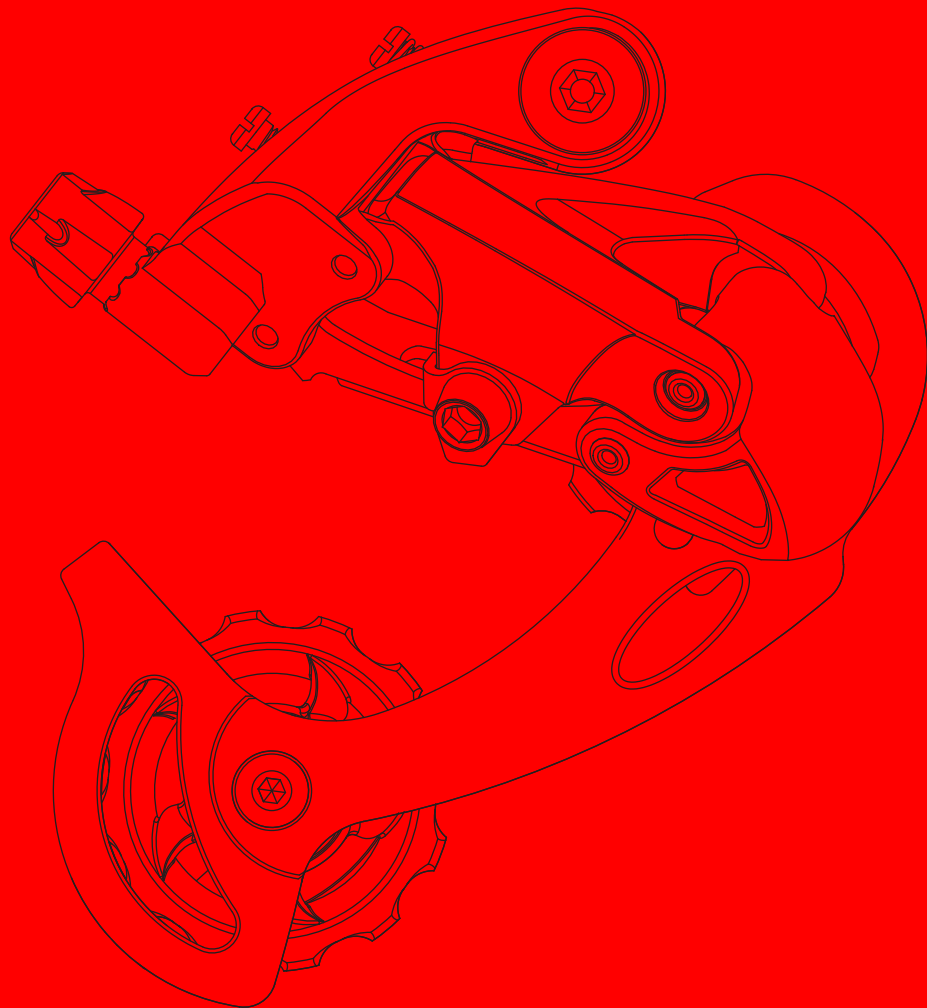


# microSHIFT

## M26, M36, M46 Rear Derailleur Installation



# Important Notice

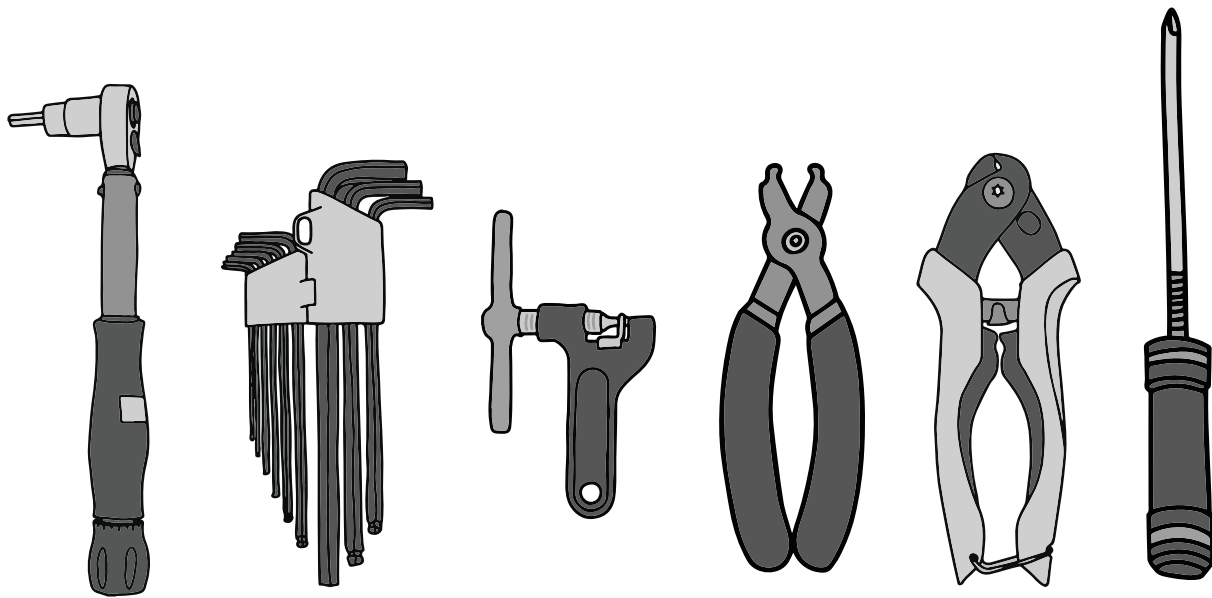


## REMINDER

Before installing the products, please read and understand the installation procedures. Improper installation can lead to premature product failures or even injuries. If you have any questions on how to install, please contact us or consult with a professional bicycle mechanic.

