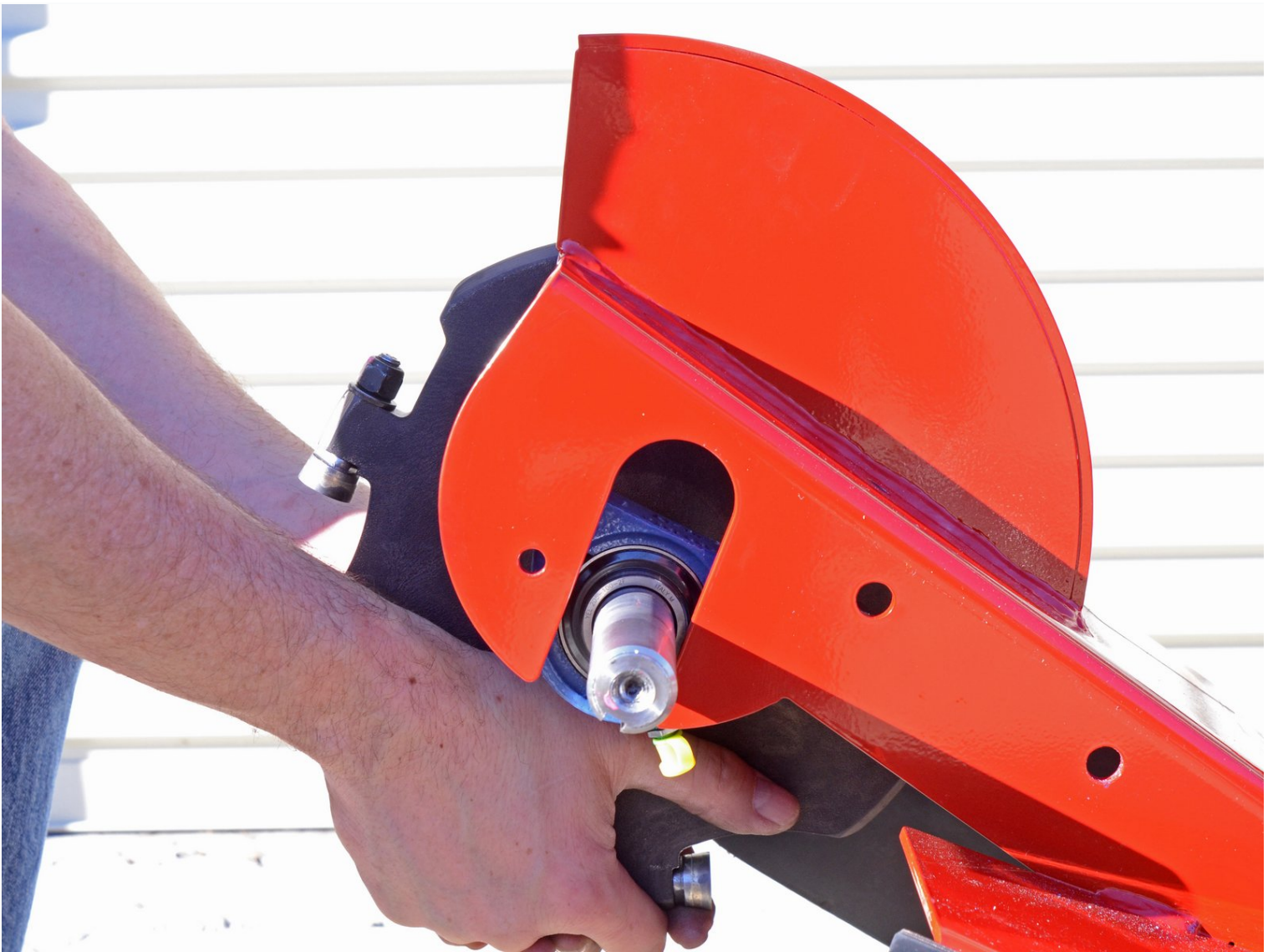




Toro Stump Grinder 22615HD 2017 Cutter Head Replacement

Follow this guide to replace the cutter head on...

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INTRODUCTION

Follow this guide to replace the cutter head on a 2017 Toro Stump Grinder model 22615HD.

You will need a second person to assist with this repair.



