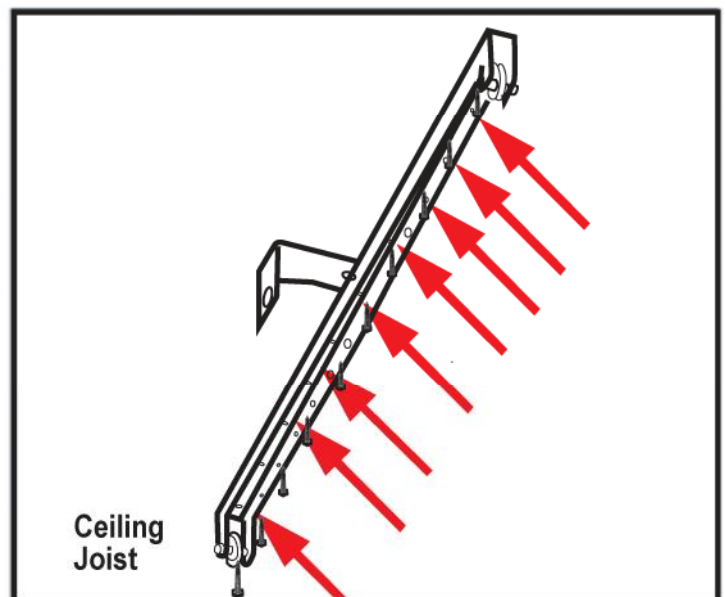
Secure with nuts. Next, make sure to square up Arms along the joist line on ceiling.

6



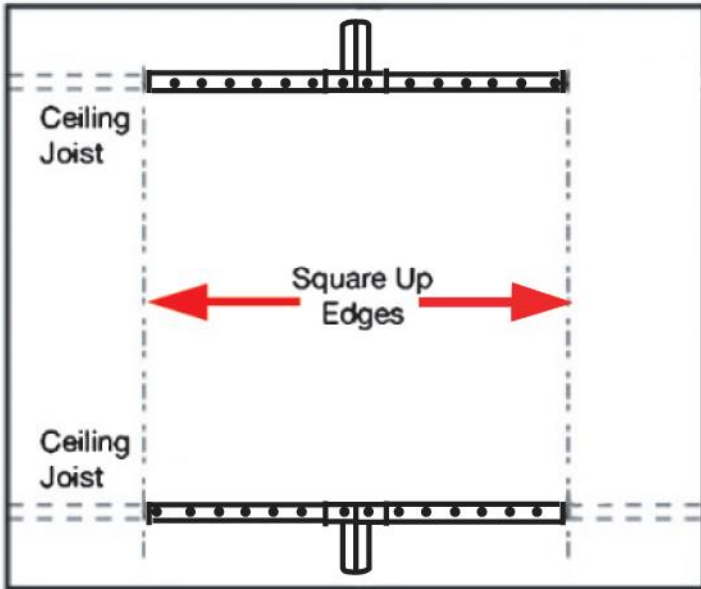
Ceiling Joist

- 7** Attach Arm to ceiling joist. For most secure installation, mark holes and pre-drill with 1/8" bit. then insert a hex screw in each hole on the Arm.

