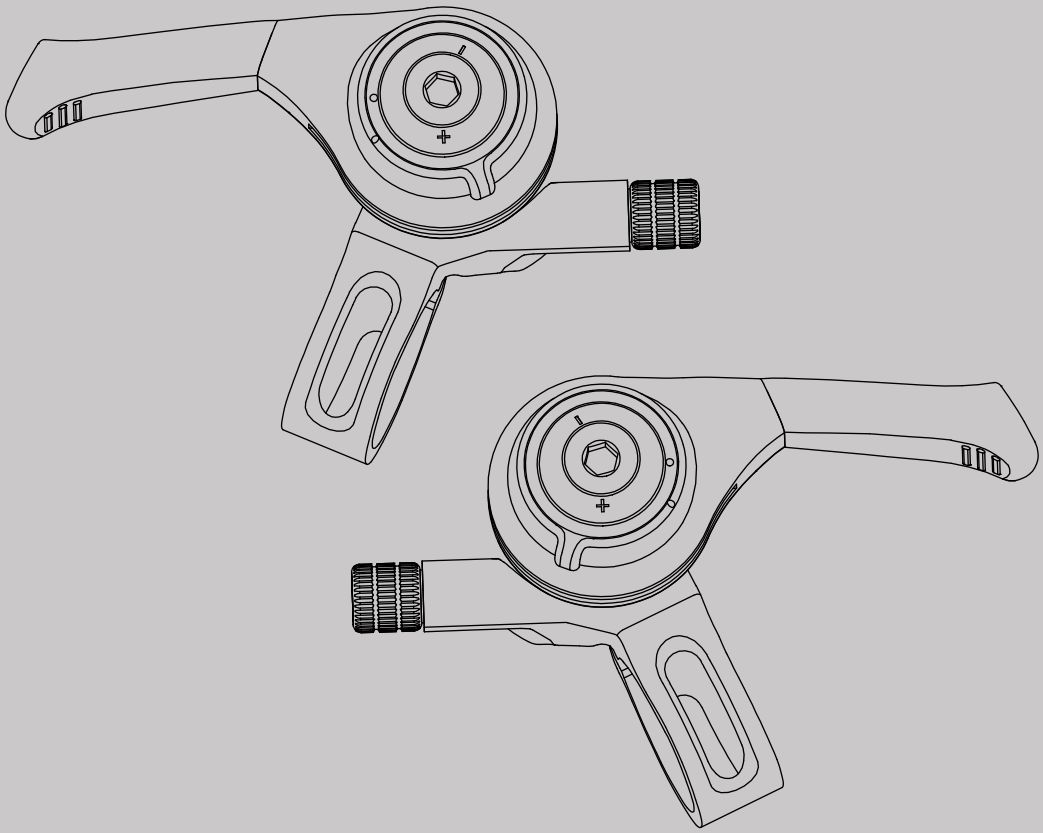
microSHIFT

Thumb Shifter User Manual

THUMB SHIFTER



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SH001-001
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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.

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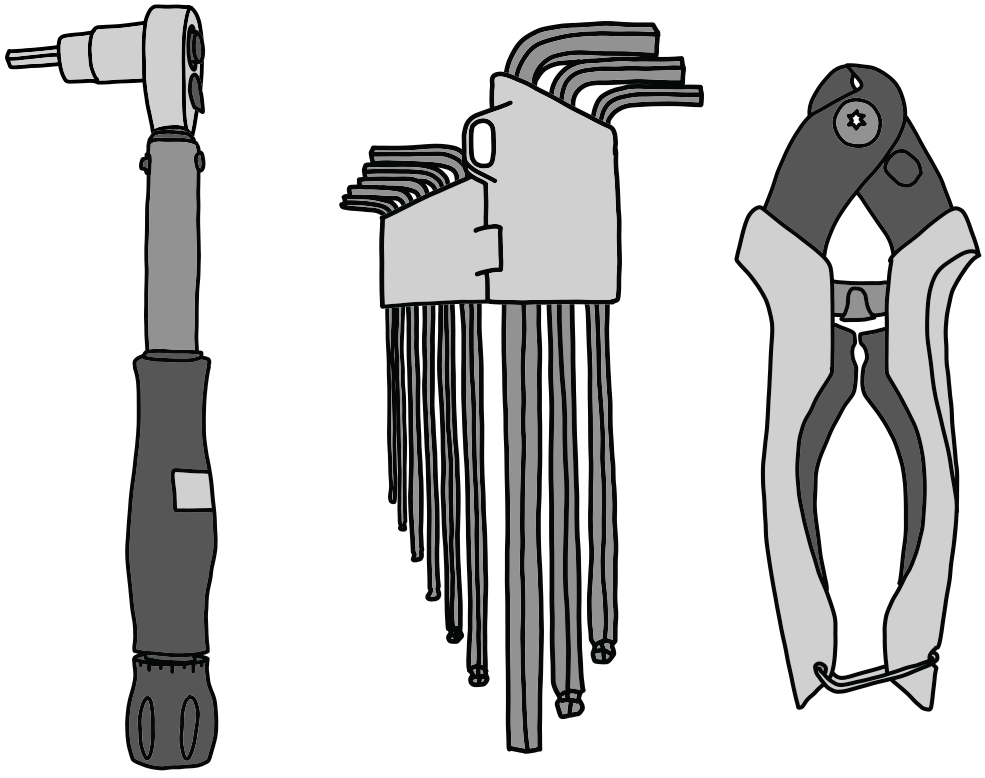
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Tools and Supplies

1. Torque wrench
2. 4mm & 5mm Hex bits
3. Allen keys
4. Cable & housing cutter

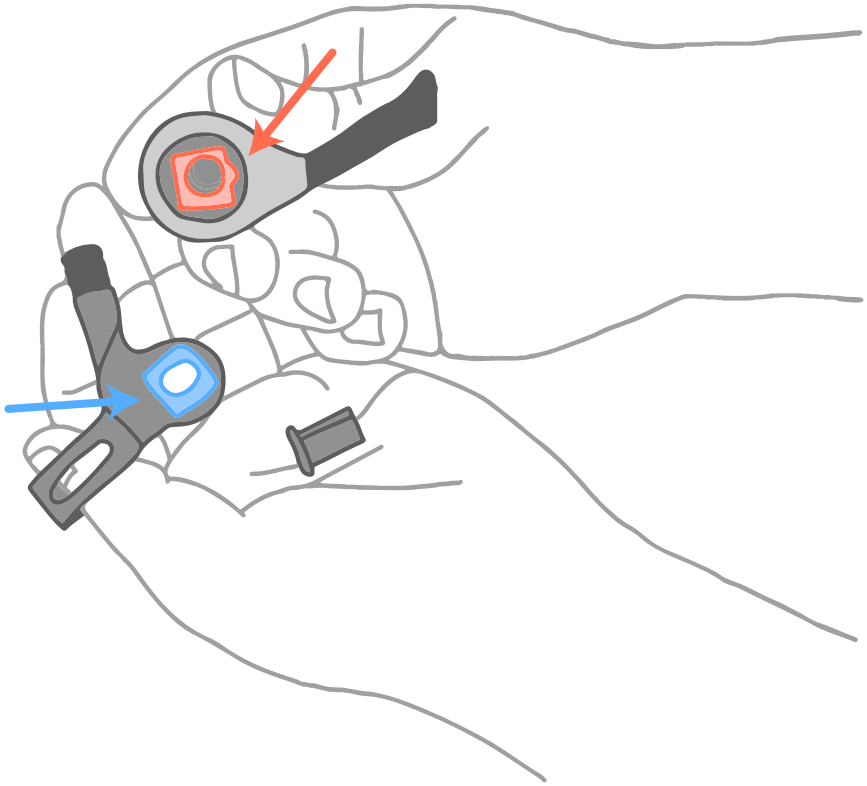


1. Shifter Assembly

Part I

Line up **the half circle indent** on the shifter body with **side of the square closest to the handlebar clamp.**

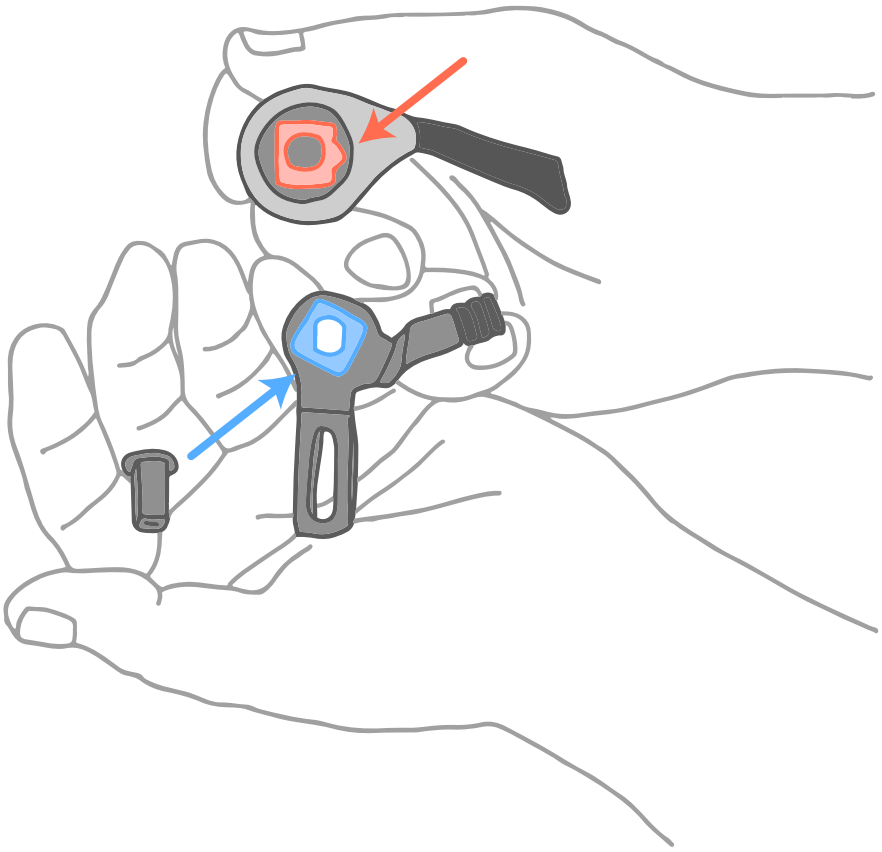
⚠ **The right shifter is shown here.**



1. Shifter Assembly

Part II

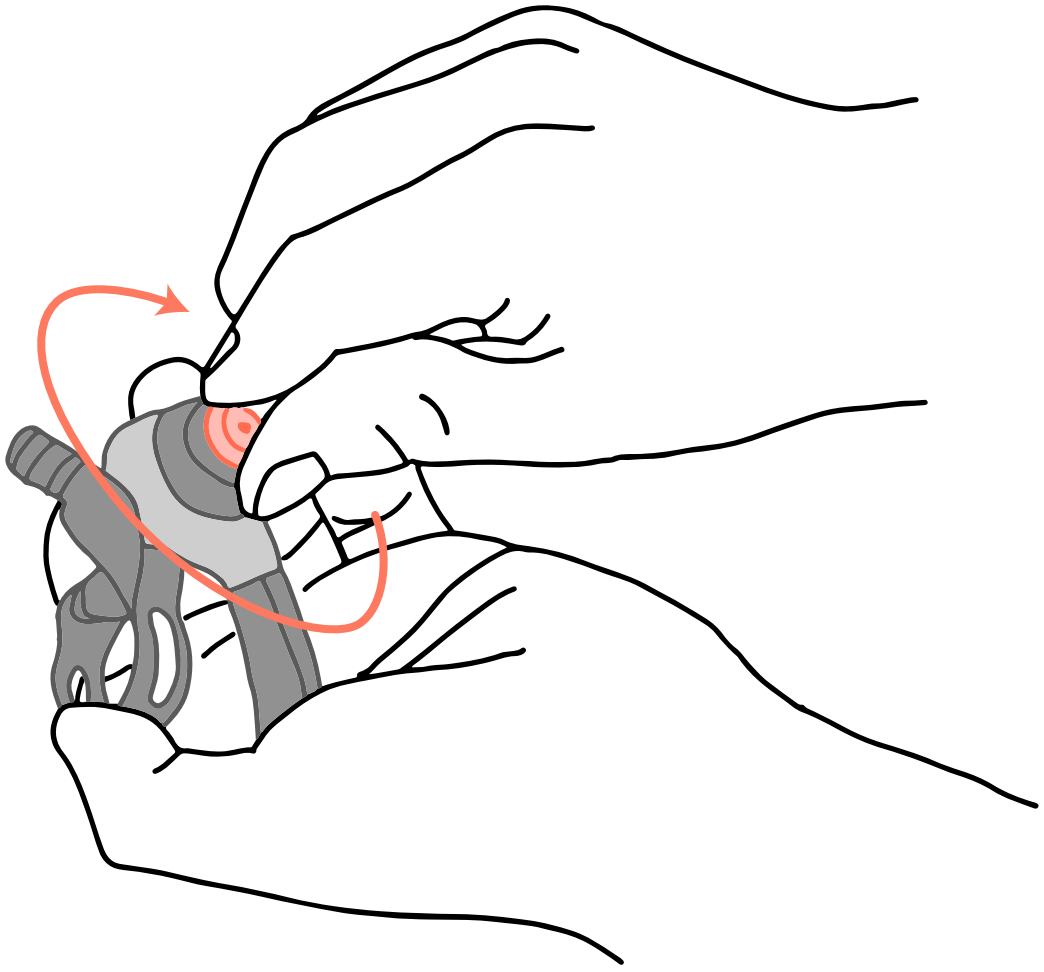
The left shifter is shown here.