TOOLS:

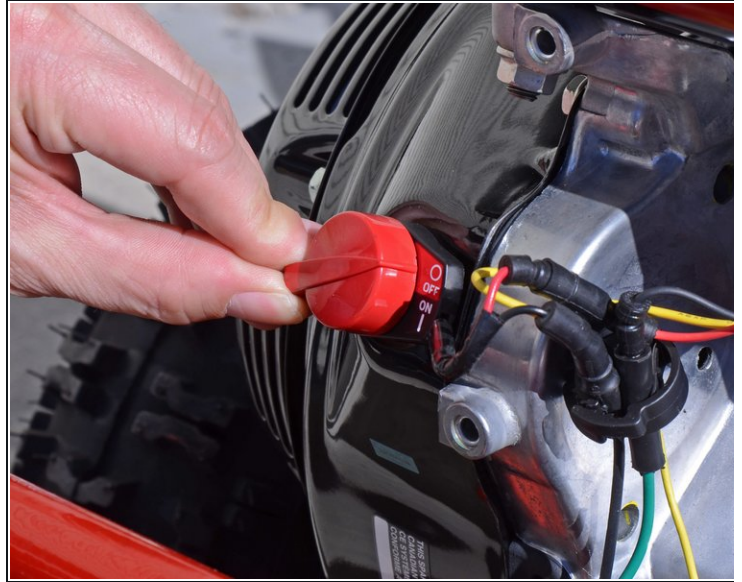
[5/8" Socket](#) (1)
[Socket Wrench](#) (1)
[2-Jaw Gear Puller](#) (1)
[9/16" Wrench](#) (1)
[1/2" Wrench](#) (1)
[9/16" socket](#) (1)
[1/2" Socket](#) (1)
[Universal puller](#) (1)
[Painter's Tape](#) (1)
[5/8" Wrench](#) (1)
[1/8" Hex Key](#) (1)
[14mm Socket](#) (1)



PARTS:

[Toro Wheel And Bearings Kit 136-1441](#) (1)
[Toro NUT-FLANGE, LOCK 127-6852](#) (1)

Step 1 — Turn off the power



⚠ Before you begin, ensure the machine is powered down and cool to the touch.

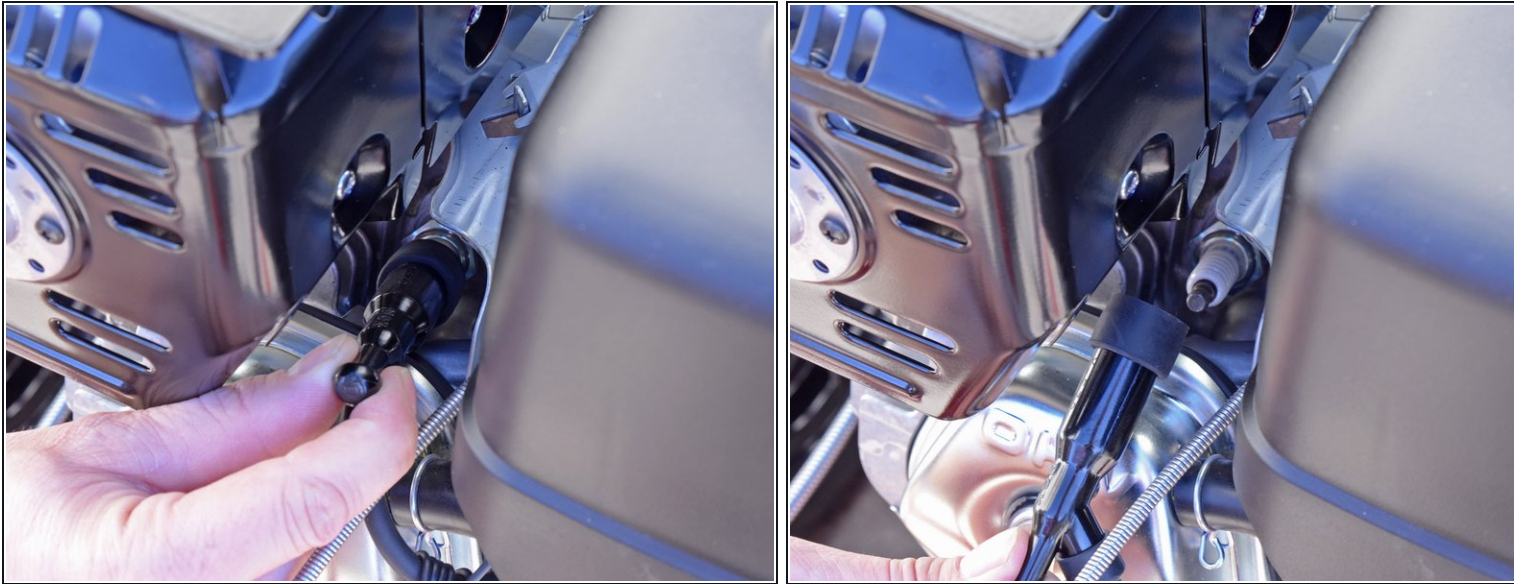
- Turn the ignition switch to the off position.

