

microSHIFT
RD-M6915L
ADVENT
Rear
Deraillieur



microSHIFT RD-M6915L ADVENT Rear Deraillieur Instruction Manual

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microSHIFT RD-M6915L ADVENT Rear Deraillieur



Product Information

Specifications

- **Model:** ADVENT Rear Derailleur
- **Version 1:** Long Cage RD-M6915L = 102mm, Medium Cage RD-M6915M = 93mm
- **Version 2:** Medium RD-M6195M-B = 75mm, Super Short Short Cage RD-M6915S = 53mm

Product Usage Instructions

Tools and Supplies

1. Torque wrench
2. 4mm & 5mm Hex bits
3. Screwdriver
4. Chain breaker
5. Cable cutter
6. Tape measurer
7. Derailleur adjustment tool (optional)

Rear Derailleur Installation

Part I: Attach Rear Derailleur

Attach rear derailleur to the bike ensuring the B-tension washer is above the derailleur dropout and engages correctly with the B-tension adjustment screw.

Part II: Fixing Bolt Tightening

Tighten the rear derailleur fixing bolt to 8-10 Nm using a 5mm hex bit torque wrench. Ensure the derailleur can rotate freely.

H-Limit Screw Adjustment

Using a screwdriver, adjust the high-limit screw until the guide pulley aligns with the outer edge of the smallest cog.

Cable Installation

Cable Routing Guidelines

Consult frame manufacturer's cable routing guidelines before cutting housing. Ensure proper housing curve and slack for optimal performance.

Cable Installation

1. Shift to highest gear using index trigger lever before installing cable.
2. Route cable through shifter, housing, and rear derailleur.
3. Route cable underneath cable fixing bolt and washer ensuring it rests in the groove under the washer. Tighten to 5-7 Nm.

Chain Sizing and Installation

Chain Sizing for Full Suspension Bike

1. To size chain on full suspension bike, release air from rear shock or remove shock completely.
2. Move rear axle up and down while measuring distance between bottom bracket and rear axle. Perform next steps at position where they are furthest apart.

Chain Sizing by Derailleur Version

Identify derailleur version and size chain according to cage length to avoid product damage or poor shifting performance.

Cutting and Installation

- For Version 1 derailleurs, place two inner links next to each other, add two inner links, and cut the chain there.
- For Super Short and Version 2 derailleurs, place two inner links next to each other, add one extra inner link, and cut the chain there.

Chain Installation

Route the chain over the smallest cog, following specific instructions for guide pulley, derailment prevention plate, tension pulley, and chainring connection as per chain manufacturer's manual.

REMINDER

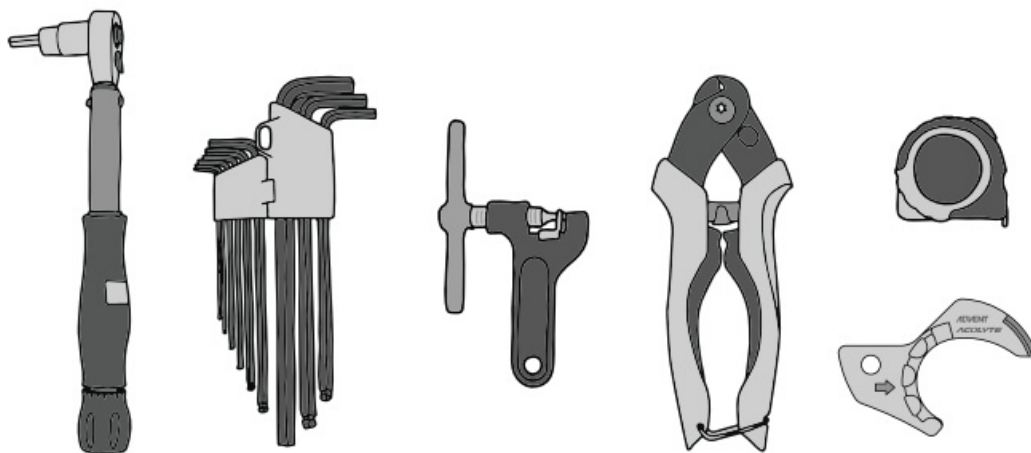
Advent derailleurs have a different chain measurement depending on their model. Advent models are identified by the spacing between their pulley wheels. See Step 6 and Step 10 of these instructions for more information.

Version 1:

- Long Cage RD-M6915L= 102mm
- Medium Cage RD- M6915M = 93mm
- Version 2 :
- Medium RD-M6195M-B = 75mm
- Super Short
- Short Cage RD-M6915S = 53mm

Tools and Supplies

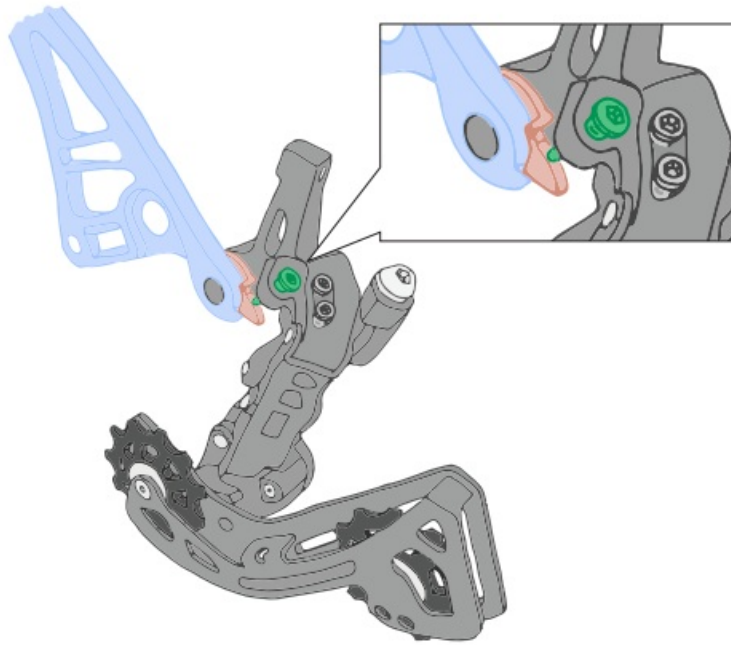
1. Torque wrench
2. 4mm & 5mm Hex bits
3. Screwdriver
4. Chain breaker
5. Cable cutter
6. Tape measurer
7. Derailleur adjustment tool (optional)



