



# Briggs and Stratton 675 Series Repair Pull Cord Replacement

This guide shows how to replace the pull cord in a Briggs and Stratton 675 Series Engine.

Written By: Andrew Saunders



## INTRODUCTION

The pull cord is used to start the lawn mower; it can often become broken or need replacement. Additionally, make sure you have a large table for the replacement and a rag nearby for wiping off any grease and oil. You will need a standard ratcheting socket wrench with a 3/8" and 5/16" driver as well as a Phillips #2 screwdriver.

## TOOLS:

- [Phillips #2 Screwdriver \(1\)](#)
- [3/8" Socket \(1\)](#)
- [Socket Wrench \(1\)](#)
- [5/16" Socket \(1\)](#)

## Step 1 — Pull Cord



**⚠** Make sure the the engine is off and the spark plug wire is removed and away from the spark plug before begining.

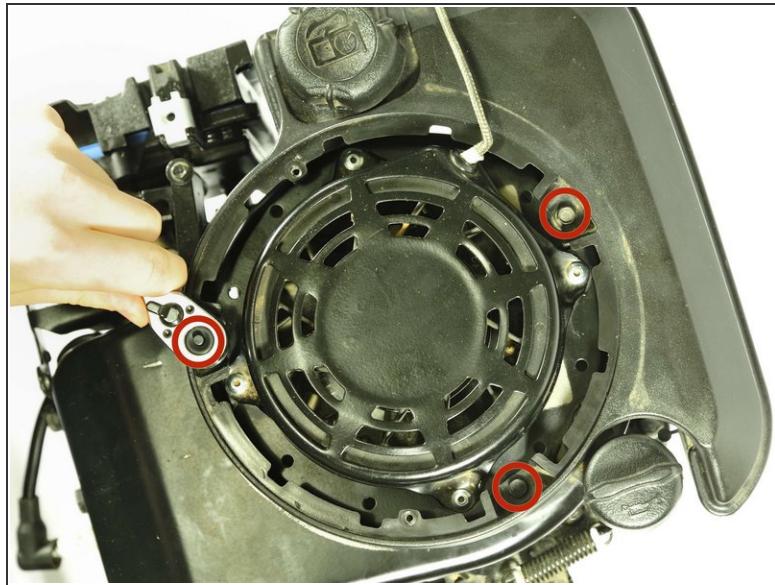
- Use a Phillips #2 screwdriver to remove the two 25mm screws on top of the engine cover.

## Step 2



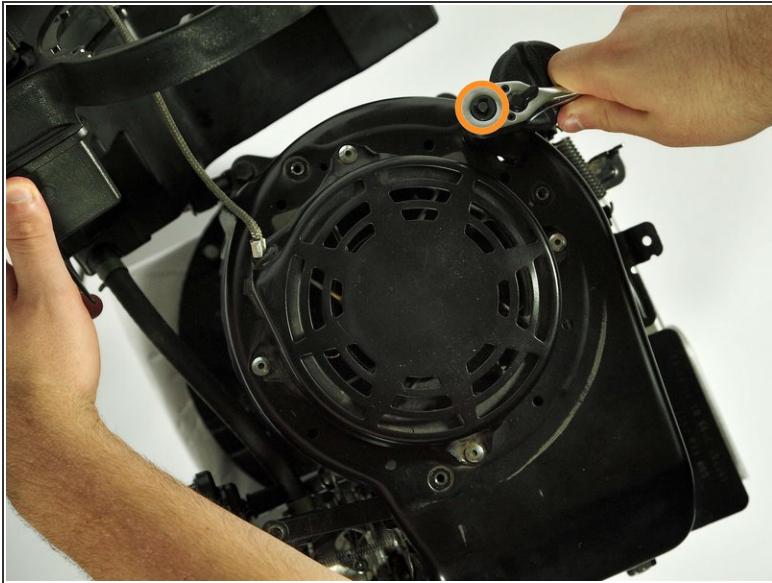
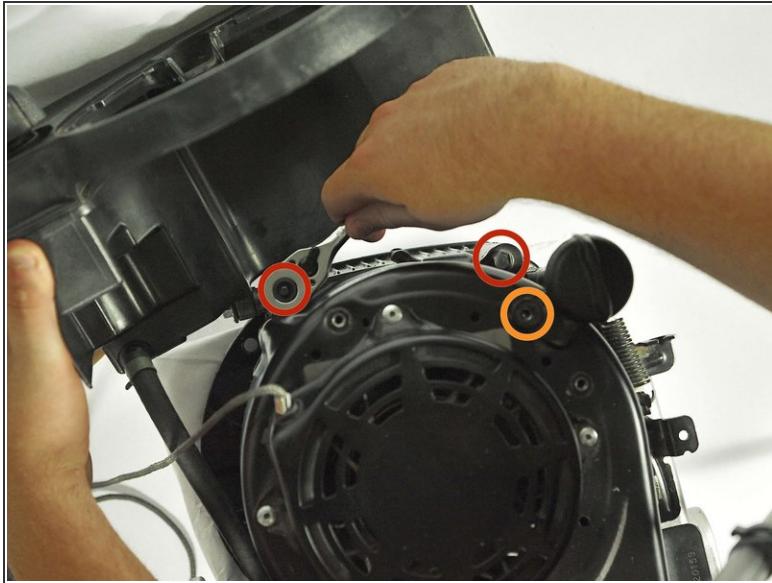
- Use your hands to lift the engine cover off, separating it from the rest of the engine.
- Slip the pull cord through the engine top cover after separating it.