Step 2 — Close the fuel valve



- Flip the fuel cutoff valve switch into the off position.

Step 3 — Disconnect the spark plug



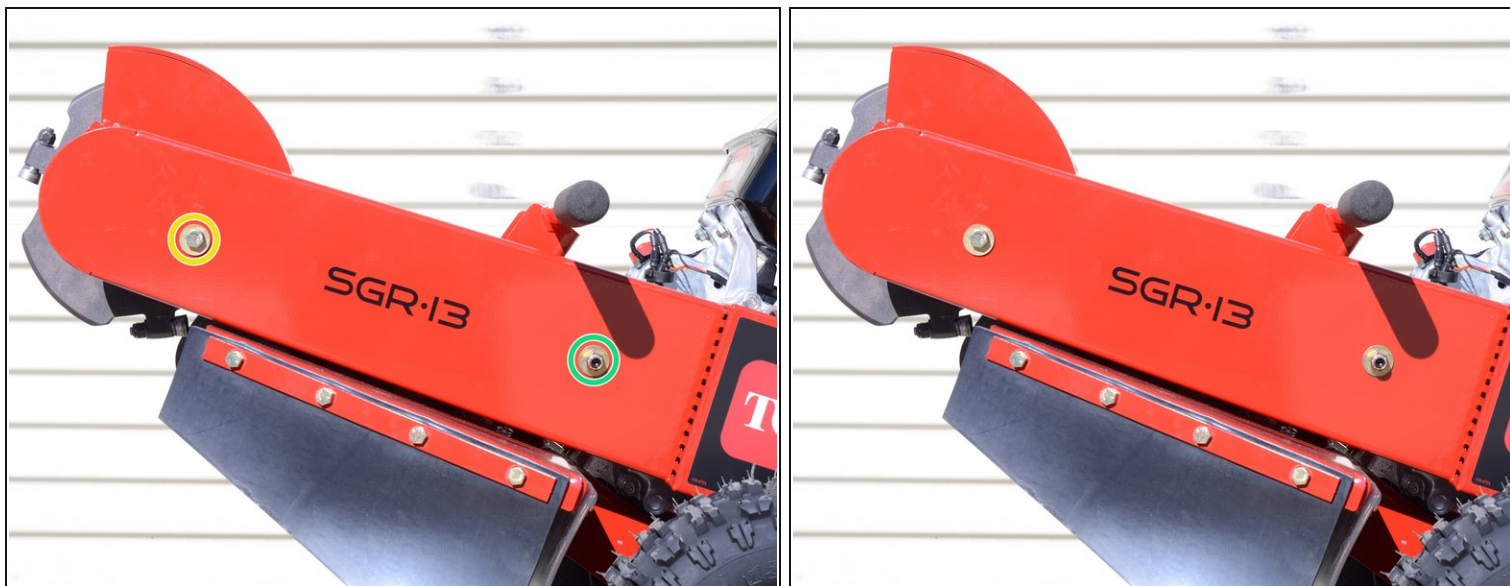
- Grab the plastic housing at the end of the spark plug wire.
- Pull firmly to disconnect the wire from the spark plug.

Step 4 — Tilt the cutter wheel up



- Tilt the machine so that it is resting on the handle with the cutter wheel raised.

