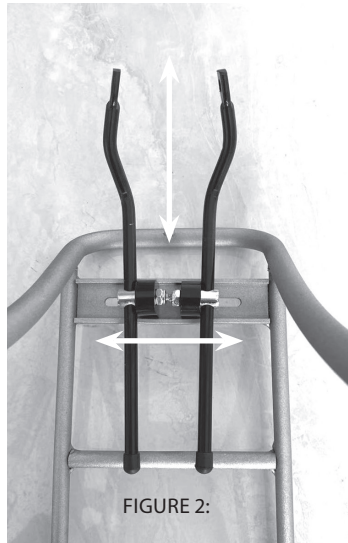
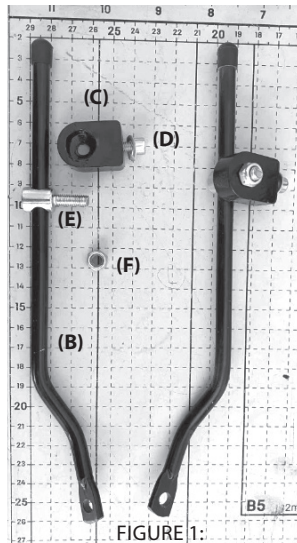


SOMA FABRICATIONS

Rakku 2 Rear Rack Instructions

Congratulations on your purchase of the Soma Rakku 2 Rack. Our rack is designed with versatility in mind. While no rack can fit every bike, we have designed a level of adjustability that will fit most 700c, 650b, and 26" wheel bicycles. Please read ALL the instructions before beginning installation.

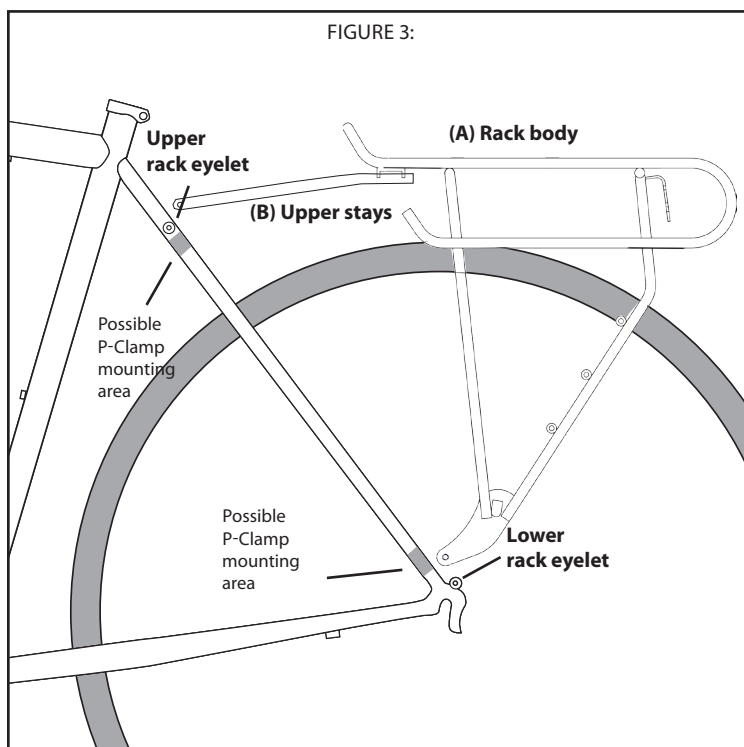


General Considerations:

With so many styles and sizes of bikes out there, it is impossible for a rack (even a rack with adjustability) to fit every size and type of bike. Some bikes are not designed for fitting racks. Check with the manufacturer.

CERTAIN HARDWARE **NOT INCLUDED**:

Since the threaded eyelet hole specifications vary bike to bike, we do not include those bolts. Find good strong steel bolts that have the correct width and thread pitch for your frame. It is usually the *same spec used on the water bottle bolts* on the bike. The bolt length should be long enough to attach the rack and still have 5 turns of engagement into the hole. If you are using one eyelet to hold the rack and fender stays, you may need a slightly longer bolt.



Parts List

- A) 1- Rack Body
 - B) 2 - Upper stays
 - C) 2 - Alloy joint
 - D) 2 - Steel screw M5x 5mm (thread) with washer
 - E) 2 - Eye bolt
 - F) 2 - Nut
- (Hardware may vary over time).

Tools Needed:

- 4 and 5mm hex keys
- Adjustable open wrench



P-Clamp: If your bike doesn't have mounting points for a rack, you may be able to install the rack using P-Clamps (sold separately). See "Your Bike Doesn't Have Eyelets?"

Mounting the Rack:

ATTACHING INCLUDED HARDWARE ONTO RACK BODY:

1) Attach the alloy joint (part #C) to the slots using the hex bolts. Check FIG. 2 for orientation. Leave the bolts a little loose to allow the alloy joint to slide left and right.

2) Slide the eyebolt onto the Upper Stays. You may need to to remove the rubber cover on the stays to do this.

3) Install the eyebolts and upper stays on to the alloy joints with the bent end away from the rack. Leave the hex nuts a little loose to allow for adjusting later.

