

Chain Removal and Installation



Tools Needed

- Chain Lube
- Chain Breaker

Finish Line Krytech Chain Lube Part # 811130

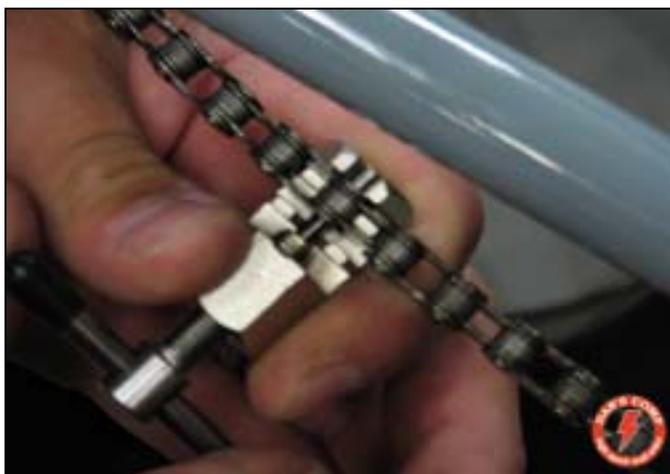
Chain Breaker Part # 811087

If you are using a half link chain, we highly recommend the Shadow Interlock Chain Breaker.

Shadow Interlock Chain Breaker Part # 811407

Step One

- Loosen the axle nuts of the rear wheel and slide the wheel all the way forward in the dropouts. You should see the chain sag.



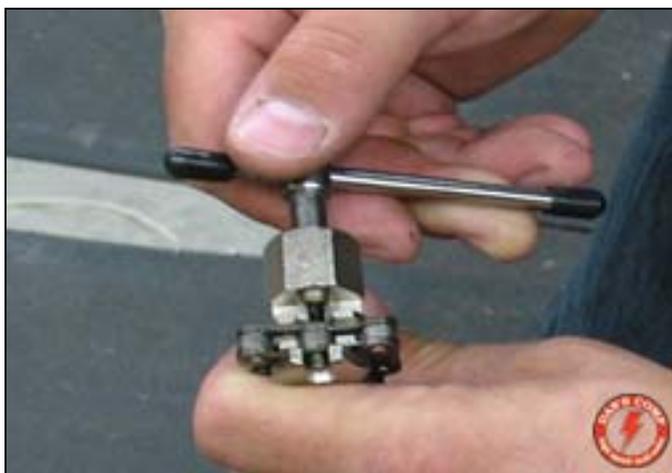
Step Two

- Use the chain breaker to break the chain apart. To do this, insert the chain in the appropriate slot of the chain breaker. There are two slots in the chain breaker. One slot is for 3/32" and 1/8" chains and the other slot is for 1/8" chains with thicker side plates. Once the chain is in the correct slot of the chain breaker, tighten the handle so that the pin in the threaded shaft of the chain breaker touches the pin in the chain. If the two pins are lined up then tighten the handle of the chain breaker to start pushing the pin in the chain out. Do not push the pin all the way out of the chain. The pin should only be pushed out enough to get the chain apart. Back the handle of the chain breaker out so that the pin of the chain breaker clears the chain.
- Remove the chain breaker from the chain and the chain from the bike.

These instructions are to be used as a guide only. Improperly installed parts may lead to severe injury or harm. We strongly recommend that a properly trained bike mechanic handle all installations, adjustments and repairs on your bike. As always...Ride Safe!

Step Three

- The first step of the new chain installation is getting the length of the chain correct. The new chain will need to be shortened. Use your old chain to determine the length of the new chain. Lay the old and new chain out side by side and determine where to break the new chain. Notice the old chain has two different ends. One end is male and the other is female. The new chain has to be the same way, male and female ends. Line the male ends up of the old and the new chain and stretch the two chains out so they are side by side. Notice where the old chains female end lines up with the new chain. It should line up with another female end. If it doesn't, this is because the old chain is stretched. Make sure the new chain is going to be broken at a female end that lines up or the female end that is slightly shorter than the old chains female end.

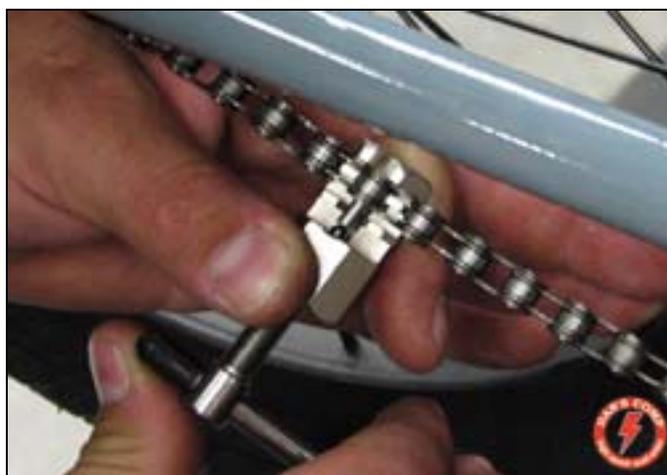


Step Four

- Once the proper female end of the new chain has been determined, use the chain breaker to remove the excess chain from the new chain. Use the same method as stated in Step Two of the removal section.

Step Five

- Place the new chain on the chain wheel and freewheel on the bike and snap the male and female ends together. Use the chain breaker to press the pin from the male end into the female end. The pin will go all the way on and come out the other side of the male link. Make sure that the pin sticks out the same on both sides.
- Remove the chain breaker from the chain. Check the male and female end that was just pressed together for tightness. If the links are tight and don't move freely, bend the two links side to side and this will free them up.



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Step Six

- Pull the wheel towards the back of the dropouts and align the wheel side to side in the seatstays and the chainstays. Make sure the brake pads are not rubbing the rim.
- Slightly tighten the axle nuts and spin the cranks to check for chain alignment. Make sure the chain is not too tight. Loosen the chain if necessary.
- Tighten the axle nuts completely.

Maintenance

- Wipe the chain down once a week or so with a clean rag to ensure that it stays clean.
- Make sure the chain stays lubed. Use a light oil or chain lubricant after every wipe down of the chain.



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