Step 5 — Remove the belt guard



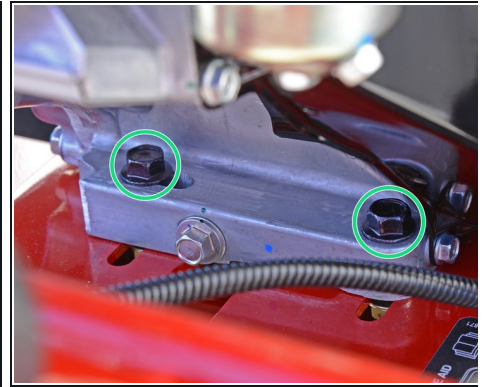
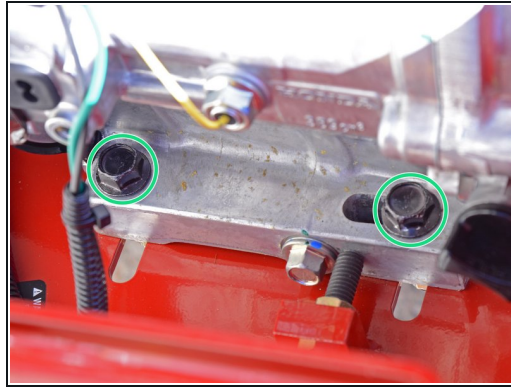
- Use a 14 mm socket to remove the fasteners securing the belt guard:
 - One 10 mm bolt
 - One 10 mm nut

Step 6



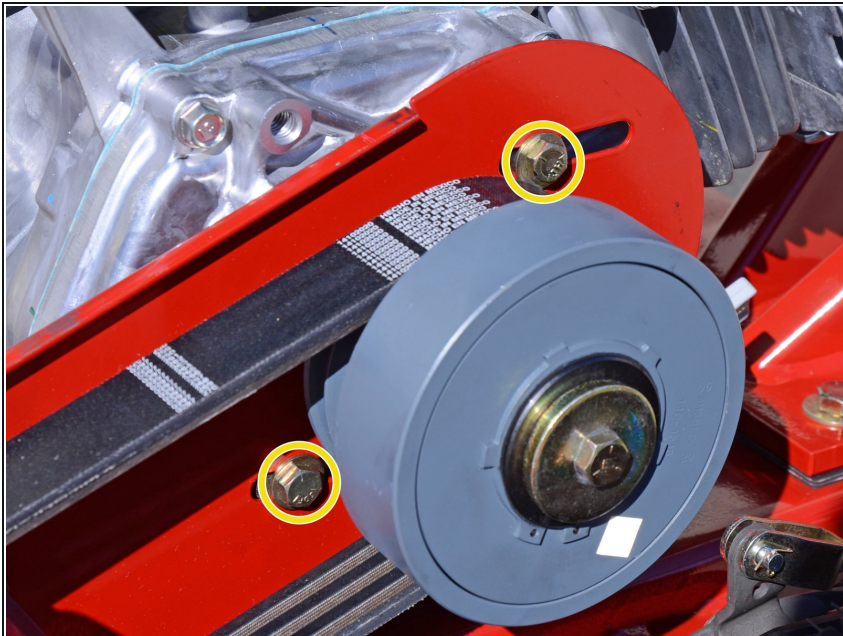
- Remove the belt guard.

