

# Full-Suspension E Bike

Quick Start Guide



Applies to: Habit Neo, Moterra Neo,  
Cujo Neo 130

**cannondale**

## Welcome to the Cannondale family.

First up, thank you for buying a new Cannondale bike – we’re excited to have you on board and to get you out riding as soon as possible. Our new assembly process is easy-to-follow – using methods outlined in this guide to assemble your new Cannondale at home, plus it’s even easier to do so with a friend. Our guide will take you through the simple steps from start to finish – you can also follow along with a how-to video, as you build your bike, just visit: **[ridersupport@cannondale.com](mailto:ridersupport@cannondale.com)**

If you still have any questions, then our Cannondale rider support staff are ready to help you. Feel free to give us a call at **1-800-245-3872 (BIKE USA)**.

Also, when your new bike is all assembled and ready to ride, we’d love to check it out – please don’t forget to tag **#ridecannondale** in your social media. Enjoy the ride!



## WARNING

This is a Quick Start Guide, not an Owner’s manual.

Bicycling is an active sport with inherent risk. A wide range of injuries are possible. Due to the nature of bicycle riding, the situations you encounter while riding, you will be exposed to the risk of serious injury, paralysis or death. This risk cannot be eliminated. You can minimize the risk in many ways. Begin by reading the complete Charge Bicycle Owner’s manual accompanying this bike and available online at [www.chargebikes.com](http://www.chargebikes.com), particularly section “IMPORTANT SAFETY INFORMATION”.

## The 4 major steps to setting up our ride.



**1.**  
Install your  
handlebars

**2.**  
Install your  
front wheel

**3.**  
Install your  
pedals



## Getting your bike ready for assembly.

This video applies to three Cannondale Platforms:

- Habit Neo, Moterra Neo, Cujo Neo 130

## Let's get your bike out of the box.

- A. Use a flat head screwdriver to carefully open the upper flap of the box.
- B. Prior to assembling your bike, review the pre-ride checklist and Assembly Instruction Guide. Confirm that a builder has completed the checklist.
- C. Carefully lift the bike out of the box and set it onto the top of the box.
- D. Remove the front wheel from the bike by carefully removing the zip ties or Velcro, then remove all packaging from the wheel and set it aside.
- E. Remove all additional packaging from the bike.



### Tools Needed:

- Flat-Head Screwdriver
- Phillips-Head Screwdriver
- Box Cutter
- Scissors

### Tools Included:

- Torque Wrench
- Allen Keys
- Pedal Wrench



Gently lift your bike out of the box and set it on top of the box. Make sure the attached wheel is facing upwards

## Let's get your bike out of the box.

- F.** Carefully lift and rotate the bike, lowering it gently back into the box with the fork overhanging the side of the box. Let the handlebar gently hang from the frame.
- G.** Inside the small box, you'll find tools necessary for assembly, including a 15mm pedal wrench, torque wrench and hex wrenches specific to the bolts on your bike.
- H.** Once the bike is assembled, but before you ride, please read the owner's manual.
- I.** Locate and remove the warranty card and set it aside with the owner's manual.

**IMPORTANT: Do not turn your e-bike on during the assembly process.**



Lift the entire bike up off the box and set the rear end into the standing box.

The front fork should rest over the edge of the box.

## Step 1. Install your handlebars.

- A.** Using the included hex wrench, loosen and remove the bolts and faceplate from the stem. The stem connects the handlebar to the fork. Set the bolts and faceplate aside together, so you don't lose anything.
- B.** Place the handlebar into the stem and verify the brake hoses and shift cables wrap around the frame cleanly, without visible kinks in the lines.
- C.** Loosely reattach the faceplate to the stem. Take care to not tighten one bolt more than another. Your goal is a consistent gap between the stem and faceplate.
- D.** Center the handlebar in the stem using the markings on the bar, then roll it back into a comfortable position.
- E.** Hand-tighten the stem bolts using the Allen key, ensuring there's an even gap between the stem body and faceplate at both the top and bottom of the stem. You will fully tighten these later.