1. Shifter Assembly

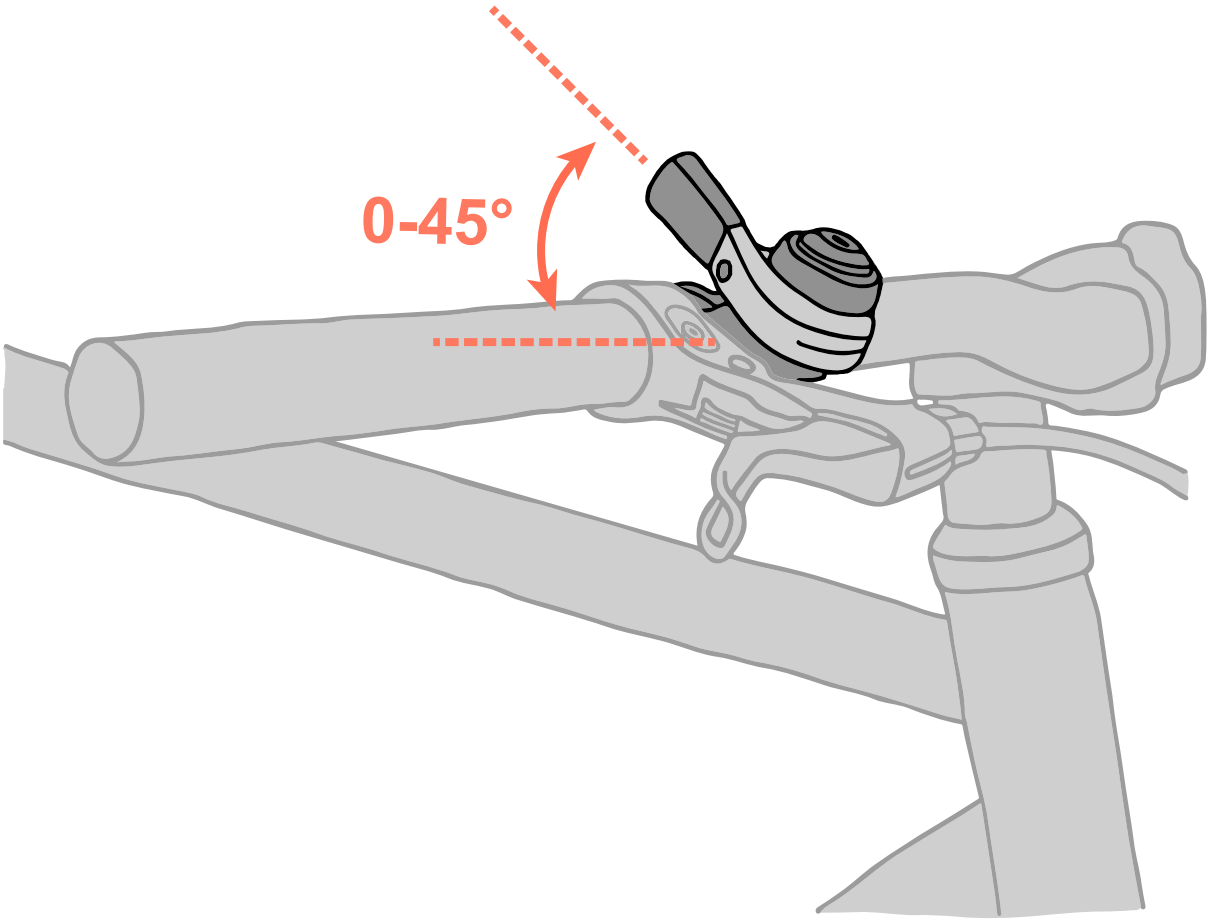
Part III

Push the nut through the buttom of the of the clamp and finger tighten **the torque bolt** until it is flush with the top of the lever.



2. Shifter Positioning

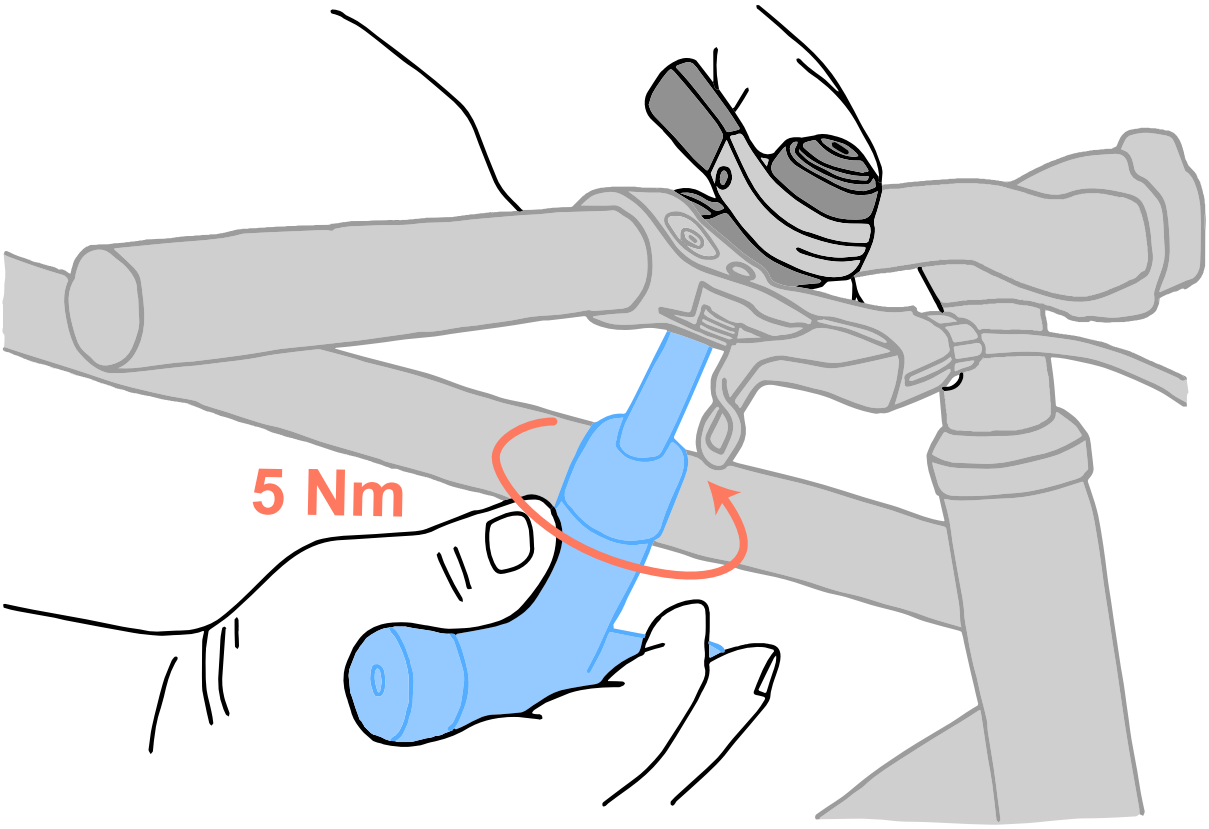
Slide the shifter onto the bar inboard of the brake lever. Rotate the shifter around the bar until the position is comfortable, usually between **0-45 degrees from horizontal.**



2. Shifter Positioning

Part II

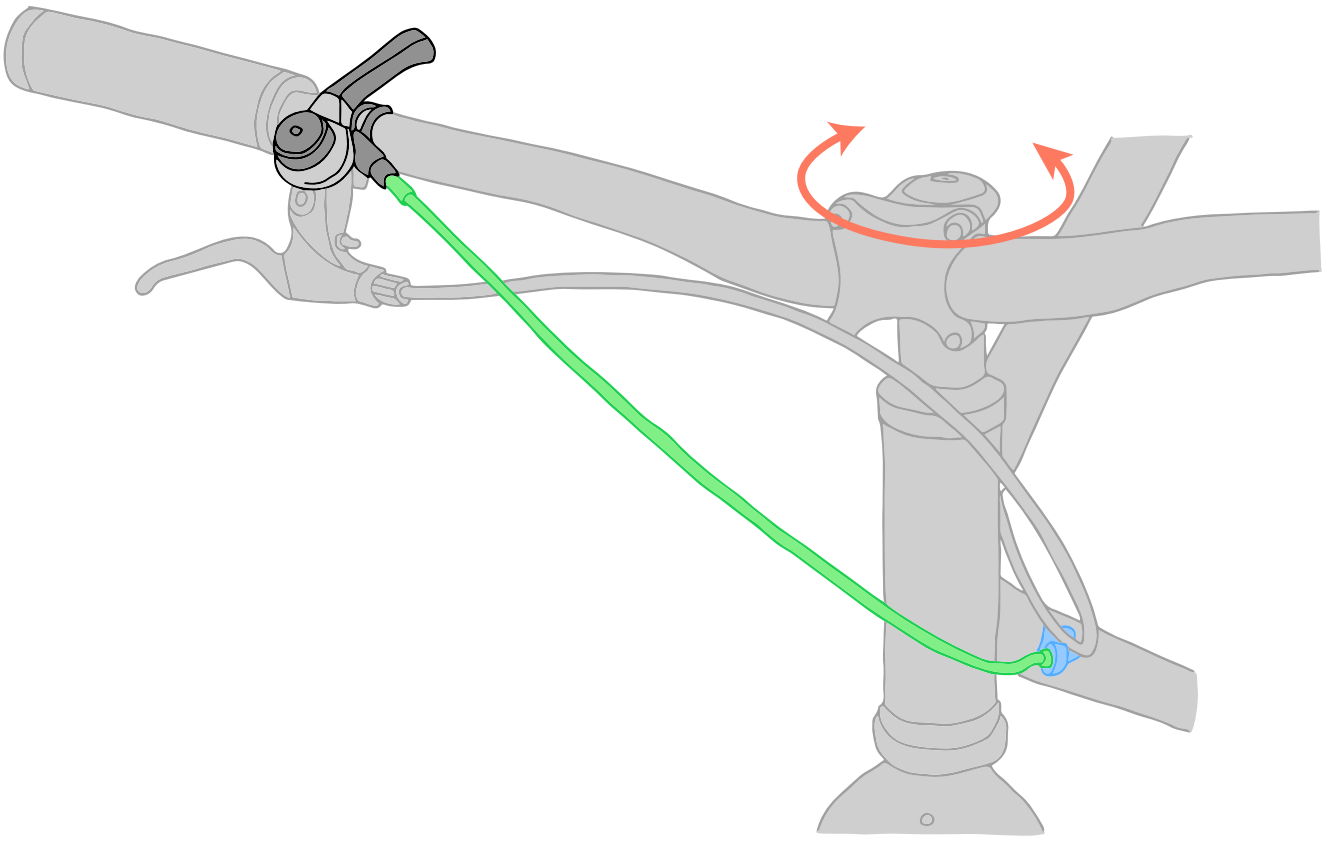
Tighten the handlebar clamp to **5 Nm** with a **4mm hex wrench.**



3. Housing Routing and Sizing

Cut **the housing** so that it's long enough to reach from the shifter to **the first housing stop** with the **handlebars turned.** Minimize sharp curves for better shifting performance.

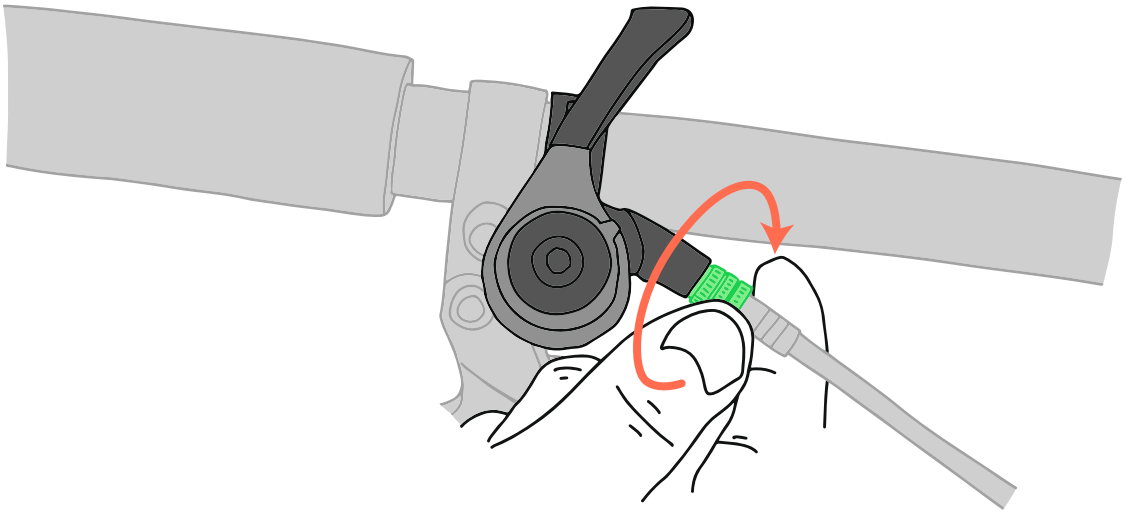
> ⚠ **Every bike is different – refer to your bike's instructions for proper cable routing.**

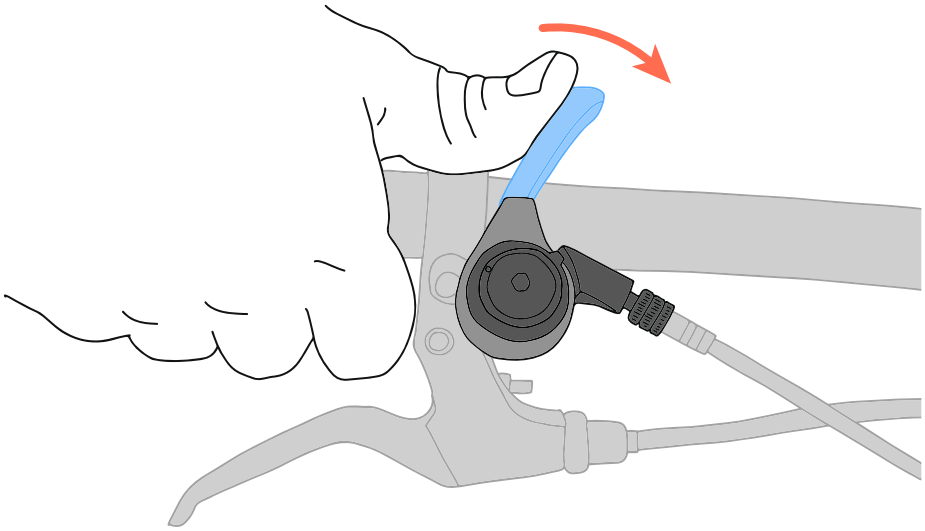


4. Cable Routing (Right Shifter)

Part I

Turn **the barrel adjuster** clockwise until it is screwed all the way in. Shift **the lever** clockwise until it stops.

