

sixthreezero Assembly

Single Speed without Fenders

THE FUN PART, ASSEMBLY.

TIME TO BUILD YOUR OWN BIKE.

ENJOY THE RIDE SO MUCH MORE KNOWING YOU BUILT IT.





Mechanic

MEET MARCO

Meet Marco, the sixthreezero mechanic. He's here to help. Anything you need with assembly, repairs or installations, he's your guy. Call or email him, he's always around.

mechanics@sixthreezero.com
310.982.2877

Hey Everyone,

Welcome to the six**three**zero experience. We developed a process that will walk you through every step needed to start your ride. Now for the fun part... the assembly. I know, I know, we've all had to assemble something we've bought before, a tv stand, coffee table, possibly a grill or even a bike a time or two before. It's never fun, it never goes well, you always lose a nut or a screw and by the time you're done, you'd rather destroy whatever it is you've bought than actually use it. Well, I'm here to make sure that doesn't happen.

Assembly of a bike can be a fun, engaging, learning experience. Call up a friend, ask your spouse or child, don't rush, and enjoy the process. Part of the fun in building your bike is telling people "I built it all by myself." I build bikes almost everyday and I always learn something new. I enjoy the process of building something from the ground up, and I hope you will too.

The instructions were written and designed by me, so if you have any suggestions please let me know!

Marco

six**three**zero Mechanic

TOOLS REQUIRED

Scissors or Wire Snips **(A)**

8, 10, 13, and 15mm Crescent Wrench **(B)**

(Socket wrenches also applicable in some cases)

5 and 6mm Allen Wrench **(C)**

Phillips Head Screw Driver **(D)**

Schrader Valve Bicycle Pump **(E)**

Grease (recommended, but not required) **(F)**



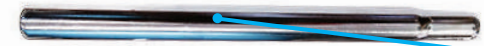
If you want to be able to See and Work with a Live Mechanic during assembly you can either Skype, FaceTime or do a Google Hangout with Us. We'd love to help with assembly. Just let us know in advance and we will arrange it with you!



WHAT'S IN



Frame, Handlebars, Seat, Wheels, & Fenders (Fenders only apply to certain models)



Seat Post (Attaches Seat to Frame)



Allen Key
(5mm & 6mm; used to tighten handlebars and seat)



Multi-Tool
(Includes 13mm, 14mm & 15mm Wrench;
Used to tighten wheels, seat & pedals)

Pedals



THE BOX

Rear Reflector



Front Reflector



Long Screw, Two Washers & Nut
(Used to attach front reflector to fork)



1



Using scissors or snips, cut off zip ties and remove all packaging from the bike.



2

The front fork should have arrived backward in the box. Spin it around so that the drop outs (the bends in the fork) are facing away from the bike.

