



# Raleigh M20 Chain Guard Replacement

In this guide, you will be instructed on how to disassemble the chain guard from the Raleigh M20 Mountain Bike.

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# INTRODUCTION

Follow this guide to learn how to replace the chain guard. Before removing the crank arms, the pedals must first be removed . To reassemble the crank arms and chain guard, follow steps in reverse order.



## TOOLS:

- [Adjustable 8inch Crescent Wrench](#) (1)
- [Crank Arm Puller](#) (1)
- [Flathead Screwdriver](#) (1)
- [Phillips #2 Screwdriver](#) (1)
- [Socket Wrench](#) (1)

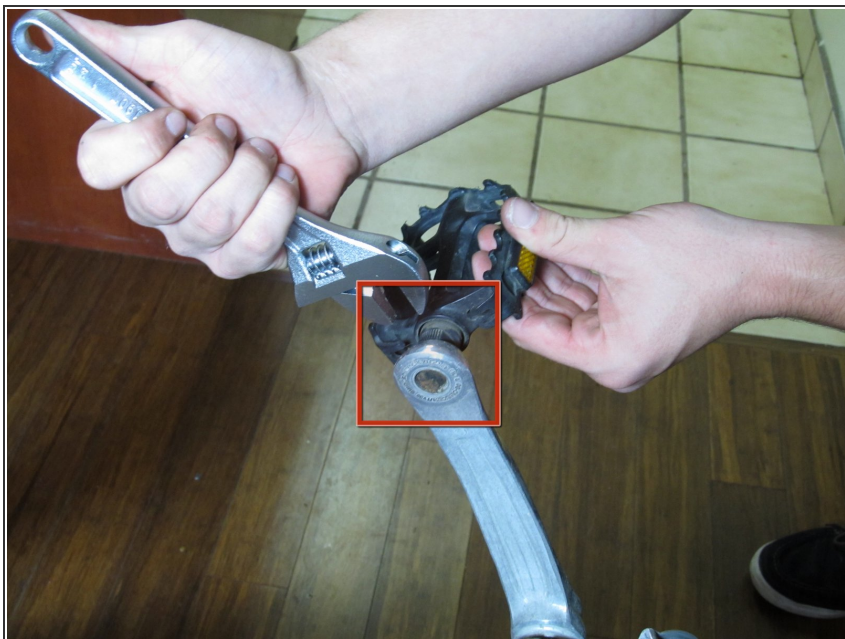


## PARTS:

- [Pedal](#) (1)



## Step 1 — Raleigh M20 Pedal Removal



- Use an 8" adjustable crescent wrench to fit it into the base of the pedal.

## Step 2



- Twist the the wrench in a counter -clockwise direction to unscrew the right-side pedal (The chain side).
- Repeat the process on the other side with a clockwise direction.

### Step 3



- Turn the wrench continuously until the pedal detaches from the crank arm.

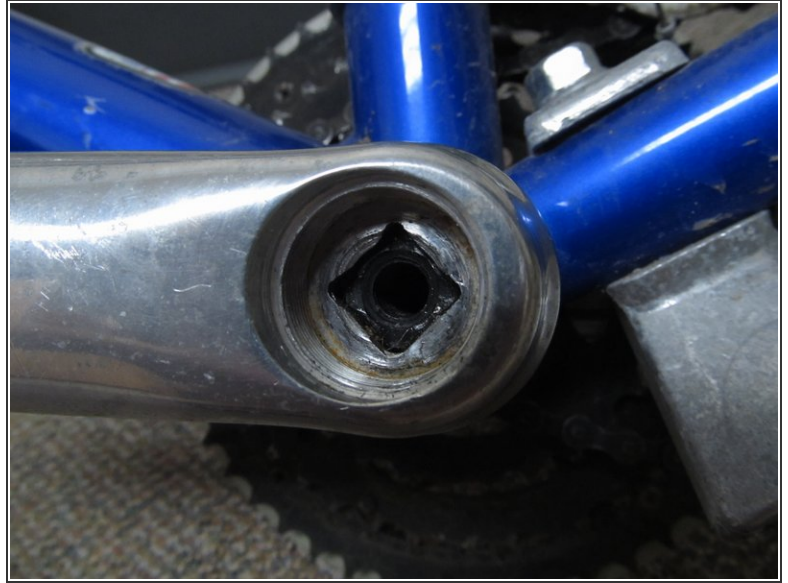
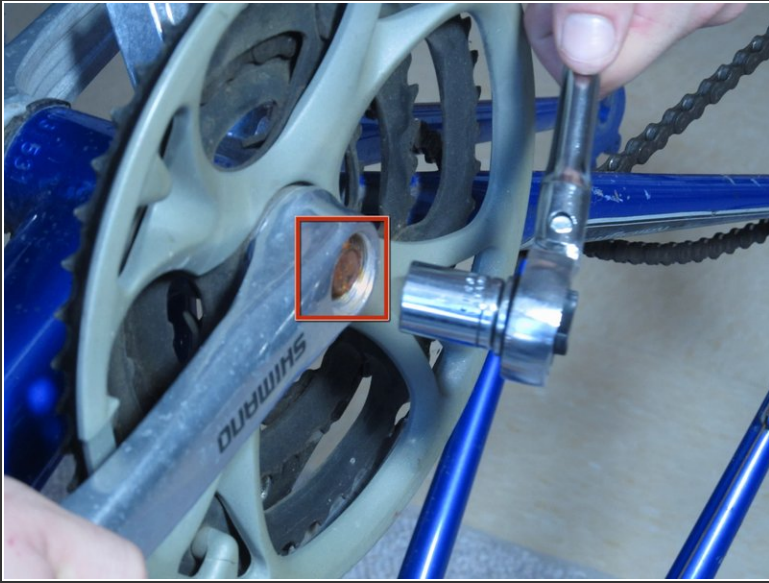
### Step 4 — Chain Guard



- Use a flathead screwdriver to remove the dust cap of the crank arm.
- Repeat the process on other side.



## Step 5



- Next, use a socket wrench to unscrew the crank arm.
- Turn the socket wrench clockwise to remove the bolt.

## Step 6



- Insert the crank arm puller into the screw hole.
- Now use a crescent wrench to tighten the crank arm puller. Twist it in a clockwise direction until the puller is fully tightened.

⚠ Do not over-tighten the crank arm puller. Stop once it's fully tightened.



## Step 7



- Turn the crank arm puller in a clockwise direction to remove it.
- ⓘ There will be some resistance when removing the crank arm.
- Repeat step 2 to 4 on the other side.

## Step 8



- Flip the crank arm over with the chainring on it.
- Locate the four screws on the back of the chainring.



## Step 9



- Use a Phillips #2 screwdriver to remove the four screws on the back of the chainring.

## Step 10



- Flip the chain guard over.

## Step 11



- Hold on to the crank arm and pull out the chain guard gently.

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

If you are replacing the chain guard, use the new chain guard when reassembling the device.