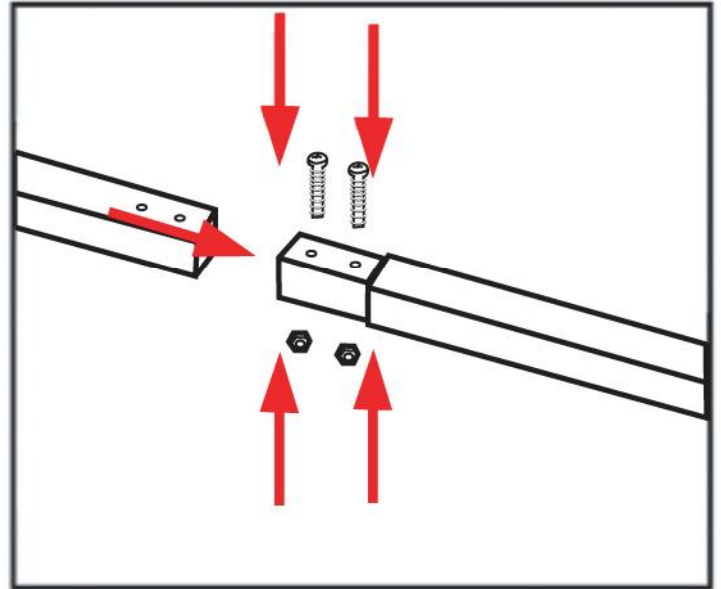


Ceiling Joist

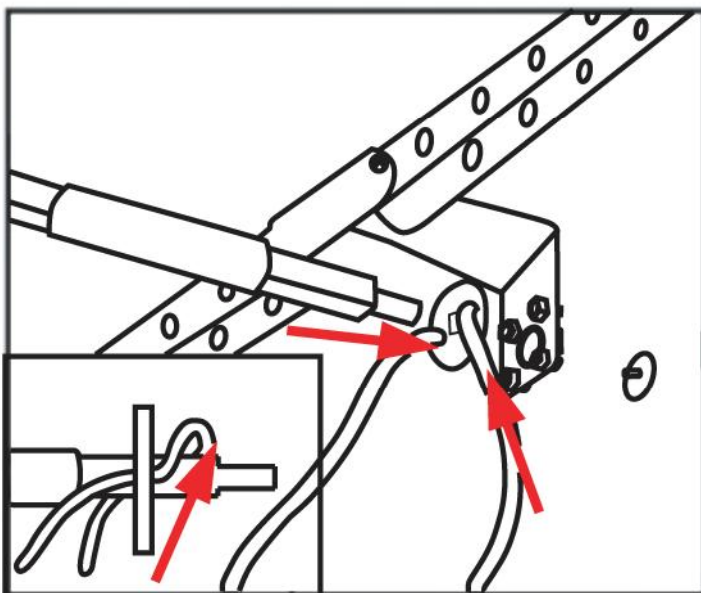
- 8** Repeat installation for other side. making sure "T Bracket" side faces away from other Arm.



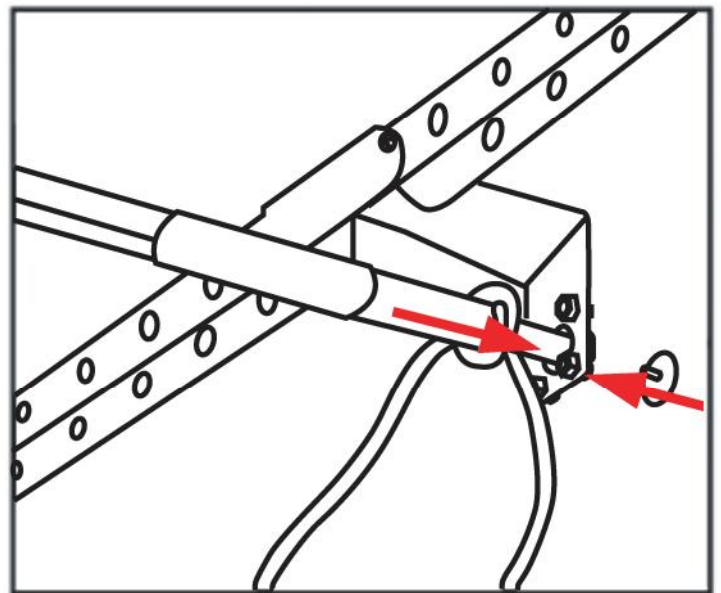
- 9** Make sure to square up Arms along the joist line before mounting second Arm assembly; Also make sure that Arm assemblies are square to each other



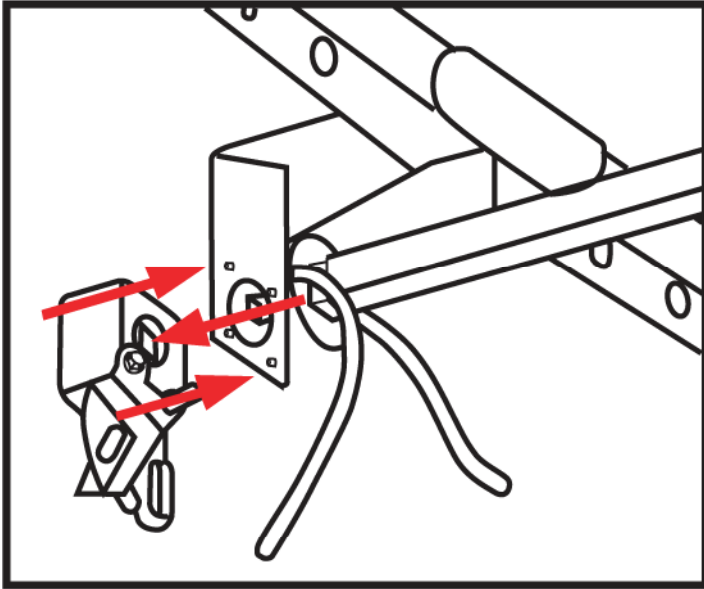
- 10** Assemble winding axles and secure with included screws and nuts.



