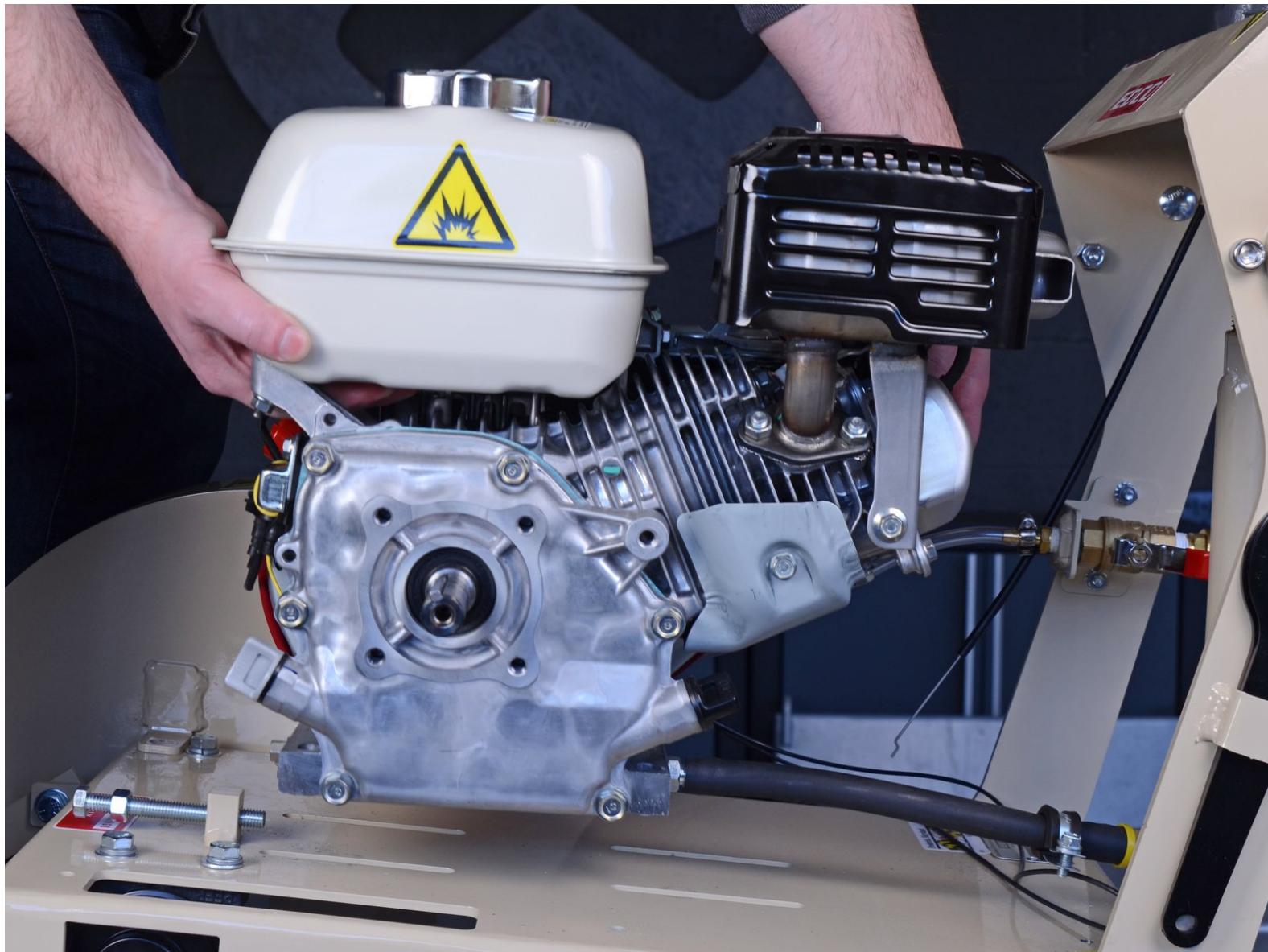




# Edco Cement Saw KL1465H 2015 Engine Replacement

Replace a blown engine on the Edco Cement Saw KL1465H.

Written By: Craig Lloyd



## INTRODUCTION

Follow this guide to replace a damaged engine on the Edco Cement Saw KL1465H.

