



Bicycle chainring replacement

Learn how to replace a bike's chainring.

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INTRODUCTION

Do you have an old bike that needs to be restored? A bike's chainring is one of many things that can be easily worn down as bikes age. A chainring connects the bike chain to the rear wheel of the bike. Restore a bike's old chainring by replacing it with a new chainring.



TOOLS:

- [5mm Hex Key](#) (1)
- [Chainring Bolt Spanner](#) (1)
- [Bike Grease](#) (1)
- [Paper Towels](#) (1)
- [15 mm Box End Wrench](#) (1)



PARTS:

- [Chainring](#) (1)
- [Chainring Bolt](#) (1)

Step 1 — Chainring



- Unscrew both nuts on opposite sides of the rear wheel with the 15 mm wrench until the wheel loosens from the bike frame.
- Loosen the nuts with the 15 mm wrench and continue unscrewing the nuts with your hands.
- Push the rear wheel forward until enough slack is given on the chain.

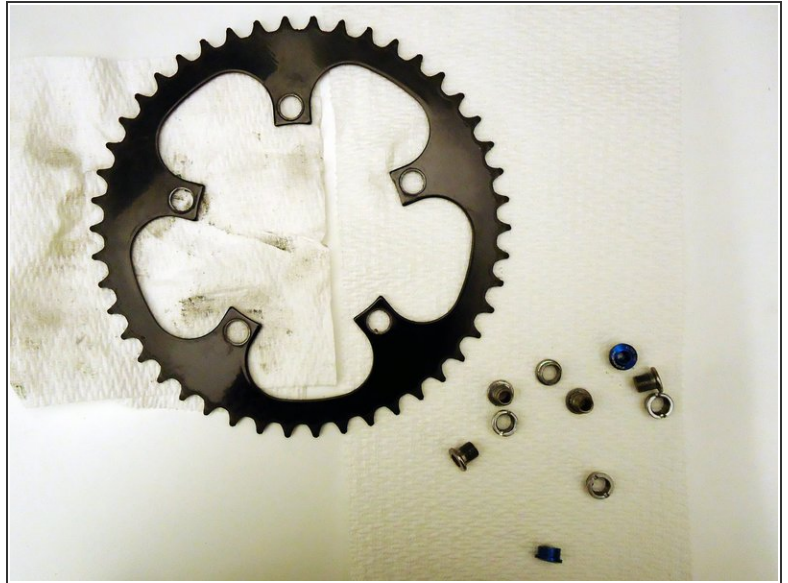
Step 2



- With the slack previously made, remove the chain off the chainring.

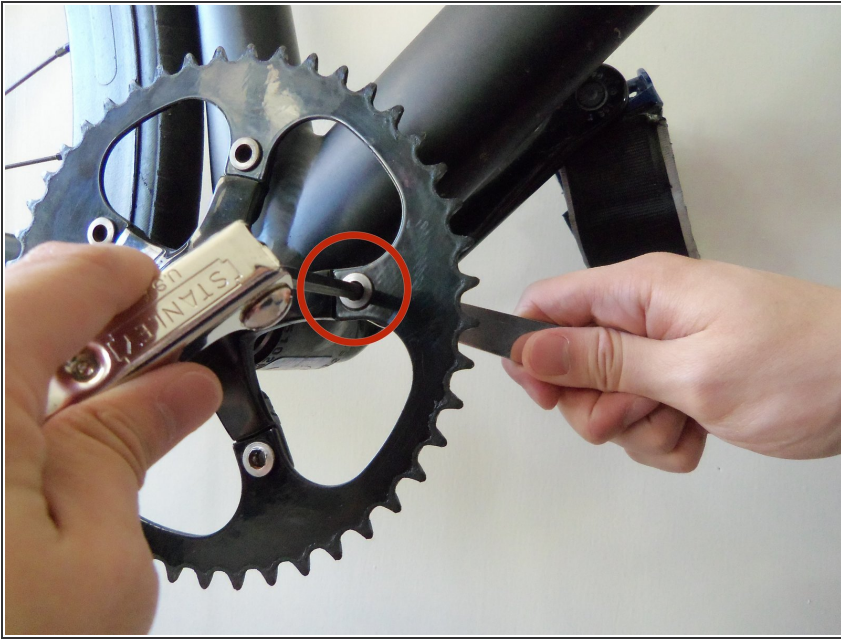
 Touching the chain isn't dangerous, but it will be dirty.

Step 3



- Locate chainring, the gear connected to the pedals.
- Place the spanner tool on the backside of the 6.5 mm chainring bolt. The spanner will be used to keep the bolts in place while unscrewing them on the opposite sides.
- ⓘ On the chainring there will be one bolt facing the opposite direction, usually the bolt blocked by the pedal. Adjust for this by swapping use of the hex key and spanner tool.

Step 4



- With the spanner tool on one side of the chainring, use a 5 mm hex key to remove the chainring bolts on the opposite side.
- Repeat with the rest of the bolts.

Step 5



- Use clean paper towels to wipe off the chainring bolts. Make sure to wipe off all the dirt and grease you can.
- ⓘ Clean thoroughly within the threads.

Step 6



- Now that the chainring bolts are clean, apply a pea-sized amount of grease to each bolt.

Step 7



- Use your fingers to evenly spread a coat the grease around the entire bolt.
- ⚠ If the chainring bolts contain rust, it is recommended to replace the bolts with a new set.

To reassemble your device, follow these instructions in reverse order.