

xtracycle

SWOOP ASSEMBLY MANUAL



ASSEMBLING THE XTRACYCLE SWOOP

Tools needed

3 mm Allen wrench
4 mm Allen wrench
5 mm Allen wrench
6 mm Allen wrench
Snippers / scissors
10 mm socket wrench
Pedal wrench or 15 mm wrench
Bicycle grease
Electrical tape
Needlenose pliers (optional)

01 - Open the bike box

Look over the box for signs of shipping damage. If damage is present, please take pictures in case a shipping damage report needs to be filed.



02

Record the serial number and the Shimano key number which can be found on the label on the side of the box. Keep these numbers in a secure place since they might be needed in case something happens to your bike or you lose your Shimano key. The serial number is the number under the bar code next to "Frame No:". For the Swoop, this will start with **SWP** (the barcode show here is for a Stoker). The key number is the number under the bar code next to "Key No:".



03

Cut away the yellow banding straps holding the box closed.



04

Open the box.



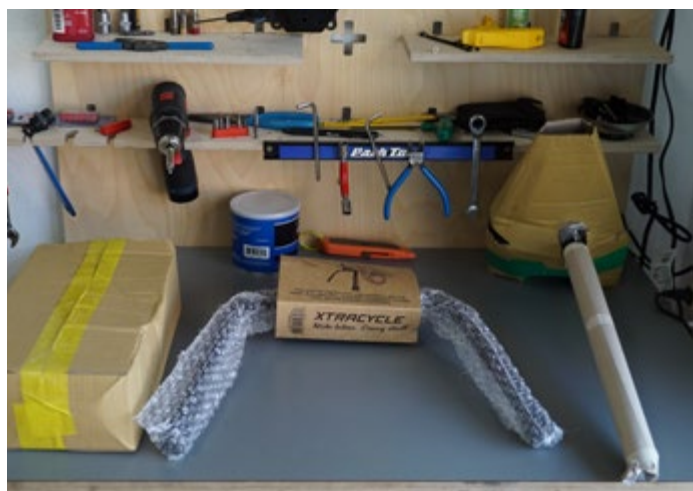
05

Inspect the contents and look again for any signs of shipping damage.



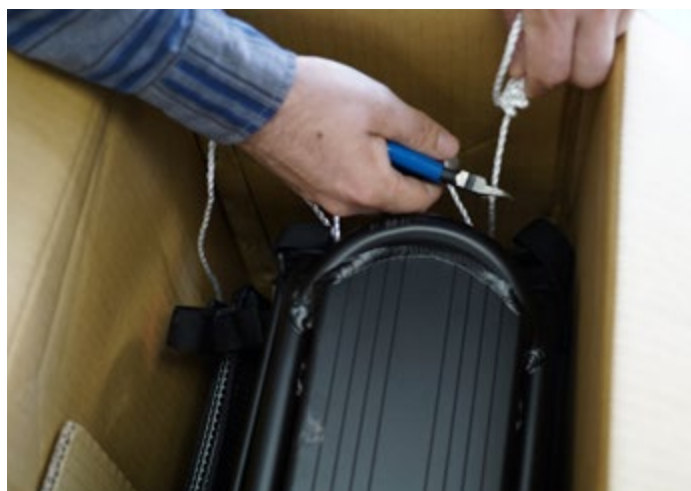
06

Remove and set aside the small parts box, the KickBack 3 and the seat with post.



07

Cut the string attaching the rear of the bike to the end of the box.



08

With a friend, lift the bike out of the box and set it on your work surface.



09

Remove the zip-ties holding the front wheel to the frame and set it aside.



10 - Charge the battery

Remove the battery keys secured to the handlebars.



11

Unlock your battery and remove it by rotating it away from the bike.



12

Find the battery charger and domestic power cable in the small parts box. Locate the charging port on the drive side of the battery. Pull back the rubber cover and plug in the charging cable.



13

Make sure the charge indicator lights begin to blink green. A full charge will take a few hours but you will be able to use the battery with a partial charge by the time you are done setting up your bike.



Please note: It is also possible to charge the battery while it is installed on the bike, but for the initial assembly you will need the extra room.

Also note that the battery will not supply power while it is charging.