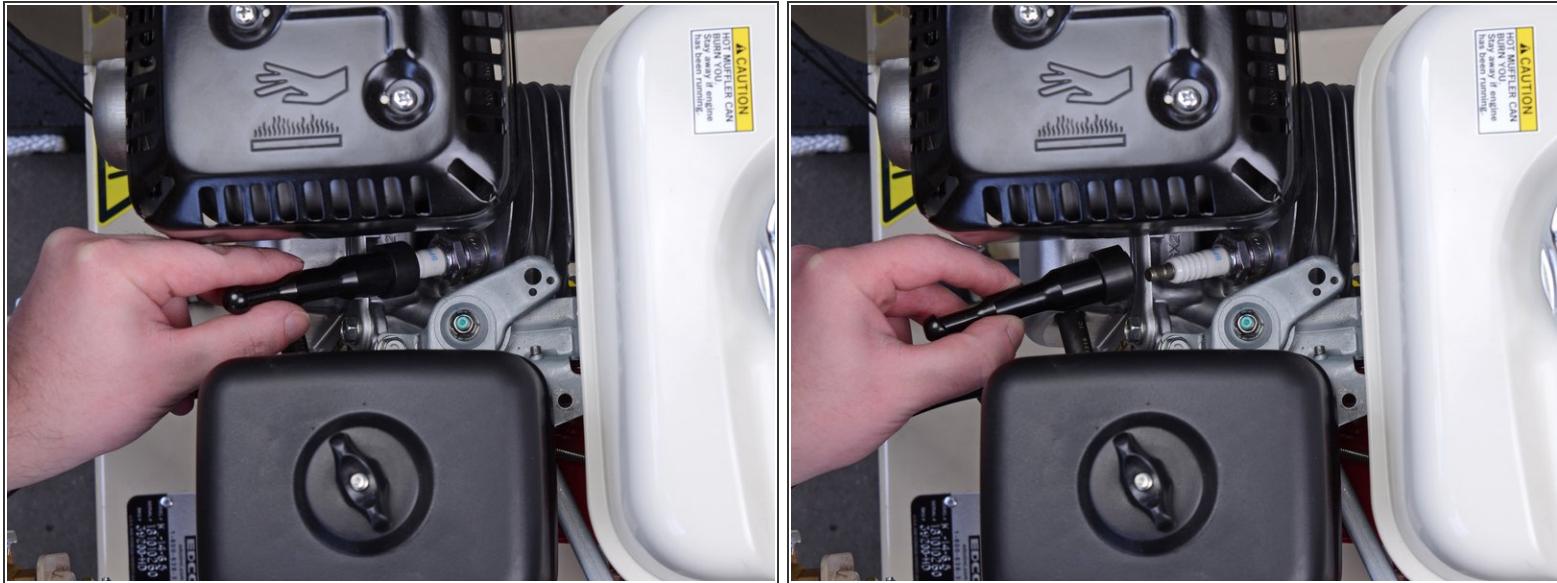
### TOOLS:

- Flathead Screwdriver (1)
- 9/16" Wrench (1)
- Wheel Chocks (1)
- 3/8" Wrench (1)
- 10mm Wrench (1)
- 1/8" Hex Key (1)
- 2-Jaw Gear Puller (1)
- 5/8" Wrench (1)

### PARTS:

- Edco Engine, Honda Gx200Ut2Qx2 GX200UT2QX2 (1)

## Step 1 — Disengage the Spark Plug



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

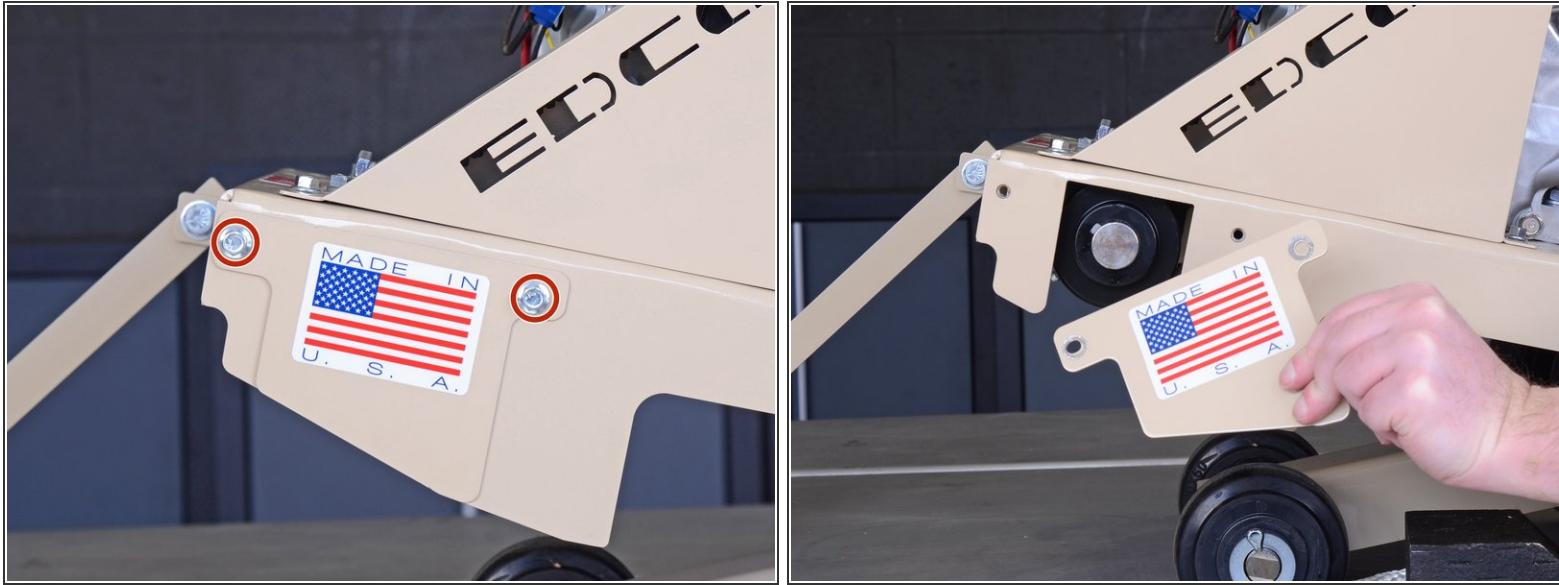
- Disconnect the spark plug to prevent the engine from accidentally starting up during service:
  - Grab the plastic spark plug cap at the end of the spark plug wire.
  - Firmly pull to disconnect the spark plug cap from the spark plug.

