Chain Installation and Length Adjustment

Applies to hardtail, suspension and E-bike applications.

Ensure that the chain being installed is compatible with the derailleur speed.

1. When installing an existing, replacement or new Box™ chain, shift the rear derailleur to the smallest cog (highest gear) to provide clearance when installing the chain for sizing for single 1x drivetrains.

2. Place chain on the high gear (smallest cog) of the cassette and on top of the front chainring.

3. Route the chain through the serpentine of the derailleur pulleys, making sure it passes through the cage correctly (see diagram). If running a chain guide or installing on an EBike, ensure that the chain is installed through the guide or as per the E-Bike manufacturer’s instructions.

4. Pull the two ends of the chain together so that the derailleur is away from the cage stop.

5. Ensure that the chain is seated fully on the small rear cog and front chainring, and if there is any excess chain remaining, mark the pin with a marker/paint pen.

6. Using a chain breaker tool that is appropriate for the chain speed, cut the chain at the marked section to remove the excess chain links.

7. Insert the chains quick link so that the front link pin rotates towards the back.

8. Rotate the cranks forward so that the quicklink is above the bicycles chainstay.

9. Apply the rear brake and rotate the cranks forward to snap the quicklink halves together.