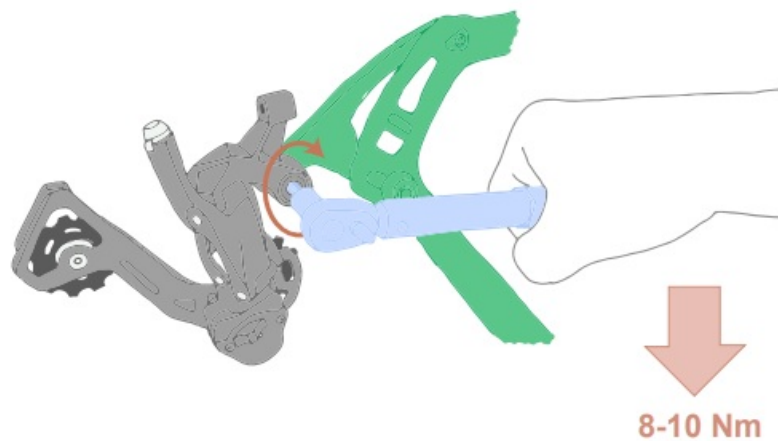
Rear Derailleur Attachment

Part I

Attach rear derailleur to the bike. Make sure the B-tension washer is above the derailleur dropout and engages correctly with the B-tension adjustment screw.

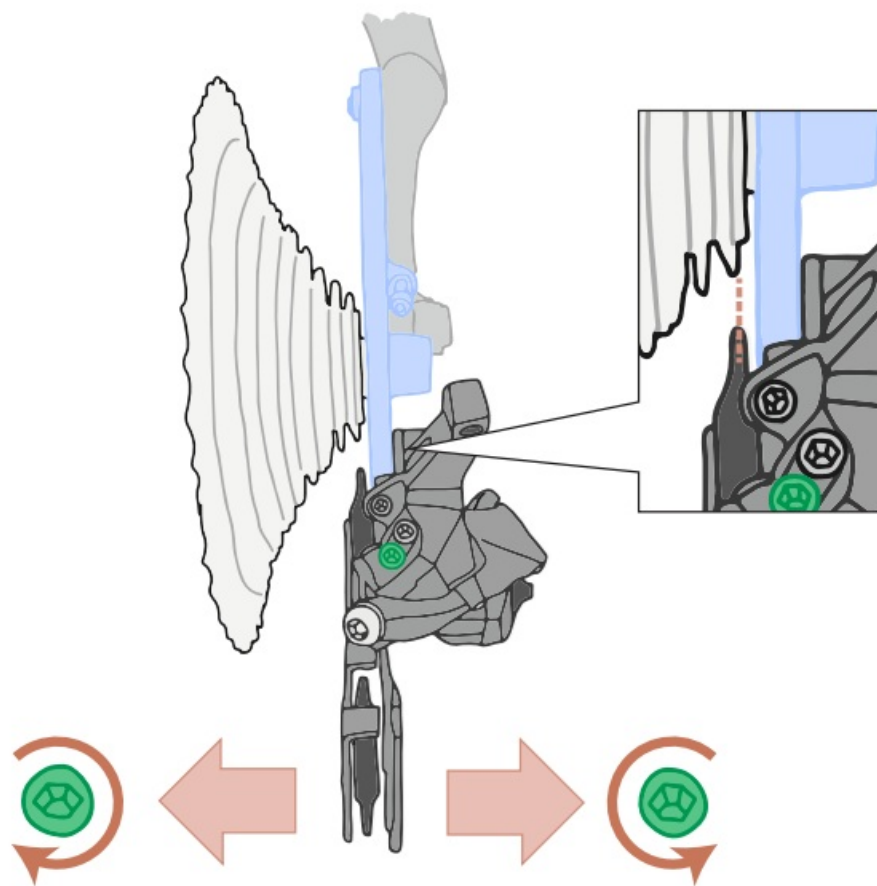


Tighten the rear derailleur fixing bolt to 8-10 Nm with a 5mm hex bit torque wrench. Check to make sure that the derailleur can rotate freely.