## Step 2 — Place Wheel Chocks



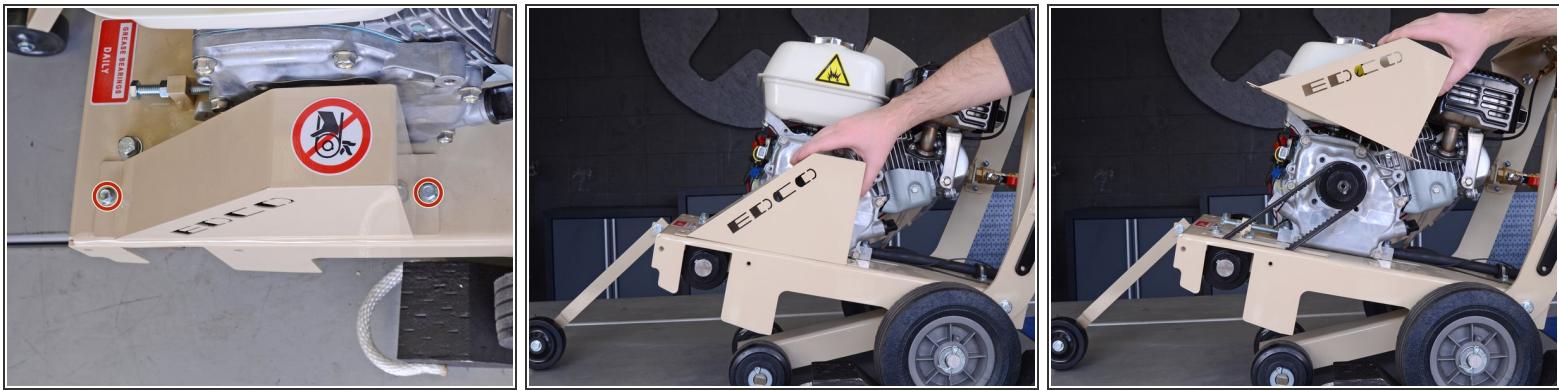
- To prevent the concrete saw from rolling during service, place wheel chocks in front of and behind a rear wheel.

## Step 3 — Remove the Arbor Guard



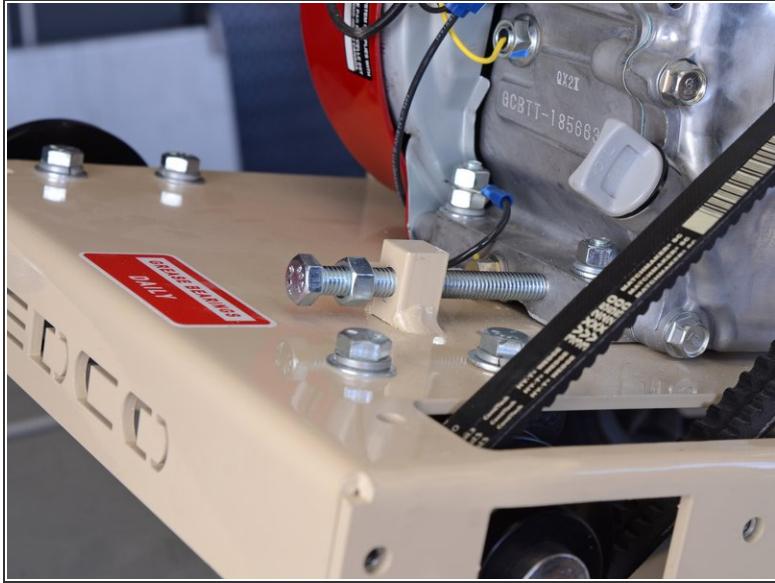
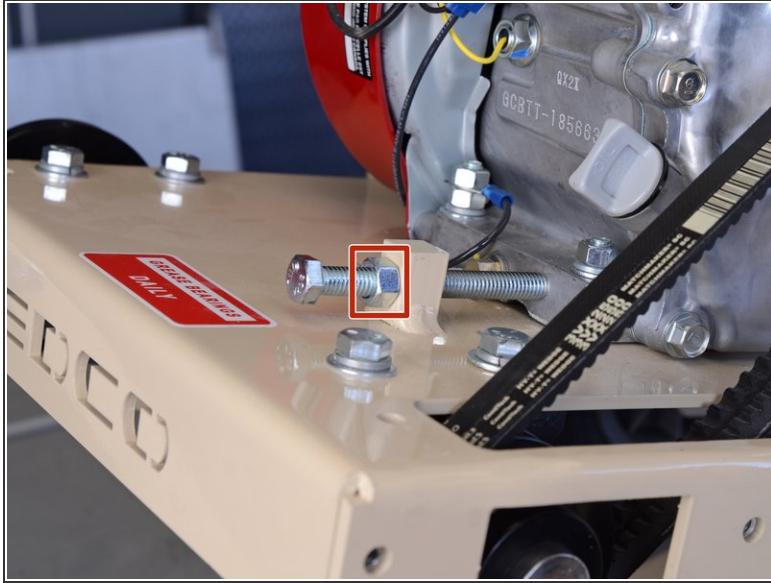
- Use a 3/8-inch wrench to remove the two bolts securing the arbor guard.
- Remove the arbor guard.