Step 7 — Remove the drive belt



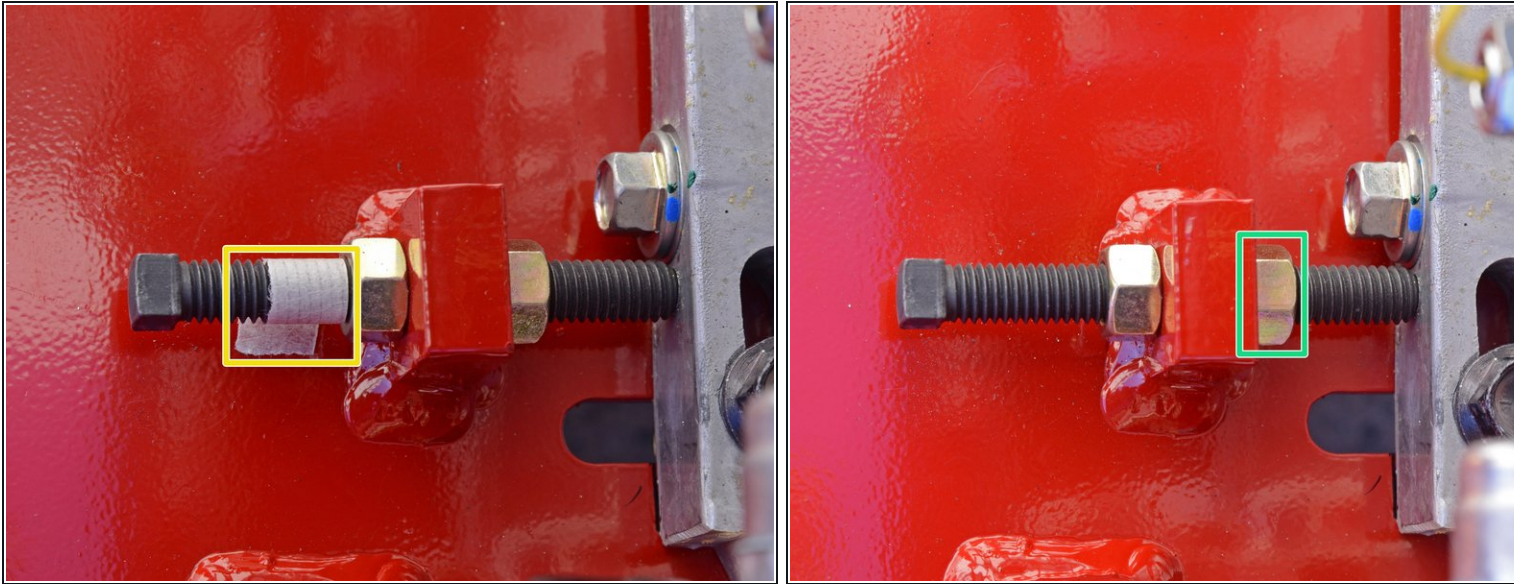
- Use a 9/16 inch socket to loosen the four nuts securing the bottom of the motor enough to allow the motor to slide freely. Do not remove the nuts.
- Use a 1/2 inch wrench in combination with the socket wrench to hold the bolts in place.

Step 8



- Use a 1/2 inch wrench to loosen the two bolts behind the centrifugal clutch enough to allow the motor to slide freely. Do not remove the bolts.

Step 9



- Wrap a piece of tape around the upper half of the tensioner bolt to mark the location of the second nut.
- Use a 9/16 inch wrench to loosen the nut on the lower half of the tensioner bolt until the motor can slide forward as much as possible.
- ☑ During reassembly, reference the tape to position the outer nut into the same location as before to ensure proper belt tension.

Step 10



- Slide the engine towards the cutter blade to loosen the drive belt.

Step 11



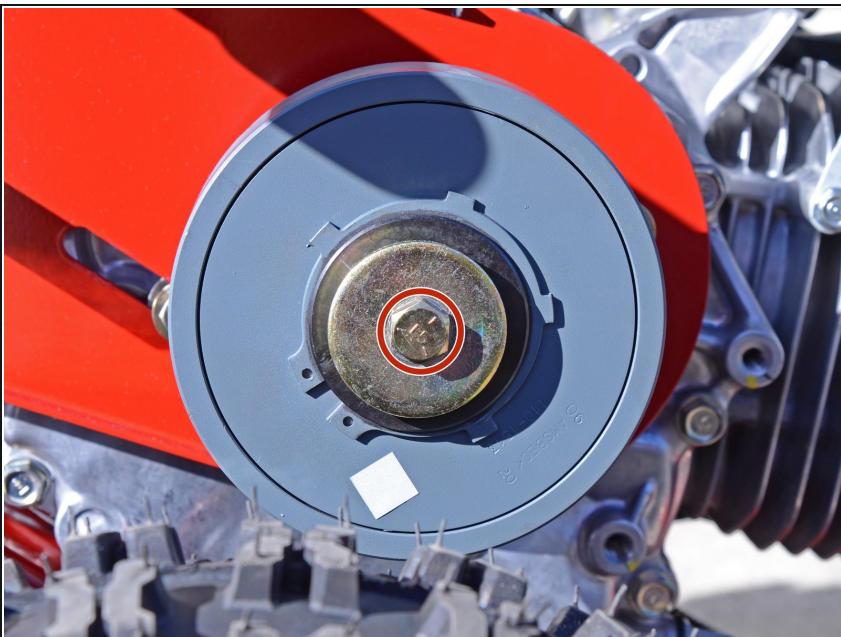
- Lift the drive belt up and away from the machine while rolling it towards the cutter head to gradually roll it off of the pulley.