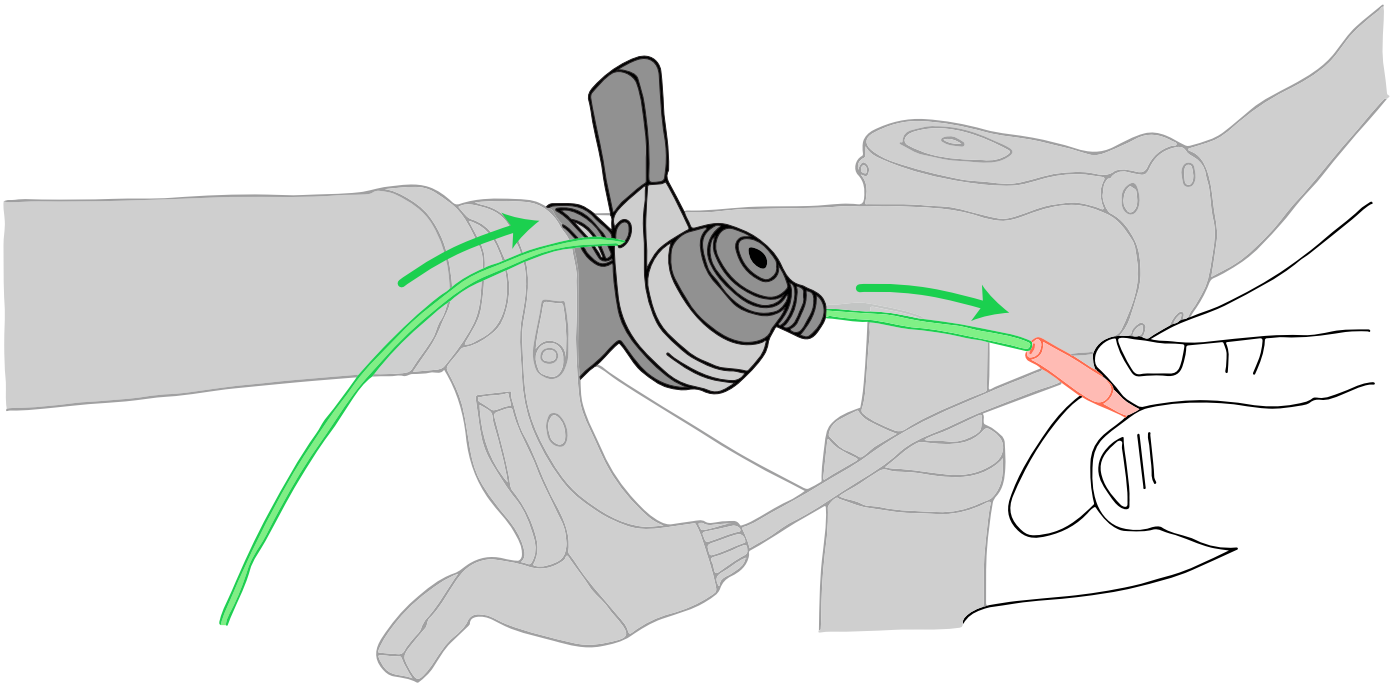




4. Cable Routing (Right Shifter)

Part II

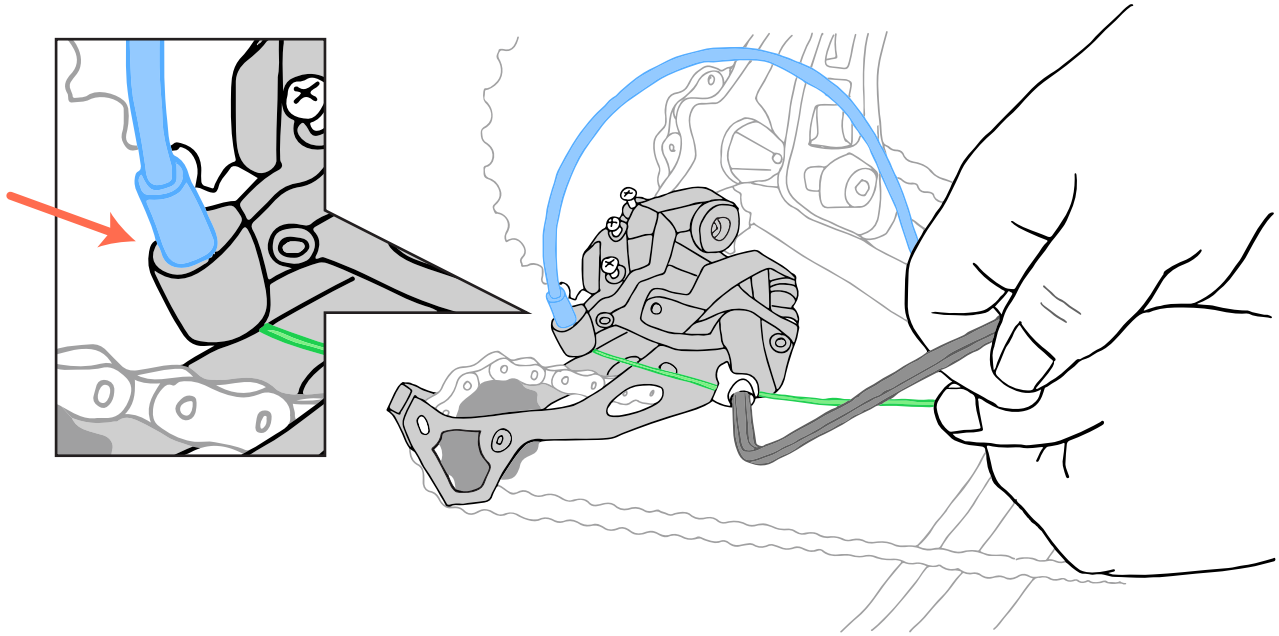
Insert **the cable** through the lever, through the barrel adjuster, and into **the end of cable housing.**



5. Rear Derailleur Cable Attachment

Part I

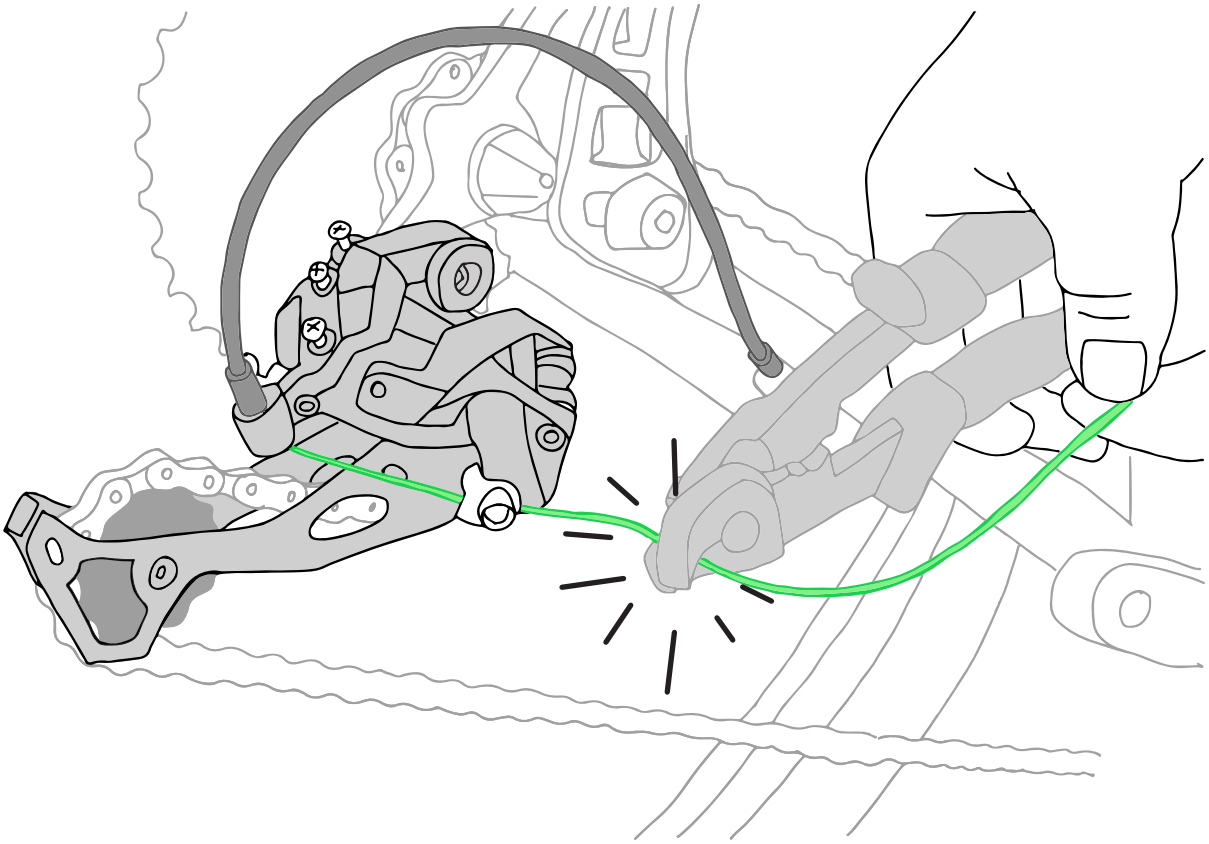
Once **the cable** is through **the housing,** route it through the rear derailleur housing stop, making sure that the housing is **fully inserted in the stop.** Pull **the cable** tight through the cable fixing point and tighten to the derailleur's torque spec. Trim the end of **the cable** and attach a cable end.



5. Rear Derailleur Cable Attachment

Part II

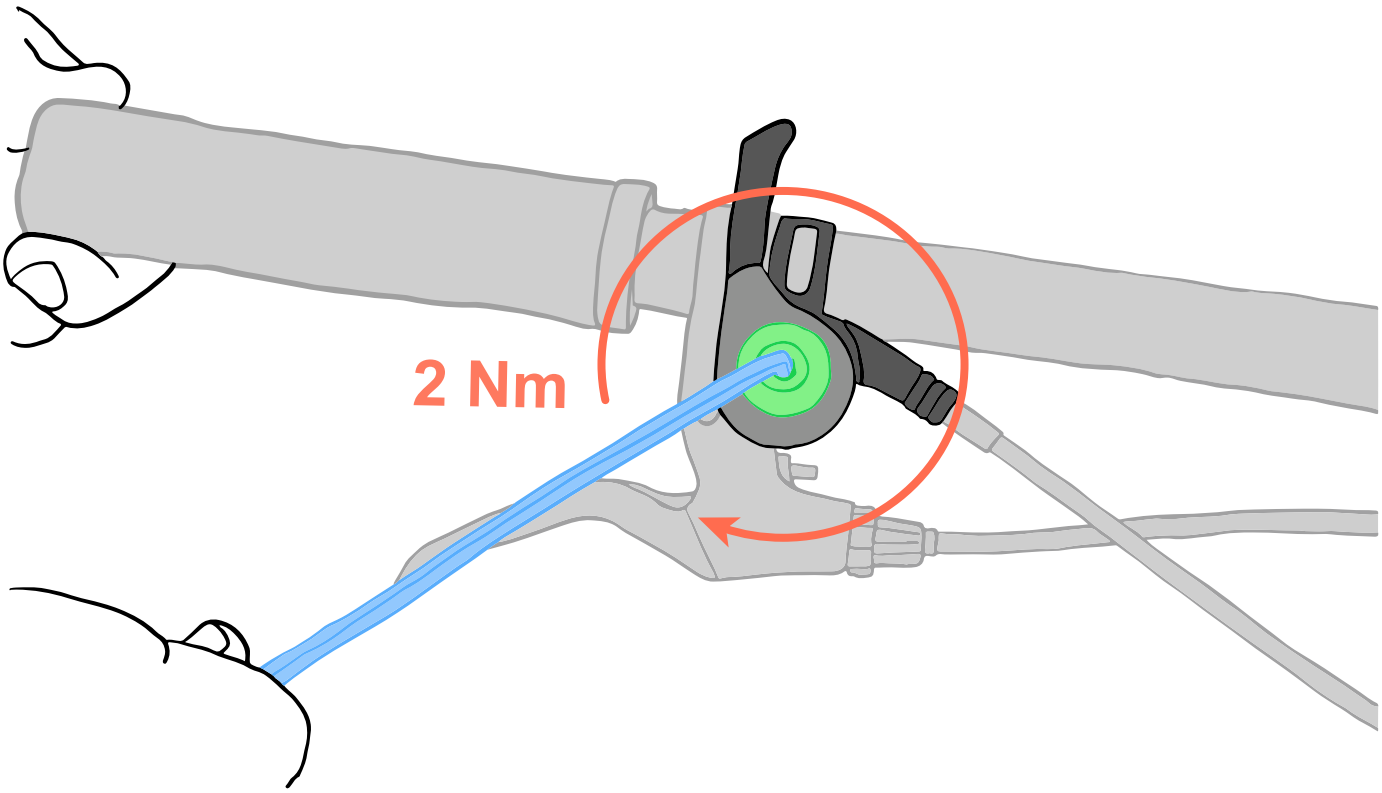
Trim the end of **the cable** and attach a cable end.