## Step 4 — Remove the Belt Guard



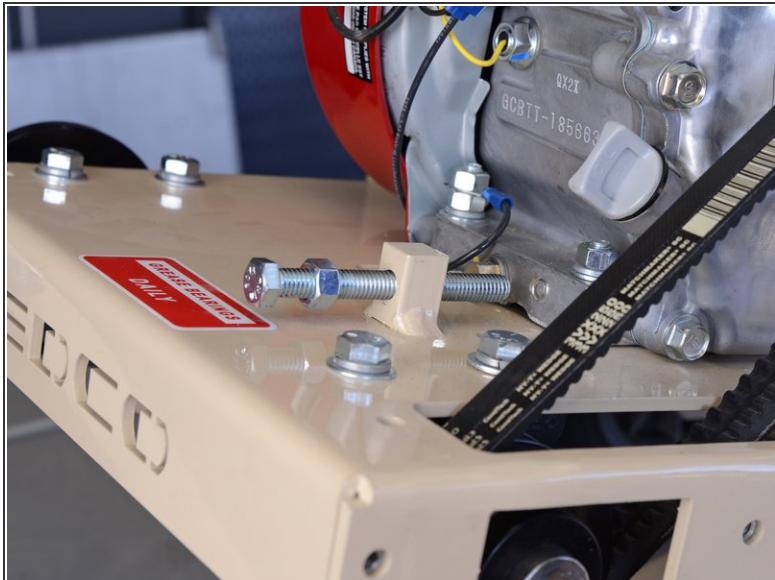
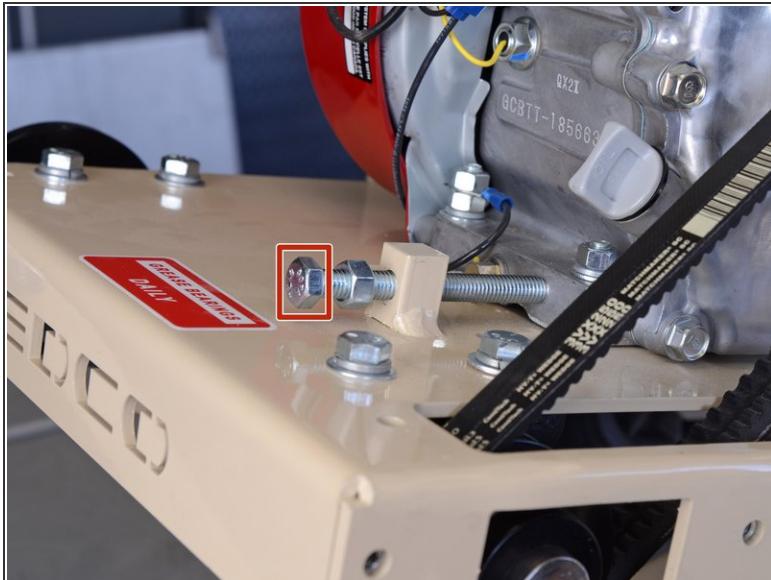
- Use a 3/8-inch wrench to remove the two bolts securing the belt guard.
- Remove the belt guard.

## Step 5 — Loosen the Engine Mount Bolts



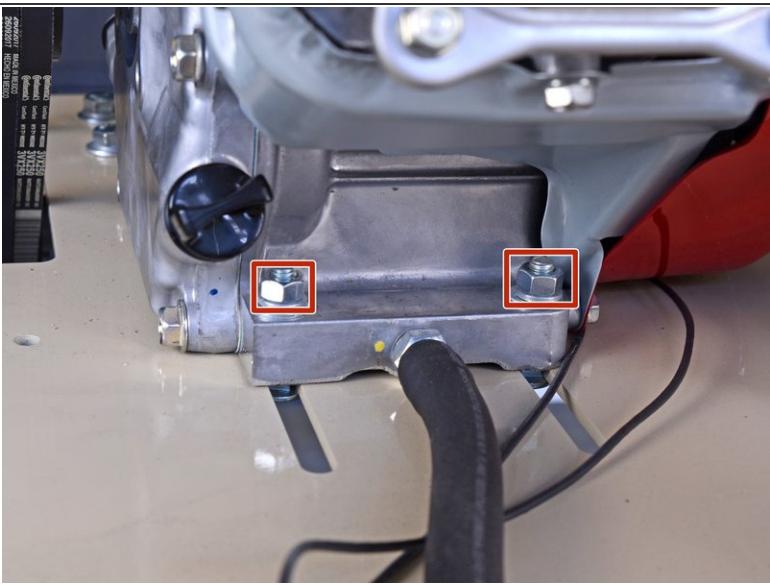
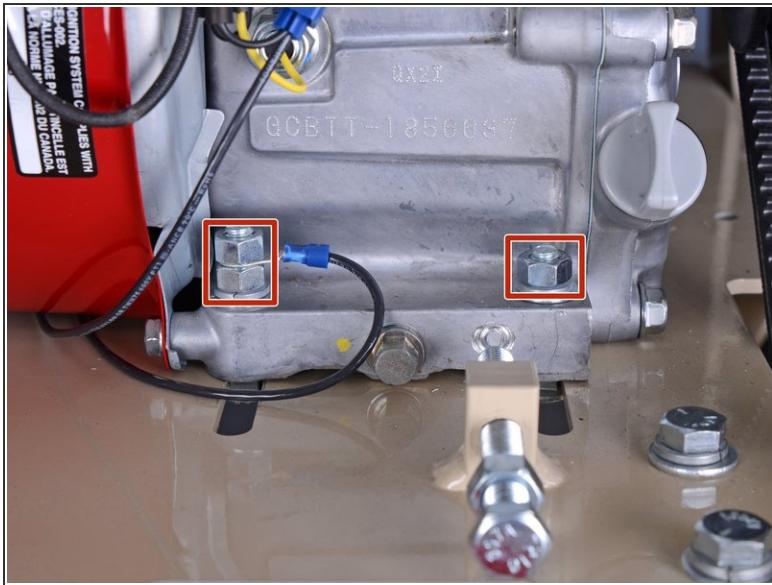
- Use a 9/16-inch wrench to loosen the lock nut on the engine's tap bolt.