14 - Install the KickBack 3

Remove the KickBack3 packaging and locate the included hardware kit consisting of two U-bolts, a rectangular mounting plate, four M6 washers & nuts, and an M5 set-screw.



15

Under your bike find the kickstand mounting shelf and the threaded set-screw hole.



16

Rest the back of the kickstand mounting plate on the mounting shelf and use a 3 mm Allen wrench to thread the M5 set screw in order to hold the kickstand in place.



17

Install the first U-bolt on the drive side of the bike. Fit an M6 washer and nut onto the forward threads, until just finger-tight.

Place another washer and nut on the other end of the U-bolt, and secure both nuts with a 10 mm socket tool, being mindful to tighten each end of the U-bolt evenly.



18

Place the second U-Bolt on the non-drive side and position the small mounting mounting plate in place on the forward threads. Secure it with an M6 washer and nut.

Secure the other end of the U-bolt with the remaining M6 washer and nut.



19

Go back to all four nuts and tighten everything with the 10 mm socket tool.



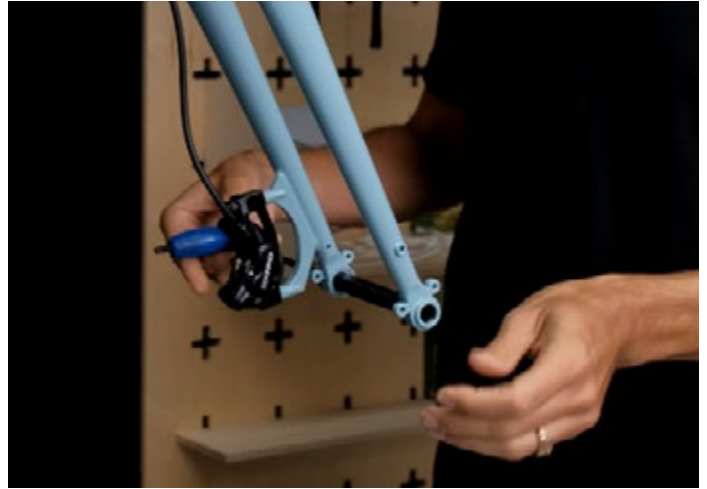
20 - Install the front fender & wheel

Carefully lift the front of the bike and deploy the kickstand.



21

Remove the packaging around the fork and fender. Remove the thru-axel with a 6 mm Allen wrench.



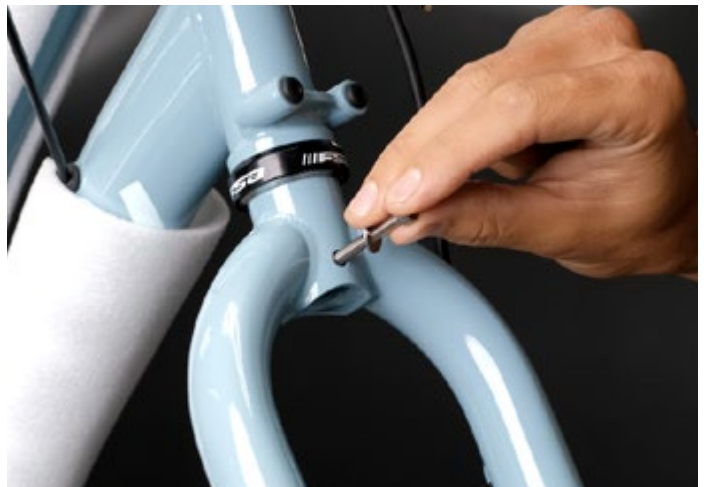
22

From the small-parts box, locate the fender mount L-bracket, M6 x 50 mm bolt, two M6 washers, M6 nyloc nut and two M5 bolts.



23

Insert the M6 x 50 mm bolt and one M6 washer in the upper fork hole.



24

Bring the front fender into position by hanging the mounting tab from the M6 x 50 mm bolt and holding it in place with the L-bracket, M6 washer & M6 nyloc nut. You will tighten this in a moment.



25

Use a 4 mm Allen wrench to attach the outer support arms of the fender to the lower fork-mounting points with the two M5 bolts.



26

Remove the packaging from the front wheel.