Do not install the Upper Stays to bike yet.

MOUNTING THE RACK BODY TO THE BIKE FRAME

EYELETS (BRAZE-ONS): Bikes have threaded eyelets welded or brazed on to the frame to serve as mounting points for racks or fenders. (See Fig. 3)

1) Bolt the lower part of the rack onto your bike's lower eyelets. We include different spacer discs to allow fitting older bikes where the eyelets may be closer together. Find the right combination of spacers that is the closest fit to your bike. Use a bolt that is long enough to fit thru the rack, spacers and safely engage your bike's lower eyelets. We include 3 different length M5 bolts, but if your bike's eyelets do not fit M5 bolts, you will need to source your own. If you source your own, we recommend stainless steel.

Bolts should be tight enough, so rack does not flop forward or back.

2) Mount the upper stays to upper set of eyelets loosely. The stays can be widened, extended and even slightly tilted to reach the eyelets. (We may not include these bolts. Find a set that fits the eyelet of your bike)

YOUR BIKE DOESN'T HAVE EYELETS?

If your bike doesn't have eyelets for for racks, you may be able to attach the rack using rubber or vinyl coated "P-clamps" (aka marine clamps). Just purchase a set that matches the diameter of your bike's seatstay tubes and find appropriate bolt and nut to secure the rack to the clamp. If your frame has oval cross section seatstays, P-clamps may not work.

FINAL ADJUSTMENTS AND TIGHTENING BOLTS :

1) Level the rack parallel to the ground. That will give you the best result if you are hanging pannier bags on your rack.

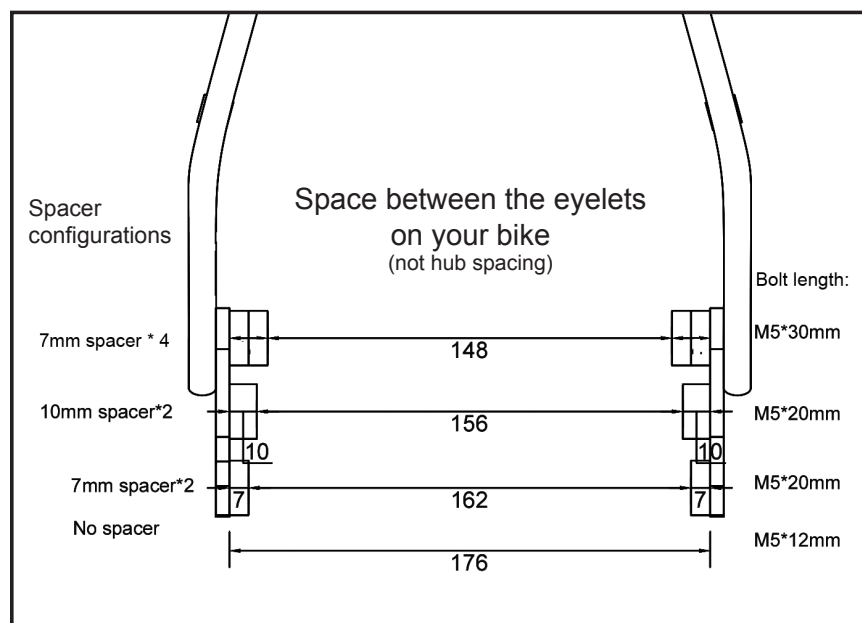
2) Bolt the Upper Stays to the bikes upper eyelets. Upper stays can slid wider apart and angled up and down. Still some bikes may require the Upper Stays to be bent to reach properly. Bend them before installing.

3) Tighten the bolts holding the rack to the lower set of eyelets on both sides to about 5 nM.

4) Tighten the nuts under the rack using a small open wrench to about 5 nM.

5) Tighten the hex bolts on top of the rack to about 5 nM.

6) Tighten the bolts holding the rack to the upper set of eyelets to about 5 nM.



REFLECTOR BRACKET :

The rack comes with a bracket where you can bolt on a rear safety reflector. The drilled hole is 6mm wide.

Way to Use the Rack:

Your Soma rear rack can be used to carry:

- 1) Panniers, one on each side
- 2) Open top grocery panniers, one on each side
- 3) Trunk bag, on top
- 4) Tie a basket on top
- 5) Strap objects to the top using a bungee cord
- 6) Mounting a 3-bolt cargo cage, on rear stay

CAUTION:

1) Periodically check the tightness of all bolts securing the rack. Road vibrations can loosen bolts over time. Use a little blue Loctite to reduce incidence of loosening.

2) Check that bungee cords, clothing, or bag straps are secured so they do not become a hazard. If something gets hooked into spokes, it can damage equipment or even cause an accident.

3) Be very careful leaning a bike against objects or laying it on the ground. If your bike falls over, check the integrity of the rack tubes, welds, and hardware.

4) Your rack can hold about 25 kg, but be cautious riding with that weight because steering and handling of the bike will be more difficult. Get accustomed to riding with loaded panniers before riding in heavy traffic or going on a long tour.

Questions? E-mail us at somainfo@somafab.com