# Tools and Supplies

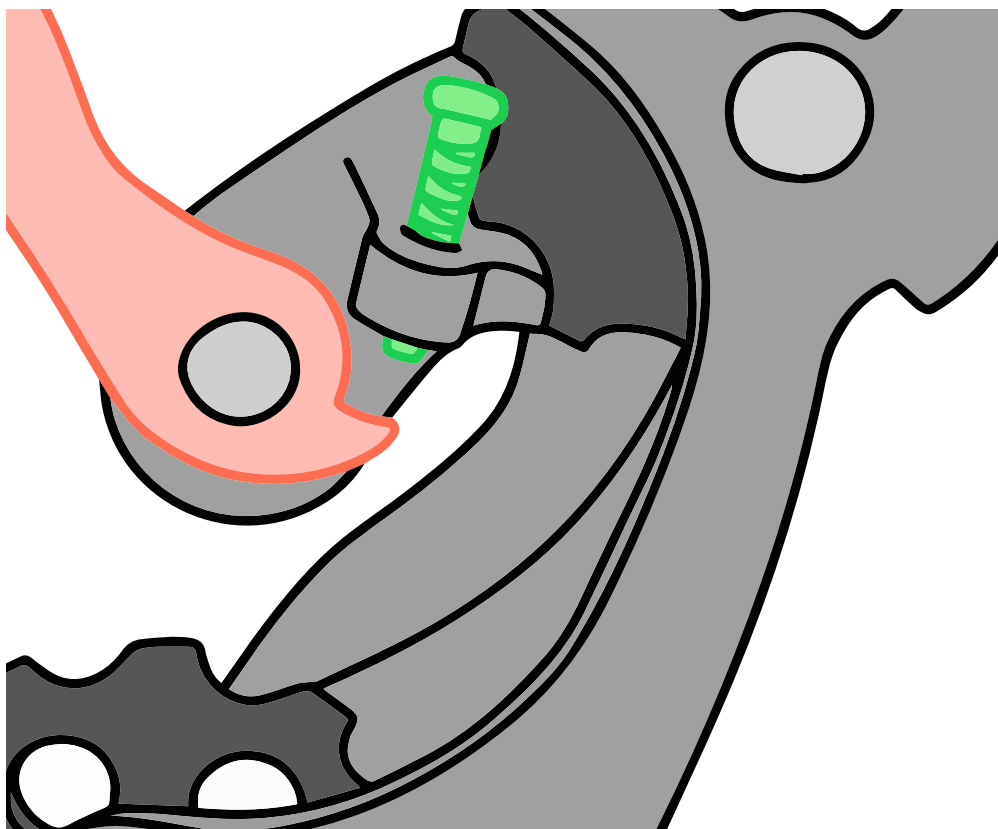
1. Torque Wrench
2. Hex Wrenches
3. 5mm Hex Bit
4. Chain Breaker
5. Cable Cutter
6. Philips Head Screwdriver



# Rear Derailleur Attachment

Part I

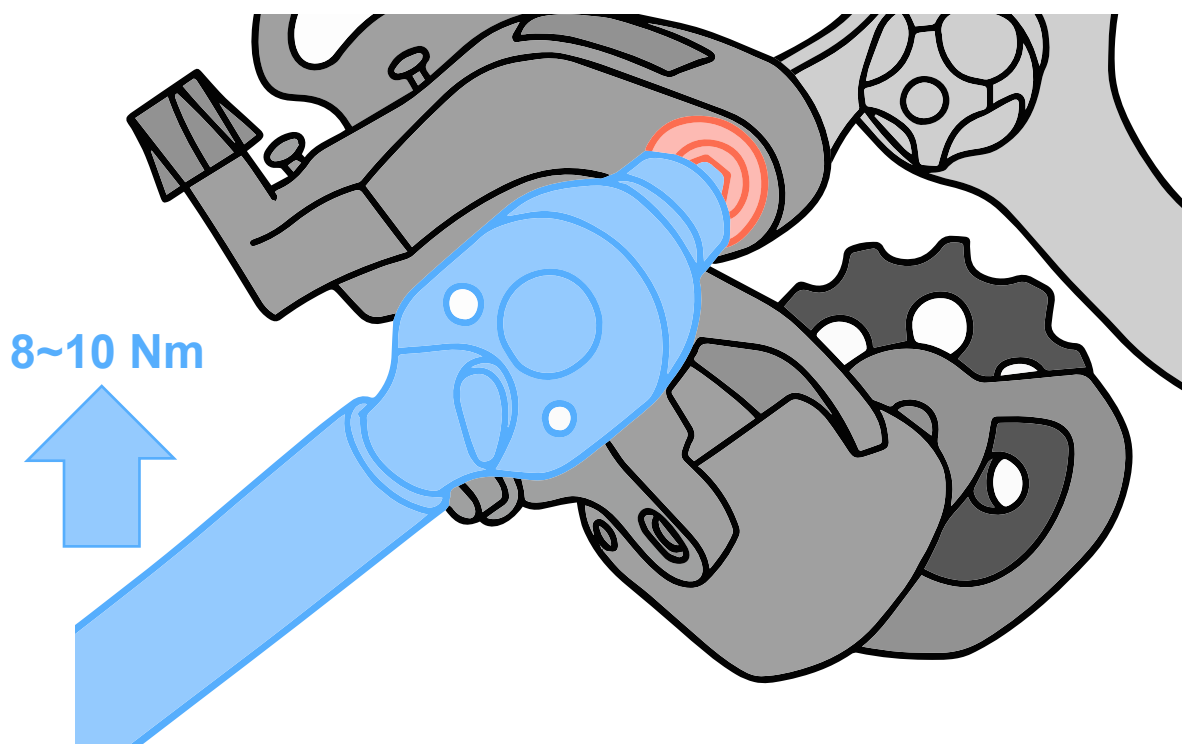
Attach the derailleur to the bike with a 5mm hex wrench. Make sure the **b-tension screw** is above the derailleur dropout and engages directly with the **hanger tab**.



