

Mountain Cross Country

Quick Start Guide



Applies to: Scalpel w/ Lefty Ocho

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**

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 Cannondale Bicycle Owner’s manual accompanying this bike and available online at www.cannondale.com, particularly section “IMPORTANT SAFETY INFORMATION”.

The 4 major steps to getting your bike ready to ride.



Getting your bike ready for assembly.

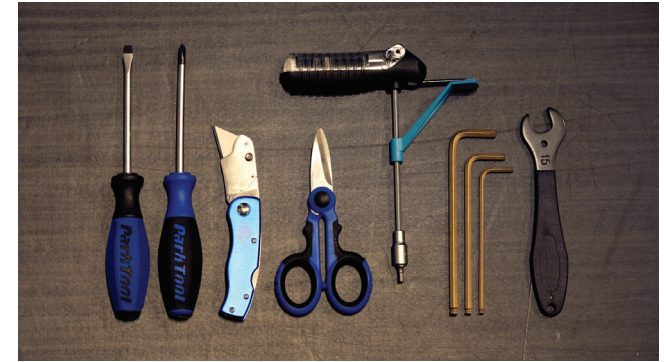
This video applies to one Cannondale Platform:

- Scalpel w/ Lefty Ocho

Let's get your bike out of the box.

- Locate the staples on the top of the box and carefully remove them with a screwdriver. Use caution: the staples are sharp.
- Push the hand flaps from the inside to the outside of the box. This will make removing the bike easier.
- Carefully lift the bike out of the box and set it onto the top of the box.
- Remove the front wheel from the bike by carefully removing the zip ties and/or Velcro, then remove all additional packaging from the wheel and set it aside.
- Remove all additional packaging from the bike and let the handlebar hang gently from the frame.
- Carefully lift and rotate the bike, lowering it gently back into the box with the fork overhanging the box side.

Inside the box, you'll find a smaller box of parts, necessary tools, documentation and manuals. Once the bike is assembled, but before you ride, please read the owner's manual.

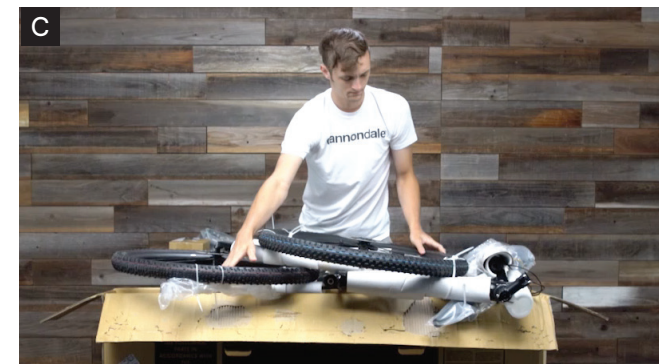


Tools Needed:

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

Tools Included:

- Torque Wrench
- Allen Keys
- Pedal Wrench

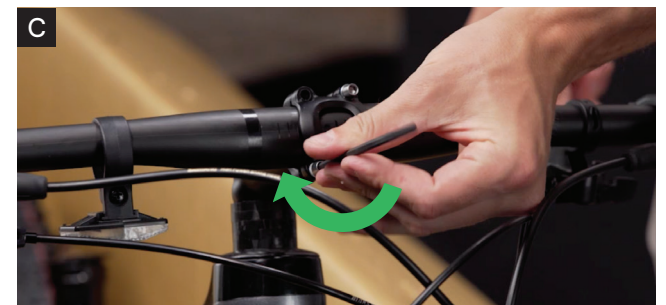


Gently lift your bike out of the box and set it on top of the box. Make sure the attached wheel is facing upwards



Step 1. Install your handlebars.

- A.** Using an Allen wrench, loosen and remove the four 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.** Insert the handlebar into the stem and verify the hoses and cables wrap around the frame cleanly, without kinks to any of 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 from top to bottom.
- D.** Center the handlebar in the stem using the markings on the bar, then roll it back into a comfortable position. Hand-tighten the stem bolts using the Allen key, ensuring there's an even gap between the stem and faceplate. You will fully tighten these later.



Step 2. Install your seatpost.

