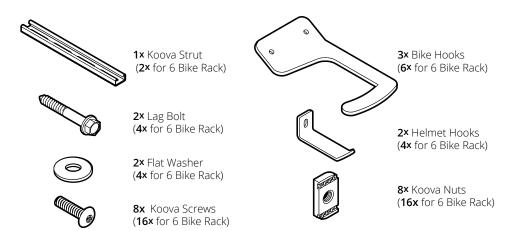
# 3 OR 6 BIKE RACK

# INSTALLATION INSTRUCTIONS FOR 3 OR 6 BIKE RACKS





### **TOOLS NEEDED**

- Socket wrench with 5/16" socket
- Phillips head screwdriver
- Stud finder (recommended)
- Pencil for marking mount location
- Level (optional)

lf the mounting wall requires masonry hardware, email us at support@ koova.com and we will send a kit.

#### INSTALLATION WARNING

To safely support the weight of your bikes, the Koova Lag Bolts must be installed into studs. Failure to mount the Koova System properly may result in damage to property and/or personal injury.

#### STEP ONE: LOCATE STUDS

- Locate a stud using a stud finder or alternative method (figure a). Mark the center of the stud.
- Measure 16" inches to either side to find a second stud and make a second mark.



MEASURE BIKE LENGTH

## STEP TWO: MARK MOUNTING LOCATION

- The height of your Koova strut will be equal to the length of your largest bike. Measure your largest bike from the back edge of the back wheel to the front edge of the front wheel (figure b).
- The strut will mount on the stud at the height determined above. Mark this location.
- Make an additional mark at the same height on a second stud, 16" apart from the first mark (*figure c*).

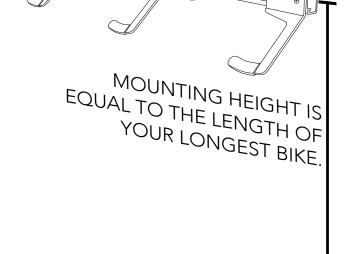
#### NO STUD FINDER?

There are a variety of methods for locating studs and a web search will show you these techniques.

### **NEED A LEVEL?**

Your smartphone may have a level app already installed. If not there are many free apps available for most smartphones.

For the 6 bike rack, place the second strut at least 15 inches from either side of the first strut.





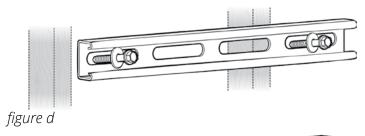
#### STEP THREE: MOUNT THE KOOVA STRUT

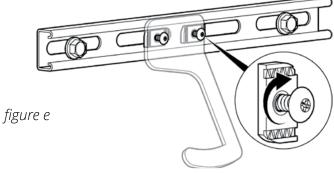
- Hold the Koova strut up to the wall so that you can see the two mounting marks through the slots.
  Place a washer on one of the lag bolts and line it up with the mark. Tighten with a 5/16" wrench or socket (figure d).
- Tighten bolt half-way and locate the second mark.
- Insert the second lag screw with washer. Tighten both bolts all the way.

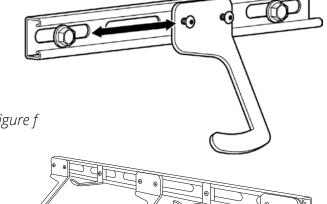
# STEP FOUR: ATTACHING THE BIKE HOOK AND HELMET HANGER

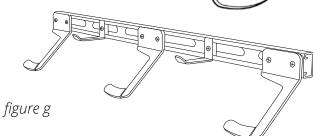
- Insert a Koova Screw into each of the front holes on the Bike Hook and loosely connect a Koova Nut figure e onto each screw. Make sure the Koova Nut "teeth" face the back of the attachment (figure e).
- With the Koova Nut horizontal, place the attachment on the Koova Strut. Loosely tighten the screw, rotating the Koova Nut so that it is oriented vertically.
- Slide the attachment to the desired position (figure f) and tighten. To properly support the weight of your bikes, make sure the Koova nuts are vertical when tightened.
- Repeat with second hook and helmet hangers. For figure f best results space evenly as shown in figure g.

The Koova 3 and 6 Bike Rack is designed to hold nearly any size bike. If you have an unusually large bike (including large fat tire bikes) that are not fitting well, contact us for Jumbo bike hooks.









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