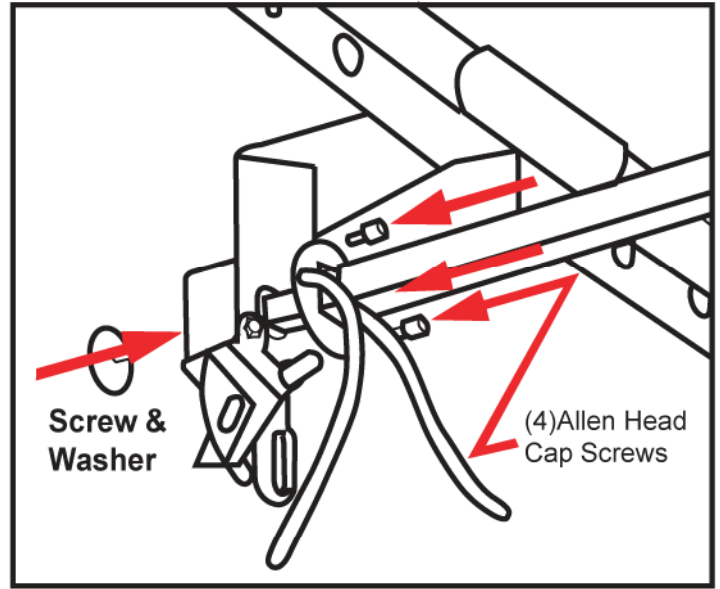
- 11** Slide nylon cable ring over ROUND END of winding axle. Cable should be placed over TOP of square portion of axle, as illustrated. Cable ends face inward with the loop facing outward. Cable ends with I-Bolts point inward toward center.



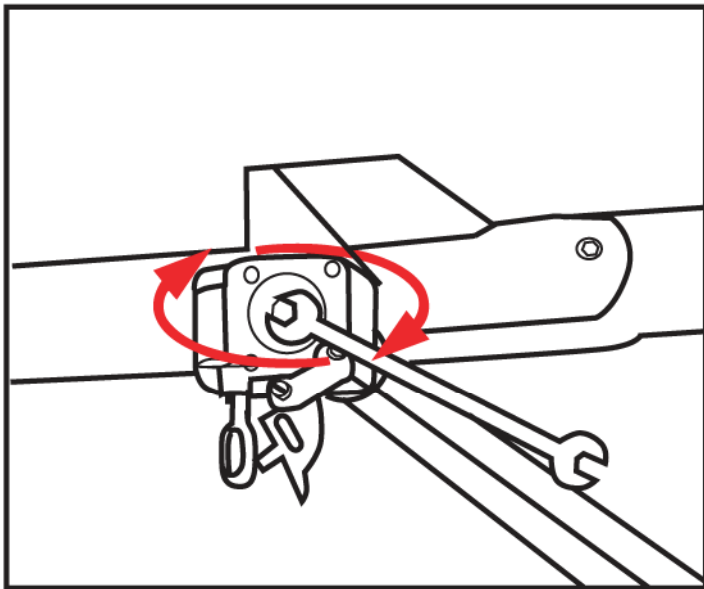
- 12** Slide ROUND END of winding axle into bearing assembly. NOT Gear Drive side. on "T Bracket". Secure short hex head screw and large fender washer into end of winding axle assembly