# Rear Derailleur Attachment

Part II

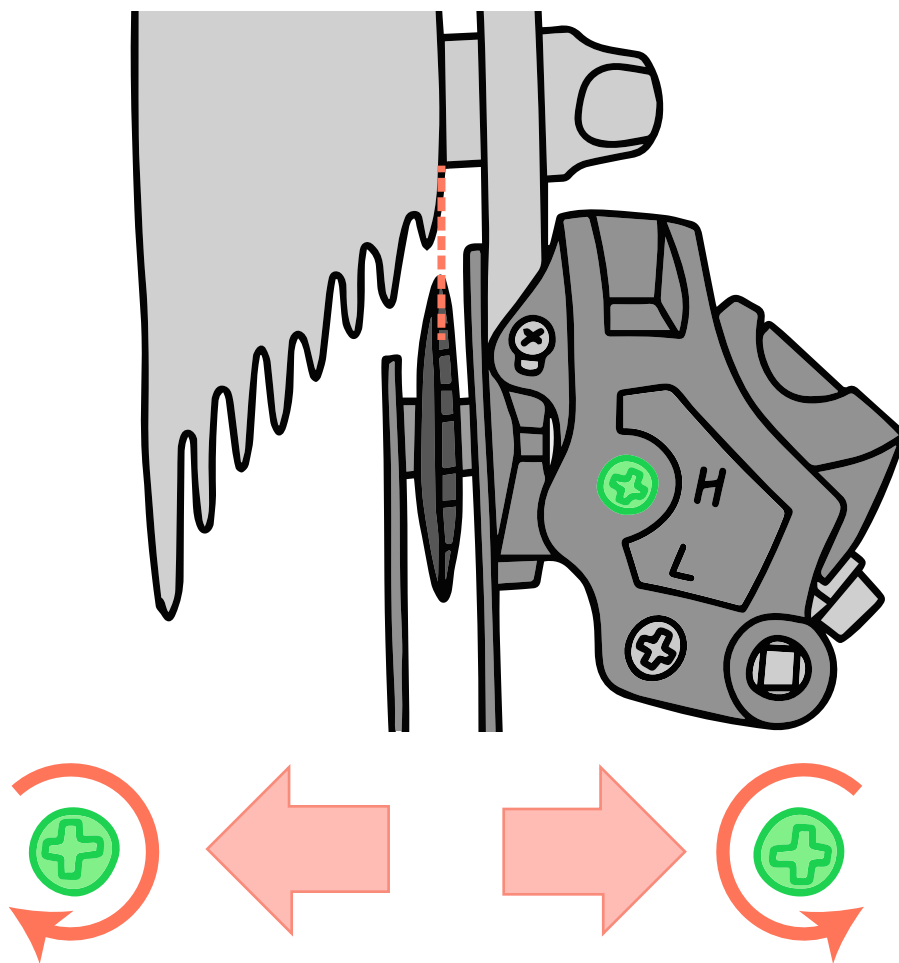
Tighten the **rear derailleur fixing bolt** to 8 – 10Nm with a **5mm hex bit**.  
Check to make sure that the derailleur can rotate freely.



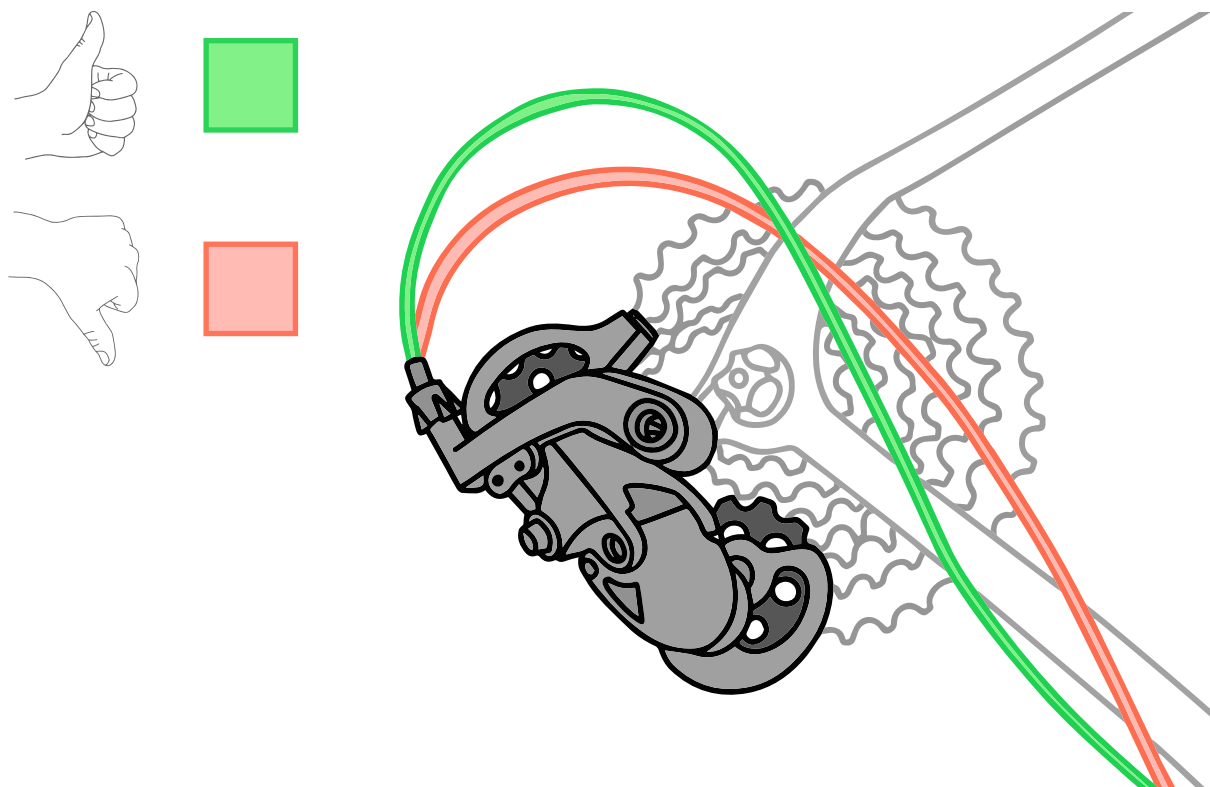
# High Limit Screw Adjustment

Part I

Adjust the **high-limit screw** until the center of the guide pulley aligns with the outer edge of the smallest cog.