## Step 3



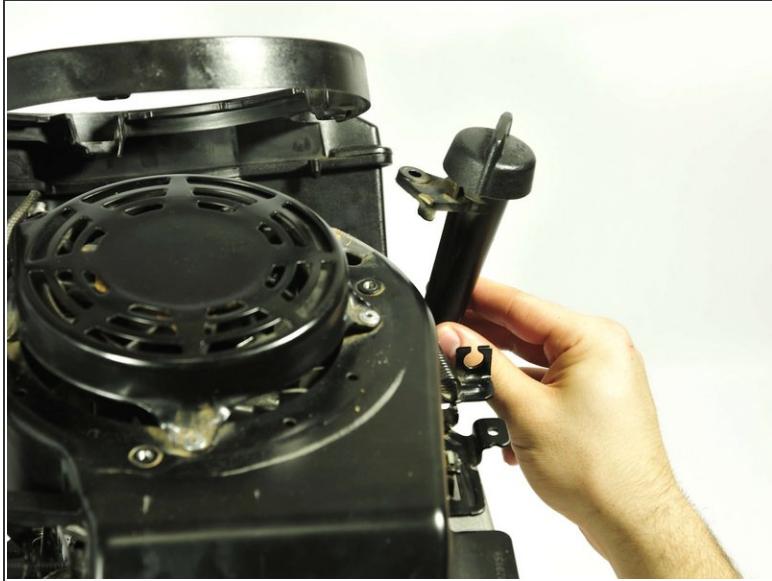
- Use a socket wrench with a 5/16" socket to remove the three 17mm screws that keep the fuel tank attached.
- Tilt the fuel tank back at least 45 degrees to get it out of your way.

## Step 4



- Use a socket wrench with a 3/8" socket to remove the two 26mm screws at the back of the engine shield.
- Use a socket wrench with a 5/16" socket to remove the 17mm screw on the top of the engine shield.

## Step 5



- Remove the oil funnel from the rest of the engine. It should pull away easily and come off completely.

 Make sure there isn't an overflow of oil in the funnel or hose before removing it to avoid spilling.

## Step 6



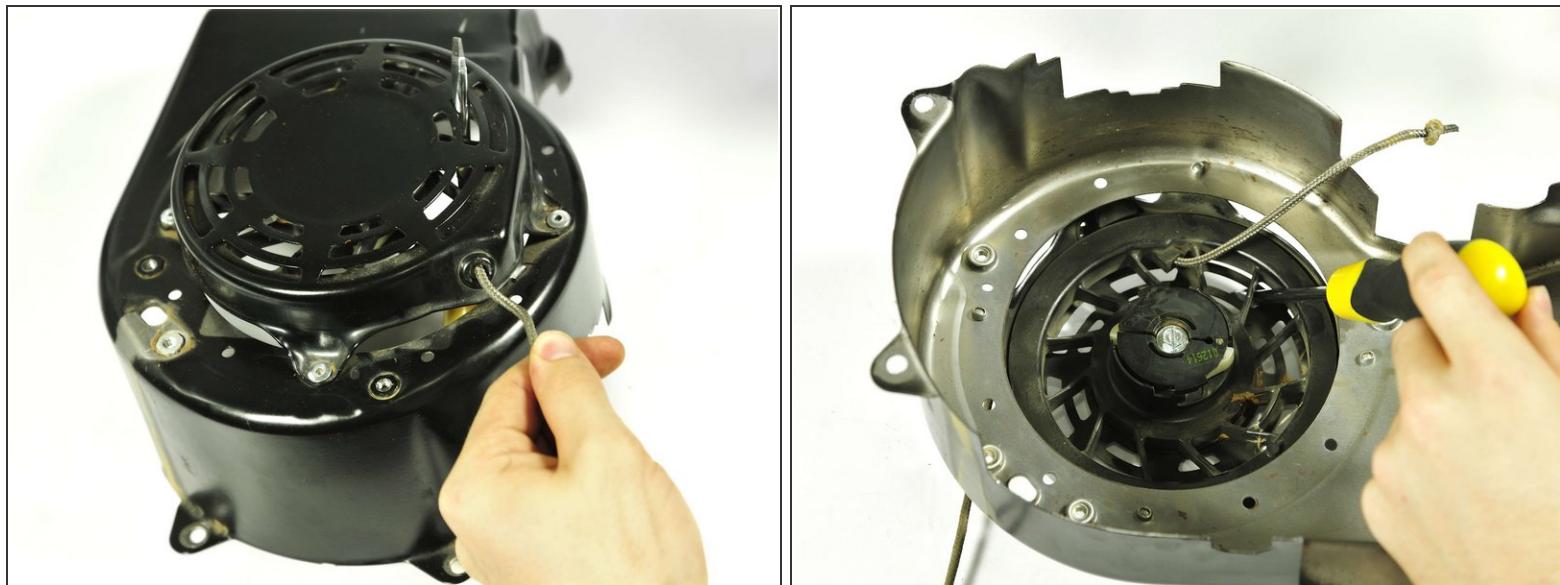
- Use a socket wrench with a 3/8" socket to remove the two 20mm screws on the front of the engine shield.

## Step 7



- Remove the engine shield and flip it over.

## Step 8



*(i)* If you are missing a pull cord, skip straight to step 9.

- Pull the cord back until it is completely unwound from the starter mechanism spool.
- Wedge a screwdriver into the gap to hold the spool in place.
- Cut the end of the pull cord with scissors or a knife.

## Step 9



- Line up the hole on the outside of the engine shield with the hole on the inside, then slip the new pull cord through and tie a knot.

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