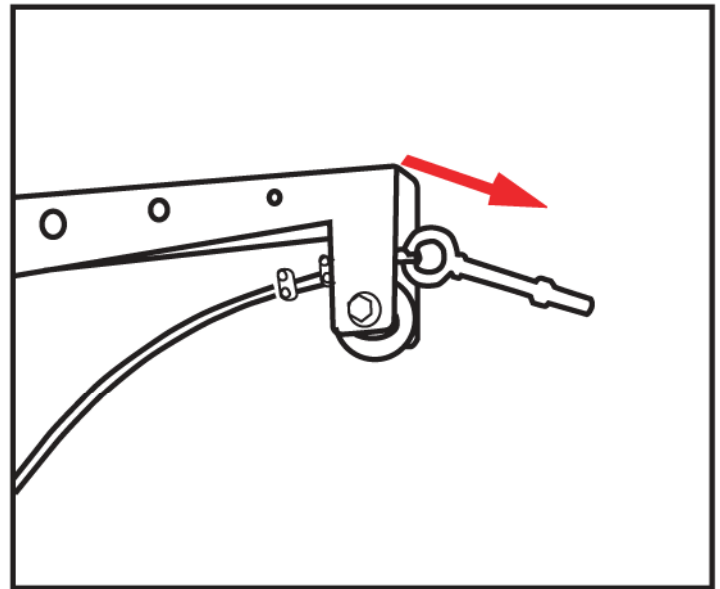
13 Slide nylon cable ring over other end of winding axle. Cable should be placed over top of square portion of axle. Then slide assembly through hole and slide square end into Gear Drive. Cable ends face inward with loop facing outward.



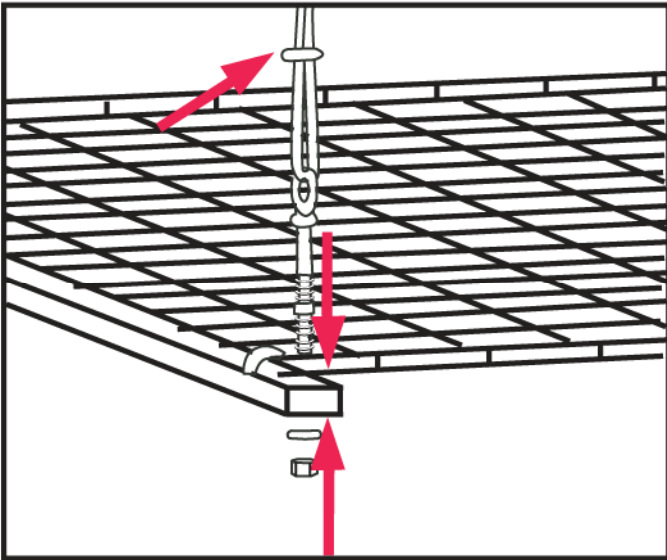
14 Secure Gear Drive with supplied Allen Head Cap Screws and Allen Wrench



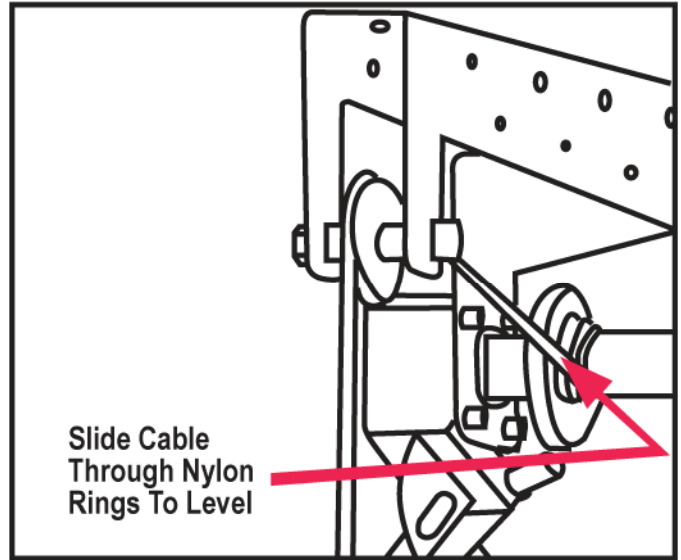
15 Secure short hex head screw and large fender washer into end of assembly



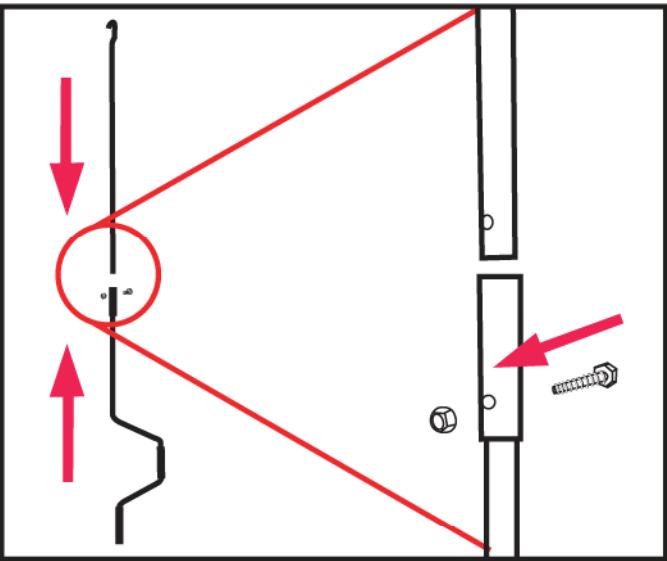
16 Thread Bolts and Cables through the Pulley assembly at each corner of the Arms.