Incorrect Orientation



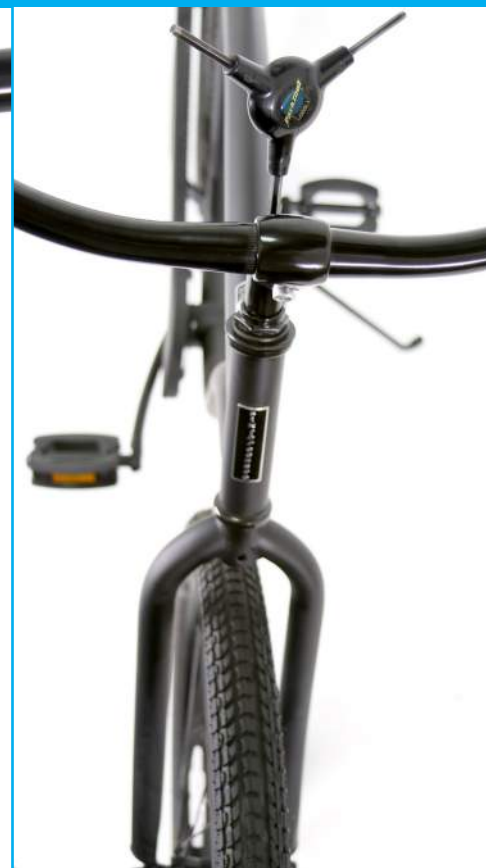
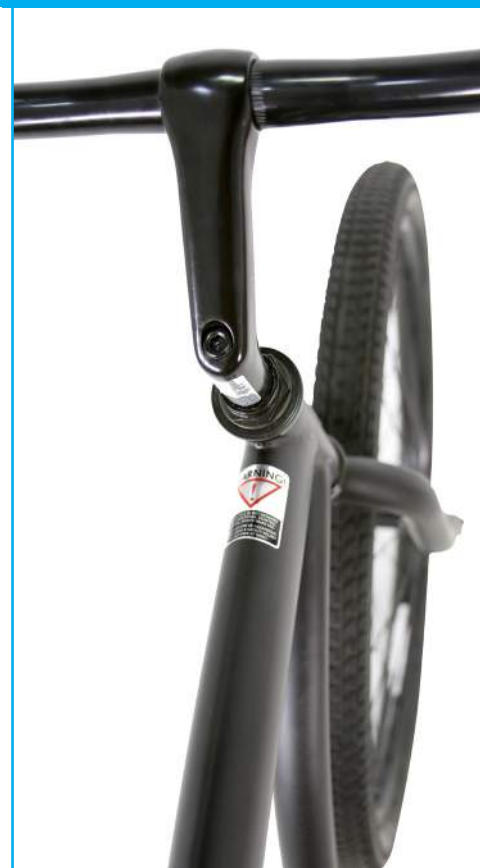
Correct Orientation



Install front wheel so that the fork is sitting on the inside of the nut and washer. Tighten nuts on both sides with a 15mm crescent or socket wrench and verify wheel is sitting in center of the fork. If it is not, see Troubleshooting Step #1 at the end of the manual for instructions on how to get your wheel straight. You can now put the kickstand down to hold the bicycle up.