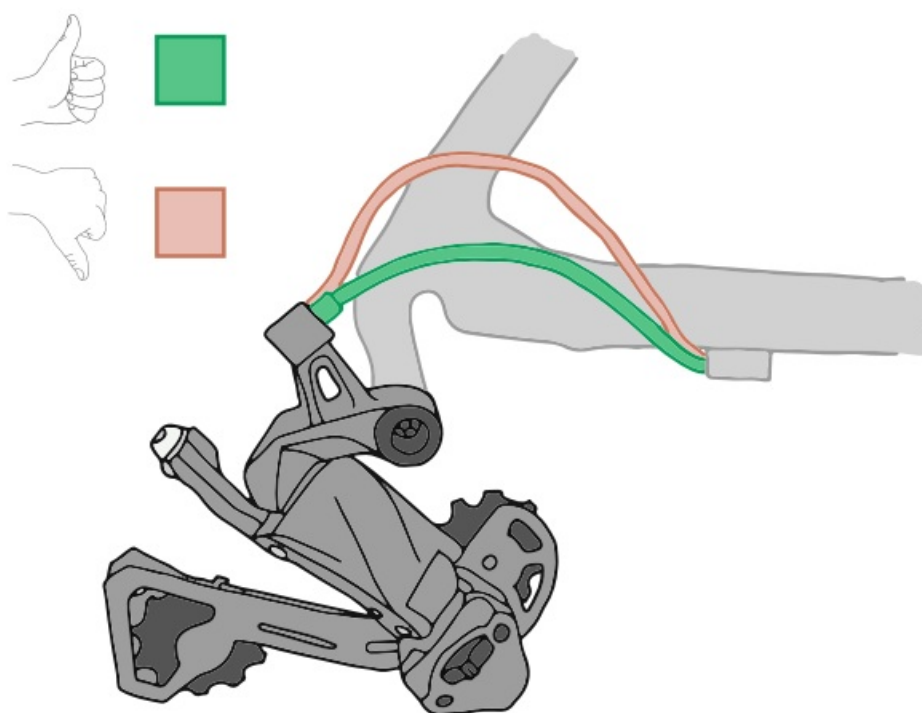
H-Limit Screw Adjustment

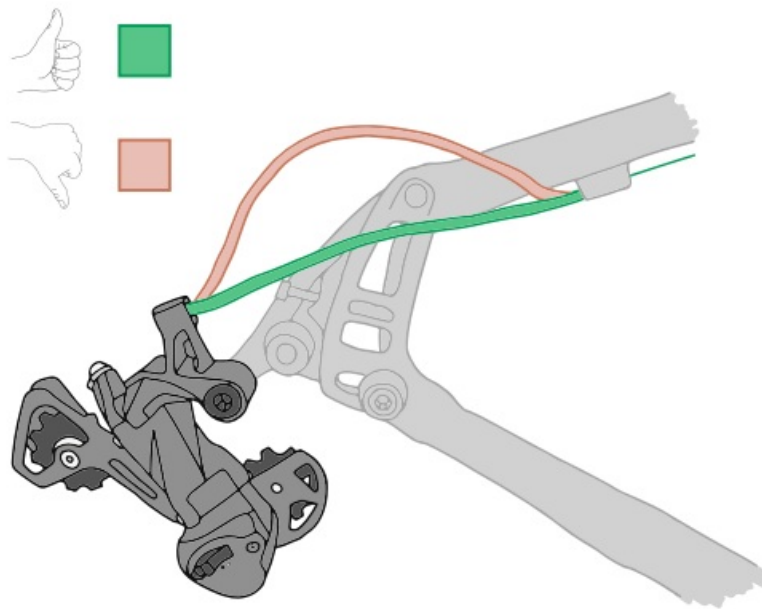
Using a screwdriver, adjust the high-limit screw until the guide pulley aligns with the outer edge of the smallest cog.



Proper Cable Housing

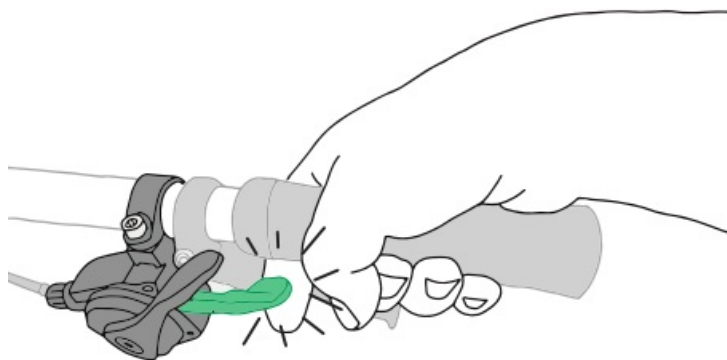
Every frame manufacturer has different cable routing guidelines, so make sure you consult those before cutting the housing. ADVENT works best when there is not too much of a curve in the housing, and not too little slack either. Make sure the end of the housing is sitting against the rear derailleur as well.



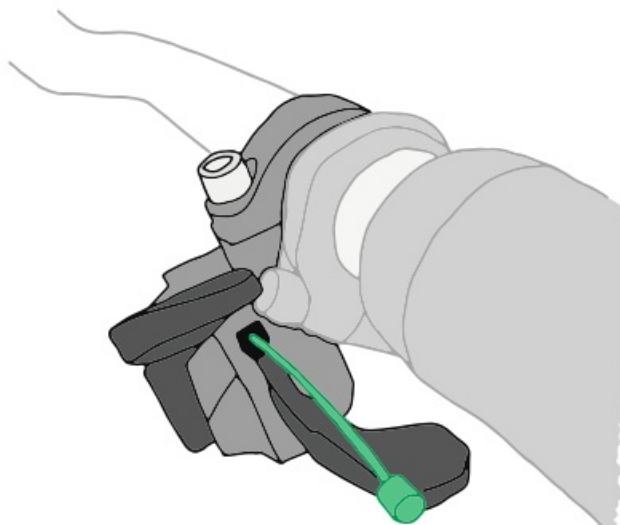


CABLE INSTALLATION

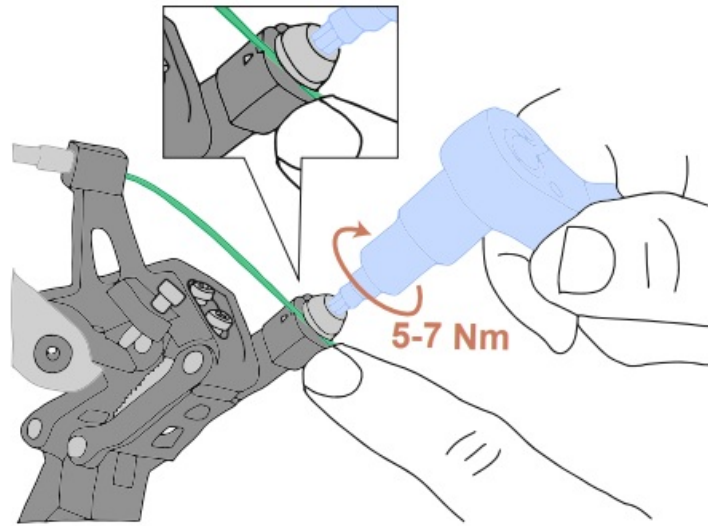
Before installing the cable, use the index trigger lever to shift to the highest gear.



Route the cable through the shifter, housing, and rear derailleur.

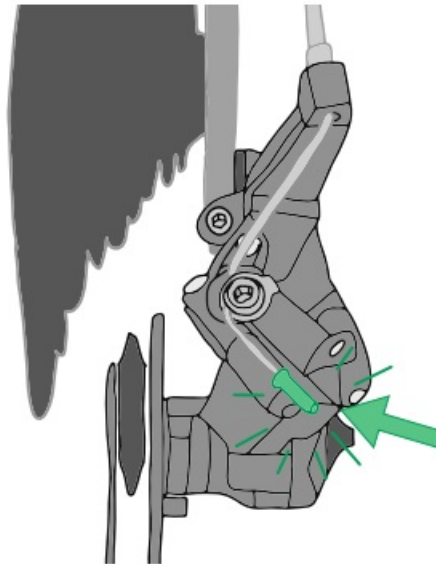


Route the cable underneath the cable fixing bolt and washer. Make sure the cable is resting in the groove under the washer. Tighten to 5-7 Nm.