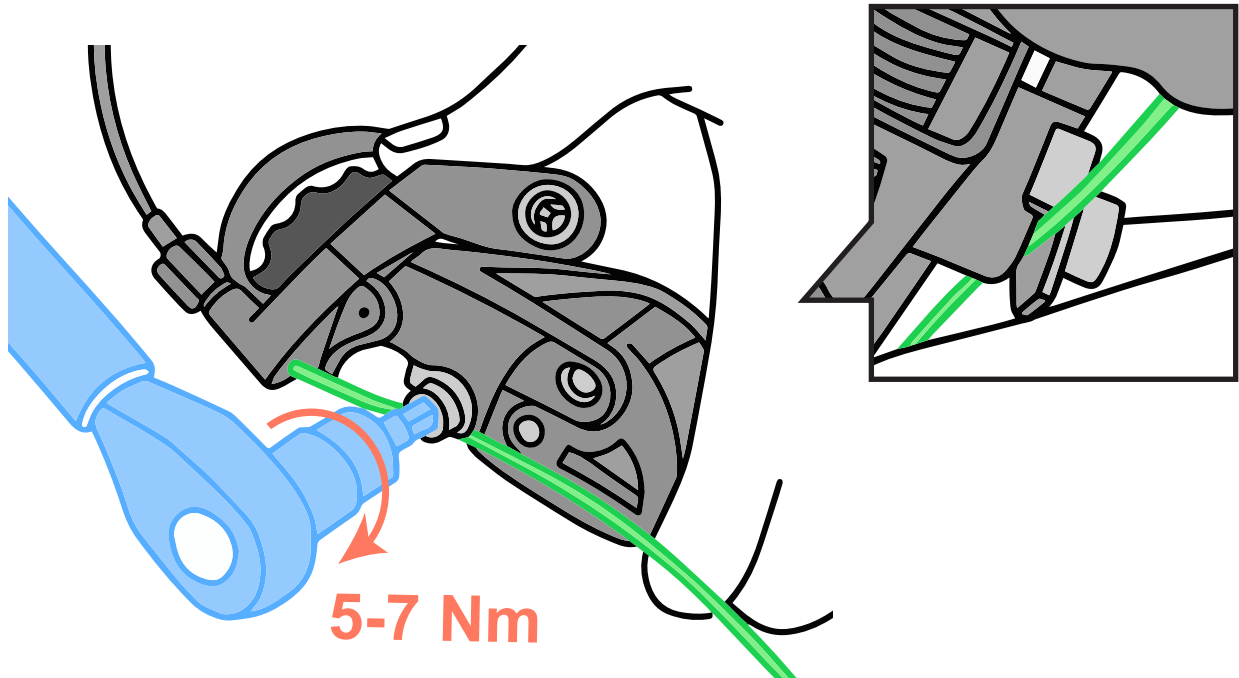
Every frame manufacturer has different cable routing guidelines, so make sure you consult those before cutting the housing. If the housing is too short, it will rotate the derailleur back and forth at the attachment bolt. If the housing is too long, there will be too much friction between the shift cable and housing. You want the housing to go straight into the housing stop with a gentle bend.



# Cable Installation

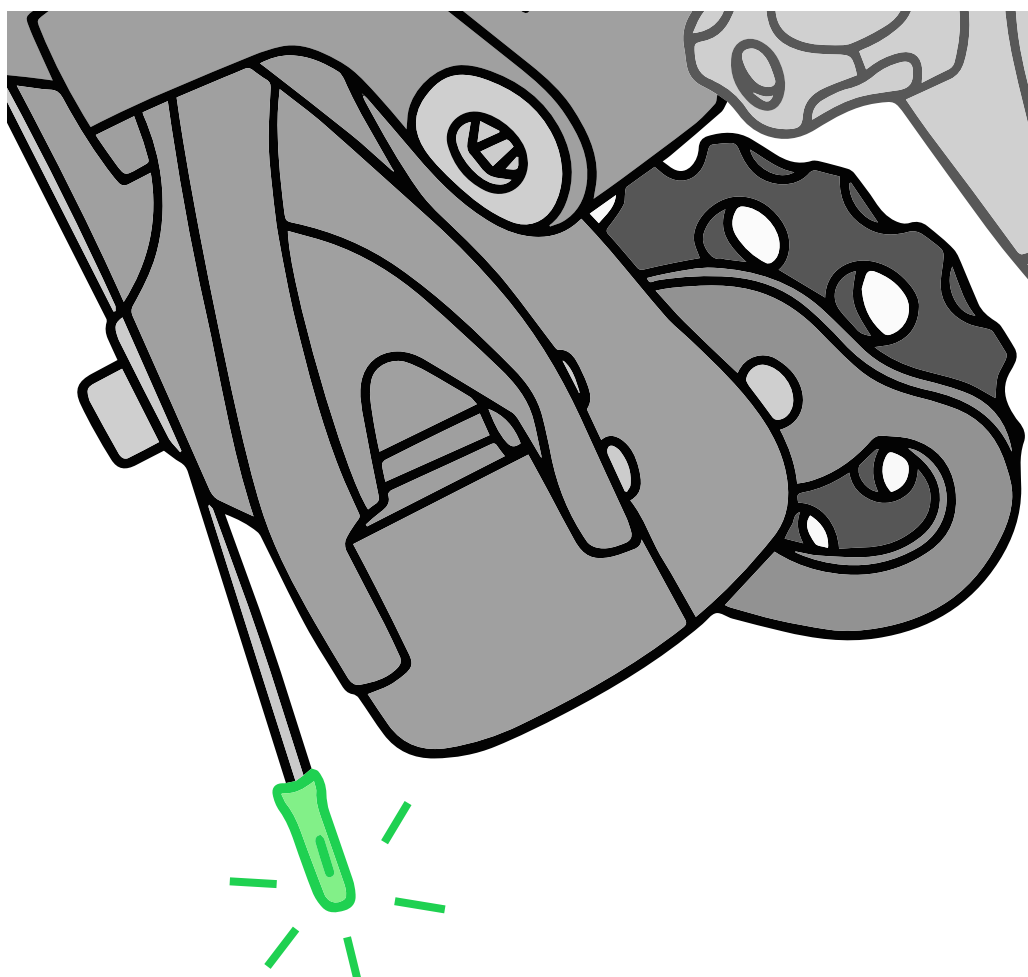
Part II

Put your shifter into the small cog/highest gear position.  
Route the cable through the housing and to the rear derailleur.  
Pull the cable tight to remove slack and secure the cable fixing bolt.  
Route **the cable** underneath the cable fixing bolt and washer. Make sure **the cable** is resting in the groove under the washer.  
Tighten to **5 – 7Nm**.





