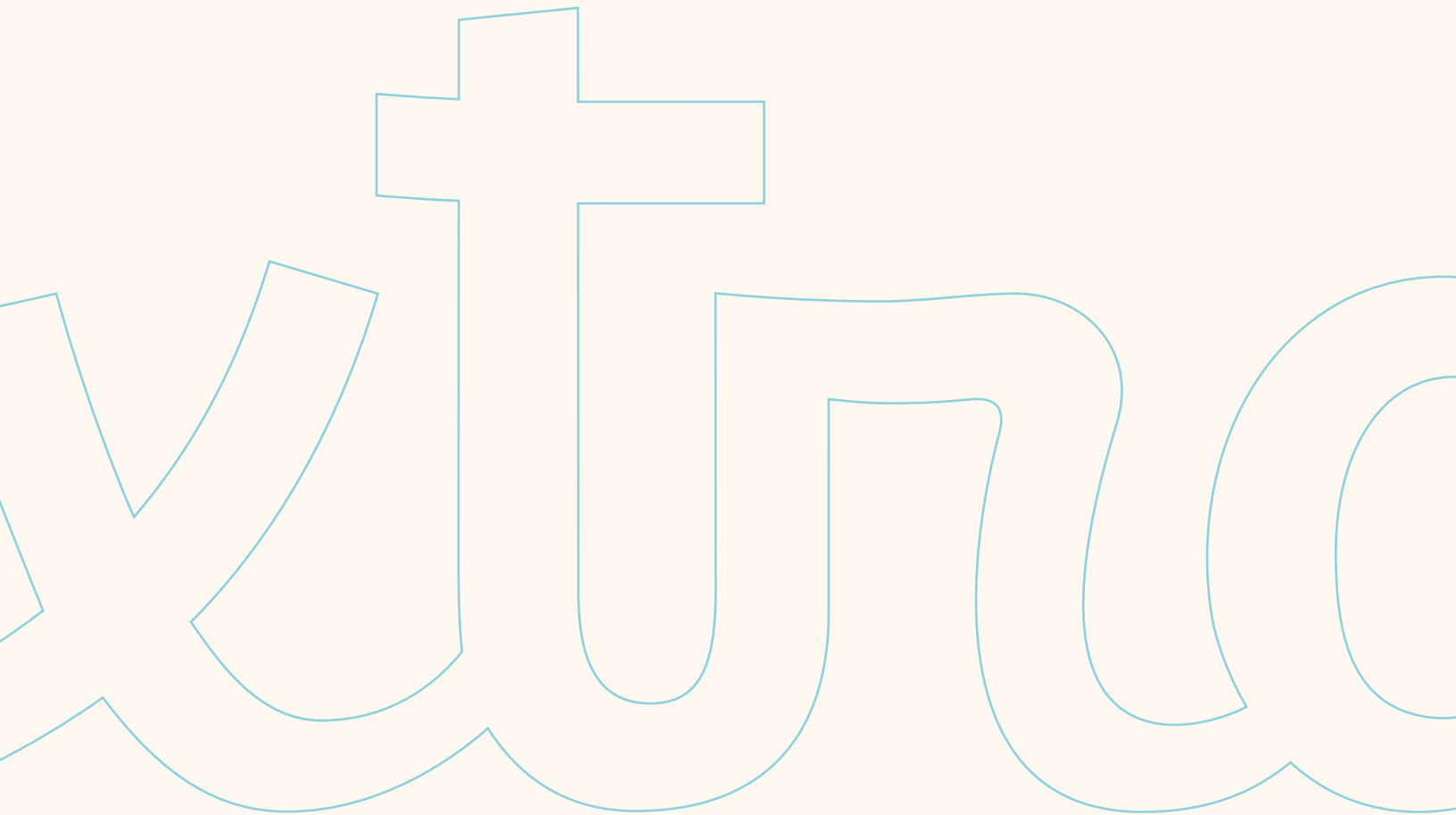


*xtracycle*

HOPPER ASSEMBLY MANUAL



## Tools needed:

3 mm Allen wrench (included)

4 mm Allen wrench (included)

5 mm Allen wrench (included)

6 mm Allen wrench (included)

T-25 Torx key (included)

10 mm wrench (included)

15 mm wrench (included)

Utility knife or clippers

Bicycle grease



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



Record the bike serial number found the outside of the box and keep it for your own records.



Cut away the plastic strappings on the exterior of the box.





Remove the 12 plastic clips on the exterior of the box by pinching the two inside tabs and pulling back.



The box is dual-layered, consisting of an outer lid and an inner sleeve.

Slide the outer lid up and over the inner sleeve. Turn the lid over and set it aside to help catch additional packing material.



Open the inner sleeve and remove the packages containing your accessories, labeled 1 through 6.





Remove the inner cardboard sleeve to reveal your new bike!



Cut the ties securing the front wheel and fender and set them aside



Remove the small parts box from underneath the front of the bike.





Inside the small parts box you will find the charger, pedals, manuals for your bicycle, and the tools you'll need for assembly.

Take the time to read through the manual before assembling and riding your bike.



# Install the Handlebars

13

Remove any remaining packing material from the front of the bike and release the handlebars.





# Install the Handlebars

14

Using a 4 mm hex key, remove the stem faceplate.



# Install the Handlebars

15

Untwist the handlebars to ensure the cables have free range of movement.

Position the handlebars with a slight lean back to your liking, then reinstall the faceplate and tighten the bolts in a cross pattern with the 4 mm hex key.



# Install the Kickstand

16

With a friend helping to hold the bike, lift the bike out of the box tray and tilt it back to install the kickstand, located in package 4.