27

Remove the disc brake-pad spacer.



28

Rotate your front wheel into position. Be mindful to seat the disc brake rotor neatly between the brake pads.



29

Re-insert your thru-axel, and tighten with a 6 mm Allen wrench.



30

Returning to the fender, tighten the upper bolt with a 4 mm Allen wrench and an 8 mm socket tool.



31 - Mount the front light

The fender-mounted headlight is secured with an M6 nut, M6 bolt, flat washer and spider washer.

Slide the nut into the slot on the front of the mounting arm of the headlight.



32

Place the flat washer over the M6 bolt and insert the bolt through the light mounting tab on the fender.

Then place the spider washer on the bolt.



33

Use a 5 mm Allen wrench to thread the bolt into the nut through the light mounting arm.



34

Connect the fender headlight leads by matching black to black and red to black-with-gray stripe.



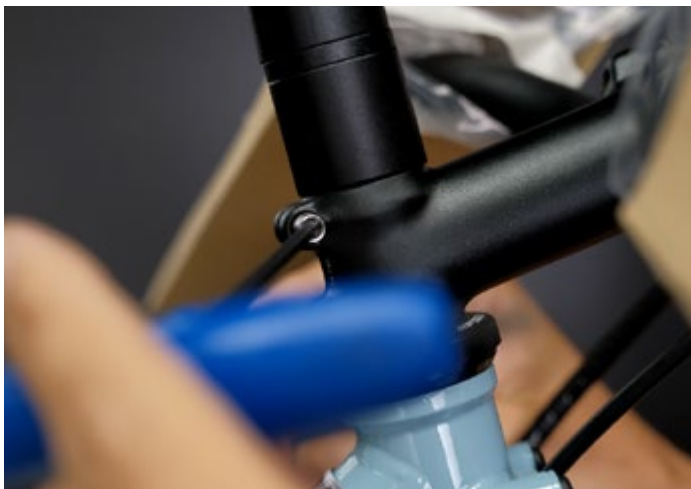
35

Connect the leads at the top of the fork by matching black to black and red to red.



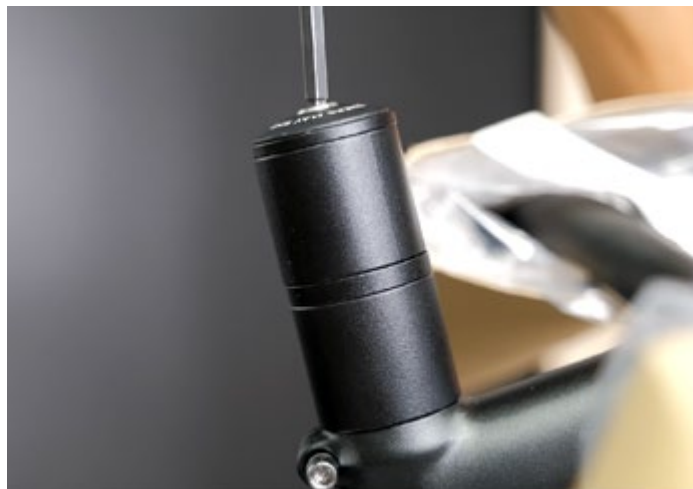
36 - Set up the handlebars

Use a 4 mm Allen wrench to loosen the two bolts holding your handlebar stem in place.



37

Remove the rubber plug on your top-cap and use a 5 mm Allen wrench to remove the bolt and top-cap.



38

Remove the spacers and the handlebar stem.



39

Restack the four spacers and stem so the stem is in the top position.



40

Replace the top-cap and bolt and tighten with the 5 mm Allen wrench.

Replace the rubber plug.



41

Align your handlebars with your front wheel and re-tighten the two stem bolts.



42

Use a 4 mm Allen wrench to loosen the faceplate on the front of the stem, and center the positioning target. Then retighten the faceplate.



43

Use a 3 mm Allen wrench to loosen the paddle grips. Reposition them so they are level with the ground. Then retighten them.



44 - Install the pedals

Apply a small amount of grease to the threads on each pedal, marked Left and Right.



45

With the right pedal, start threading the pedal bolt into the crank arm. Once initially threaded you can backpedal while holding the pedal bolt in place.