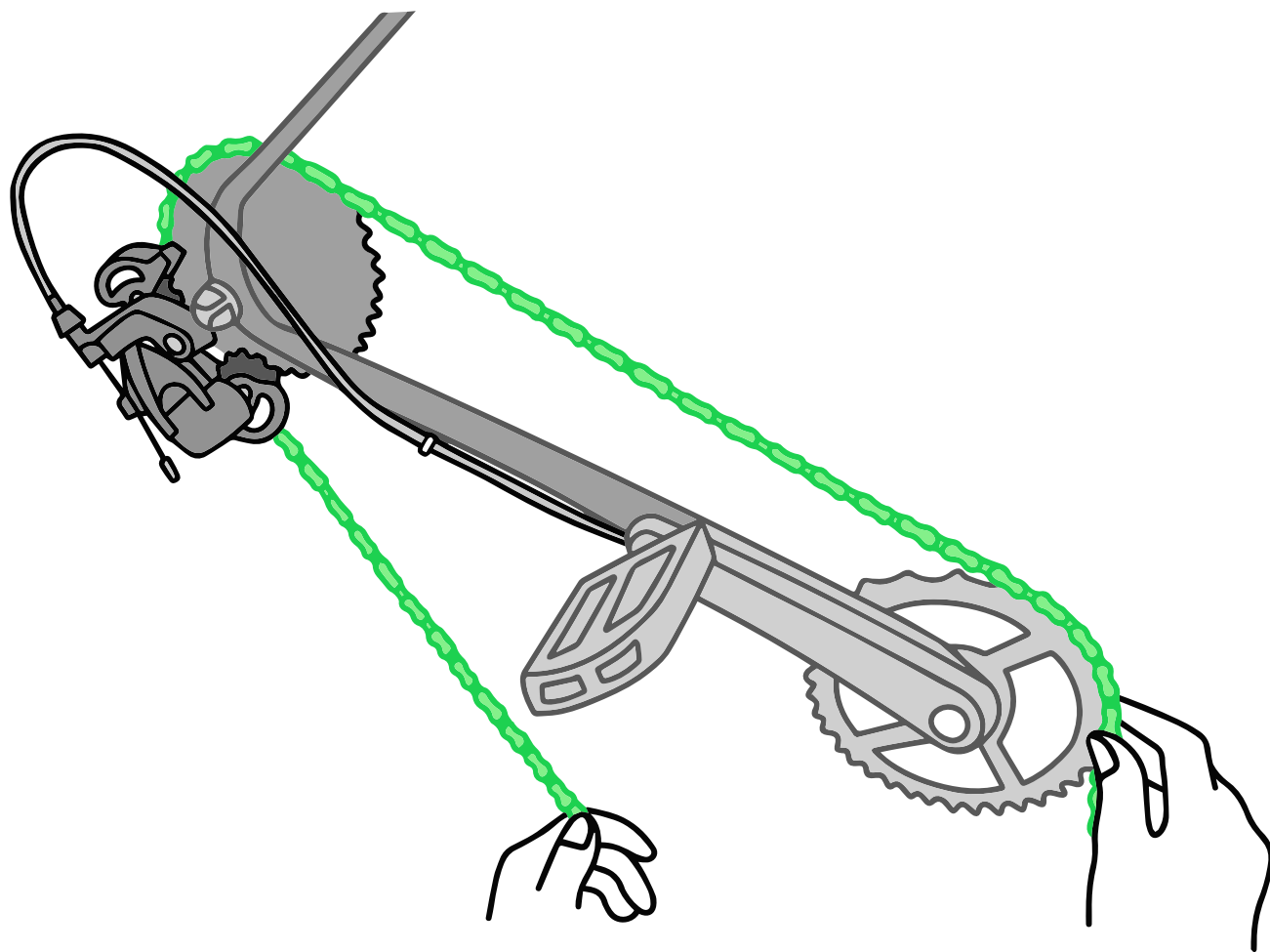
Cut the cable and attach the **cab**le end.



# Chain Installation

Part I

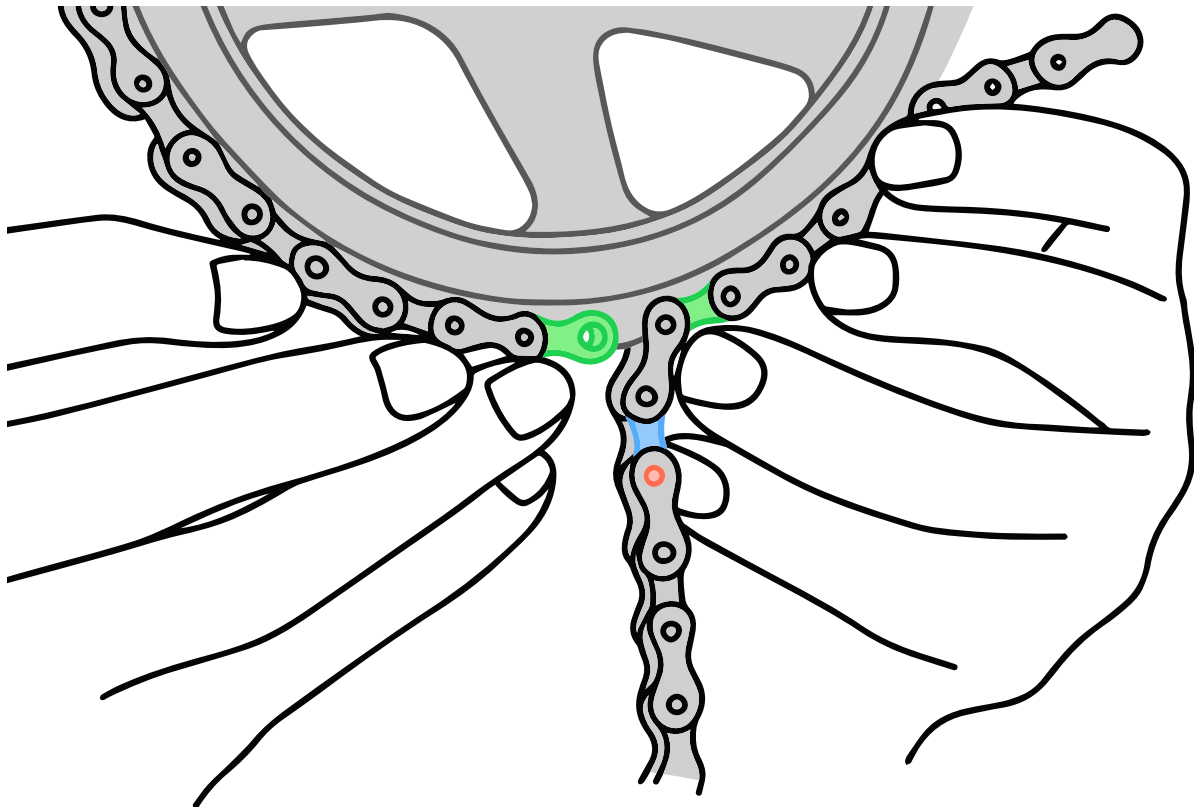
Wrap **the chain** around the largest chainring and the largest cassette cog without routing through the rear derailleur.