6. Torque Cap Adjustment (Right Shifter)

Part I

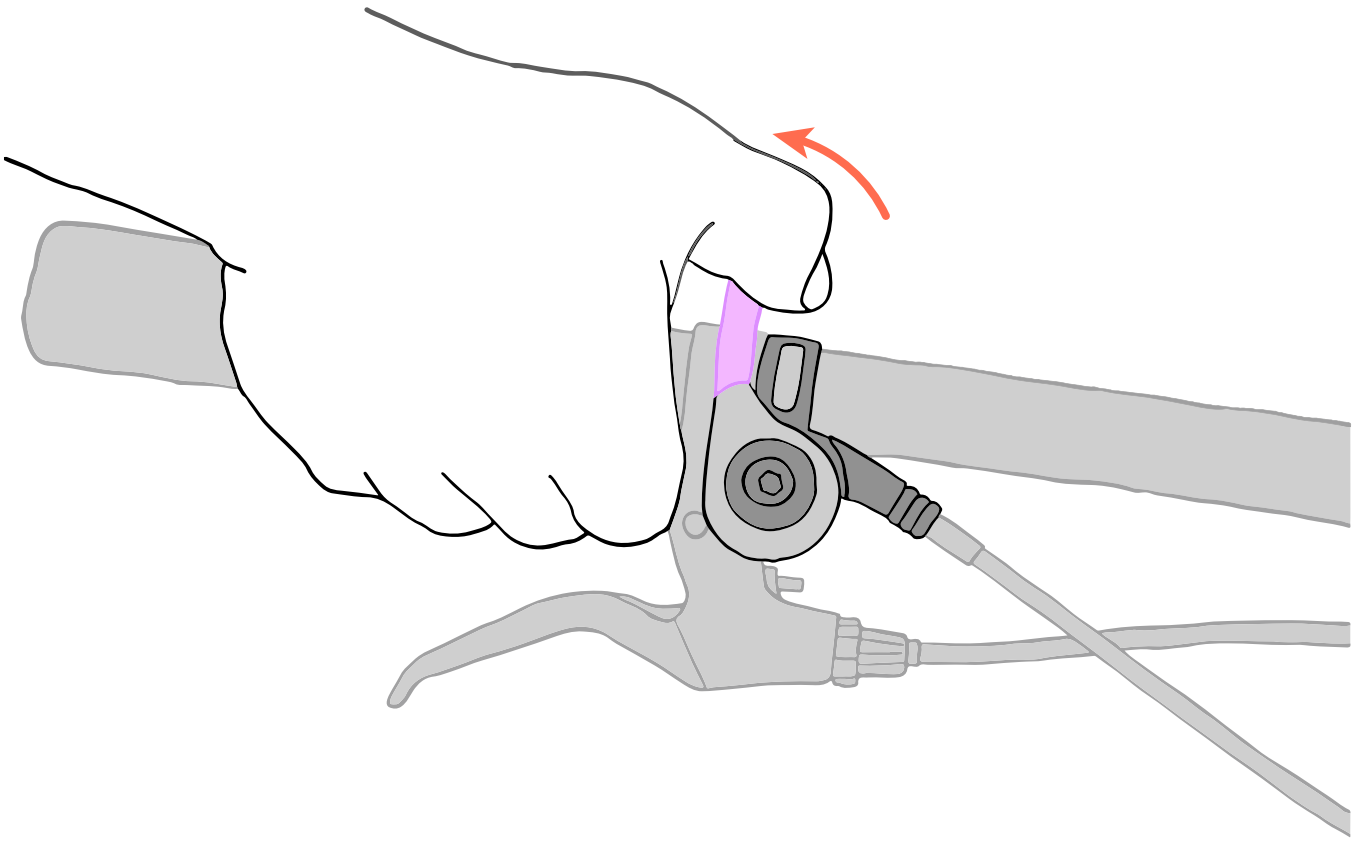
Tighten **the torque cap** on the shifter to **2 Nm** using a **4mm hex wrench.**



6. Torque Cap Adjustment (Right Shifter)

Part II

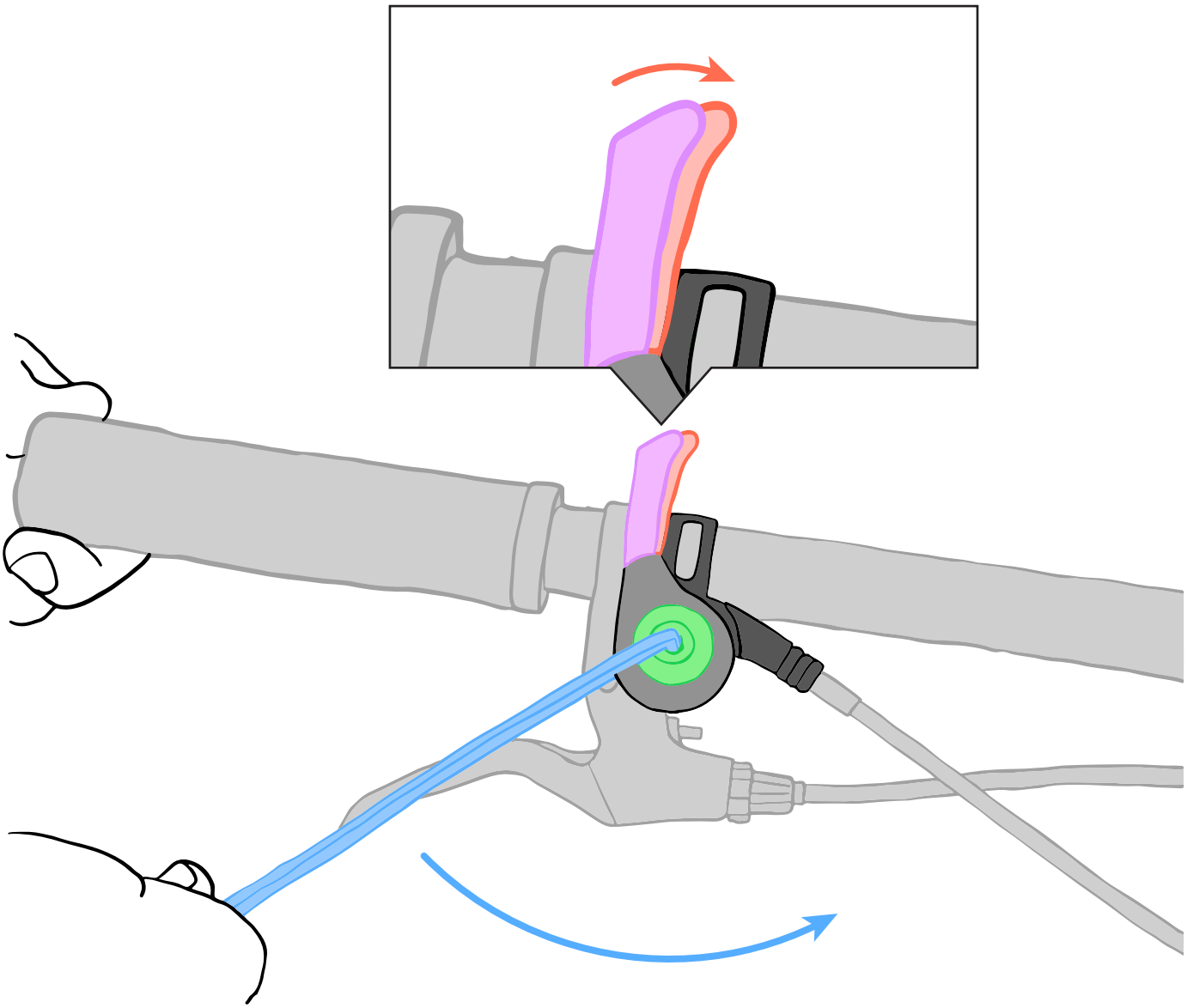
Shift the lever counterclockwise to the next gear without moving the pedals.



6. Torque Cap Adjustment (Right Shifter)

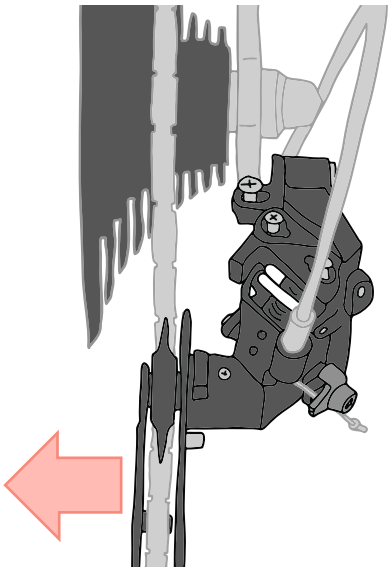
Part III

Loosen **the torque cap** with **the 4mm hex wrench** until **the lever returns to the index position.**

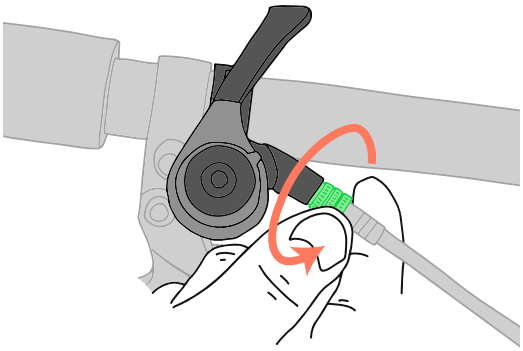


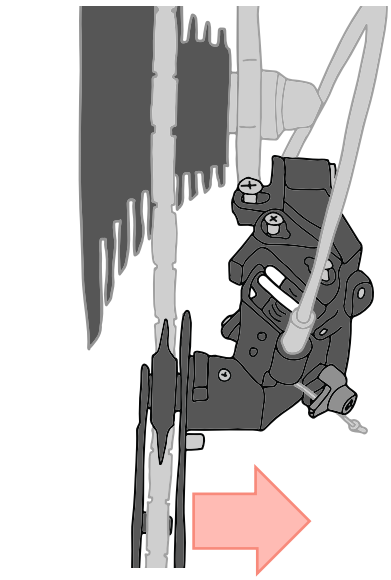
7. Rear Derailleur Shifting Adjustment

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.