CABLE INSTALLATION

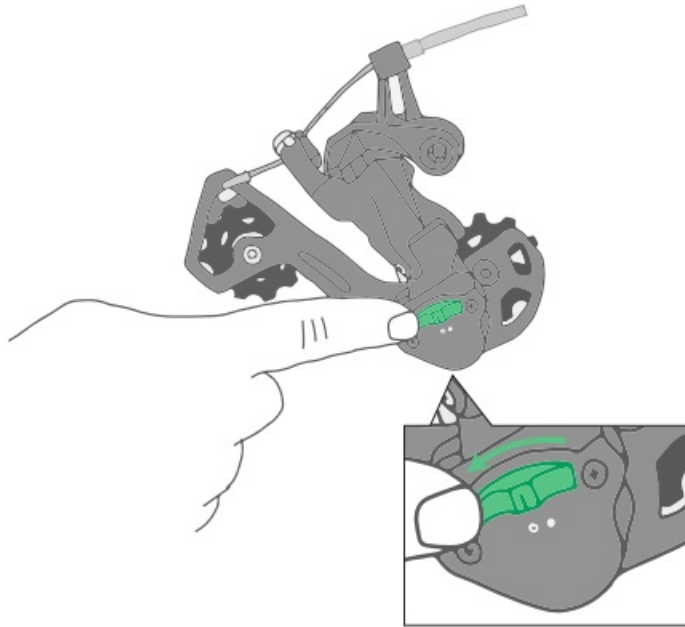
Cut the cable and attach the cable end.



DISABLE CLUTCH

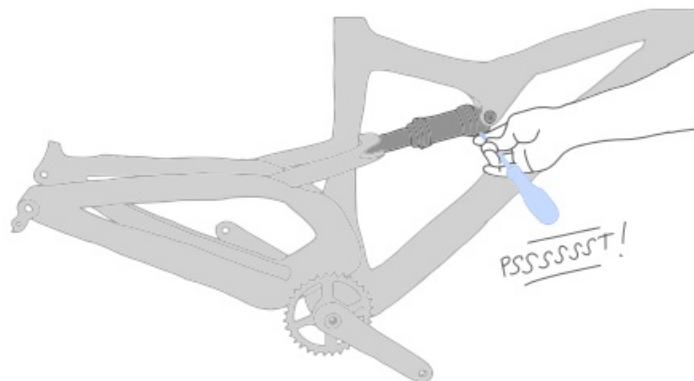
Clutch Rear Deraillieur Only

Disable the clutch by moving the switch on the side of the derailleur to the open circle position



Full Suspension Bike Only

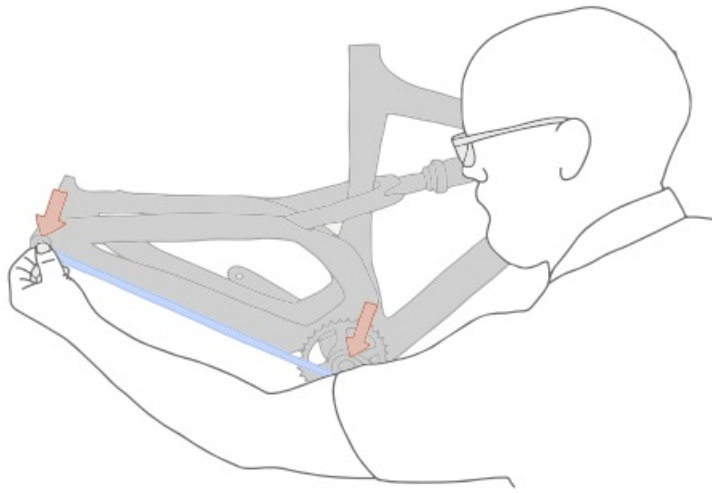
To properly size the chain on a full suspension bike, release air from the rear shock or remove the shock completely.



CHAIN SIZING

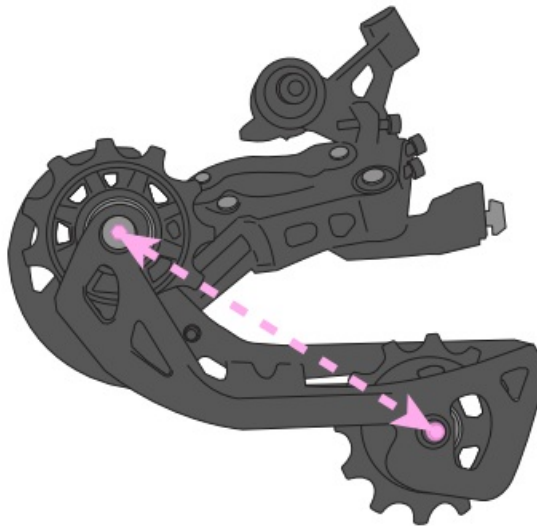
Full Suspension Bike Only

Move the rear axle up and down as you measure the distance between the bottom bracket and the rear axle. Find the position where they are furthest apart and perform the next step at this position.



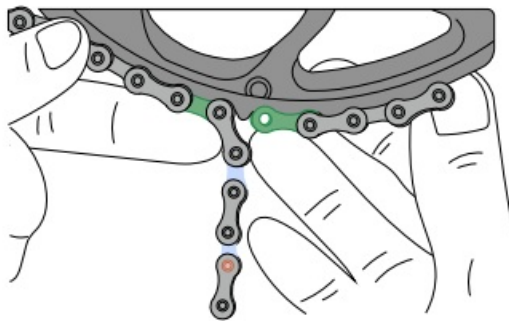
Identify your derailleur version, and size the chain according to cage length. Incorrect chain sizing may damage the products or cause poor shifting performance.

For Version 1 derailleurs, place two inner links next to each other, add two inner links, and cut the chain there.

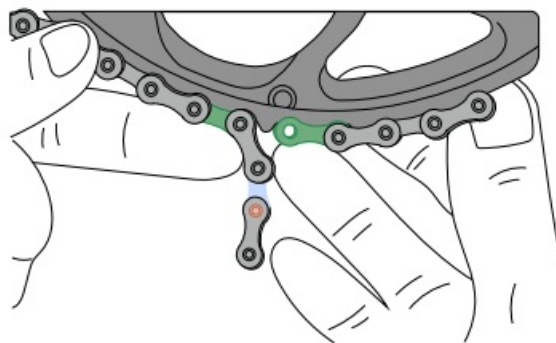
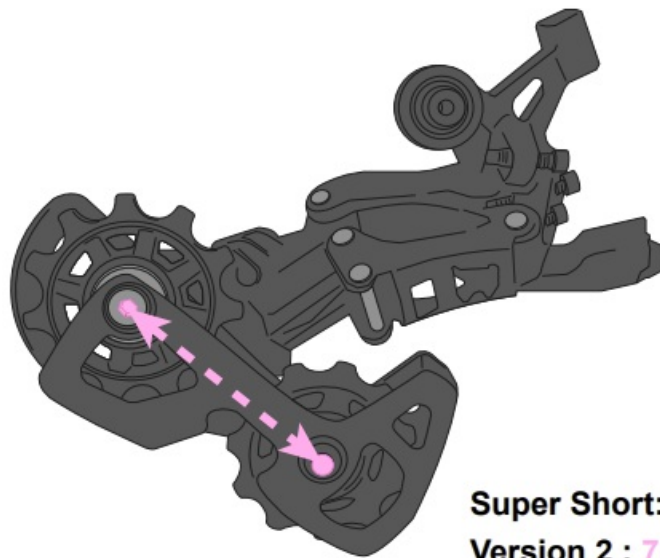