The left pedal has a reverse thread so you will need to turn the pedal bolt counter clockwise to tighten it.

Use a 15 mm pedal wrench to tighten the pedals.



46 - Install the seat

Apply a modest amount of grease to the inside of the seat tube.



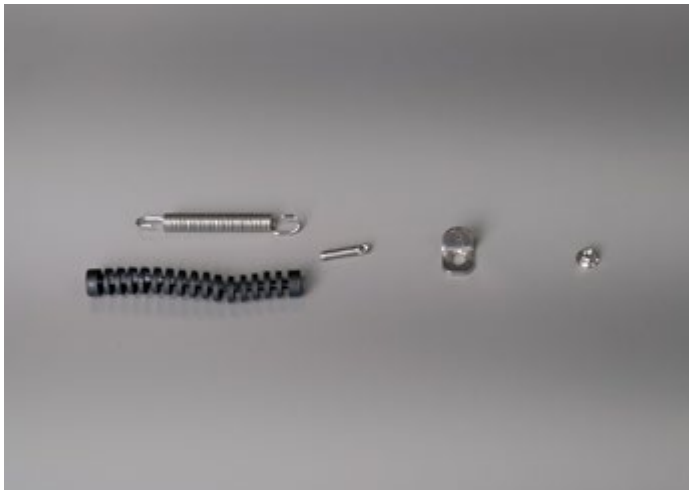
47

Lower your seatpost into your desired position and tighten the collar with a 5 mm Allen wrench.



48 - Install the Stabilizer Spring

Locate the following hardware in the small parts box: eyebolt, flange nut, Stabilizer Spring, and spring sleeve.



49

Fully thread the eye-bolt through the flange nut.



50

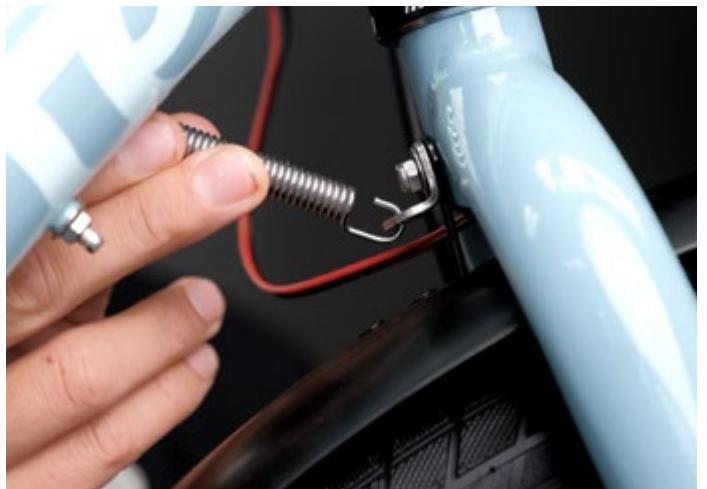
Thread the bolt through the threaded boss on the downtube.

Tighten with a 8 mm wrench, adjusting the eye bolt so it is aligned perpendicular to the bike.



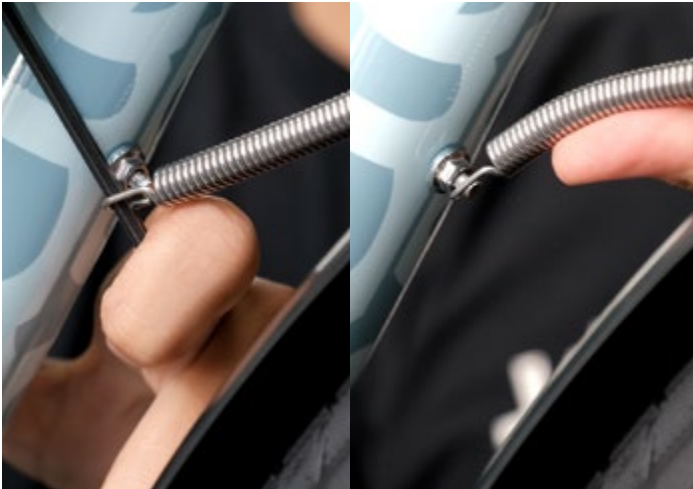
51

Hook the Stabilizer Spring to the L-bracket on the fork.