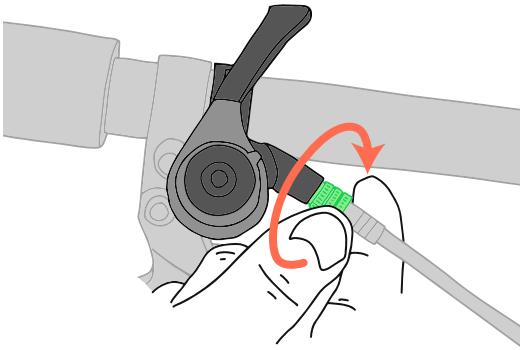


Slow to shift to larger cogs



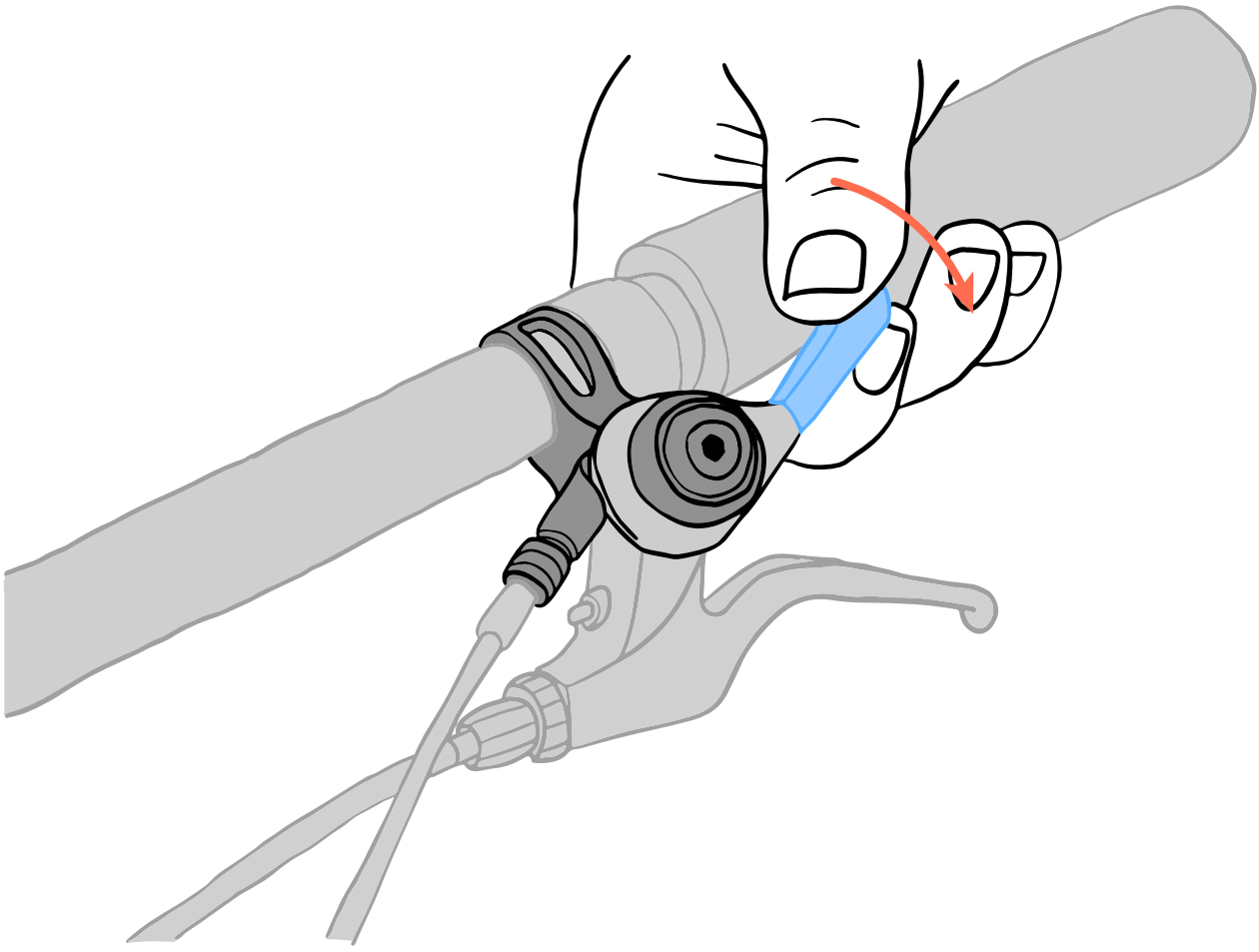


Slow to shift to smaller cogs



8. Cable Routing (Left Shifter)

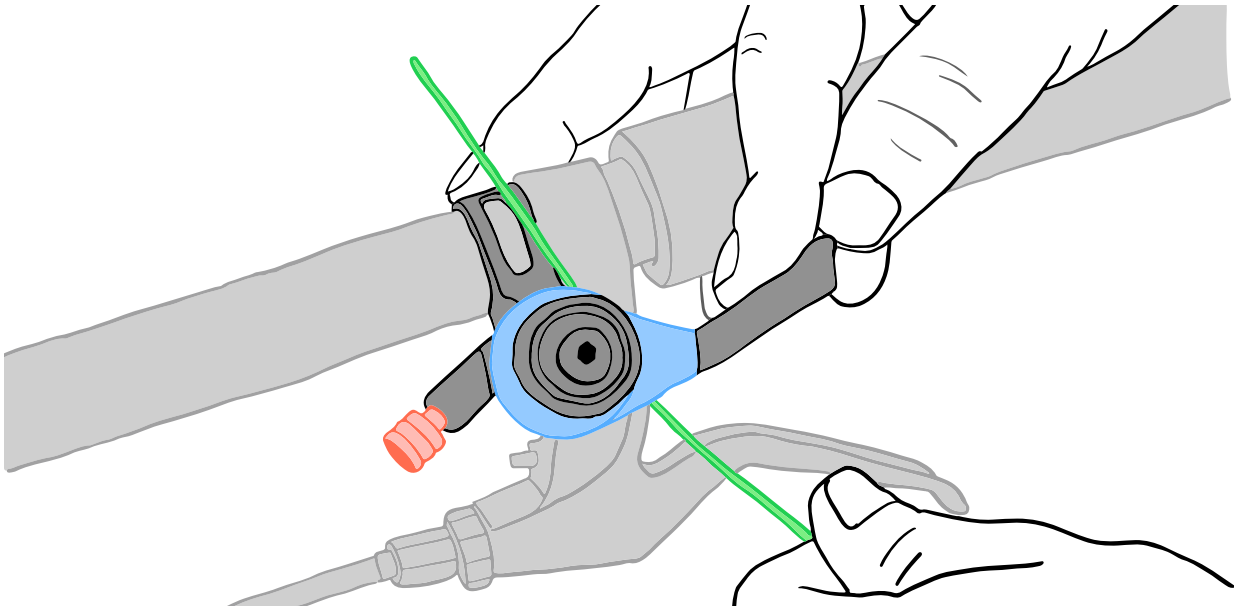
To install the cable on the left shifter, turn the **shift lever** clockwise.

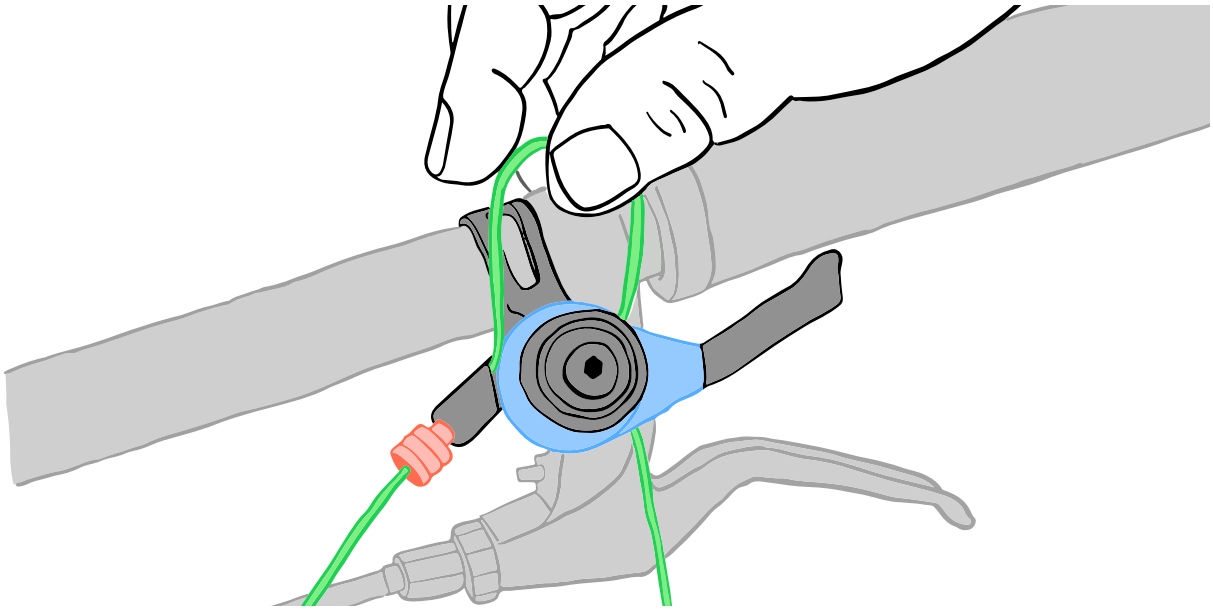


8. Cable Routing (Left Shifter)

Part II

Route **the cable** through **the lever,** loop around, then route through **the barrel adjuster** on the handlebar clamp.