Version 1: 93mm, 102mm

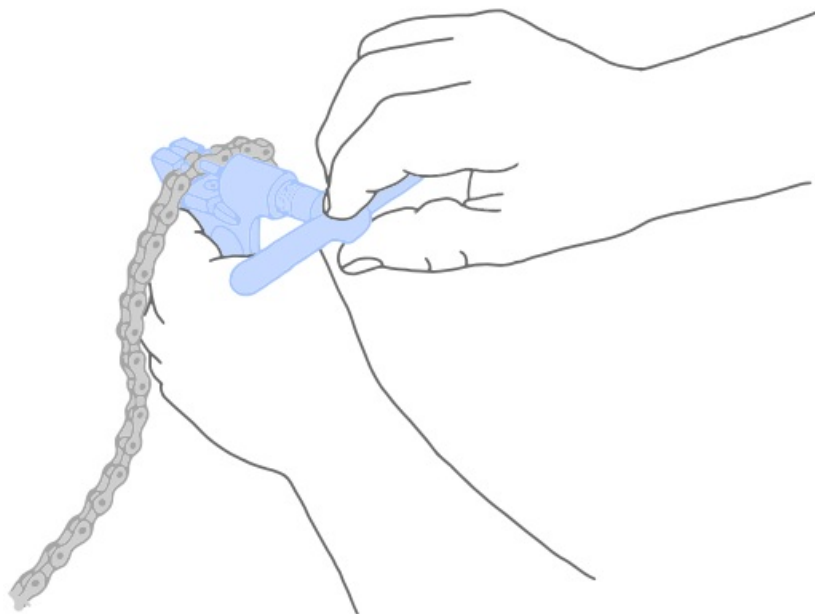
For Super Short and Version 2 derailleurs, place two inner links next to each other, add one extra inner link and cut the chain there.



For Super Short and Version 2 derailleurs, place two inner links next to each other, add one extra inner link and cut the chain there.

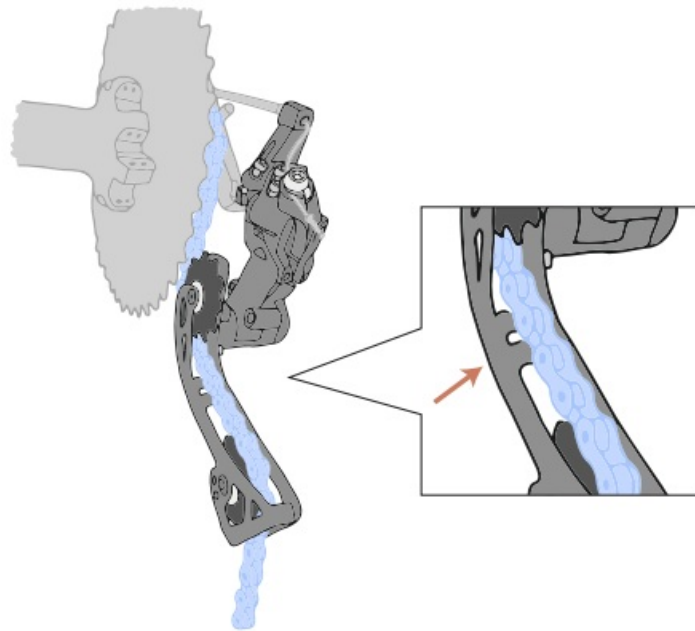


Cut the chain using a chain breaker.



CHAIN INSTALLATION

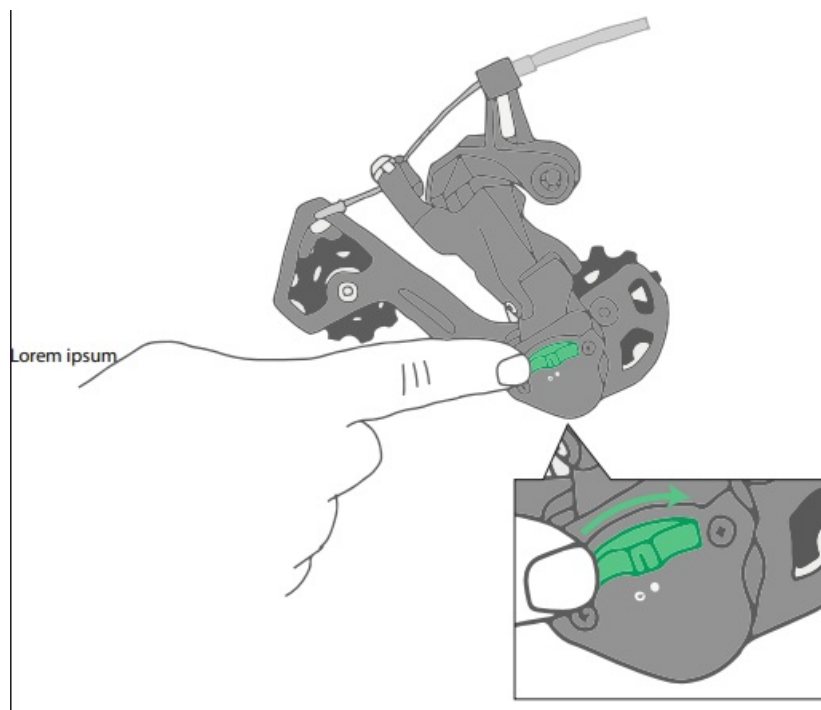
Route the chain over the smallest cog, in front of the guide pulley, behind the derailment prevention plate, and behind the tension pulley. Wrap the chain around the chainring and connect the chain according to the chain manufacturer's instruction manual.



