

Installation Guide for your Pass & Stow Rack

What You Get:

- 1- Rack bed
- 2- Rack legs
- 1- Y mount
- 1- Hardware bag



Contents of hardware bag:

- A. (1) M6 SS screw: 50mm
 - (Mounts the rack to brake center hole)
- B. (1) M6 SS screw: 40mm
 - Dyno light mount
- C. (2) M6 SS screws: 16mm
 - Connects Y to rack
- D. (4) M5 SS screws: 16mm
 - Connects the legs to the bed
- E. (2) M5 hardened: 18mm
 - For lower fork eyelet stud (using spacers)
- F. (2) M5 hardened: 14mm
 - Upper fork eyelet stud (w/o spacer)
- G. (2) Barrel spacer
 - Used for lower fork eyelets
- H. (6) M5 SS washers
- I. (6) M5 SS nylock nuts
- J. (6) M6 SS washers
- K. (4) M5 SS lock washers
- L. (3) M6 SS nylock nuts



Refer to the numbers in the photo above during install of rack.

Tools needed:

I wanted to make this rack field-serviceable; so all the hardware is the same found on the rest of your bike.

- 4mm Allen key
- 5mm Allen key
- 8mm wrench
- 10 mm wrench



Getting Started:

First: Assembly of the rack

Hardware needed:

D (4) M5 SS screws, 16mm

H (6) M5 SS washers

I (4) M5 nylock nuts

Place the bed upside down; there are two tabs on the 2nd and 4th rail.



The legs mount on the **OUTSIDE** of the tabs.

Also, make sure the legs are on the right sides:

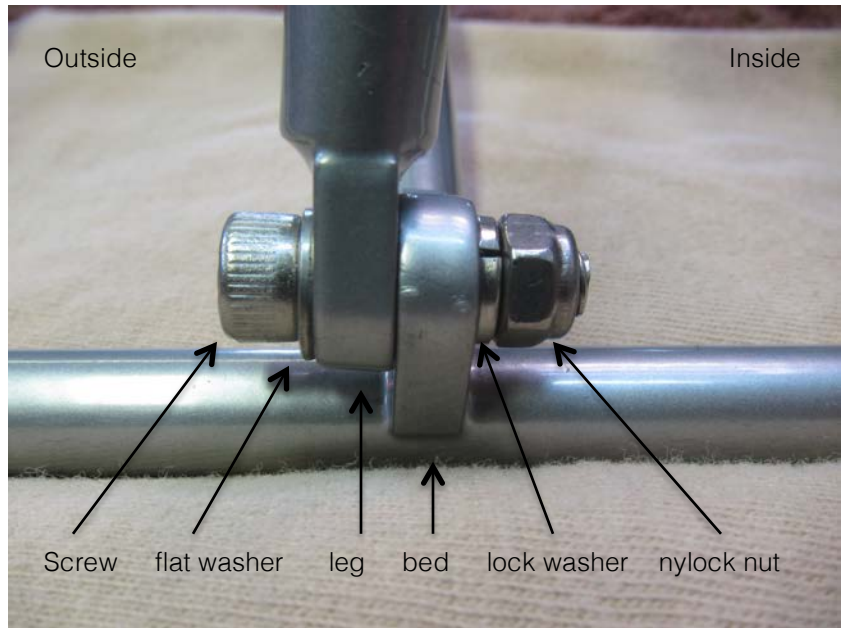
The flat side of the dropouts face inward and the longer tube of the leg is in front.



Hardware assembly works as follows:

Screw, flat washer, leg, bed, lock washer, nylock nut.

The head of the screw should be facing outward and the nut would be on the inside.



Done.



Fork Tip

This mounting method creates a stud at the eyelet, if the nut ever comes loose; the stud (m5 screw) will be there to keep the rack in place.

Remove your front wheel. If you are using the lower eyelets (fender eyelets) use part **E** from hardware bag (black M5 18 mm screws). These are hardened steel and will rust, but are super strong.



Thread them from the inside of the eyelet out so the head will be tight to the inside of the fork and the threads will be pointing outward. Tighten these screws well!

If you are using the lower eyelets, you can put the round spacer (G) on the studs now.



Use the 14mm (F) if you are using the uppers eyelets, which do not require the G spacers



Next step: Install rack onto your bike.

Have your bike leaning on a wall or held in a repair stand, it would help if the front wheel did not move around. A toe strap or a piece of rope holding the wheel to the down tube of your frame works well here.



Mount the rack onto the fork by widening the legs slightly over the studs protruding from the eyelets. If you are mounting to the lower eyelets, you would have put the two spacers (G) on the stud already (as shown).

(Wheel removed to show detail)



Now secure the rack with a flat washer (H) and a nylock nut (I) on both sides.

Tighten well!

Your rack should be able to hold its position and enable you to adjust the Y mount, which is the last step.



The Fit-up

With the rack on the bike, level with the floor "sneak" the Y mount under the rack **WITH THE TABS FACING DOWN** (This will give you maximum clearance for your tire). You will not be attaching it with hardware just yet...but I added the 50mm mounting screw (A) and a M6 washer (J).