Step 12



- Remove the drive belt.

Step 13 — Remove the centrifugal clutch



- Use an impact wrench with a 9/16 inch socket to remove the bolt and washer securing the centrifugal clutch to the spindle.

Step 14



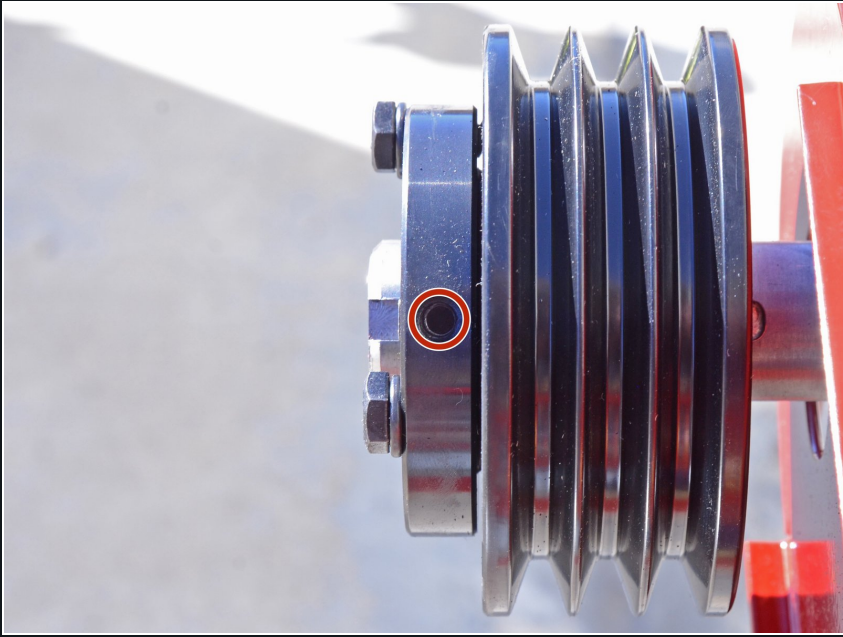
- Use a jaw puller to extract the centrifugal clutch from the spindle:
- Place the center screw so that it is in line with the center of the spindle.
- Hook the jaws around the back edge of the clutch assembly.
- Tighten the center screw until the centrifugal clutch is removed from the spindle.

Step 15



- Remove the centrifugal clutch and shaft key from the spindle.

Step 16 — Remove the pulley



- Use a 1/8 inch hex key to remove the pulley set screw.

Step 17



- Use a universal puller to remove the pulley from the cutter wheel shaft:
 - Attach the universal puller to the pulley using the three bolts provided on the pulley.
 - Use a wrench to torque down the center screw to slowly loosen the pulley.

i This may take a lot of force.

- i** If the pulley seems to be stuck after significant pressure is applied with the universal puller, use a blowtorch to apply heat where the pulley contacts the shaft.

Step 18



 If heat was used to loosen the pulley, use gloves when removing it.

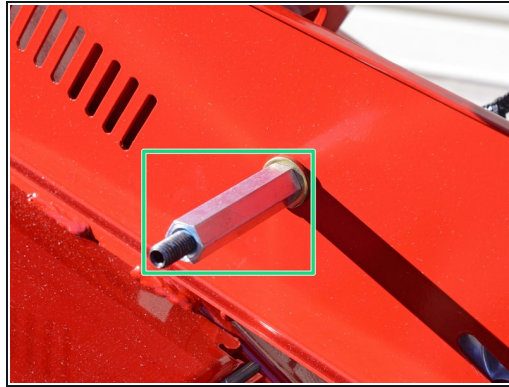
- Pull the pulley off of the shaft to remove it.
- Remove the shaft key.