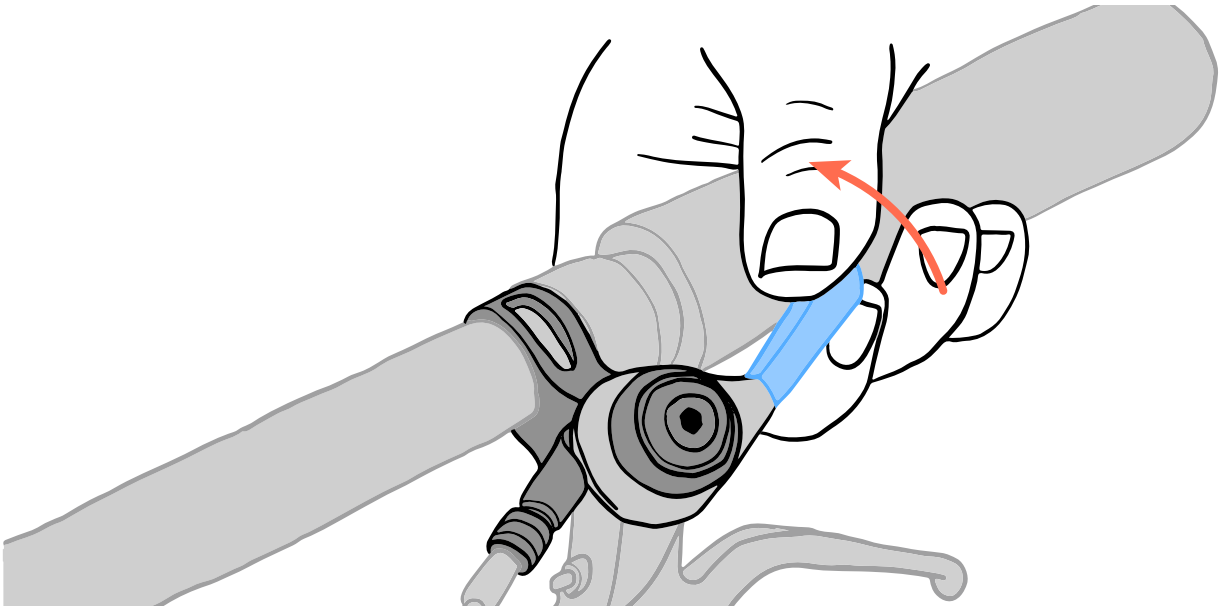


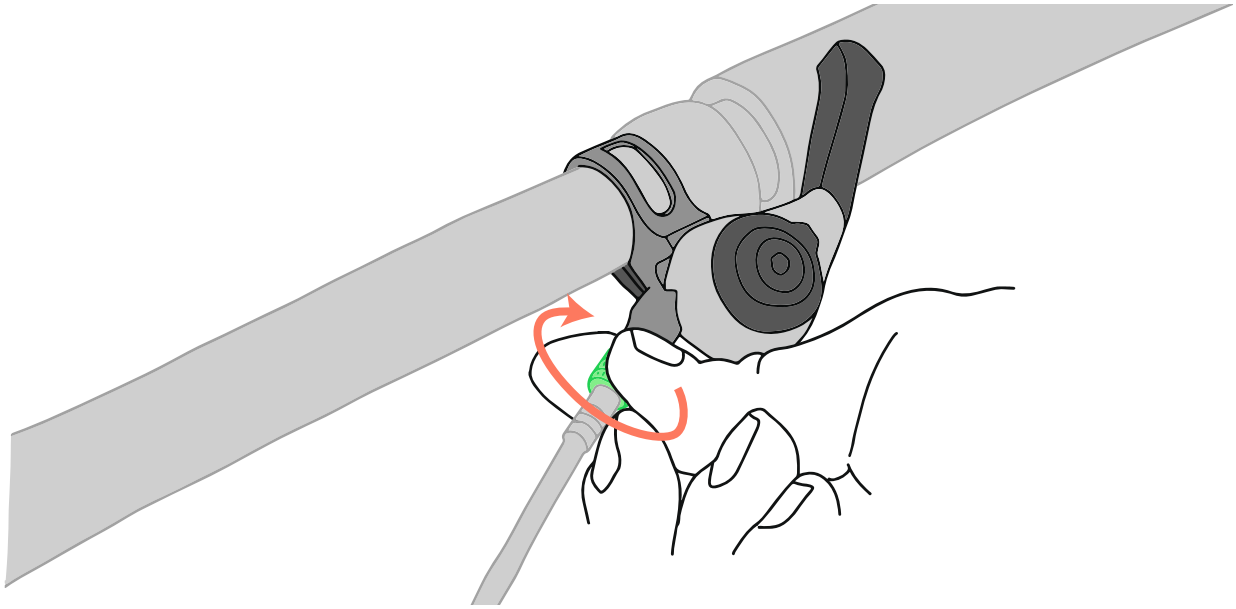


8. Cable Routing (Left Shifter)

Part III

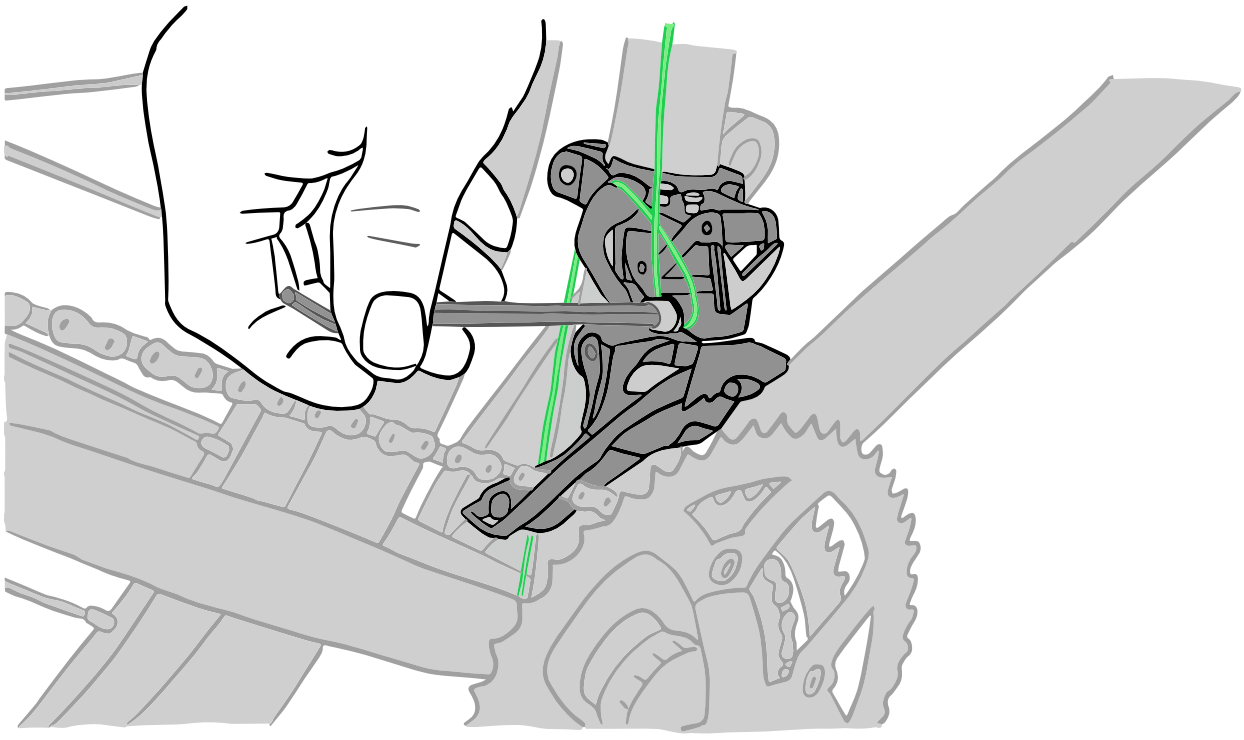
Turn **the shift lever** counterclockwise, and turn **the barrel adjuster** clockwise until it is completely screwed in.





9. Front Derailleur Cable Attachment

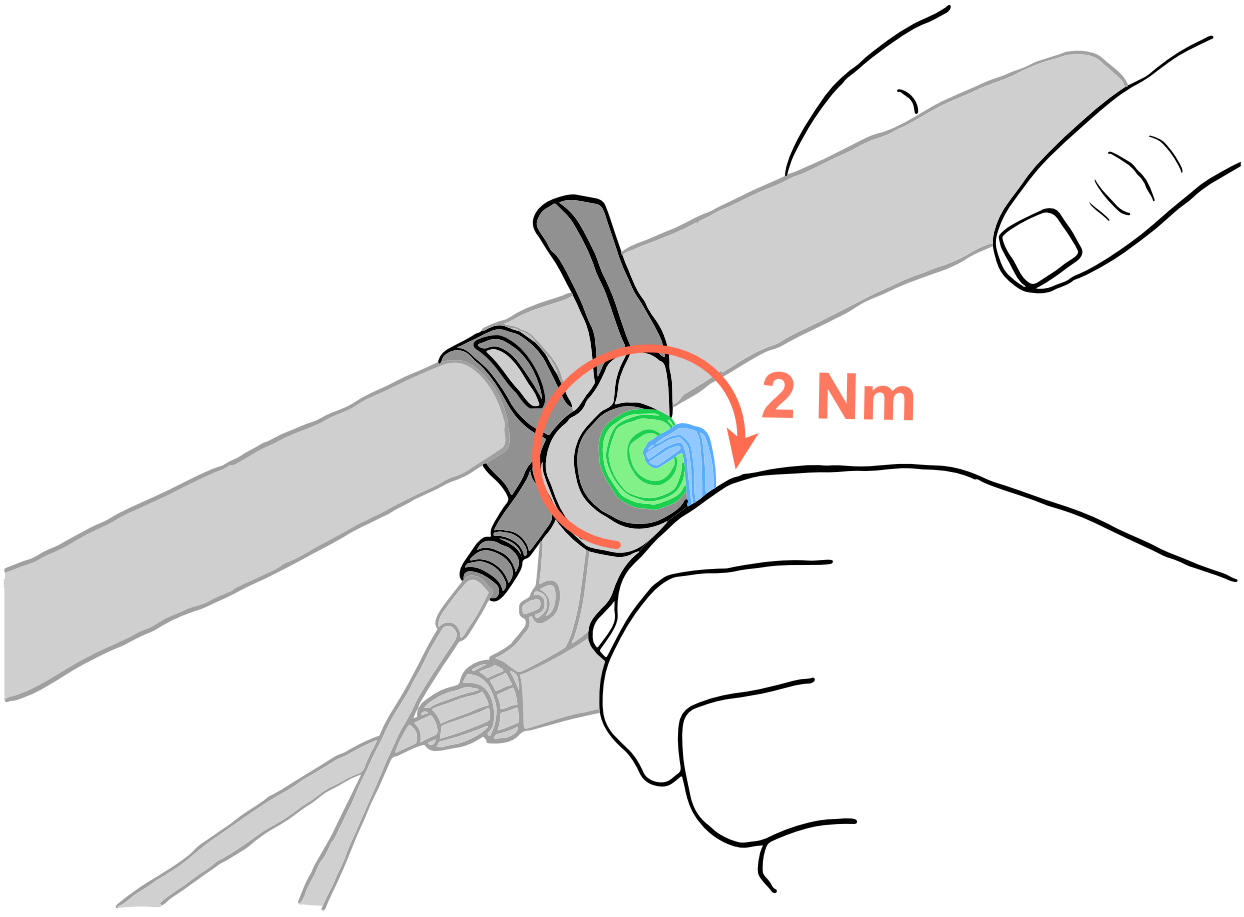
Route the housing and attach **the cable** to the front derailleur according to the derailleur's instructions. Cut the excess **cable** and attach a cable end.



10. Torque Cap Adjustment (Left Shifter)

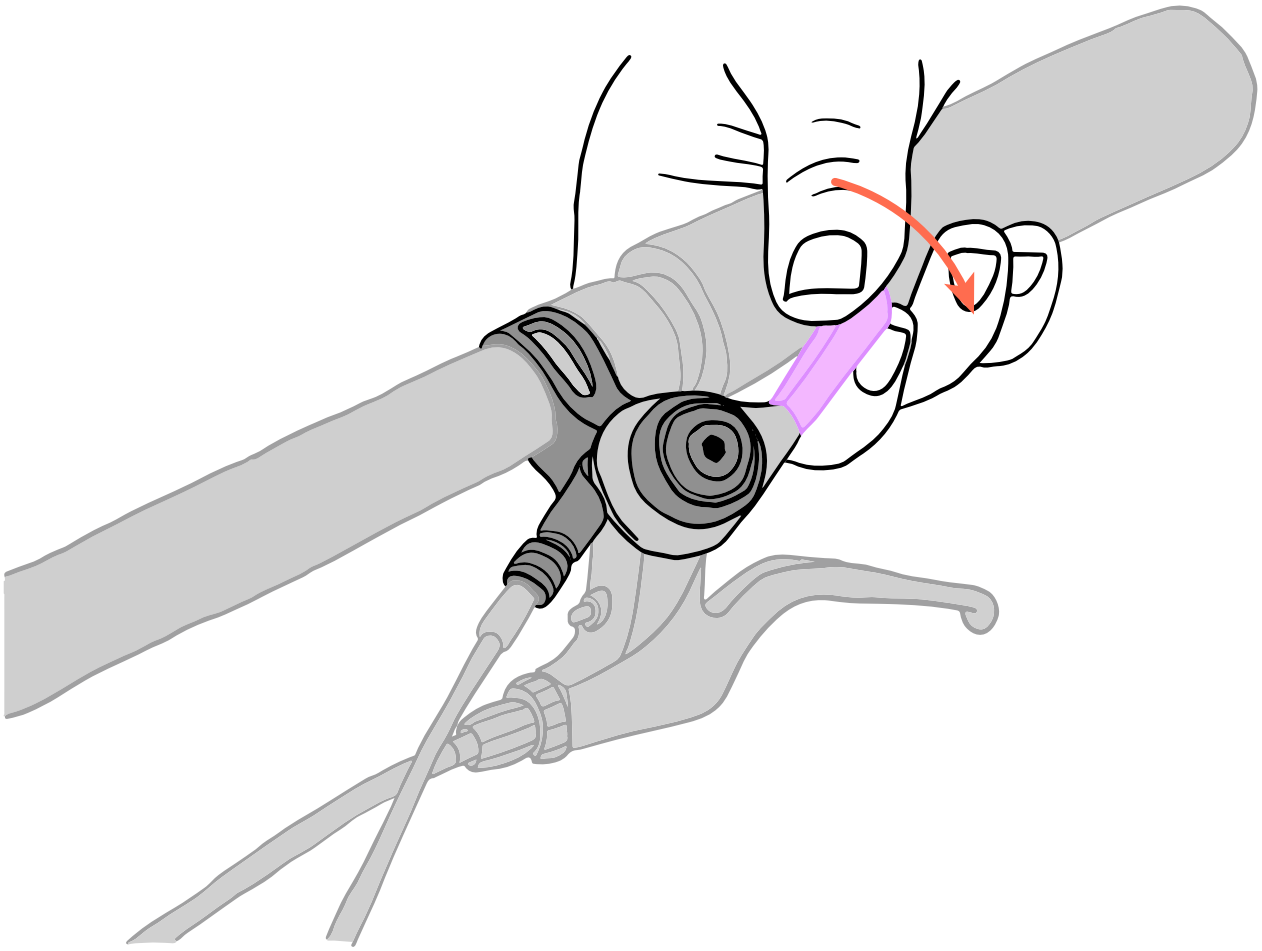
Part I

Tighten the torque cap with a 4mm hex wrench to 2 Nm.



10. Torque Cap Adjustment (Left Shifter) Part II

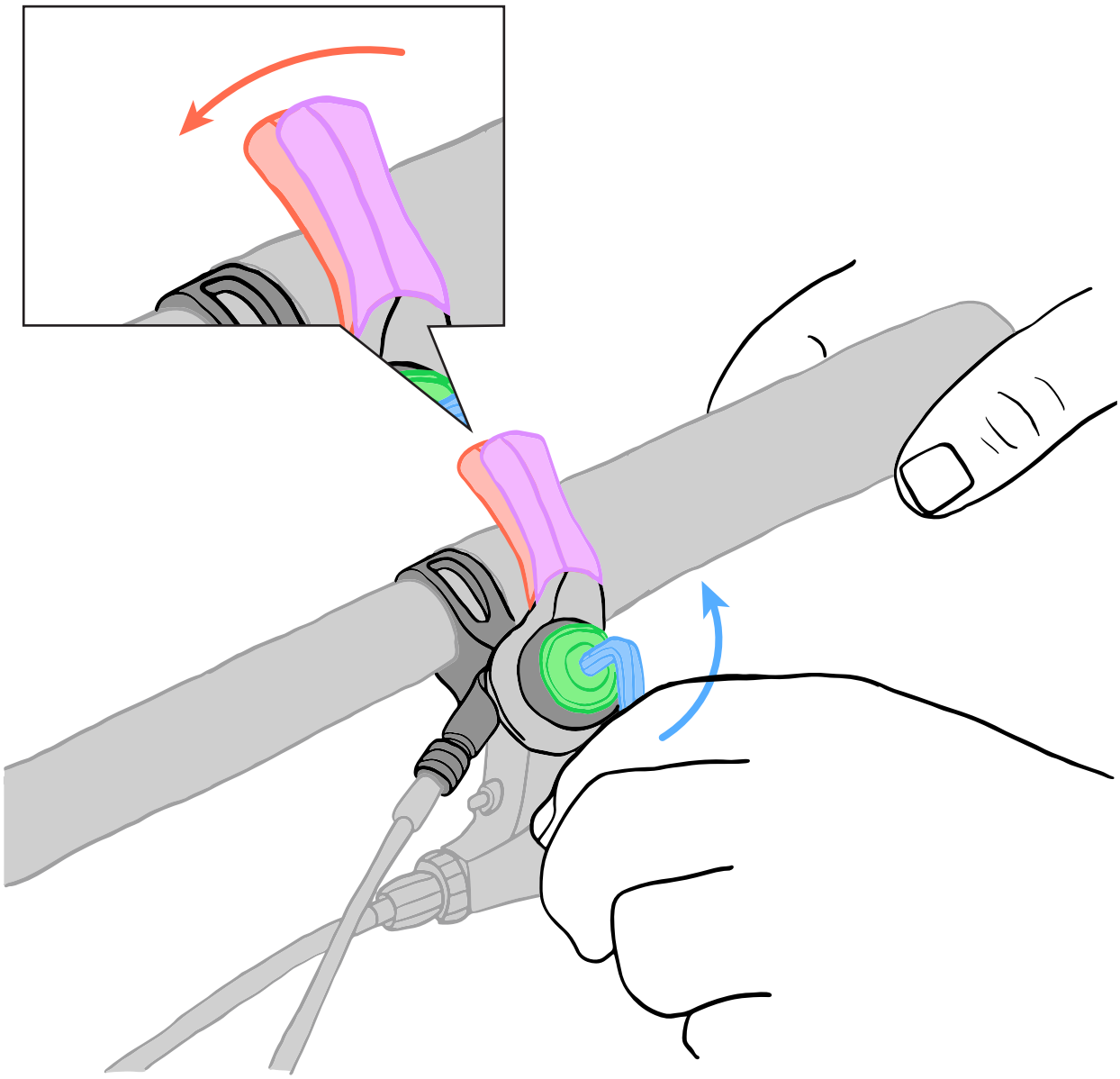
Turn the lever clockwise to shift to a larger chainring without moving the pedals.



