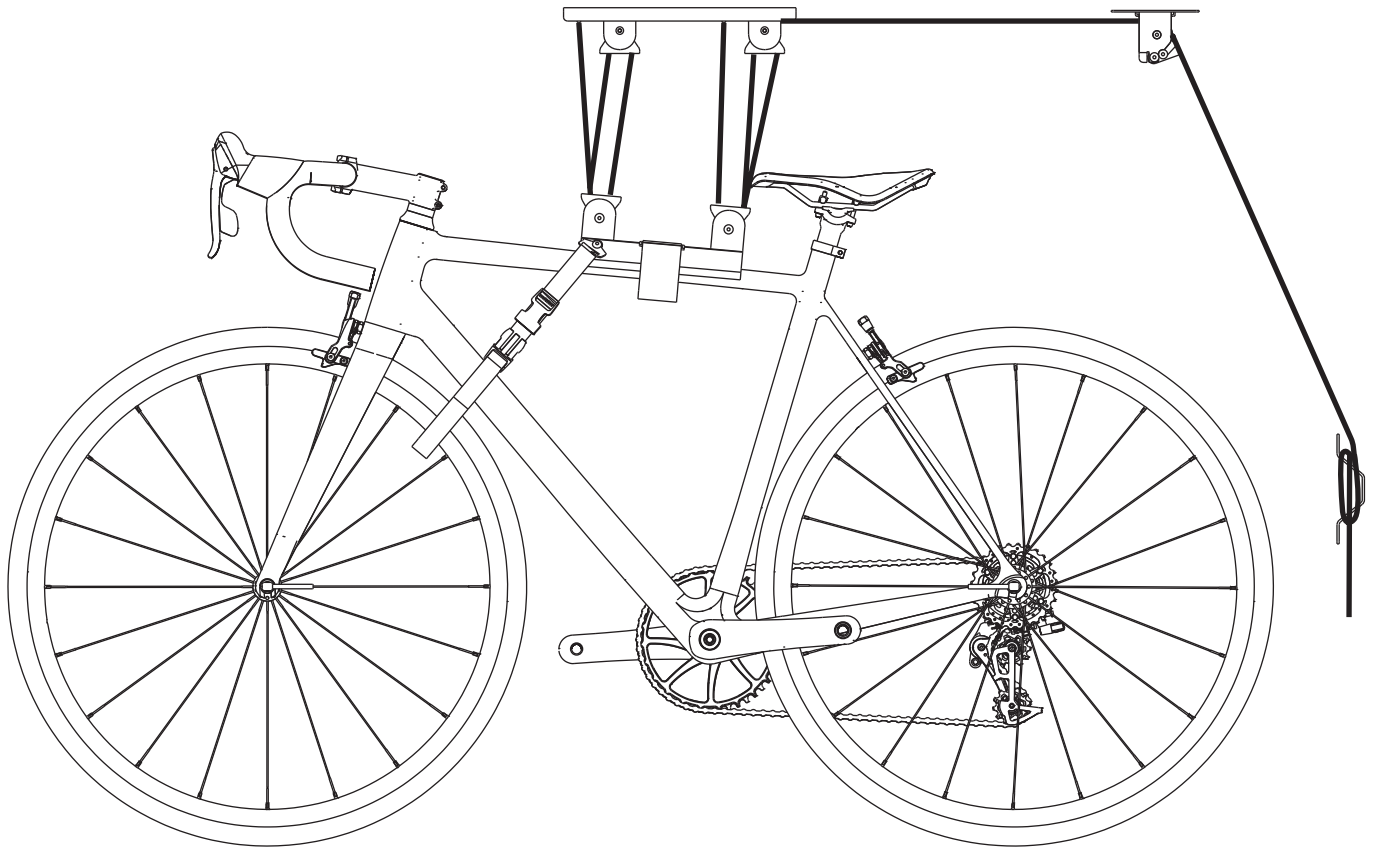


▲ TEAL TRIANGLE



INSTALLATION GUIDE

HEAVY DUTY ELITE BIKE HOIST



SCAN THIS QR CODE FOR
THE FULL INSTALL VIDEO.