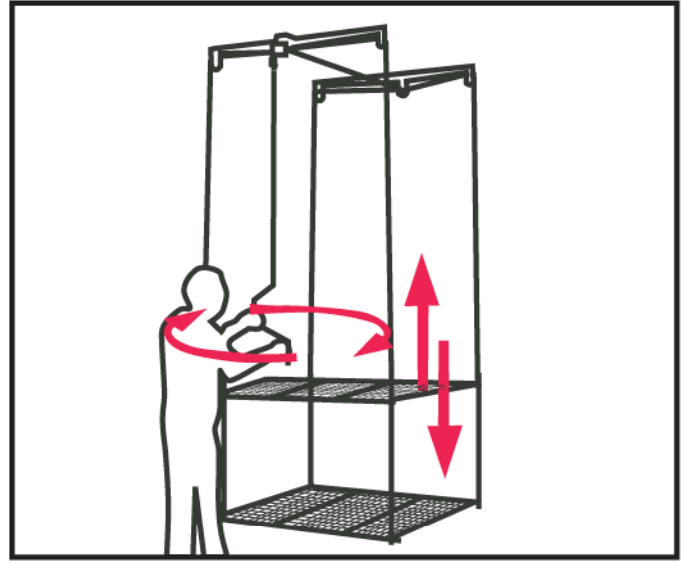
- 17** Attach bolts to all 4 corners of base using supplied nuts and washers. Be sure to tighten all cable clips before loading platform (see arrow at top).
 Note: top of platform has J hooks on top and nuts on the bottom. Be sure to hang the platform with the top up.



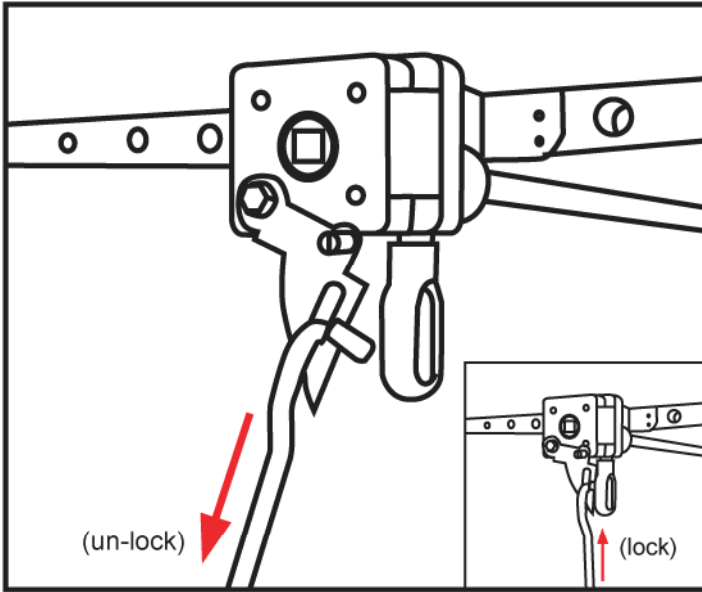
- 18** Level platform by pulling cable through Nylon Rings.



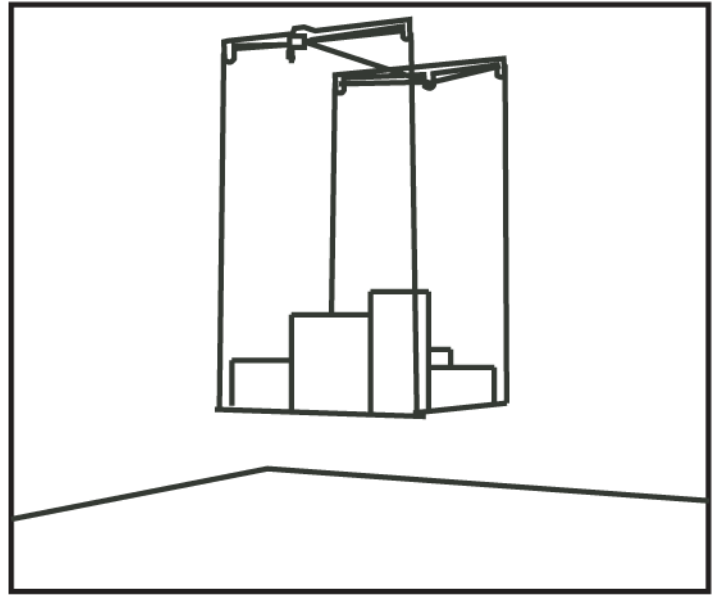
- 19** Assemble Winding Crank With sleeve, locknuts, and bolts as shown.