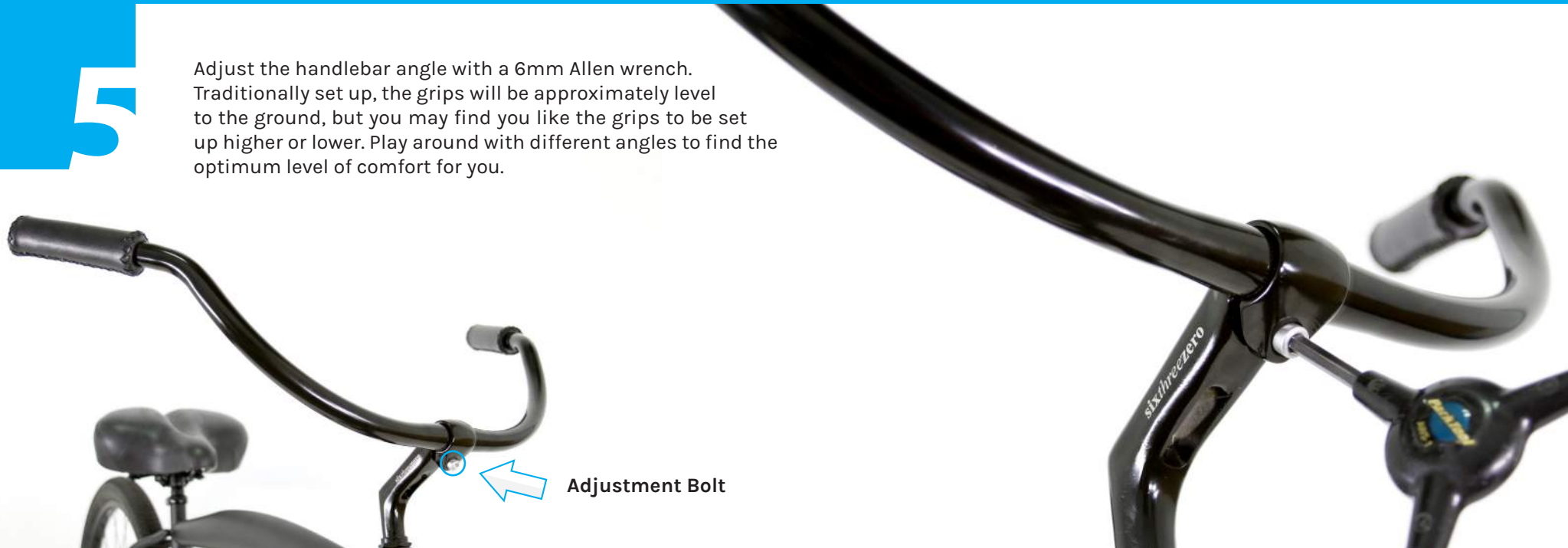
4



Apply grease to the gooseneck and insert it into the head tube. Using the frame and front wheel as a guide, tighten the gooseneck with a 6mm Allen Wrench.

5

Adjust the handlebar angle with a 6mm Allen wrench. Traditionally set up, the grips will be approximately level to the ground, but you may find you like the grips to be set up higher or lower. Play around with different angles to find the optimum level of comfort for you.



6

Apply grease to the seat post and insert it into the seat tube. Leave about 2 inches exposed and tighten down with a 5mm Allen wrench. We will go back and properly size the bike once it is assembled.

7

Install the front and rear reflectors. The front reflector will be installed into the hole at the top of the fork. The components will be installed in this order: Long Bolt, Washer, White Reflector, Fork, Fender Tab (if applicable), Washer, Nut. Tighten with the Phillips head screw driver and 10mm wrench.

a

Using a Phillips head screwdriver, loosen the bolt in the bracket and slide it over the seatpost. Tighten anywhere on the seatpost that is of uniform diameter.



b

8



Install seat onto the seat post. If necessary, loosen the two nuts to get the seat clamp onto the post. Find desired seat angle, and tighten the nuts uniformly with a 13 crescent or socket wrench.

To change seat angle, loosen the nuts and adjust seat to desired angle then tighten again.



9

Apply grease to threading on the pedals. Notice that the pedals are stamped L and R. Make sure to install the correct pedal onto the proper side of the bike, as the threading on the left pedal is reversed. The right side of the bike has the chain and chain guard on it. The right side pedal follows the traditional tightening pattern in a clockwise direction. The left side pedal is reverse-threaded, tightening in a counter clockwise direction. Hand tighten accordingly and follow up by tightening both pedals with a 15mm crescent wrench.

Left & Right markings



10

Pump air into the tires to a desired pressure or as recommended on the sidewall of the tire.



Incorrect Height



Correct Height

11

Sit on the bike and notice the seat's height when one leg is at full extension. If your knee forms a shape angle, then raise the seat until you have a subtle bend or you are comfortable with the height. Refer back to step 6 for instruction and images of the seat clamp adjustments. Tighten the seat clamp and enjoy your beach cruiser!

Troubleshooting

1

Straightening out the front wheel

Loosen the axle nut that is on the same side of the fork to which the tire is leaning. Wedge your hand in between the tire and fork and push the wheel to center. Tighten the axle nut down while the wheel is being wedged over. If necessary, loosen the opposite side axle nut and re-set the wheel that way. Remember to always check to make sure you have re-tightened the axle nuts after doing any maintenance work on the front wheel.



2

Chainguard rubbing against chain

If you hear a scraping or grinding noise it is very likely that the chain is rubbing on the chainguard. You can loosen the screw behind the chainguard to readjust it and find the appropriate position.





CONGRATULATIONS!

You did it! Now you are ready to ride! If the bike is fully assembled but you think things are not quite right or maybe you're missing something, please don't hesitate to email me. My email is mechanics@sixthreezero.com. I'll always respond within 24 hours guaranteed! Once you are up and riding please email us some pictures, we love to see other riders out enjoying their bikes!

Marco
sixthreezero Mechanic