Step 19 — Remove the guard plate



- Use a 9/16 inch socket to remove the two bolts and washers securing the guard plate to the motor.
- ☑ During reassembly, do not tighten these bolts all the way down until the belt is tensioned.

Step 20



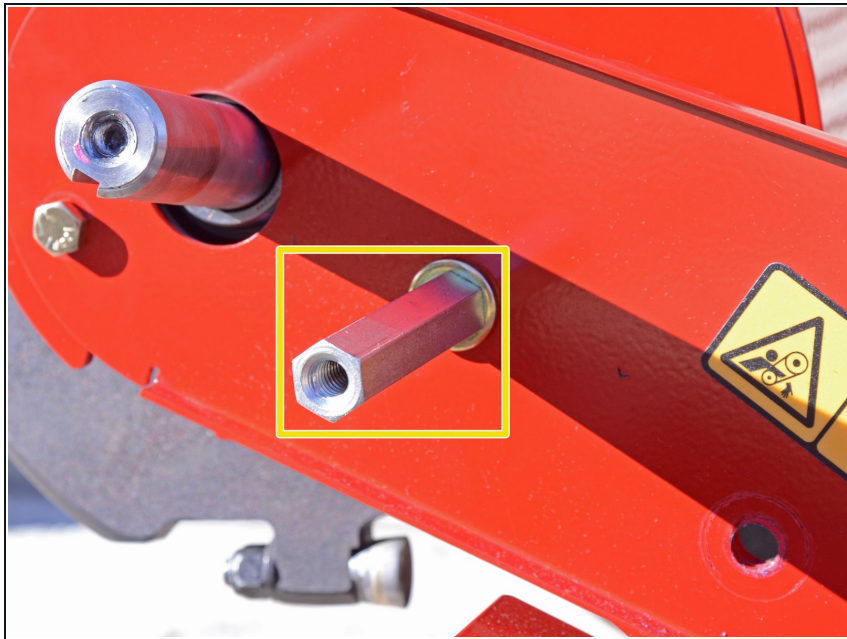
- Use a 9/16 inch socket to remove the bolt and washer securing the guard plate to the frame.
- Use a 5/8 inch wrench in combination with the 9/16 inch socket to hold the standoff in place.
- Remove the bolt, washer, and standoff.

Step 21



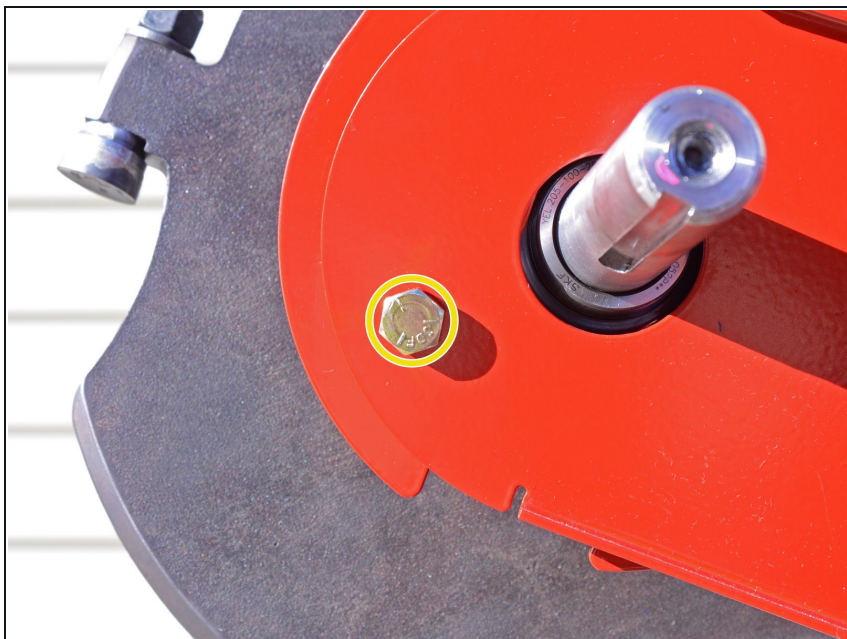
- Use a 9/16 inch socket to remove the bolt and accompanying washer securing the guard plate to the frame.