## Step 2. Install your front wheel.

- A. Unthread the thru-axle from the fork and place it on a clean surface.
- B. Remove the front brake pad spacer from the brake caliper. Take care not to pull the front brake lever when either the pad spacer or a brake rotor is in-between the brake pads.
- C. Carefully lift the bike out of the box and lower the fork gently onto the ground.
- D. Remove the e-bike charger from the larger bicycle box and set it aside. We'll get back to it later.



## Step 2. Install your front wheel.

- E.** When installing the front wheel, ensure the brake rotor is on the same side as the brake caliper on the fork.
- F.** Lift the front of the bike and roll the front wheel backward into the fork dropouts, making sure the rotor goes in-between the brake pads.
- G.** Insert the thru-axle from the right/drivetrain side of the bike and tighten with a 6mm hex wrench. The wrench should leave a mark on your hand.
- H.** Remove any additional packaging from the rear of the bike.





### Step 3. Install your pedals.

- A.** Pedals are left- and right-specific. Locate the left and right markings on the pedals prior to installation.
- B.** Insert the right pedal (marked with R) into the right/drive side crank arm and tighten with your fingers. Repeat with the left pedal (with an L on it). Please note: Both pedals tighten in the direction of the front wheel.
- C.** Use the provided pedal wrench to tighten both pedals down very firmly.



## Some final pre-ride checks.

- A.** To remove the battery cover packaging, support the battery cover, then turn the battery cover latch counterclockwise. Pull back the packaging on the battery cover.
- B.** Once the packaging is removed, reinstall the battery cover by turning the latch clockwise
- C. Torque Bolts.** Select the correct bit for the stem bolts and install it into the torque wrench.
- D.** Look for the torque specification markings on the front and back of the stem, as well as the seatpost. If these markings are absent, torque all stem, seatpost and seat collar bolts to 7 Nm.
- E.** Tighten the stem bolts in an 'X' pattern and ensure the gap is even between the stem and faceplate at all four bolts.



## Some final pre-ride checks.

- F. Seat Height.** Raise the dropper post using the lever on the left side of the handlebar.
- G.** Adjust seat height by loosening the seatpost collar with a hex wrench. Standing next to the bike, position the saddle so it's the same height as your hip.
- H.** Align the saddle with the frame and tighten the seatpost clamp.
- I.** When riding, you should have a slight bend in your knee when the pedal is at the bottom of its rotation.
- J.** Once you have established a comfortable seat height, use the torque wrench to tighten the seat collar to the proper torque specification. Do not exceed the recommended torque values.
- K. Reflectors.** Ensure the front reflector points straight ahead, perpendicular to the ground. The rear reflector must point straight back. Tighten both reflectors with a screwdriver.
- L.** Gently pull the wheel reflectors toward the rim to ensure they are braced by the spokes.



## Some final pre-ride checks.

- M. Twist Check.** Secure the front wheel between your legs and turn the handlebar. If the handlebar and wheel move independently, the stem bolts are not tight enough. Use the torque wrench and correct bit to properly torque the bolts.
- N.** Attempt to rotate the handlebar forward and backward in the stem. If it moves, the stem faceplate bolts are not tight enough. Use the torque wrench and correct bit to torque the faceplate bolts to specification, using the same “X” pattern as before.
- O.** Grab the front and rear of the seat and attempt to tilt it on the seat post head. It should not move.
- P. Brake Check.** Confirm the front and rear brakes engage when the levers are squeezed. The brake lever and handlebar should not come into contact with the brakes fully engaged.
- Q. Tire Inflation.** Inflate the tires to the manufacturer’s recommended tire pressure, marked on the tire sidewall.
- R. Wheel Engagement.** Using the 6mm hex wrench, verify the front wheel is securely attached. The wrench should leave a mark on your hand.
- S. Suspension.** Read the suspension manuals for tips to set up your bike’s suspension to optimize the ride.





## Some final pre-ride checks.

- T. Charging.** Unbox the e-bike charger and remove any packaging from the charger itself.
- U** Read the instructions included with the charger, then assemble the charger.
- V.** Locate the charging port and carefully open the port cover.
- W.** Insert the charger into the charge port, keeping in mind the orientation of the charging contacts.
- X.** A charging icon will appear on the handlebar display. This confirms your battery is charging.



**Welcome to the family.**



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