# Install the Kickstand

17

Use a 4 mm hex key to secure the kickstand center bolt to the bike frame.





# Install the Kickstand

18

Install one U-bolt over the frame of the bike and through the kickstand plate. By hand, loosely thread each end with a washer and 10 mm nyloc nut. Then fasten each nut securely with the 10 mm wrench.

Repeat for the other U-bolt.





Place the bike back on the ground, resting on the fork.

Continue to have your friend help stabilize the bike until the front fender and wheel are installed.



# Install the Front Fender

20

Remove the three T25 bolts from the fork with the star-headed Torx key.



# Install the Front Fender

21

Position the fender and loosely fasten the fender mounting tab to the front fork crossbar with one of the T25 bolts.





# Install the Front Fender

22

Attach the strut arms with the two remaining T25 bolts.

Tighten all three bolts once the fender is correctly positioned.



# Install the Front Wheel

23

Remove the through axle from the fork with a 6 mm hex key.





# Install the Front Wheel

24

Remove the brake caliper pad spacer.

**Note:** Do not squeeze the brake lever while the wheel is not installed and when there is no spacer in place.



# Install the Front Wheel

25

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



# Install the Front Wheel

26

Re-insert the thru-axel, and tighten with a 6 mm hex key.



# Deploy the Kickstand

27

With the front wheel installed you may deploy the kickstand.

Use your foot to lower the kickstand leg to the ground, then roll the bike back until the kickstand locks into place beneath the bike.





# Install the Pedals

28

Apply a small amount of bike grease to the threads on each pedal, marked "L" (non-drive side) and "R" (drive side).





With the right pedal, start threading the pedal spindle bolt into the crank arm. Firmly hold the pedal and use a 15 mm wrench to tighten the spindle bolt until the wrench leaves an impression on the palm of your hand.

The left pedal has a reverse thread and secured by turning counter clockwise. Tighten with the 15 mm wrench.



# Install the PorterRack

30

Locate the PorterRack and the included bolts with spacers in package 6.



# Install the PorterRack

31

Insert the two lower bolts through the front of the PorterRack and place a spacer on each. Loosely thread the two bolts to the two lower mounting posts by hand. Ensure that the brake cable is running between the bolts.

Repeat the process for the two top bolts.

Secure each bolt with a 5 mm hex key.



# Install the Footrails

32

Locate the footrails and mounting hardware in package 3.

Starting on one side of the bike, insert two threaded sleeve nuts into the front holes on the chainstay.





# Install the Footrails

33

Align the footrail with the sleeve nuts, and securely thread each bolt with a 3 mm hex key.



# Install the Footrails

34

On the rear footstay, fit the thru-bolt with a washer on each side. Tighten with a 4 mm hex key and 10 mm wrench.



# Install the Hooptie Carrier

35

Locate the Hooptie brackets in packages 1 and 2.

Note the difference between the two brackets. The outwardly angled bracket mounts in the rear, and the inwardly facing bracket mounts in the front.



# Install the Hooptie Carrier

36

Starting in the rear, place the bracket on the square tubing brace underneath the rear deck and align the bolt holes. Loosely thread the Hooptie bracket bolts with a 5 mm hex key.

Repeat for the front bracket.

**Note:** It may be necessary to rotate the seat and loosen the side WheelSkirt nets for easier access to the front bracket.





# Install the Hooptie Carrier

37

Locate the two Hooptie side rails from package 5.

Starting with one side, insert the Hooptie rail into the bracket ports, aligning the knurling with the outer edges of the openings. Check that the bolt holes on the rails line up with the threaded bases on the exterior of brackets.

**Note:** There are two width settings for Hooptie rails, indicated by the inner and outer knurling marks. The wider position is necessary to fit a rack-mounted child seat, while the narrower position may be preferable for keeping older children more snug.



# Install the Hooptie Carrier

38

Insert a locking split washer onto each Hooptie rail bolt, and thread into the Hooptie bracket bosses. Tighten with a 4 mm hex key.



# Install the Hooptie Carrier

39

With the Hooptie rails securely installed, fully tighten the underside bolts on both the front and rear brackets.



# Adjusting Your Seat

40

The Hopper features a telescoping seatpost to better accommodate sharing between multiple riders.

With the upper clamp closed, loosen the lower quick release clamp and adjust the outer seatpost sleeve to the general height that will work best for the primary rider, then close the lower clamp.

Loosen the upper seatpost clamp to adjust the seat height between the primary rider and anyone else riding the bike.





# Adjusting Your Seat

The bike saddle (seat) is mounted on a suspension-dropper seatpost with 100 mm of travel. This can be used as a fine adjustment for your seat height, or to quickly raise or lower your seat as you pull up to a stop and get riding again.

Release the dropper mechanism by depressing the lever located beneath the saddle. Letting go of the lever will lock the saddle at that position.



The Hopper power button is located on the handlebar-mounted controller. The (+/-) buttons adjust the pedal assist level from 0-5.

Holding the (+) button will turn the front & rear lights on or off.

The thumb throttle is located next to the controller and features a safety delay of 2 seconds to prevent accidental acceleration. When not using the bike, set the pedal assist to 0 or fully power off the bike to prevent accidental acceleration.

See the Operating Manual for detailed operating instructions.



Make sure all bolts are fully tightened.

Your Hopper is now fully assembled!

**Note:** We recommend having your bike looked over by a professional mechanic before riding.



# Additional Guides

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## Looking to additional install support guides?

Find operating manuals and accessory installation guides at [www.xtracycle.com/product-manuals](http://www.xtracycle.com/product-manuals)



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