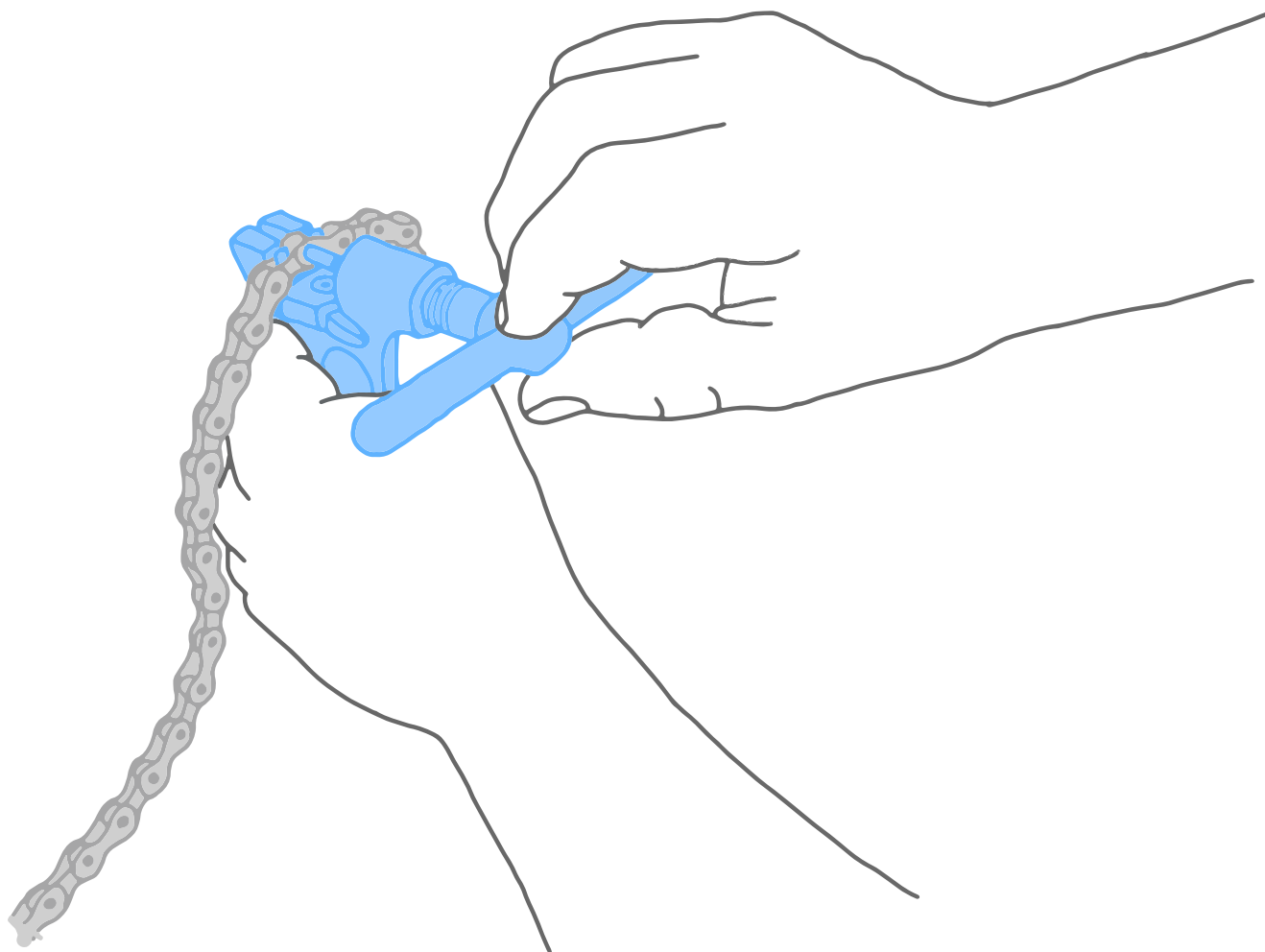
# Chain Installation

Part II

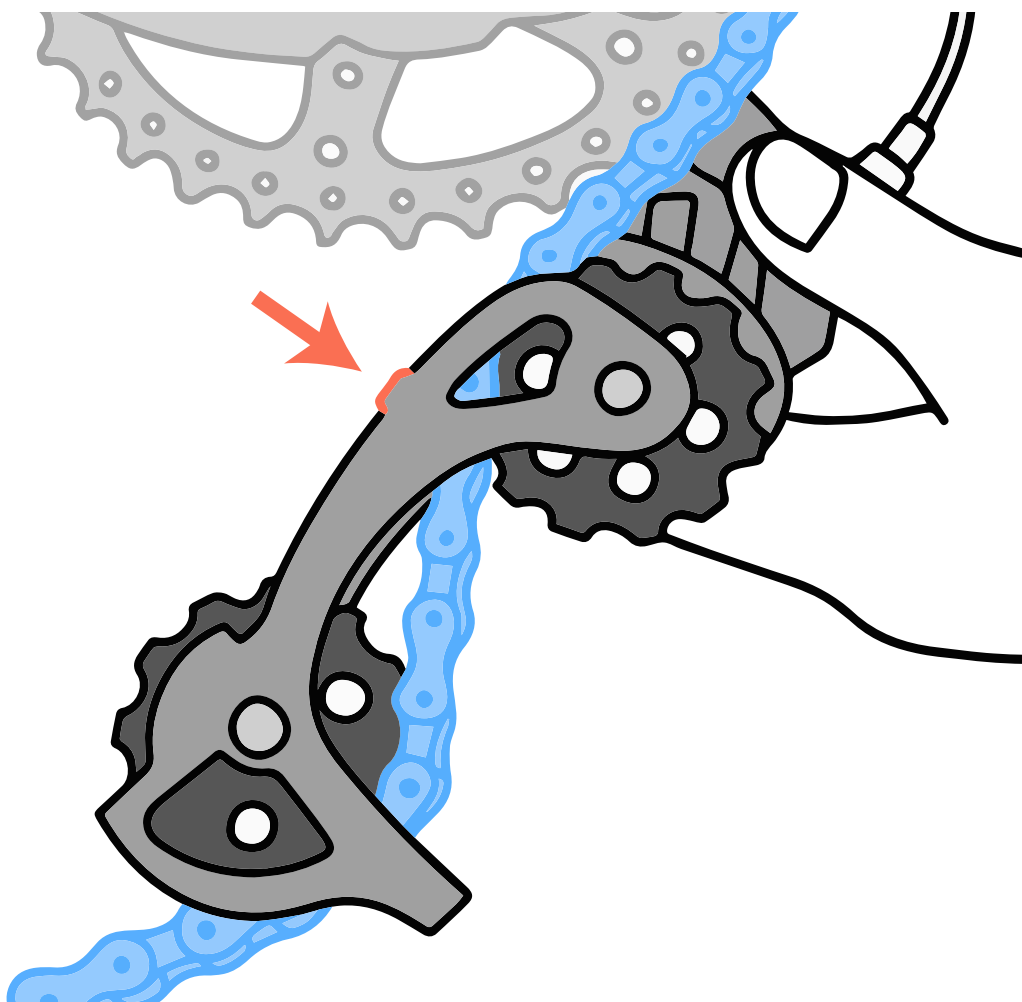
Stretch the chain tight. Place **two inner links next to each other** on the chainring. Add **one extra inner link** and **make your cut there**.