Questions or Concerns?

Contact us at:  support@tealtriangle.com

IMPORTANT INFORMATION

Heavy Duty Elite Bike Hoist

Manufactured for Spire LLC in Vietnam

Quantity: 1

WARNING! The product is NOT intended for use by any person under the age of 18 years old. You must be over the age of 18 to install or use the product.

WARNING! Strictly follow all instructions to avoid an accident, damage to property, personal injury or death.

WARNING! Do not use this product for human suspension. Components can fail causing person to fall, possibly resulting in serious injury or death.

WARNING! When operating system, make sure the area below object is clear of persons. If object comes down too quickly, this can cause an accident.

READ THE ENTIRE USER MANUAL BEFORE INSTALLATION

The User Manual you received with your product provides instructions on how to install and use your product. The instructions are written for a person with a basic understanding of tools and procedures. Read the entire manual before proceeding. If you do not understand any portion of the instructions, do not attempt installation, and email support@tealtriangle.com.

CORRECTLY INSTALL THE PRODUCT

Read and follow all instructions carefully.

Failure to properly install and use the product could allow the product to dismantle or tip over, injuring persons or personal property in the process. Accordingly, it is critical that the product be installed correctly and according to the instructions in the User Manual.

USE TOOLS SAFELY

The procedures in the User Manual may require climbing ladders and/or operating power tools. Make sure you are familiar with these tools and their safety procedures before attempting to use such tools during installation. Always be aware of electrical wires during installation. Failure to do so could result in an electrical shock or death.

CAUTION

It is the consumer's responsibility to install this system in accordance with all codes, ordinances, and local regulations.

When installing the product, it is the consumer's responsibility to ensure the structural integrity of the structure it is being mounted to.

The product is intended for the storage of sporting equipment only. Do not use it for any other purpose.

This system has a maximum capacity listed on the next page. Overloading the system could result in damage to property or injury.

Use extreme caution when loading and unloading equipment from this system.

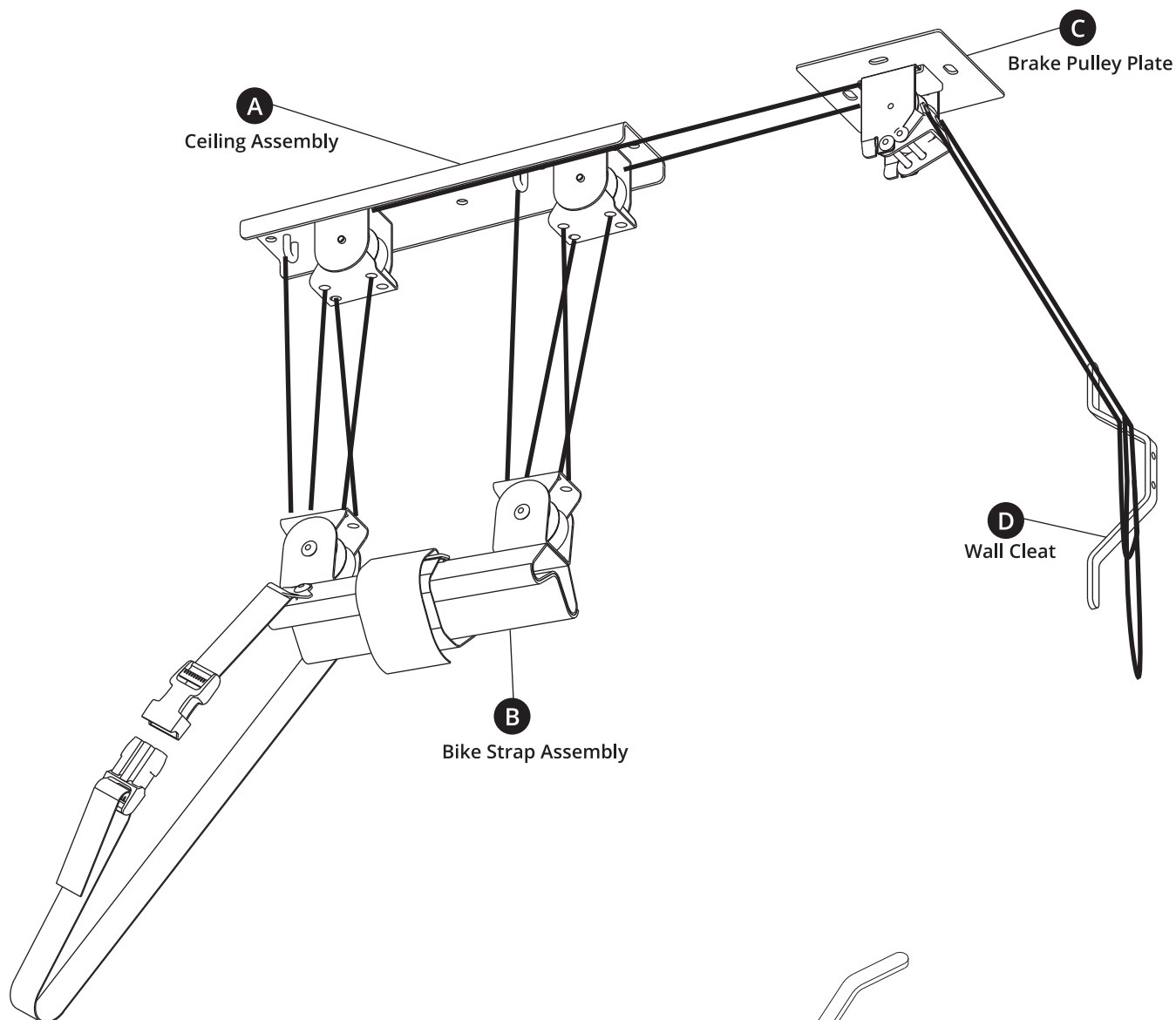
It is the consumer's responsibility to ensure that the system is in proper working condition before loading objects onto the system. Check tightness of all bolts and screws periodically. Failure to properly maintain the system could result in damage to property or injury.