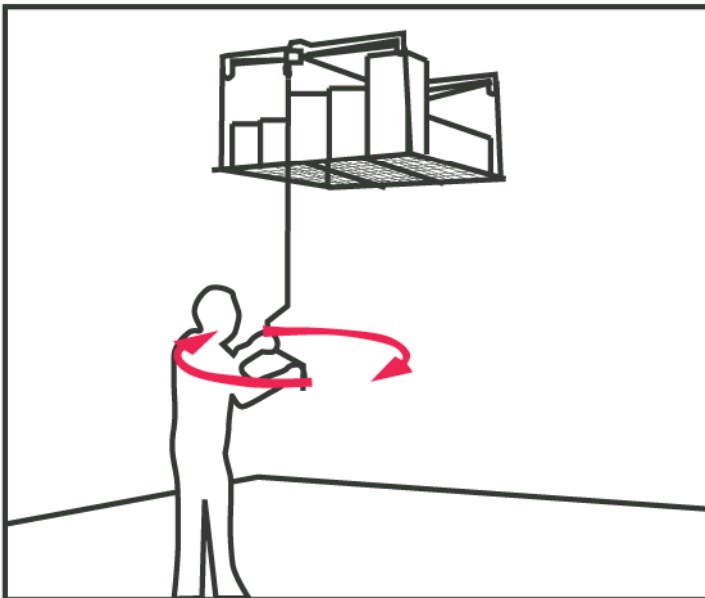
- 20** Test platform by winding up and down several times.
 Platform will lower 8' from ceiling



21 Using the safety lock: To lower or raise the platform, disengage the lock by inserting crank hook into the lock slot and push towards the gear loop to lock or away from gear loop to un-lock.



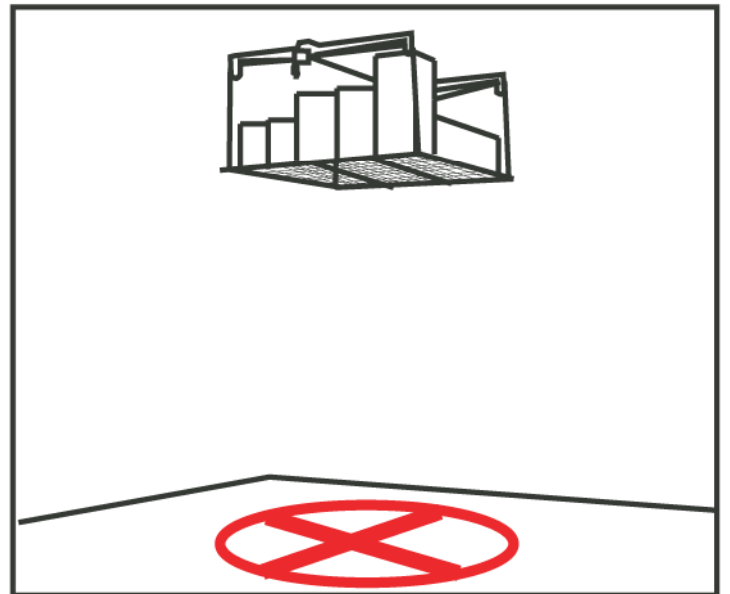
22 Lower platform to waist level and load with up to 250 Lbs., evenly distributed.



W WARNING! TEST BY RAISING PLATFORM TO CEILING. DO NOT STAND UNDER PLATFORM WHILE RAISING.

For Assistance:

Racor, Inc.
102 S. 1st Avenue
Sandpoint, ID 83864
800 782 7725



W WARNING! DO NOT PARK CAR OR WALK UNDER FOR AT LEAST 1 HOUR, TO BE SURE THAT UNIT IS INSTALLED SECURELY. NEVER ALLOW PLAY ON OR AROUND INSTALLED HEAVY LIFT.

RACOR