52

Use an Allen wrench or screwdriver to pull the other end through the eye-bolt. Push up on the spring to fully seat the StabilizerSpring.



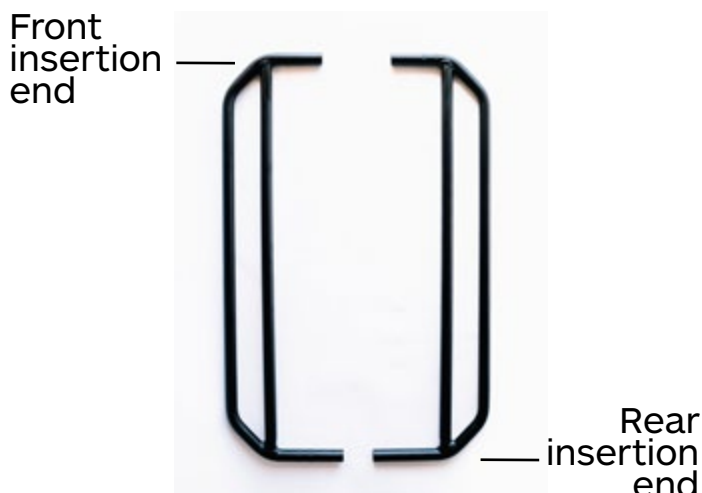
53

Slide the spring sleeve over the StabilizerSpring.



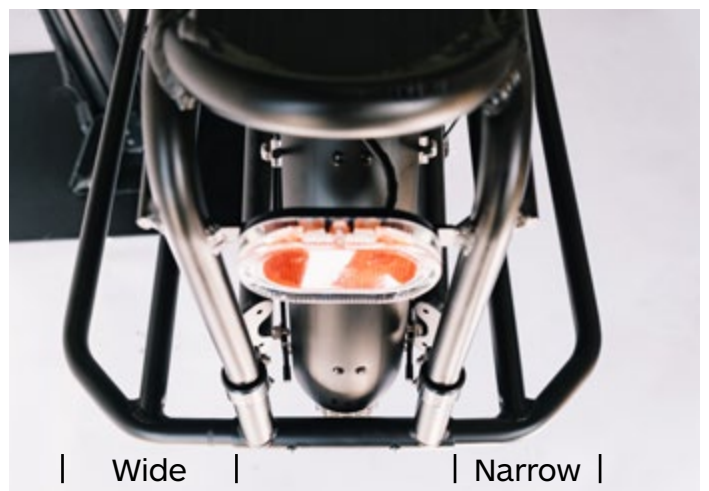
54 - Install the U-Tubes

Before installing the U-Tubes, please note that the rear insertion end on each U-Tube is slightly longer than the insertion end on the front end of the U-Tube.



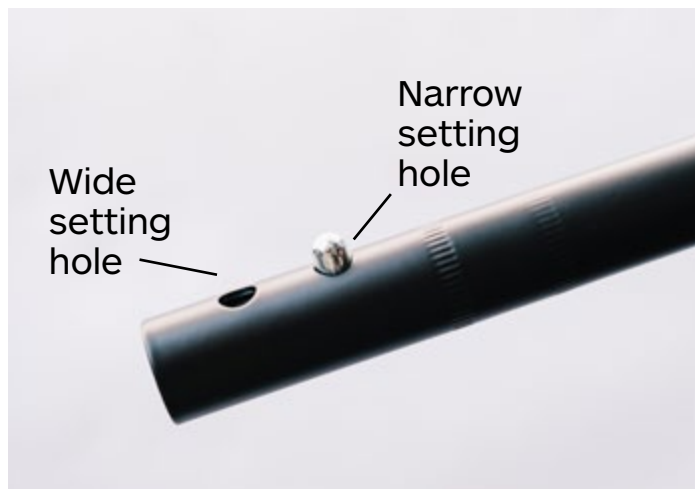
55

Determine if you would like to have the U-tubes installed in the wide setting (shown on the left side of the bike pictured below) or the narrow setting (shown on the right side). In the wide setting, the U-tubes will extend 6" out from the frame. In the narrow setting, they will extend 5.25" out from the frame.