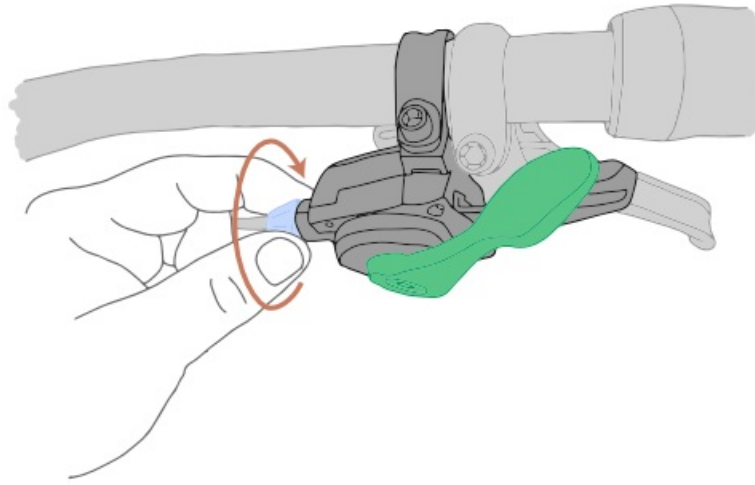
SHIFTING ADJUSTMENT

Clutch Rear Derailleur Only

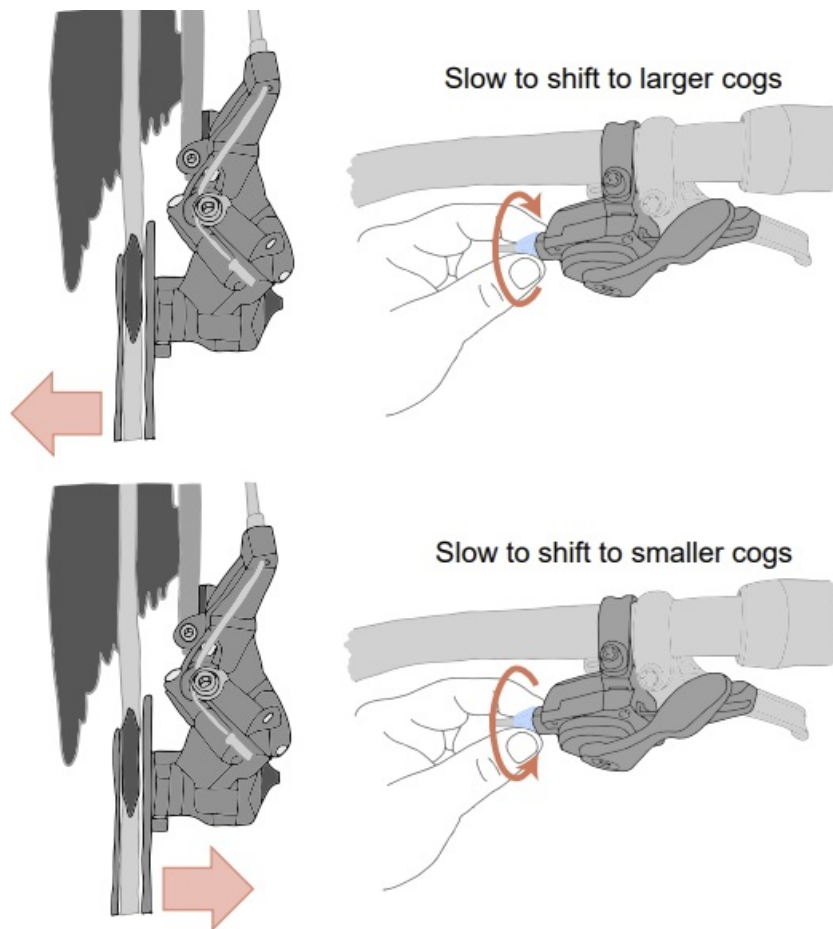
Before adjusting the shifting, enable the clutch by moving the switch on the side of the derailleur to the closed circle position.



Shift from the smallest cog to the 2nd smallest cog by pressing the lower thumb trigger lever on the shifter. If the chain doesn't move, turn the barrel adjuster on the shifter counter-clockwise. Repeat until the derailleur shifts to the 2nd smallest cog.

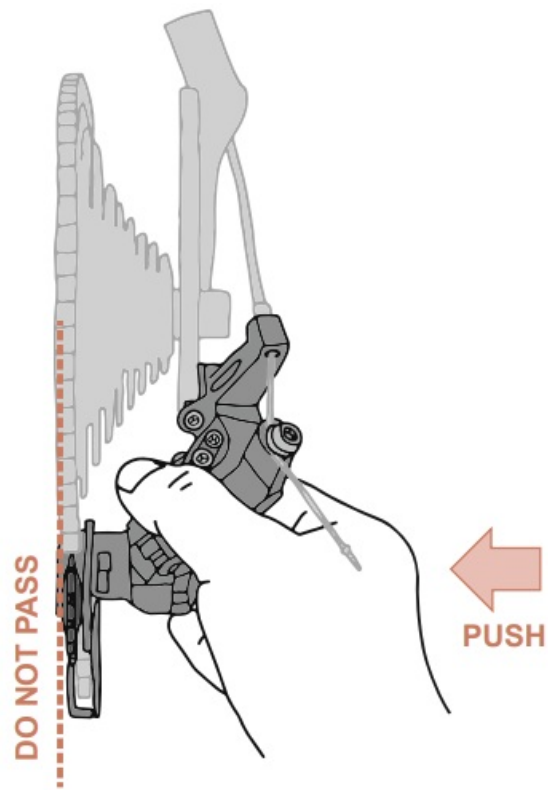


Now make several shifts up and down the cassette. If shifting is slow to move to a larger cog, turn the barrel adjuster counter-clockwise. If the shifting is slow to move to a smaller cog, turn the barrel adjuster clockwise.