## Step 6



- Use a 9/16-inch wrench to loosen the engine's tap bolt until the tip of the bolt is about an inch away from the engine.

## Step 7



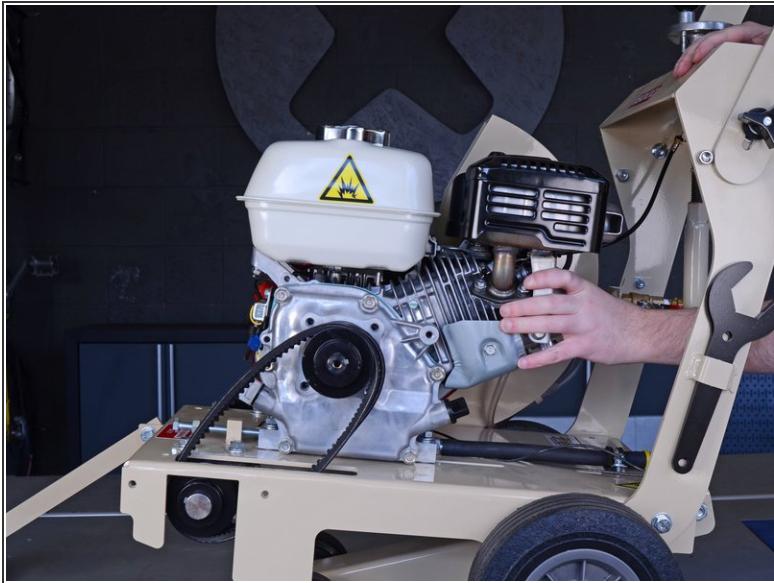
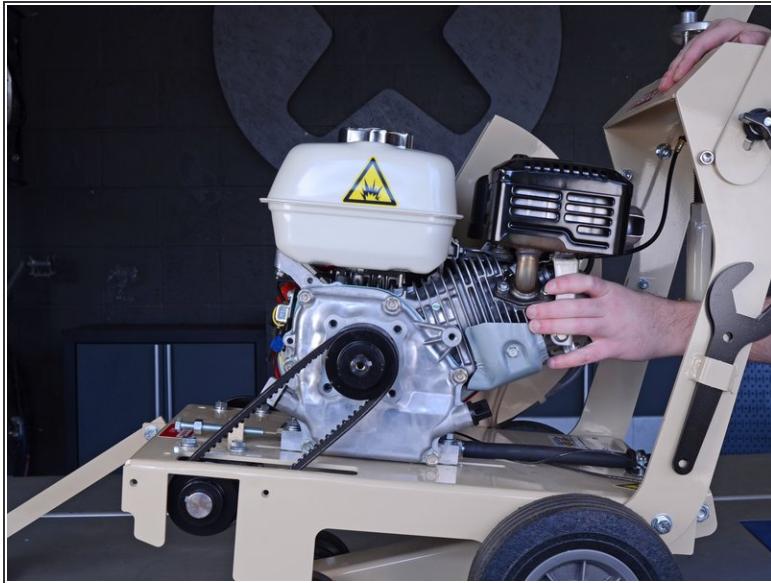
- Use a 9/16-inch wrench to loosen the five engine mounting nuts on the front and back of the engine, but do not remove them.

## Step 8 — Remove the Drain Hose Clamp Screw



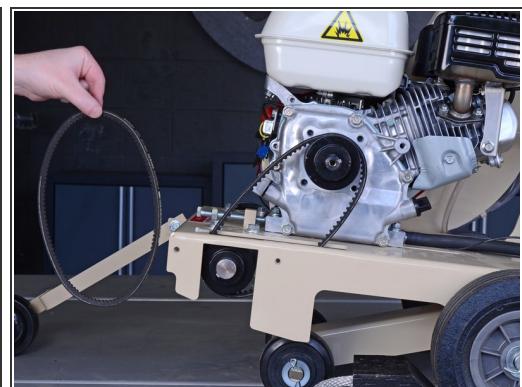
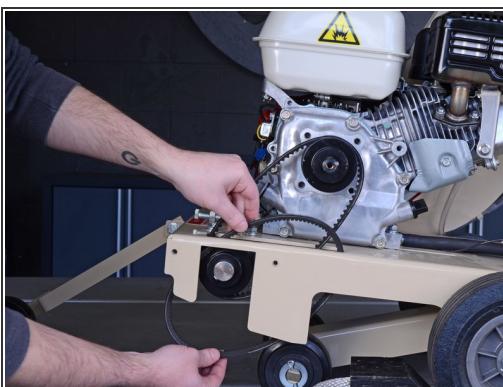
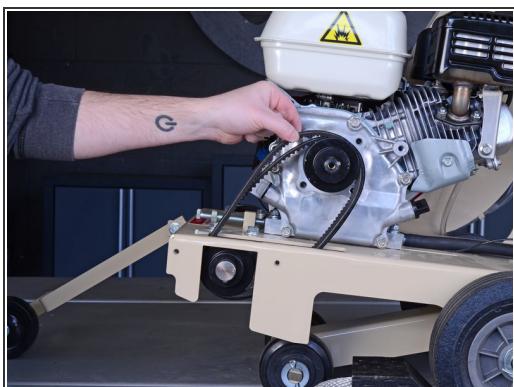
- Use a flathead screwdriver or a 3/8-inch wrench to remove the screw securing the drain hose to the concrete saw.