If you would like to switch the width setting on your U-Tubes to narrow or wide:

Press the spring pin button in and push or pull the spring pin elbow on the inside of the U-Tube until the button pops through the width setting hole you desire. Needlenose pliers might be needed to help with this.



56

The U-tubes should easily slide into the mounting holes. But it is possible an adjustment will be needed if the fit the alignment is not perfect. If no adjustment is needed skip to step 60.



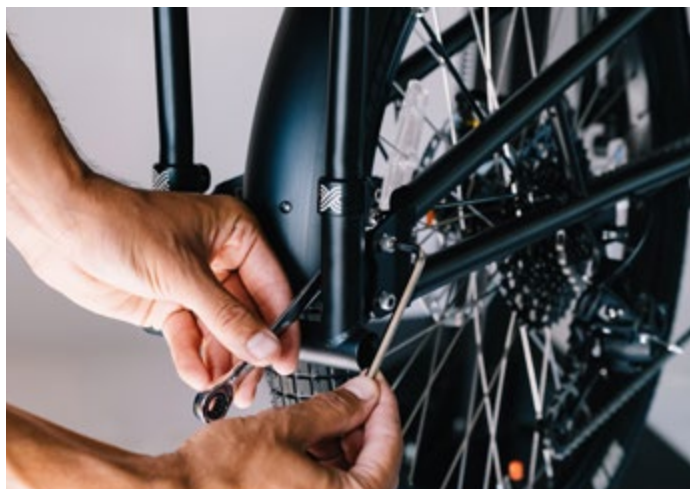
57

If your U-tubes do not seem to easily slide into the frame, you will need to loosen the tailpiece on the back end of the bike in order to acquire additional tolerance. This is the tail piece.



58

Four bolts secure the tailpiece in place. Loosen these four bolts using a 10 mm wrench and a 5 mm Allen wrench.



59

Push or pull the tailpiece into a place to where you can easily insert the U-tube.

Do not tighten the tailpiece yet.



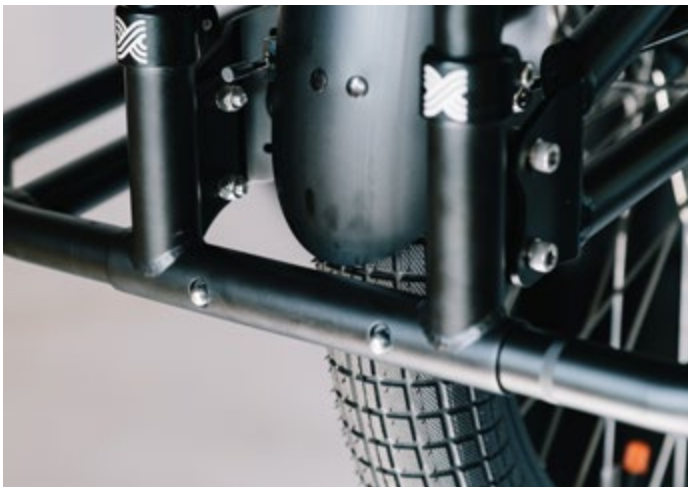
60

Insert the U-tube into the frame, pushing in on the spring pin button so that the button slides into the frame as well. Insert the U-tube far enough for the spring pin to pop out into the hole on the bike frame. (Optional: You can apply grease to the portion of the U-tube being inserted.)



61

Insert the remaining U-Tube on the other side of the frame.



62

If you loosened the tailpiece to install the U-tubes, tighten the tailpiece into place.



63 - Complete the assembly

Tie down the two hook & loop straps on the bottom of the FreeLoader Too bags to the bike frame.



64

Wrap the cable-protecting covers over the headlight wires.



65

Use the Shimano lead-connector tool from the small parts box to insert the display cable into the small port under the display. You should feel a securing click when the connection is made.



66

Replace your battery by rotating it back into place from the front of the bike until it clicks into place.



67 - Complete the assembly

Congratulations, your Swoop assembly is complete and you are now ready to ride!

Looking to install additional accessories?

Please refer to the following page on the Xtracycle website for links to additional installation manuals:

<https://www.xtracycle.com/product-manuals>