- A. Apply carbon paste to the inside of the seat tube.
- B. Locate the minimum insertion line on the seatpost. The seatpost needs to be inserted into the frame beyond this line.
- C. Use a hex wrench to hand-tighten the seatpost clamp. It should be tight enough that the seatpost can't be pulled from the frame.



Step 3. Install your front wheel.

- A.** Prior to removing the brake caliper, consult the Stop Lock brake mount instructions included with your Lefty.

Failure to remove the Stop Lock brake mount properly could result in permanent damage to the Lefty fork.

- B.** While holding the release button, insert a 5mm hex wrench into the cam bolt and rotate it 180-degrees counterclockwise, so the white flag is 180-degrees from the lock icon.

- C.** Gently remove the brake mount from the Lefty leg.

- D.** To install the front wheel, gently slide the wheel, rotor first, onto the Lefty axle.



Step 3. Install your front wheel.

- E.** Use a 5mm hex wrench to tighten the Lefty hub bolt firmly onto the Lefty leg. The Lefty bolt should be installed very tightly. Refer to the instructions with your Lefty fork to avoid damage.
- F.** Carefully guide the Stop Lock brake mount back into position on the fork.
- G.** Insert a 5mm hex wrench and turn the cam bolt 180-degrees, until the white flag aligns with the lock icon. You will hear the button click into place.
 - The Stop Lock mount must be locked prior to riding. Failure to do this could result in an accident, serious injury, or even death. Please read the Lefty owner's manual.
- H.** Remove the bicycle from the box and discard the box.
- I.** Remove any additional packaging from the bike.



4. Install your pedals.

- A.** Place a pedal axle washer over the axle threads (if included). Insert the right pedal (marked with R on the body and/or spindle) into the crank and tighten toward the front of the bike with your fingers.
- B.** Repeat with the left pedal (with an L on it).
Note: both pedals will always tighten toward the front of the bike.
- C.** Tighten both pedals down very firmly with the included 15mm pedal wrench, or an 8mm hex wrench (depending on pedals).



Some final pre-ride checks.

- A. Torque Bolts.** Select the correct bit and install it into the torque wrench.
- B.** Look for torque specification markings on the front and back of the stem, as well as the seatpost. If these markings are absent, torque all bolts to 7 Nm.
- C.** Torque the stem faceplate bolts in an “X” pattern, ensuring the gap between the stem body and faceplate is consistent at the top and bottom.
- D. Seat Height.** To adjust seat height, use a hex wrench to loosen the seatpost collar, then raise the saddle so it’s approximately at the height of your hip.
- E.** Align the seat with the frame, then use a hex wrench to tighten the seatpost clamp. Then, use the torque wrench to tighten the bolt to the specified torque value.



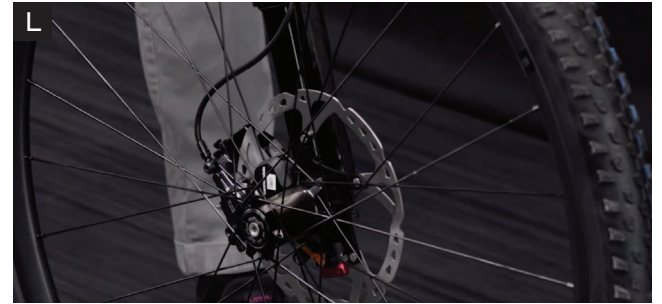
Some final pre-ride checks.

- F.** At the correct seat height, you should have a slight bend in your knee when the pedal is at the lowest position.
- G. Twist Checks.** 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.
- H.** 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.
- I.** Grab the front and back of the seat and attempt to tilt it on the seatpost head. It should not move.
- J. Reflectors.** Ensure the rear reflector is pointing straight back, and the front reflector points straight ahead, perpendicular to the ground. Tighten both reflectors with a screwdriver.



Some final pre-ride checks.

- K.** Gently pull the wheel reflectors toward the rim to ensure they are braced by the spokes.
- L. Brake Check.** Confirm the front and rear brakes engage when the levers are squeezed.
- M.** The brake lever and handlebar should not come into contact with the brakes fully engaged.
- N. Tire Pressure.** Inflate the tires to the manufacturer's recommended tire pressure, marked on the tire sidewall.
- O. Suspension Set-Up.** Review all suspension documentation prior to riding to ensure the setup is correct.



Welcome to the family.



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