## Step 9 — Relieve Tension on the Belts



- Slide the engine forward on the frame to relieve tension on the belts.

## Step 10 — Remove the Belts



- Remove the outer belt from the engine and arbor pulleys.
  - *i* It may help to use one hand to remove the belts from the engine pulley and the other hand to remove the belts from the arbor pulley.
- Repeat the process for the inner belt.

## Step 11 — Remove the Air Filter Cover



- Use your fingers to unscrew and remove the wing nut securing the air filter cover.

## Step 12



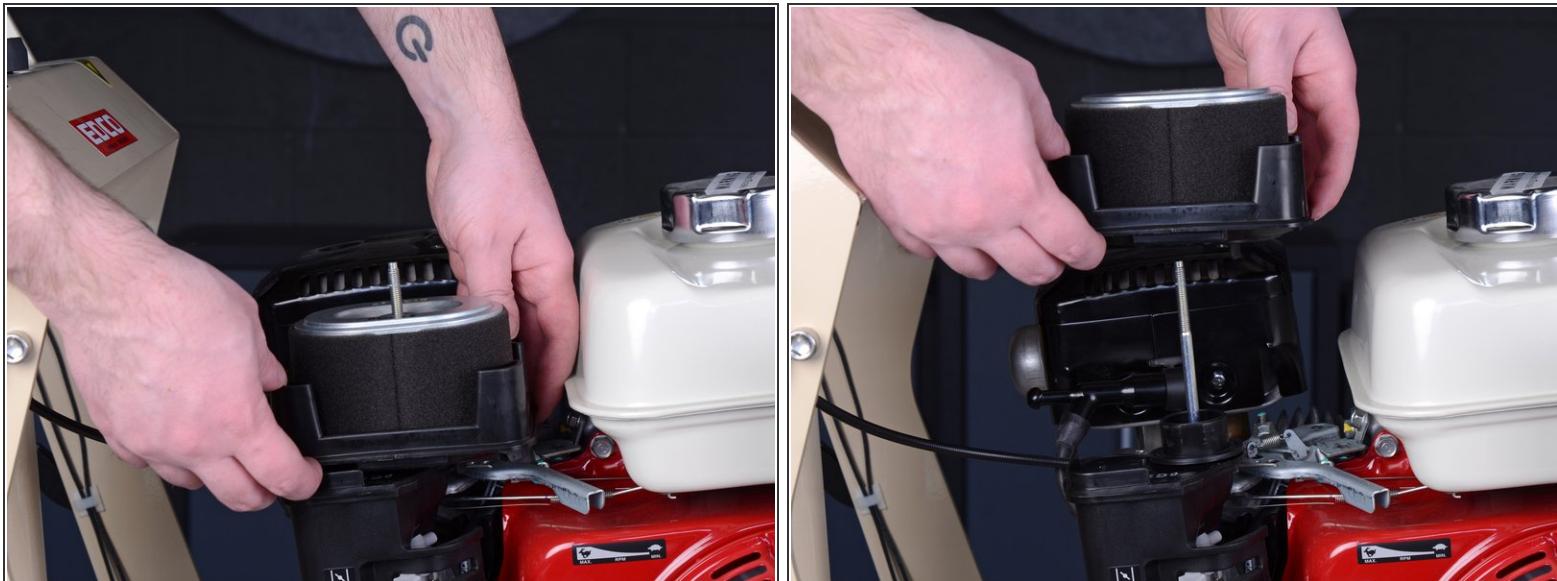
- Lift the air filter cover straight up to remove it.

## Step 13 — Remove the Air Filter



- Use your fingers to unscrew and remove the wing nut securing the air filter.

## Step 14



- Grab the black plastic air filter platform and lift it straight up with the air filter to remove both components.