Cut the chain using a **chain breaker**.



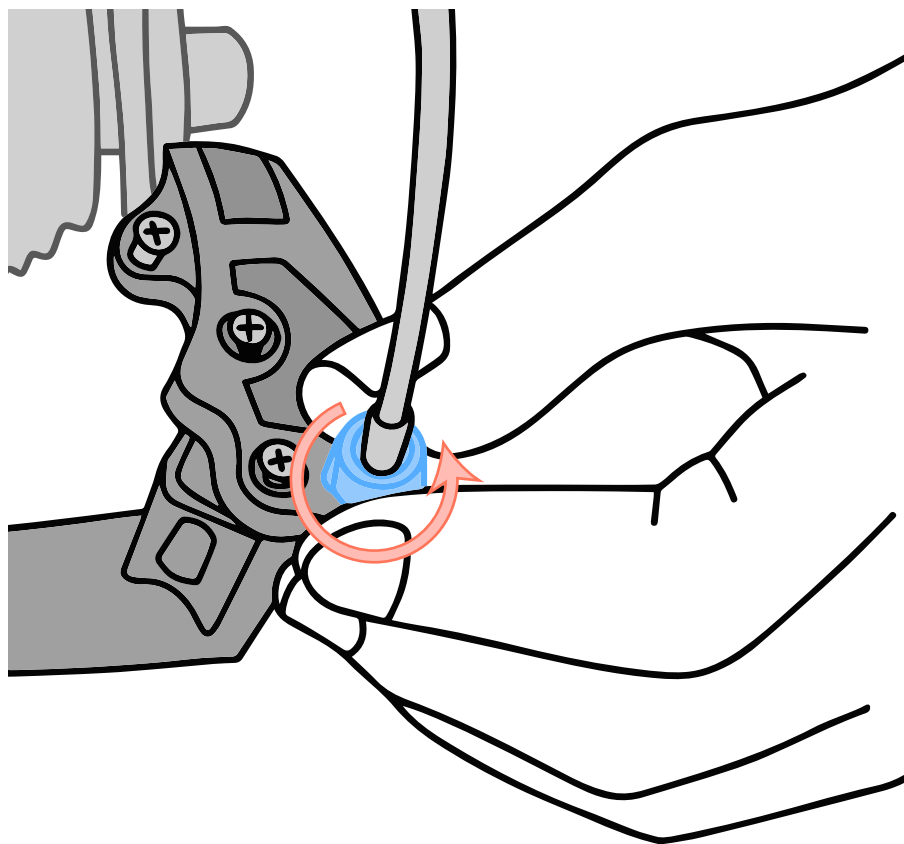
Route **the chain** over the smallest cog, in front of the guide pulley, behind **the derailment prevention plate**, and behind the tension pulley. Wrap the chain around the chainring and connect the chain according to the chain manufacturer's instruction manual.



# Shifting Adjustment

Part I

Shift from the smallest cog to the 2nd smallest cog. If the chain doesn't move, turn **the barrel adjuster** on the derailleur counter-clockwise. Repeat until the derailleur shifts to the 2nd smallest cog.

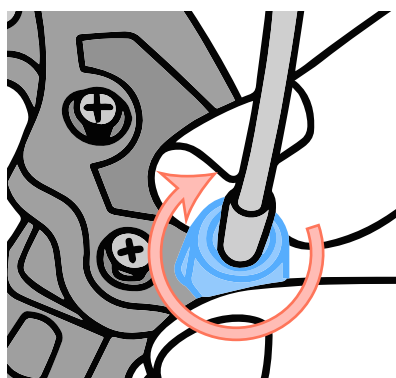
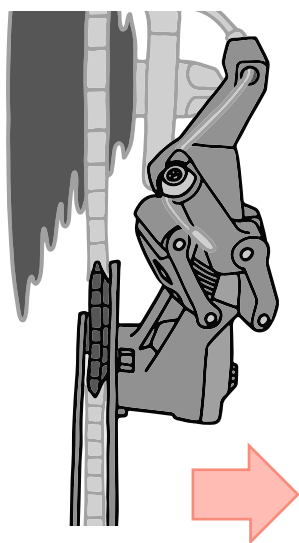
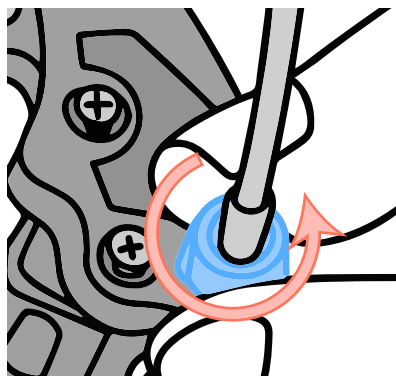
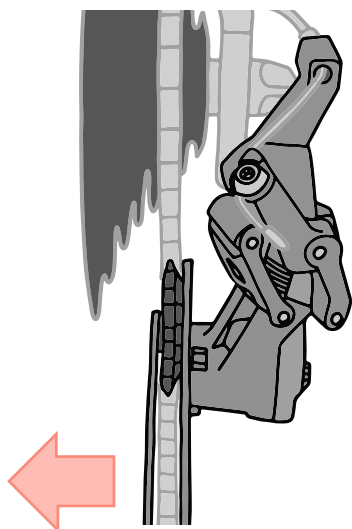


# Shifting Adjustment

Part II

Now make several shifts up and down the cassette.