10. Torque Cap Adjustment (Left Shifter)

Part III

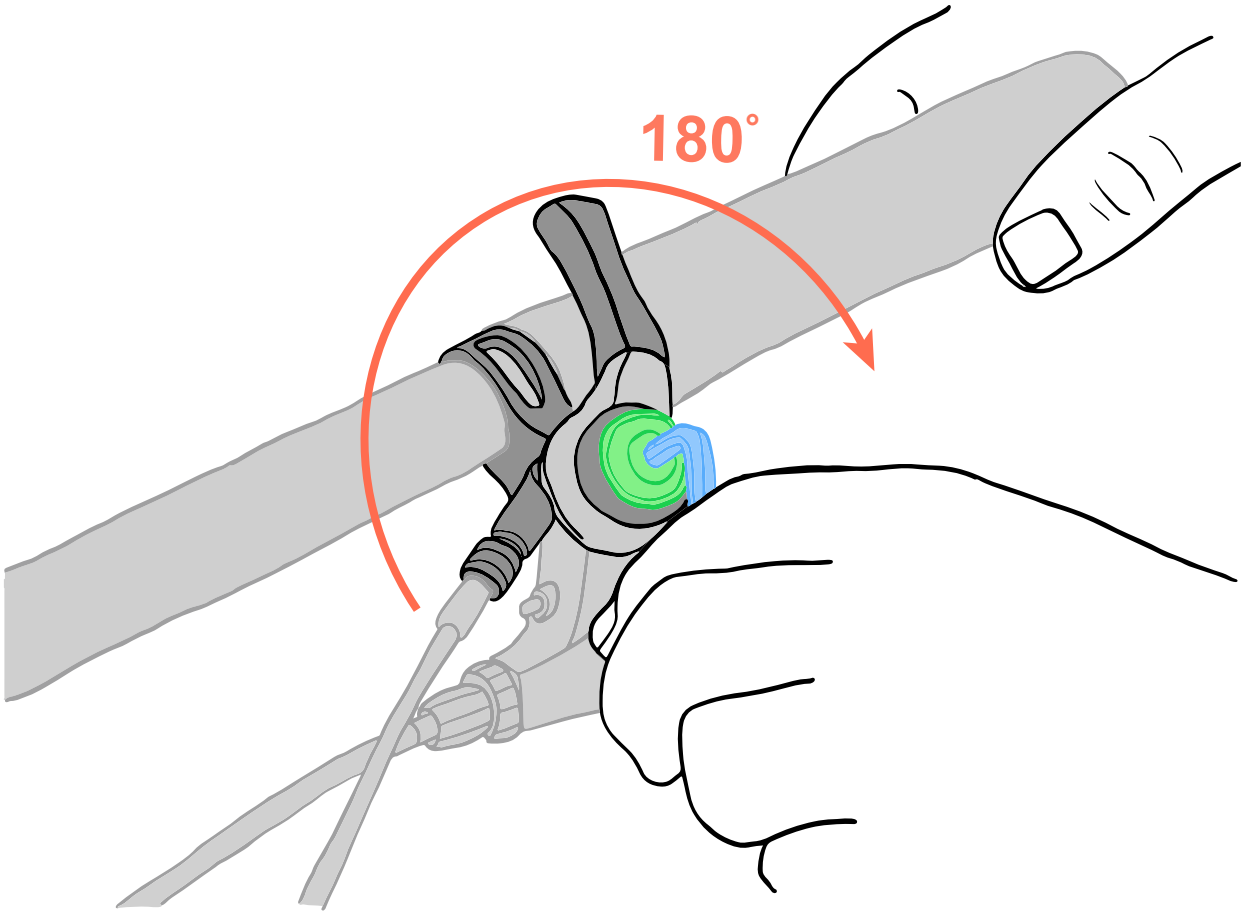
Loosen the torque cap with a 4mm hex wrench until the lever begins to move.



10. Torque Cap Adjustment (Left Shifter)

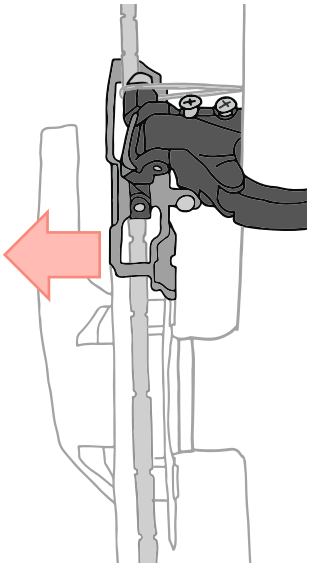
Part IV

Retighten **the torque cap** with **a 4mm hex wrench** by **half a rotation.**

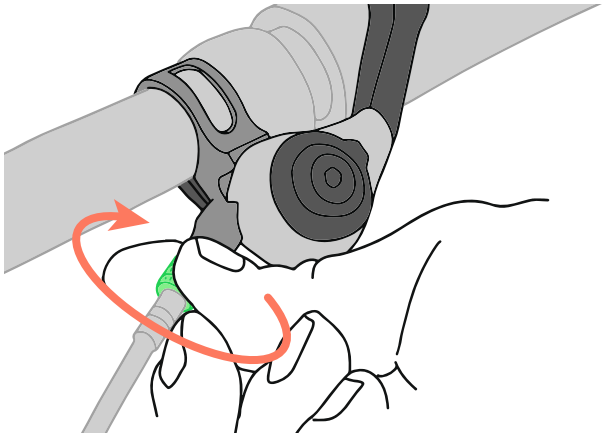


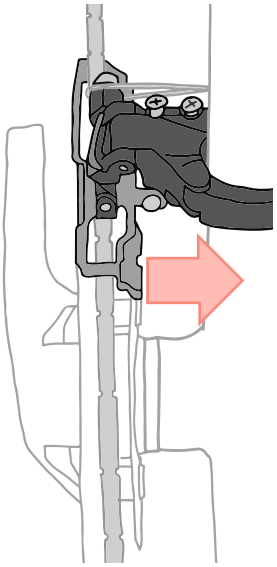
11. Front Derailleur Shifting Adjustment

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

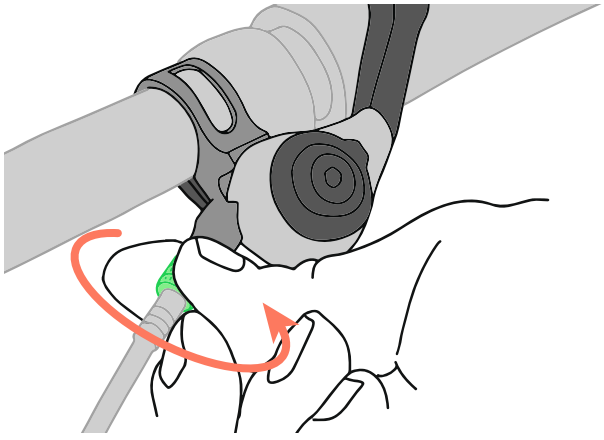


Slow to shift to larger chainrings



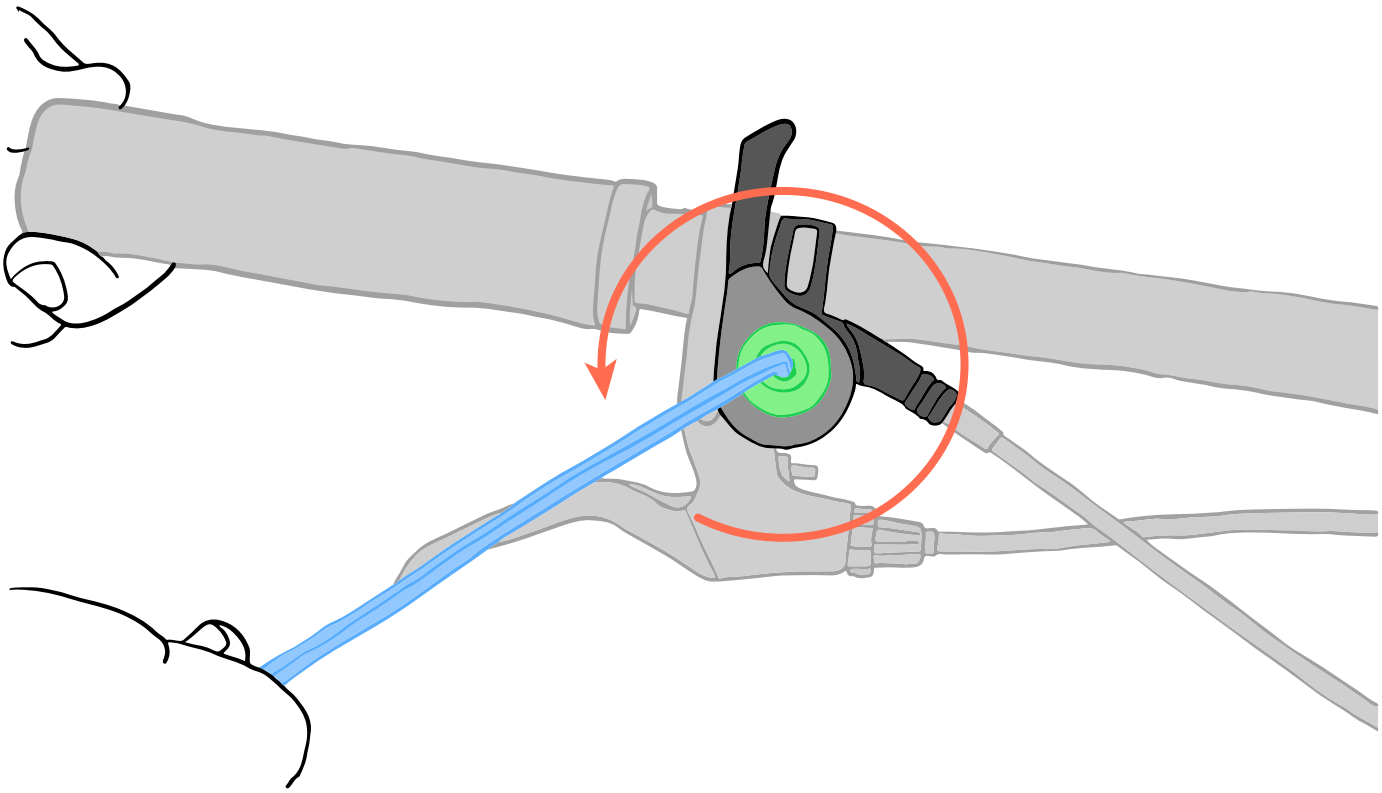


Slow to shift to smaller chainrings



Right Shifter Friction Mode

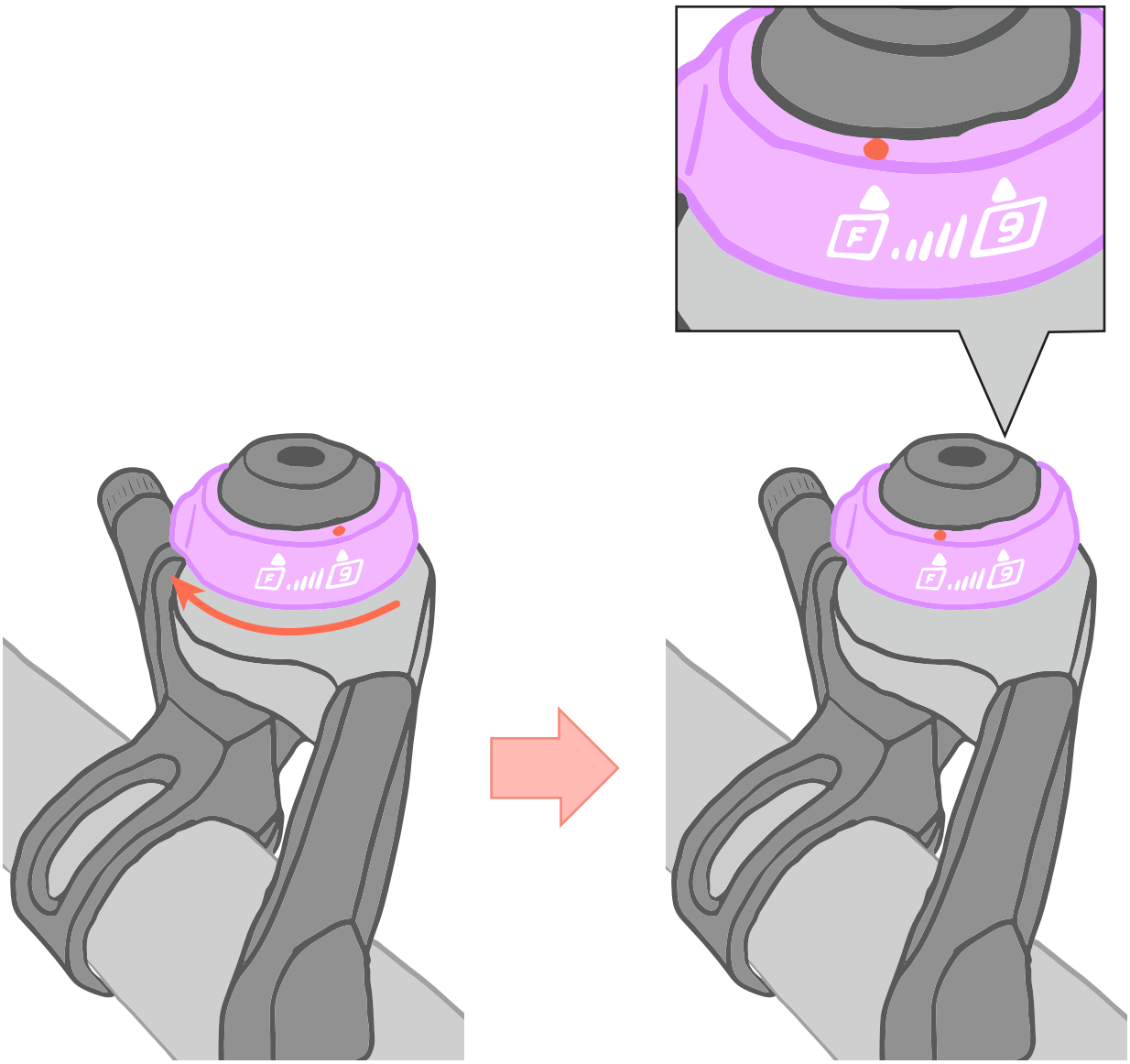
To change the shifting from index to friction mode on the right shifter, loosen **the torque cap** with **a 4mm hex wrench.**