## Step 15 — Remove the Throttle Cable



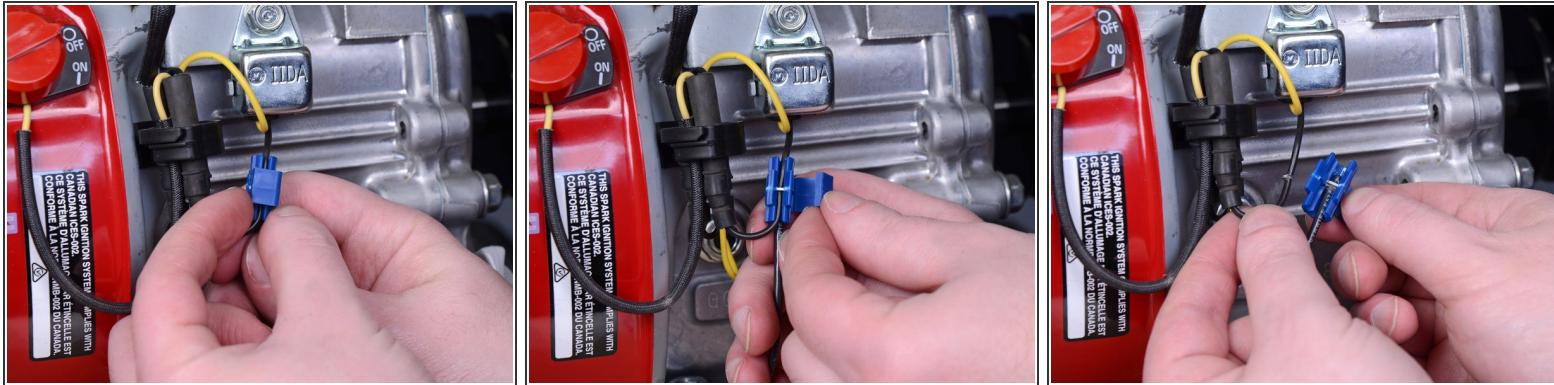
- Use a Phillips #2 screwdriver to remove the screw securing the throttle cable to the engine.
- Grab the throttle cable clamp with your fingers and rotate it out of the way of the throttle cable.

## Step 16



- Lift the throttle cable up and pull it the end of the cable out of the hole it hooks into.
- Make sure to reinstall the throttle cable onto the new engine. You'll need to remove the air filter on the new engine first.

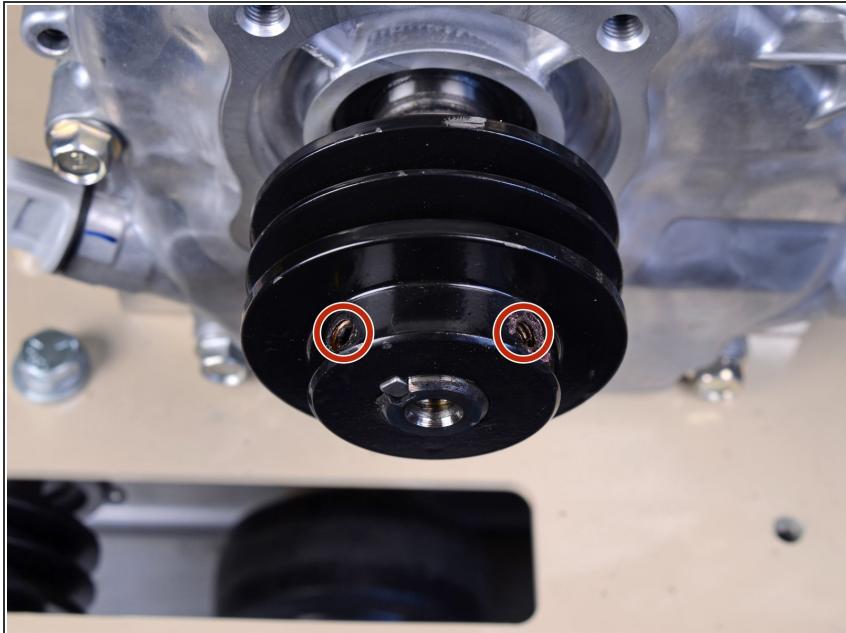
## Step 17 — Disconnect the Switch Wires



- Unclip the blue wire connector on the front of the engine.
- Remove the wire connector from the engine's switch wire.
- *(i)* Leave the handle switch's black wire connected to the wire connector.

 Make sure to reattach the wire connector to the new engine's switch wire.

## Step 18 — Remove the Drive Pulley



- Use a 1/8-inch hex key to loosen the two set screws on the engine's drive pulley.
- *(i)* Completely removing the set screws is not required to remove the drive pulley.

## Step 19



- Use a gear puller and a wrench to remove the pulley from the engine's driveshaft.
- *(i)* Make sure to reinstall this pulley onto the new engine's driveshaft.

## Step 20



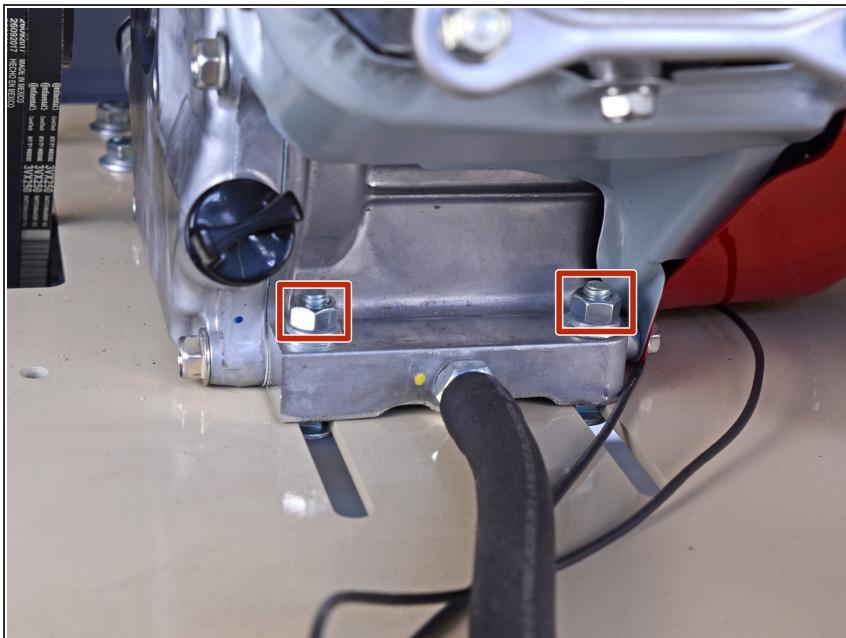
- Remove the drive pulley key from the driveshaft.
- *(i)* If the new engine did not come with a new drive pulley key, you can transfer this key from the old engine to the new one.