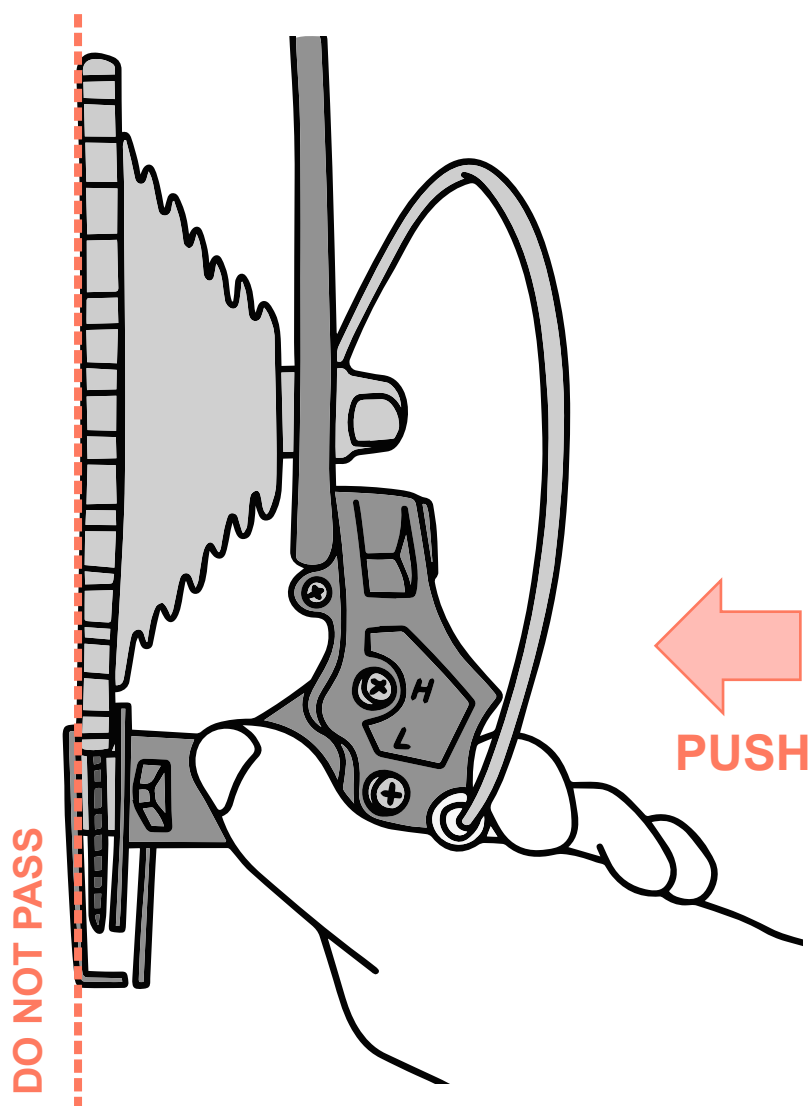
If shifting is slow to move to a larger cog, turn **the barrel adjuster** counter-clockwise. If the shifting is slow to move to a smaller cog, turn **the barrel adjuster** clockwise.



# Low Adjustment

Part I

Shift to the largest cog on the cassette. Using your hand, try to push the rear derailleur past the largest cog. If the derailleur can move past the cog, adjust the low limit screw.

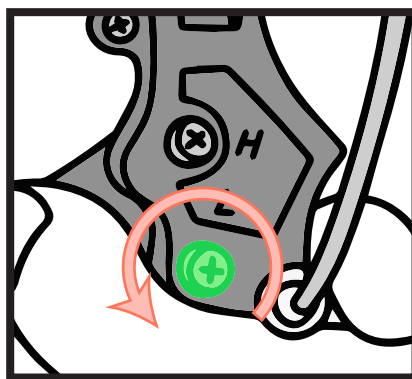
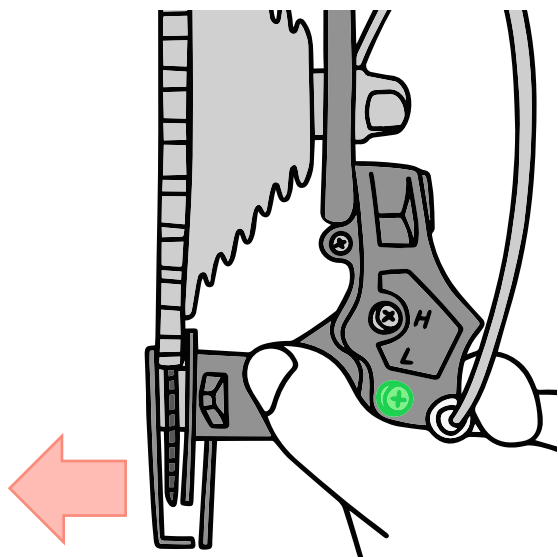
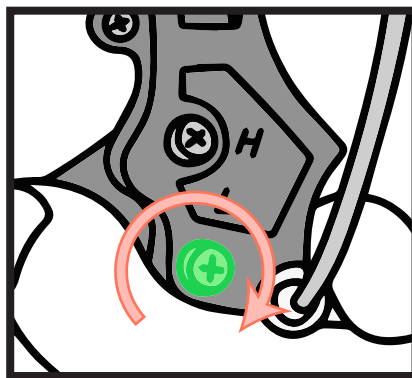
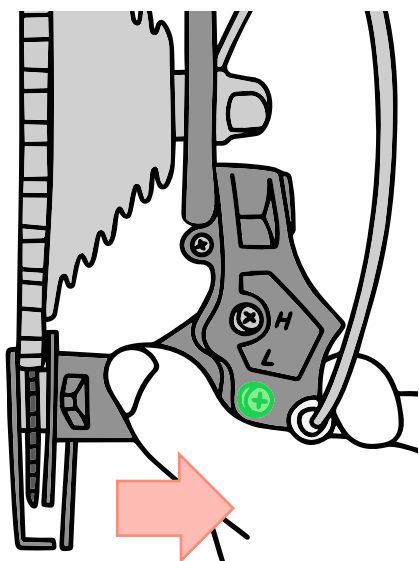




# Low Adjustment

## Part II

Tighten the **low limit screw** until you can't move the derailleur past the largest cog. Shift down and back up to the largest cog. If it is slow to shift to the largest cog, loosen the low limit screw.



# B-Tension Adjustment

Part I

Adjust the **B-tension screw** until there is **5-6mm** of distance between the **guide pulley** and the tallest teeth of **the largest cog**.