WARNING AND DISCLAIMER

Spire LLC (d/b/a Teal Triangle) expressly disclaims any and all liability for personal injury, property damage or loss, whether direct, indirect, incidental, resulting from the incorrect mounting, improper use, inadequate maintenance, or neglect of this system.

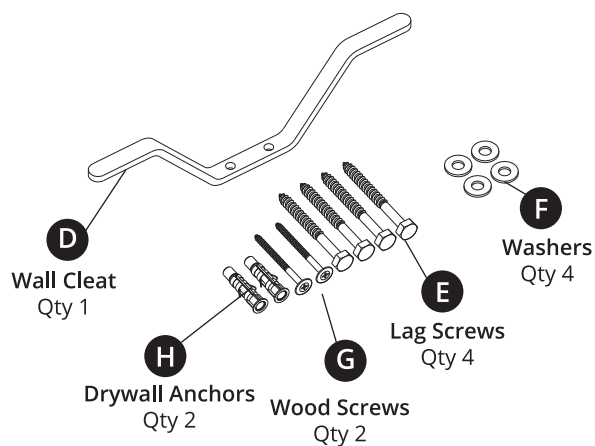
Hoist Parts

This image shows a fully installed hoist. Use it to understand the parts and refer to it during installation. See the next page to prepare for installation.



REQUIRED TOOLS:

Drill
12mm socket
3/16" (5mm) drill bit
3/32" (2.5mm) drill bit
Phillips head screwdriver
Stud finder
Pencil