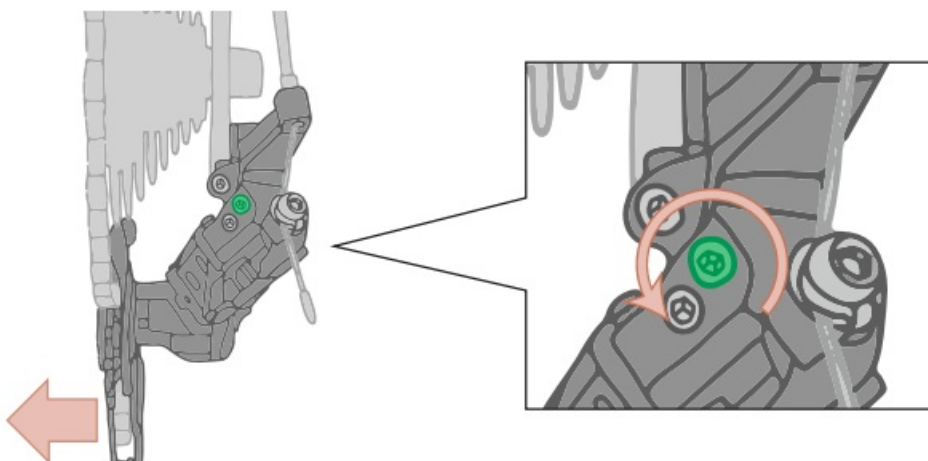
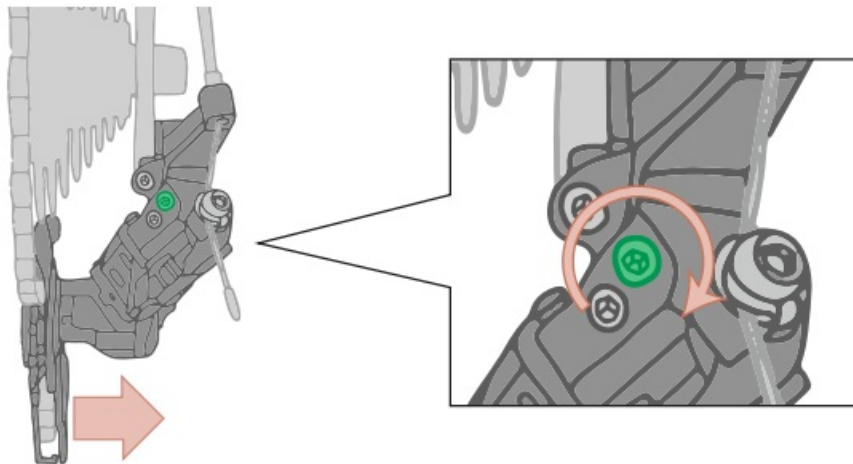


L-Limit Screw Adjustment

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.

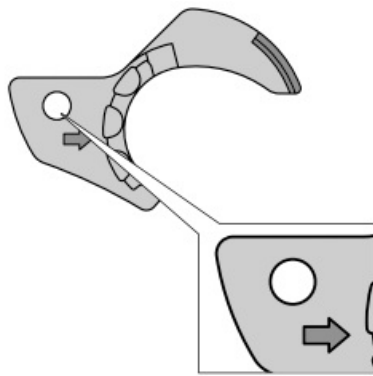


Tighten the low limit screw until you can't move the derailleur past the largest cog. Shift down and back up to the largest cog. If it is slow to shift to the largest cog, loosen the low limit screw.

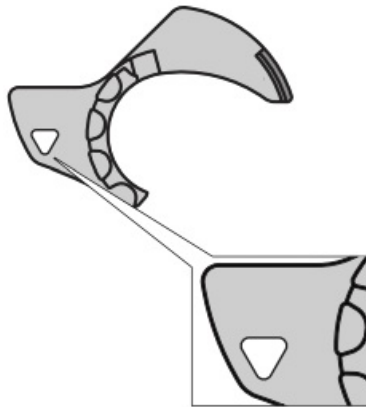


Tool Identify

Adjust B-tension WITH a derailleur adjustment tool

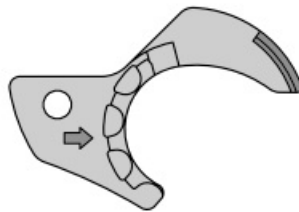


For 53mm,93mm,102mm use
Version 1 tool

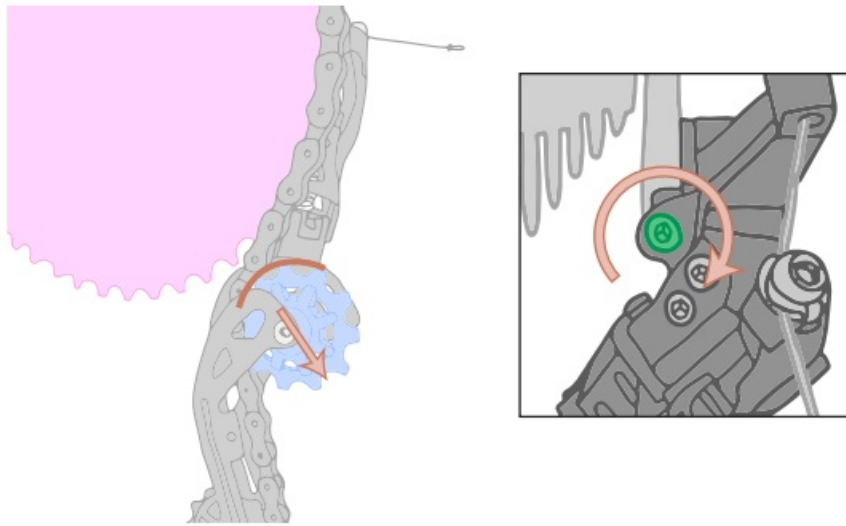


For 75mm use Version 2 tool

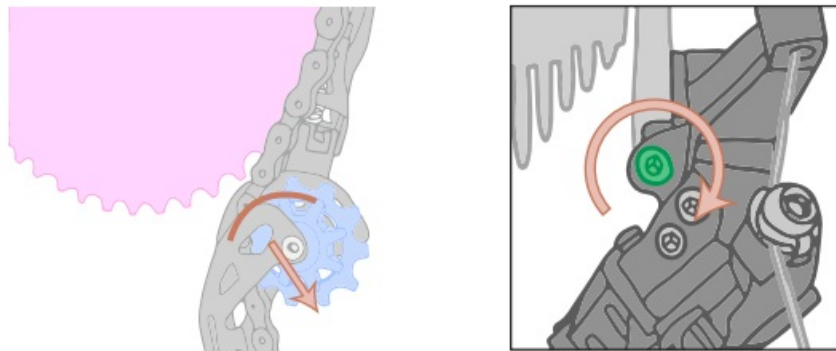
B-Tension Screw Adjustment



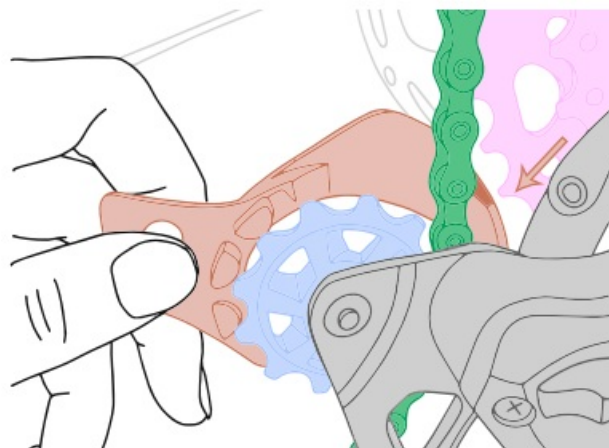
With the chain in the largest cog, tighten the B-tension screw to move the guide pulley away from the the largest cog