## Step 21 — Remove the Engine Mount Nuts and Bolts



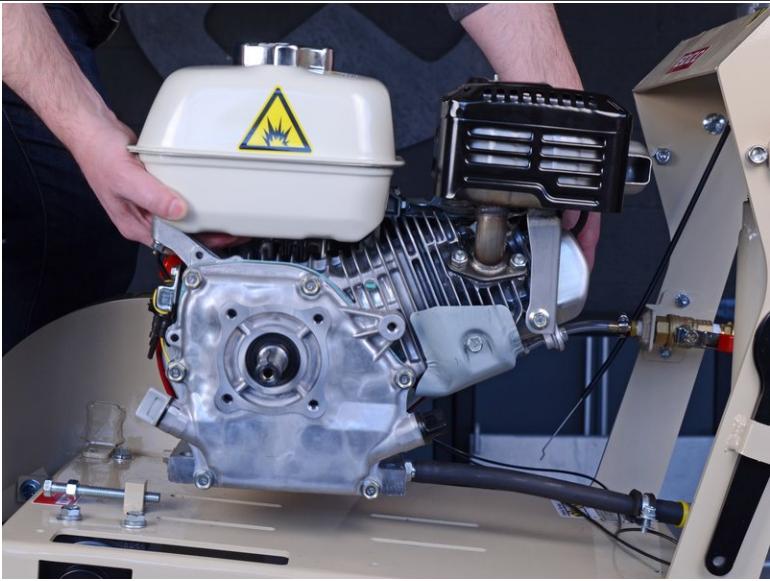
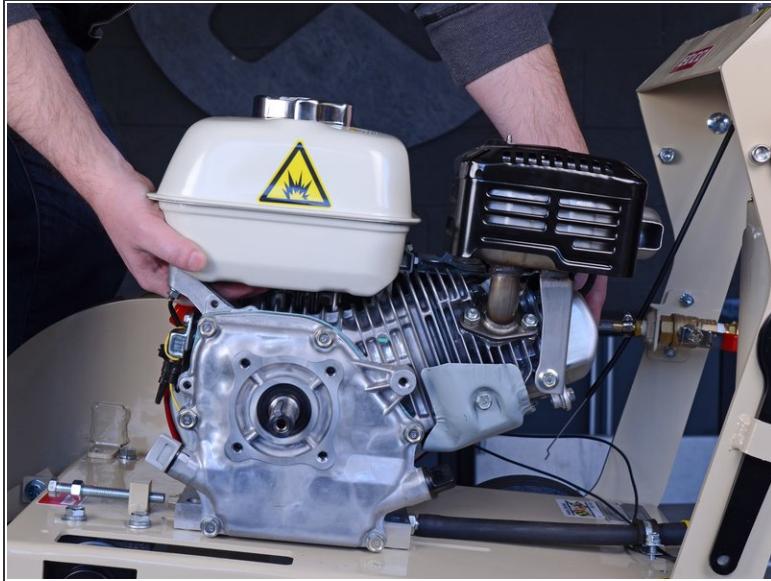
- Use a 9/16-inch wrench to remove the three engine mount nuts and the ground wire at the front of the engine.
  - ⓘ Place a hand underneath the frame to catch the carriage bolts as you remove the nuts.
  - ⚡ The engine mount bolt with two nuts and a ground wire (shown on the left side of the first photo in this step) is longer than the other bolts securing the engine. During reassembly, make sure to reuse the longer bolt on the correct side and reinstall the ground wire between the two nuts.

## Step 22



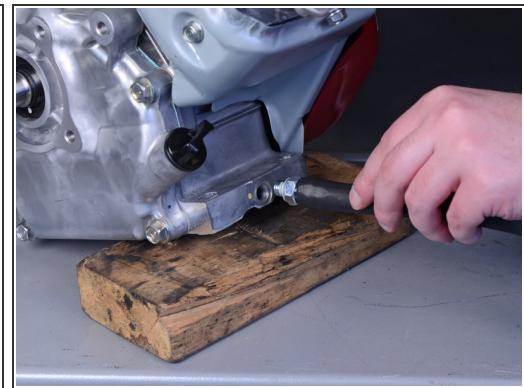
- Use a 9/16-inch wrench to remove the two engine mount nuts on the back of the engine.

## Step 23 — Remove the Engine



- Use both hands and carefully lift the engine straight up off the concrete saw to remove it.
- *i* Get help from another person, if need be.

## Step 24 — Remove the Drain Hose from the Engine



- Place the engine on your work surface and prop up the rear by placing a wooden block underneath it.
- Use a 5/8-inch wrench to unscrew and remove the drain bolt from the engine.
- Make sure to install this drain hose onto the new engine.

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