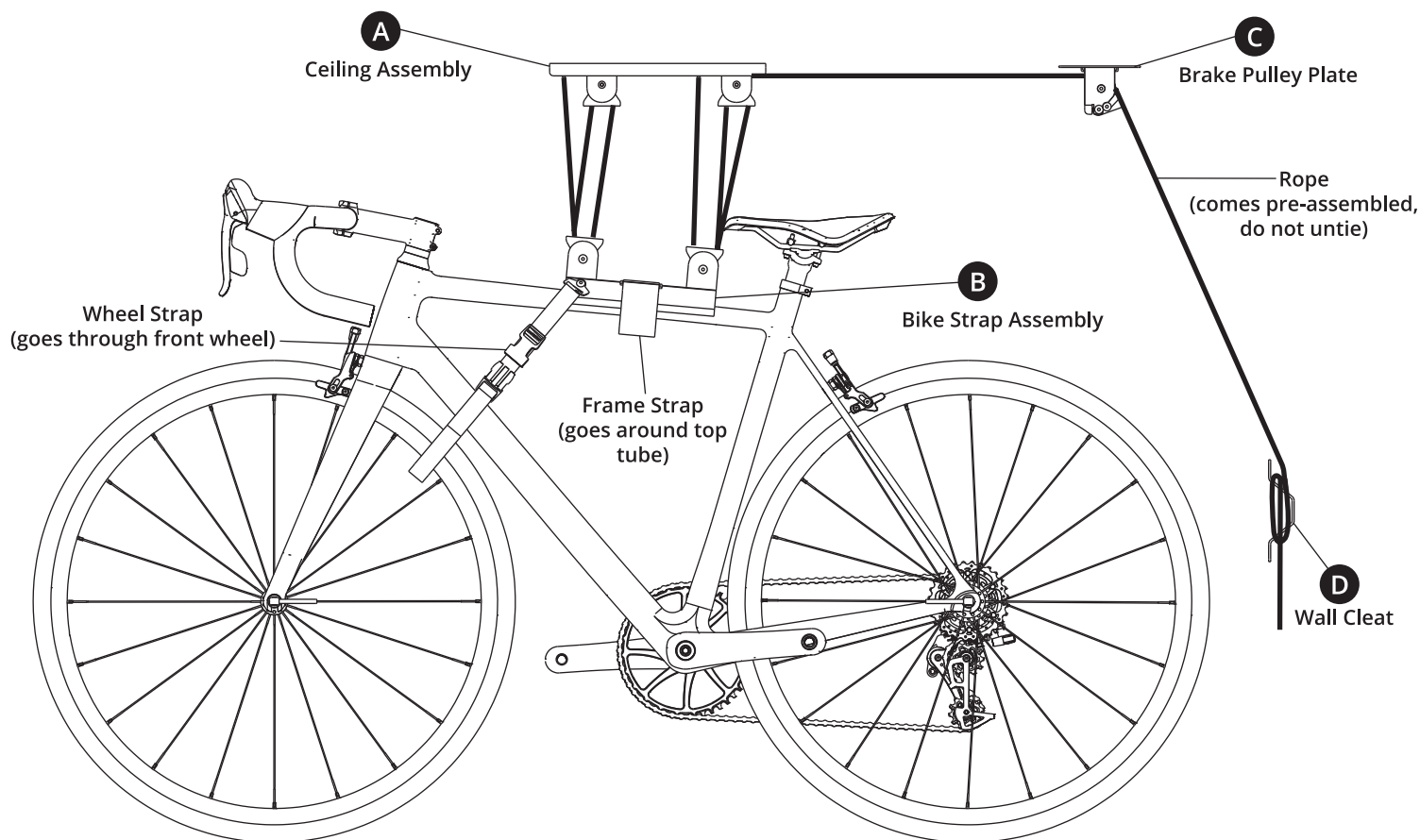


WEIGHT LIMITS:

70 lbs. with full velcro engagement

These parts come unassembled

Unpacking the Hoist and Preparing for Installation



1. Unpack all parts except the rope.
2. Arrange parts on a table in the orientation shown above (how they will be on the ceiling)
3. Note: The short strap wraps around the bike frame, and the long strap with the buckle goes through the front wheel.
4. The rope you pull will come out the rear direction of the bike.
5. Tighten knots on the Ceiling Bracket Assembly if necessary.
6. Untangle ropes and ensure the longer front wheel strap faces away from the Brake Pulley Plate.
7. Hold the rotating end of the brake pulley (C) up to give slack to the rope between parts A and B.



Do not untie or disassemble the rope!

NOTE: Most of these images are shown without or with simplified images of the rope for clarification. The rope is not meant to be untied or disassembled.