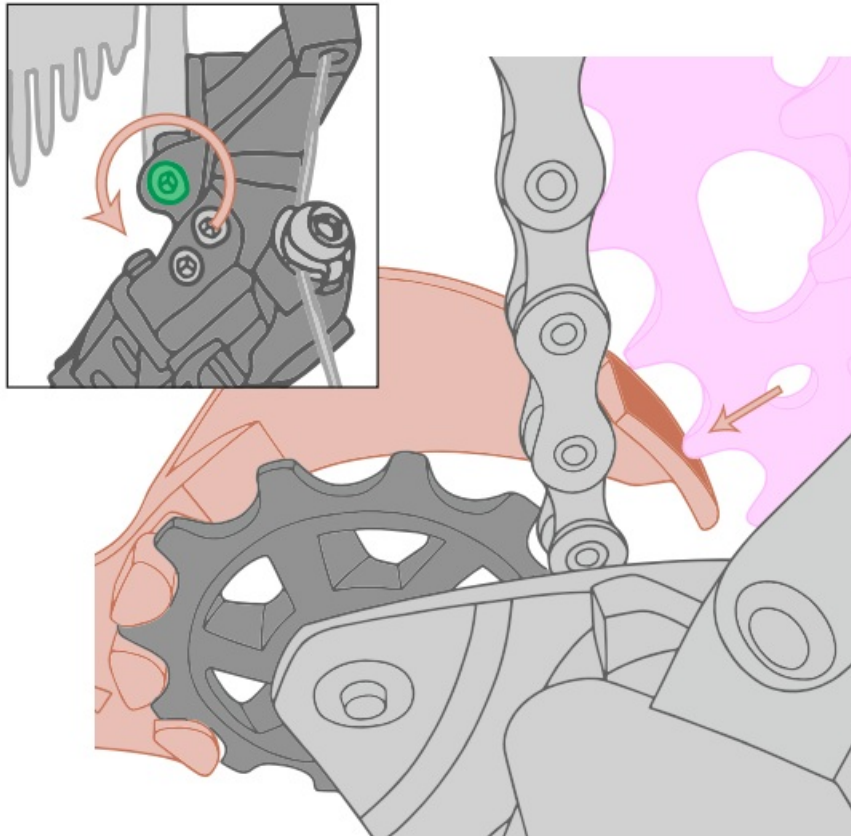
With the chain in the largest cog, tighten the B-tension screw to move the guide pulley away from the the largest cog.



Snap the derailleur adjustment tool on to the guide pulley. Make sure the tool is touching the chain but not touching the cassette cog. Tighten the B-tension screw if the tool does not have enough room.

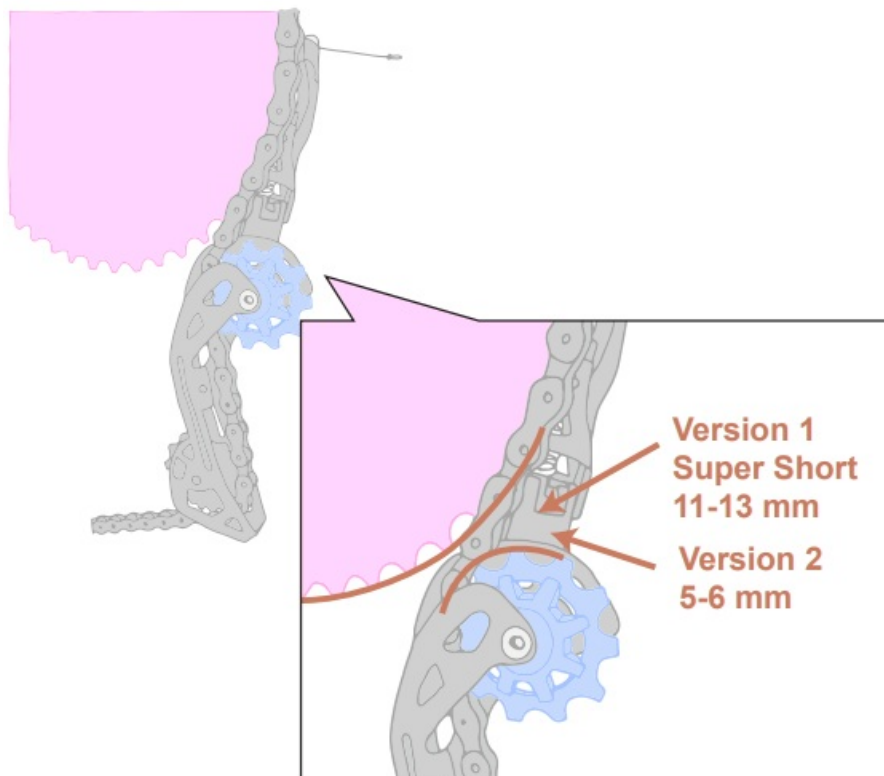


Loosen the B-tension screw until the derailleur adjustment tool lightly touches the tallest tooth of the largest cog. Remove the tool when finished.



Adjust B-tension WITHOUT a derailleur adjustment tool

Adjust the B-tension screw to set the distance between the guide pulley and the tallest teeth of the largest cog.



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Frequently Asked Questions

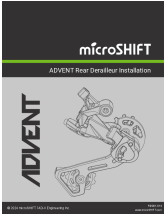
Q: How do I identify the correct chain sizing for my ADVENT Rear Derailleur?

A: Consult the user manual for your specific ADVENT model to determine the chain sizing based on the cage length of your derailleur. Incorrect chain sizing may lead to poor performance or damage.

Q: What is the torque specification for tightening the rear derailleur fixing bolt?

A: The recommended torque for tightening the rear derailleur fixing bolt is between 8-10 Nm using a 5mm hex bit torque wrench.

Documents / Resources

	<p>microSHIFT RD-M6915L ADVENT Rear Derailleur [pdf] Instruction Manual RD-M6915L, RD-M6915M, RD-M6195M-B, RD-M6915S, RD-M6915L ADVENT Rear Derailleur , ADVENT Rear Derailleur, Rear Derailleur, Derailleur</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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