Step 22



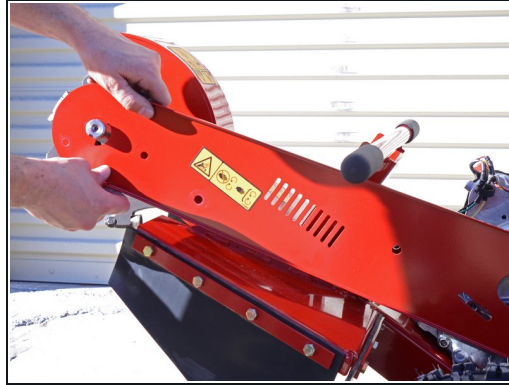
- Use a 5/8 inch socket to remove the nut securing the guard plate to the frame.

Step 23



- Use a 1/2 inch socket to remove the bolt next to the cutter wheel shaft securing the guard plate to the frame.


Step 24




- Remove the guard plate from the frame.

Step 25 — Remove the cutter wheel assembly

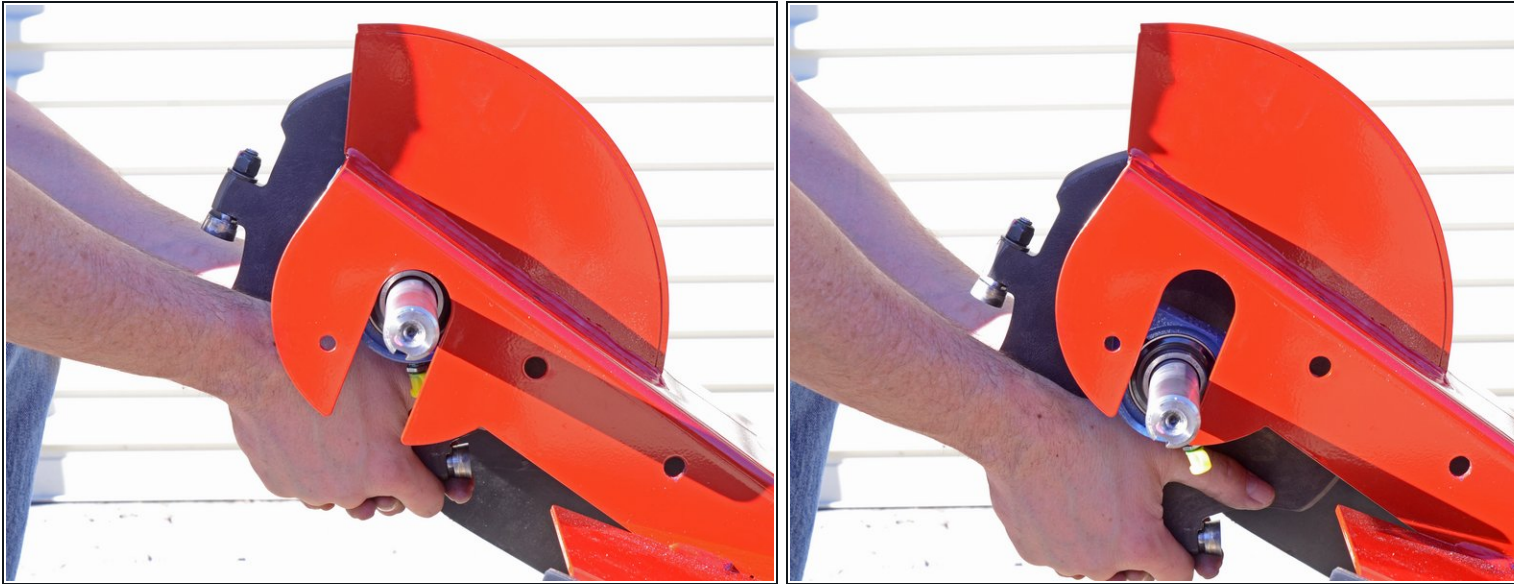


 This step requires two people.

 The cutter wheel assembly will become loose after these bolts are removed so have a second person hold the cutter wheel to prevent it from falling.

- Use a 9/16 inch socket to remove the four bolts from the frame.

Step 26



 Use gloves when handling the cutter head.

- Lower the cutter wheel and bearings out from the frame.
- Remove the cutter wheel and bearing assembly.

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