Plan and Install Parts

1

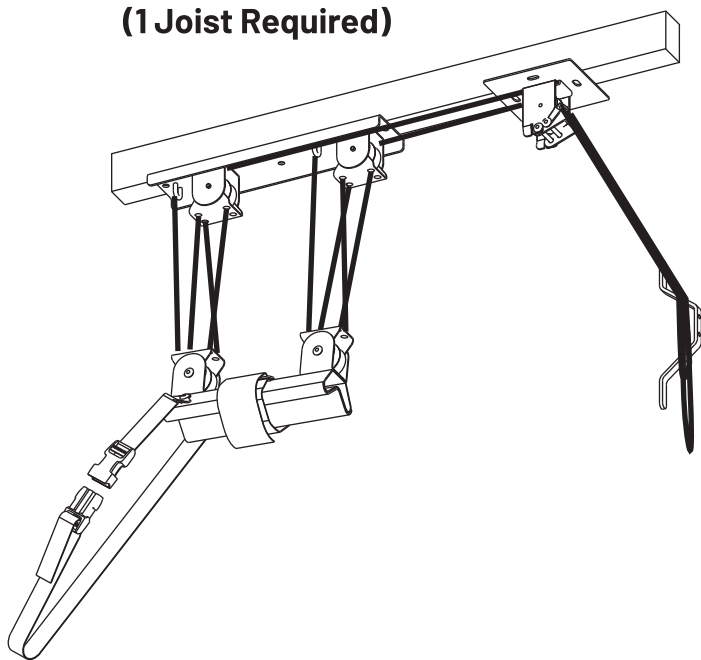
1. Determine installation location, considering:

- Bike measurements
- Ceiling joist direction and location (parallel or perpendicular)
- Interference with walls

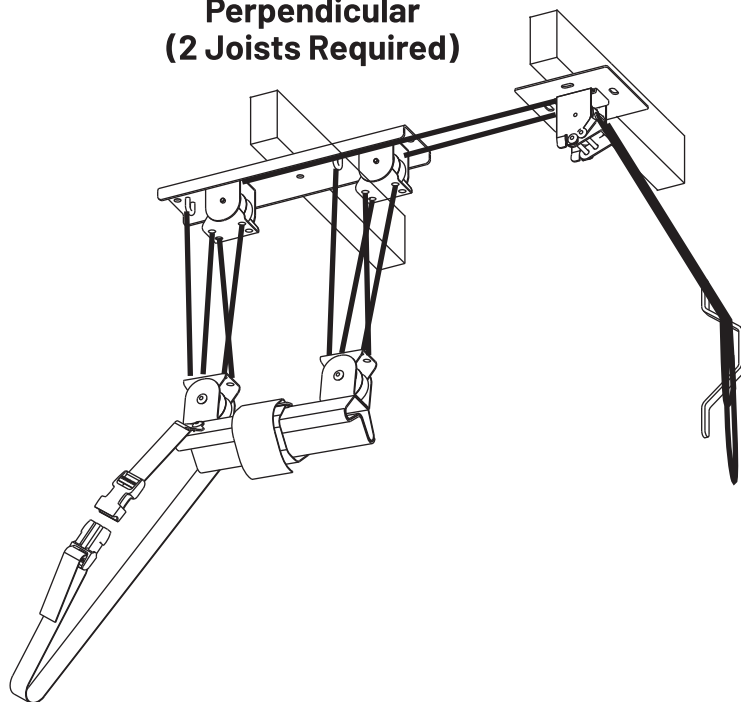
2. Positioning guidelines:

- Ceiling Brackets: Must be installed into wood ceiling joists
- Bike Strap Assembly: Strapped to the top tube, close to the seat without rope rubbing.
- Brake Pulley Plate: Mounted at least as far as the back of the rear wheel from the Ceiling Bracket Assembly (as shown in image on previous page).