Right Shifter Friction Mode

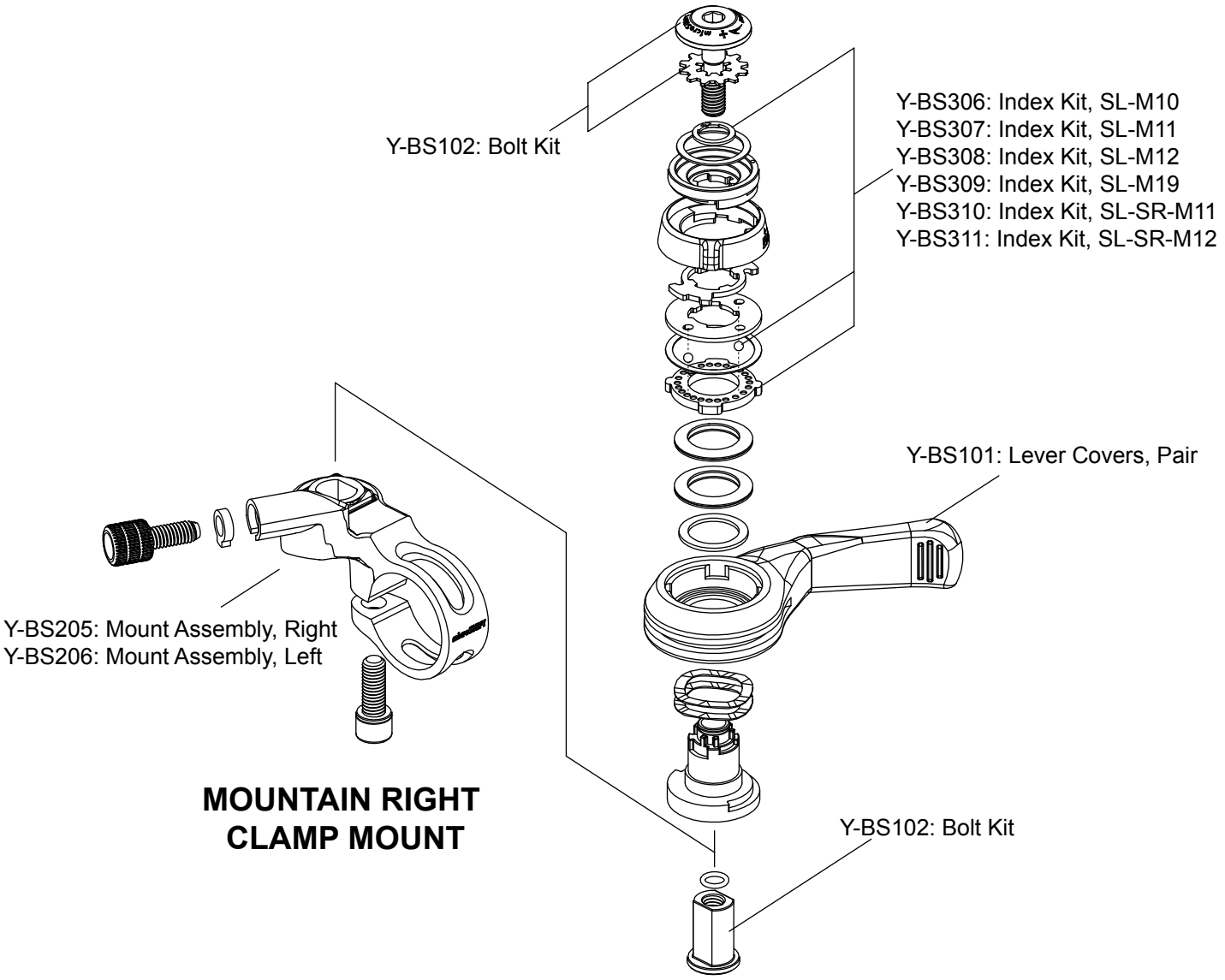
Part II

Turn the dial under the torque cap until the friction icon lines up with the red dot. Perform installation step 10 (page 22). Tighten the torque cap to 2 Nm, loosen until the lever moves, then retighten by a half turn.

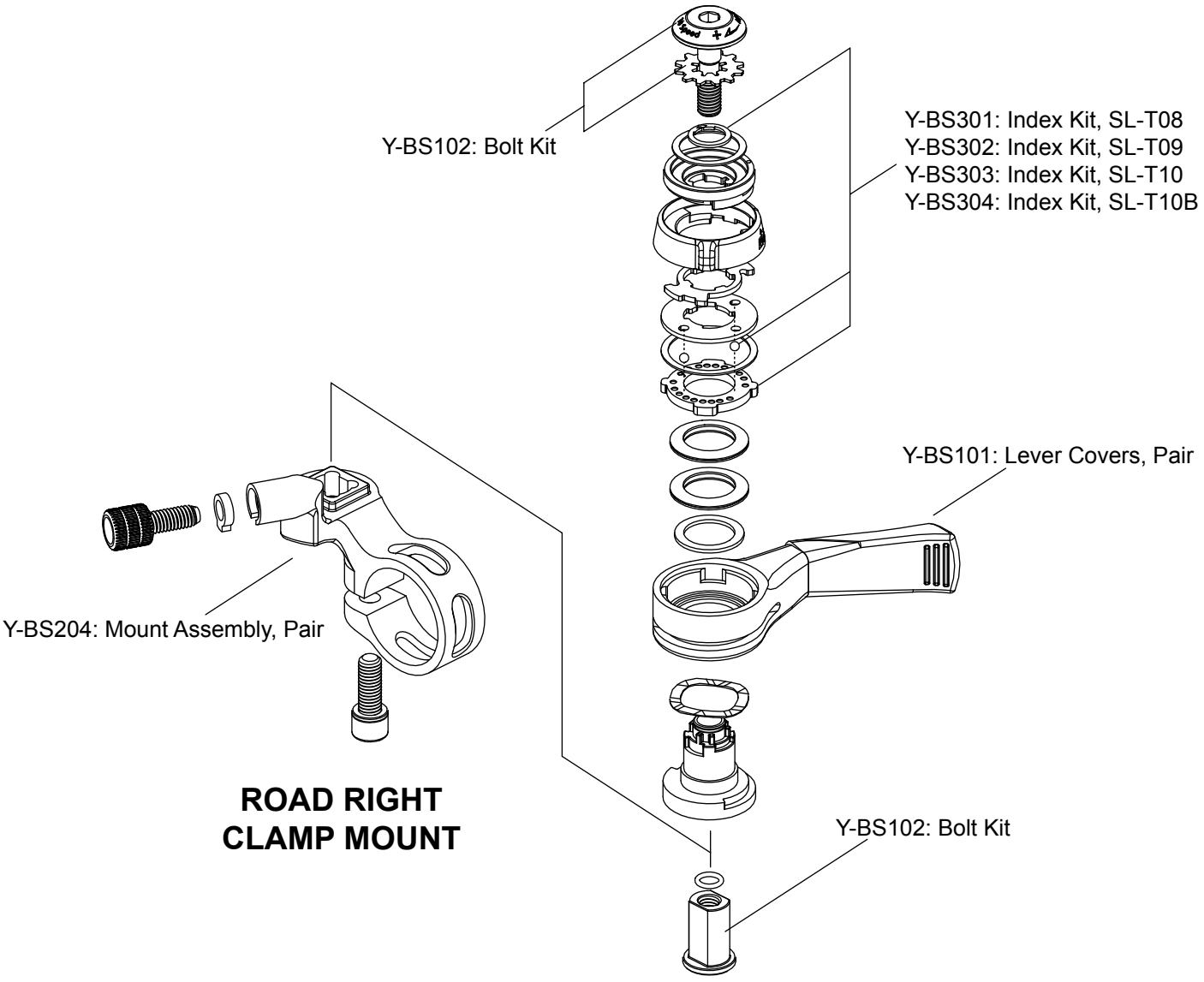


Exploded Diagram & Service Parts

Applicable models: SL-M12, SL-M11, SL-M10, SL-M19,
SL-SR-M12, SL-SR-M11

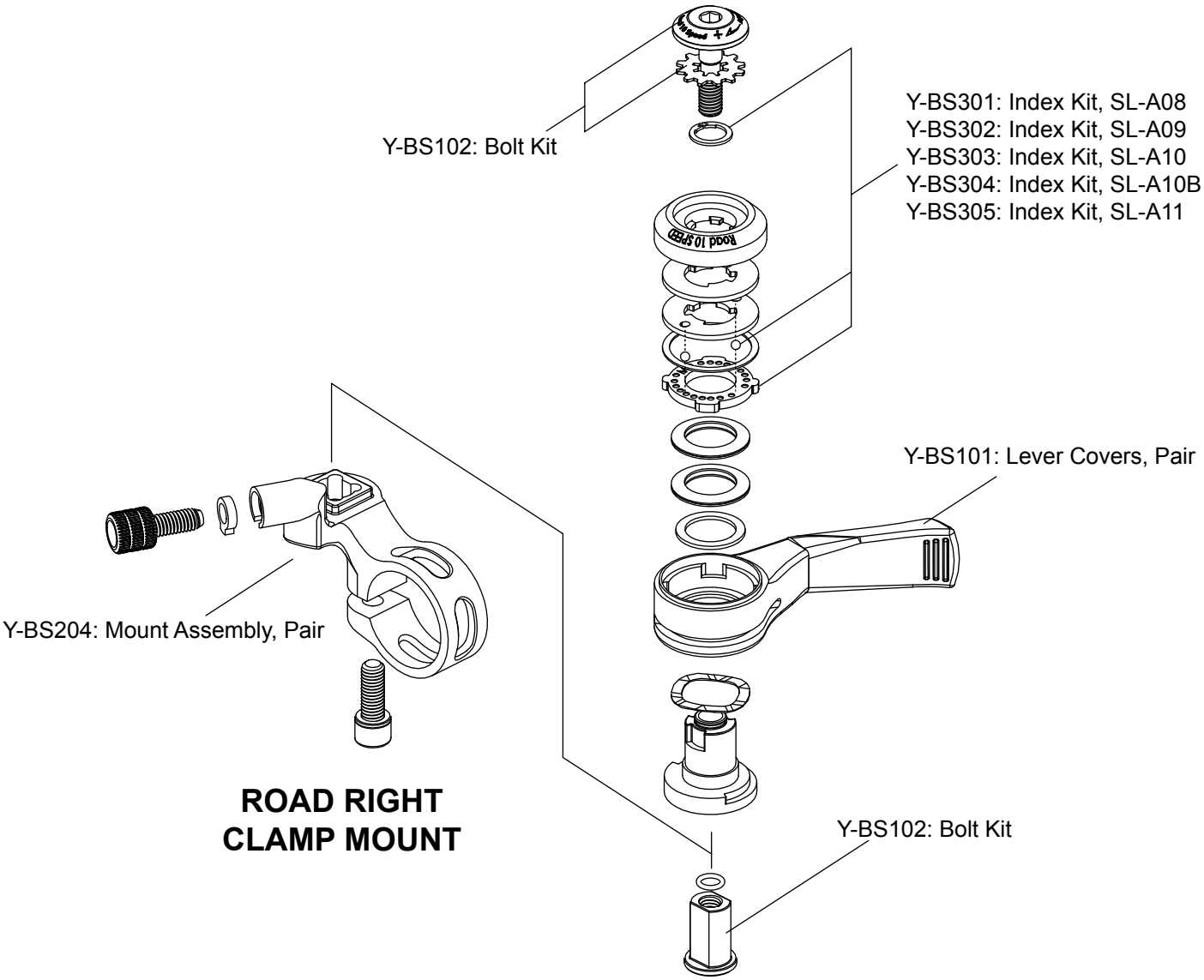


Applicable models: SL-T10B, SL-T10, SL-T09, SL-T08



Exploded Diagram & Service Parts

Applicable models: SL-A11, SL-A10B, SL-A10, SL-A09, SL-A08



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