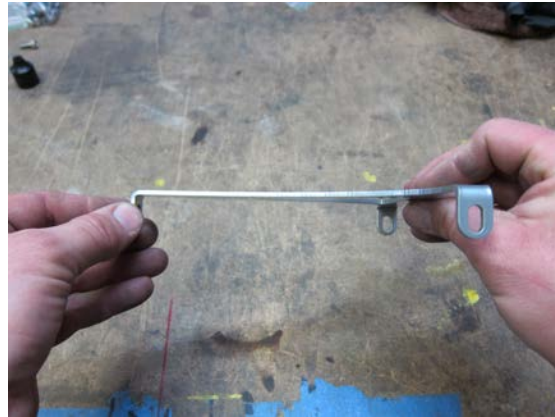
In this photo you can see the Y doesn't quite match up with the angle of the fork. Next photo explains how to get the fit right.



Y Mount:

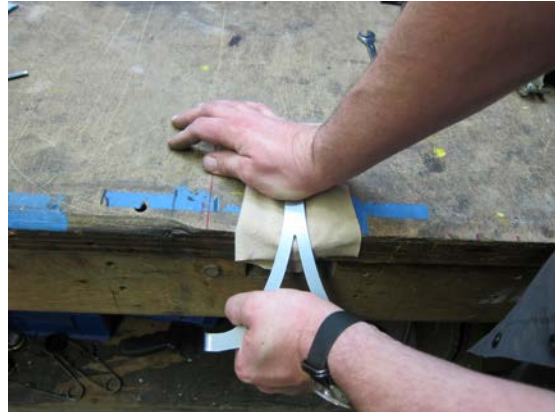
The Y mount can be adjusted in a vise if you have one, but the edge of a table, step, or workbench will work fine. In some cases it will mar the edge of whatever surface you choose, so be wise not to destroy your kitchen table.

If you have any issues at this point, you could contact me for help via email: mf@passtow.com.



I use a rag here to protect the surface of the Y mount. The rag will not do much to protect the surface below.

I like placing the bend right where the two legs join up.



After the first adjustment, I would place it back under the rack and see how the tab lines up with the face of your fork crow. Adjust as needed.



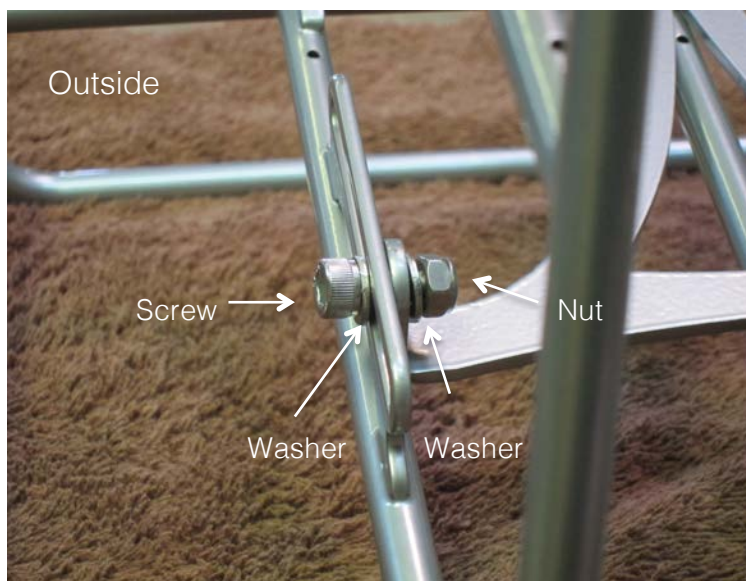
Mounting The Rack

C (2) 16mm M6 screws

J (4) M6 SS washers

L (2) M6 Nylock nuts

Assemble the hardware as follows: screw-washer-rack-Y mount-washer-nut. Again, the head of the screw will be facing outward. (Photo shown with rack off bike to better view the hardware assembly)



Tighten to the point where you can move the rack, but it will hold in place once released, this will help with the final fit.

For the fork crown, use the longer (**A**) M6 screw to attach the rack to the bike.

I like installing the Allen head on the backside of the crown and the nut on the brake side of the crown. This makes for a cleaner look if there are excessive threads showing.



The 50mm Allen head screw is quite long to fit both 1" and 1 1/8" steer tubes. For this setup, I cut it down to fit more cleanly. This is an option if you would like – a hacksaw would be required.

Tighten all Y Mount hardware just enough to allow you to move the rack within its adjustment range, but will stay in place once released.

Try and make the bicycle as upright as possible (I used a level here), stand back 5ish feet and check to see how level the rack is.



Once you are pleased with the levelness:

TIGHTEN ALL POINTS:

Nuts at dropouts,

Connection point at fork crown

Connection points under the rack.

Now you are ready to ride.

Fender mounting:

There is an extra set of holes on the dropouts, which are for fender installation.

If you only have one set of eyelets and the rack is using them, this gives you a place to connect to.

Light mount

All of the racks are able to use a Dyno light with internal cable routing. I provide a screw long enough to for most modern LED lights, but since there is a wide variety of mounts and styles, I will leave it up to you to find the fit that works best for your particular light. V brake washers work really well here to get some position adjustment.

If you have any questions, email me @ mf@passstow.com

Thanks, Matt Feeney