**Parallel
(1 Joist Required)**



**Perpendicular
(2 Joists Required)**

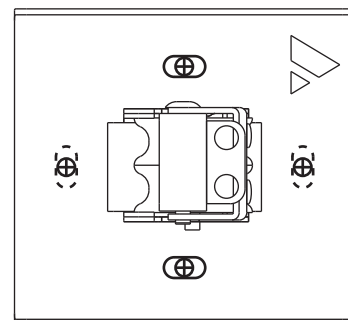
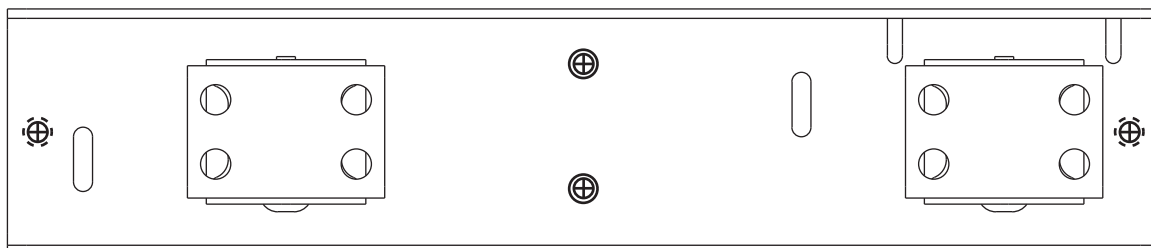


Key:

 Parallel Joist

 Perpendicular Joist

 Drill Hole



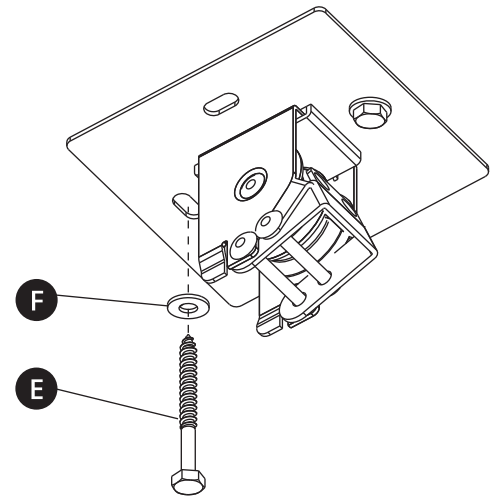
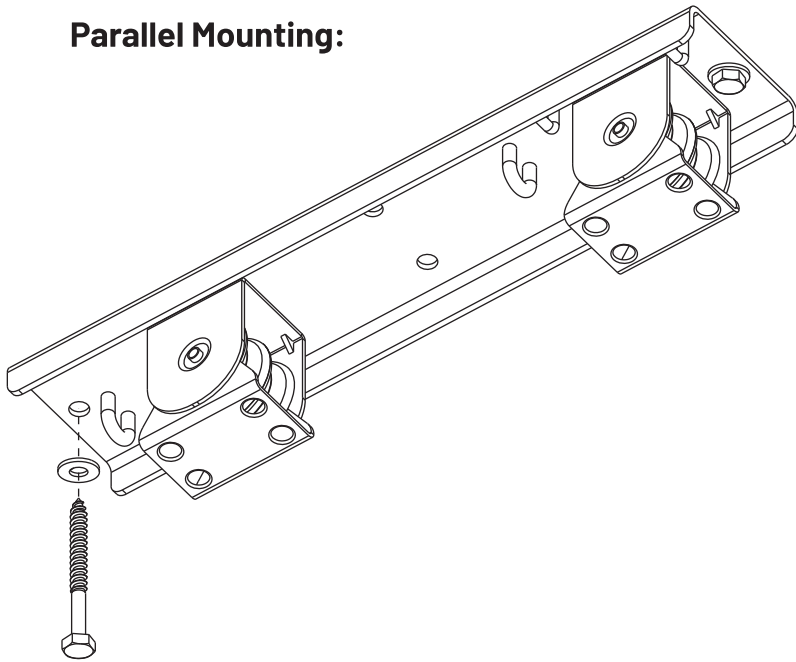
2 Install Ceiling Bracket Assembly (A)

1. Use a stud finder to locate and mark the center of the ceiling joist.
2. Hold the bracket on the ceiling and mark holes for mounting (parallel or perpendicular to joists).
3. Drill 3/16" (5mm) pilot holes.
4. Install with 2 Lag Screws (E) and Washers (F).

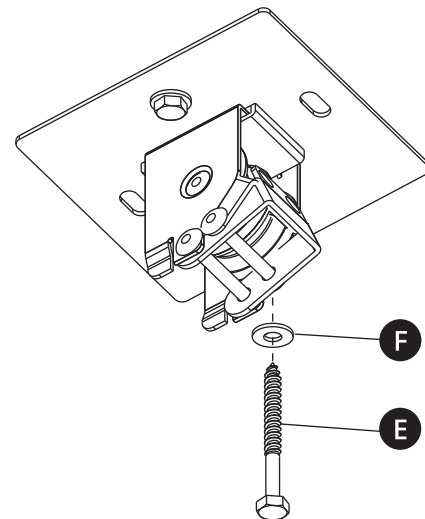
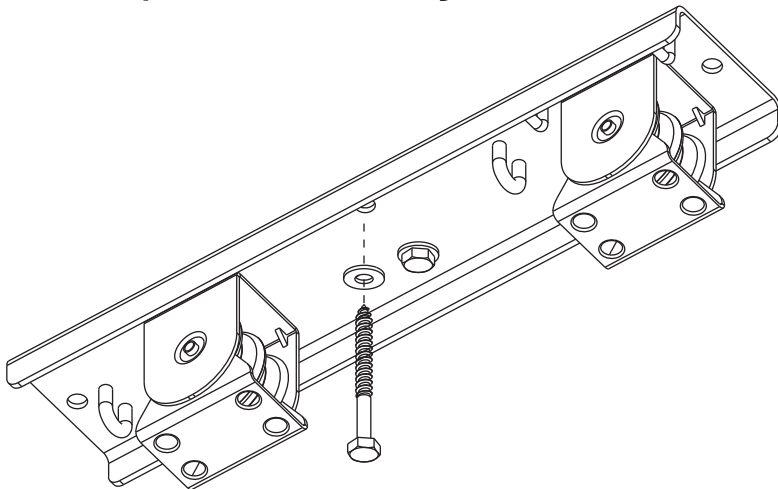
3 Install Brake Pulley Plate (C)

1. Repeat steps 1-4 from Ceiling Bracket Assembly installation.

Parallel Mounting:



Perpendicular Mounting:



4

Install Wall Cleat (D)

1. Locate a spot on a wall near the Brake Pulley Plate rope exit, around shoulder height.
2. For stud mounting:
 - Locate and mark stud centerline.
 - Mark and pre-drill 3/32" (2.5mm) pilot holes.
 - Install with Wood Screws (G).
3. For drywall mounting:
 - Mark and drill 3/16" (5mm) anchor holes.
 - Insert Drywall Anchors (H).
 - Install with Wood Screws (G).

Attach bike and operate hoist

Need to know: The free end of the rope coming out of the brake is two ropes that are looped at the end. Each rope can be individually adjusted to straighten the object you are lifting when first setting it, but most of the time you will pull both of them together and treat it as a single rope.

5

Operation

1. Ensure ropes are in pulley grooves.
2. To set brake: Move free rope end straight toward the brake pulley rope exit.
3. To release brake and lower:
 - Grab rope tightly.
 - Pull straight down on free end until brake releases.
 - Raise rope toward ceiling to lower object.
4. Adjust rope sides separately to straighten bike against ceiling.
5. Pull rope evenly to raise and lower the bike and engage the brake at desired height.
6. Wrap extra rope around wall cleat to prevent knots and as brake backup.

6

Attaching the bike

1. Position bike below hoist.
2. Use rope to adjust Bike Strap Assembly height just above the top tube.
3. Wrap short wide strap around top tube and through D ring.
4. Secure velcro tightly.
5. Wrap wheel strap around rim through spokes and attach buckle.
6. Tighten strap to prevent handlebar turning.



Before putting any weight on the system, make sure it is set up correctly and looks exactly like the overview image

