



Honda CSC29 Brushes Replacement

In this Replacement guide, we will be replacing the brushes within the alternator. It also works for other very similar models like CSD48.

Written By: Raymond Akagi



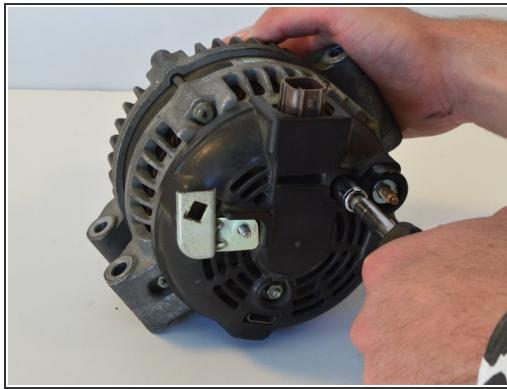
INTRODUCTION

In order to access the brush assembly, the front cover of the alternator will need to be removed first. The brushes play an important role in transferring voltage from the rotor to the rest of the alternator.

TOOLS:

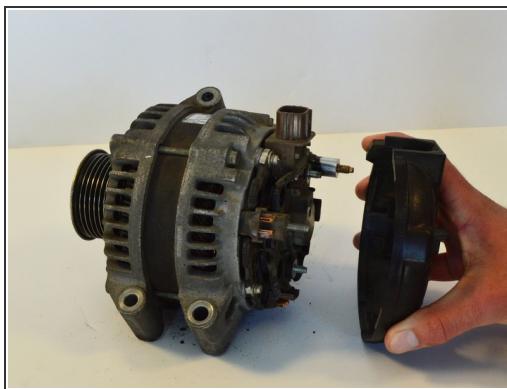
- [Socket Wrench \(1\)](#)
- [8 mm socket \(1\)](#)
- [Phillips #2 Screwdriver \(1\)](#)

Step 1 — Alternator Front Cover



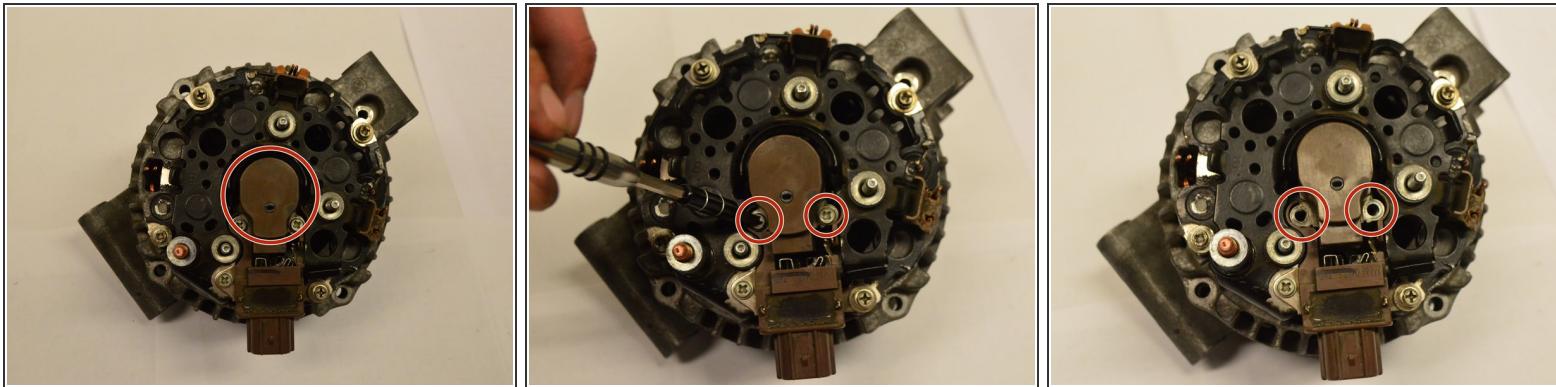
- Remove 4, 7.9mm nuts using a 7.9mm socket driver head
- One of the nuts is placed underneath the L-Bracket. Remove the L-Bracket and the 3 circled nuts before attempting to remove the remaining nut
- There are two covers that need to be removed from the alternator. This step describes how to remove the back cover.

Step 2



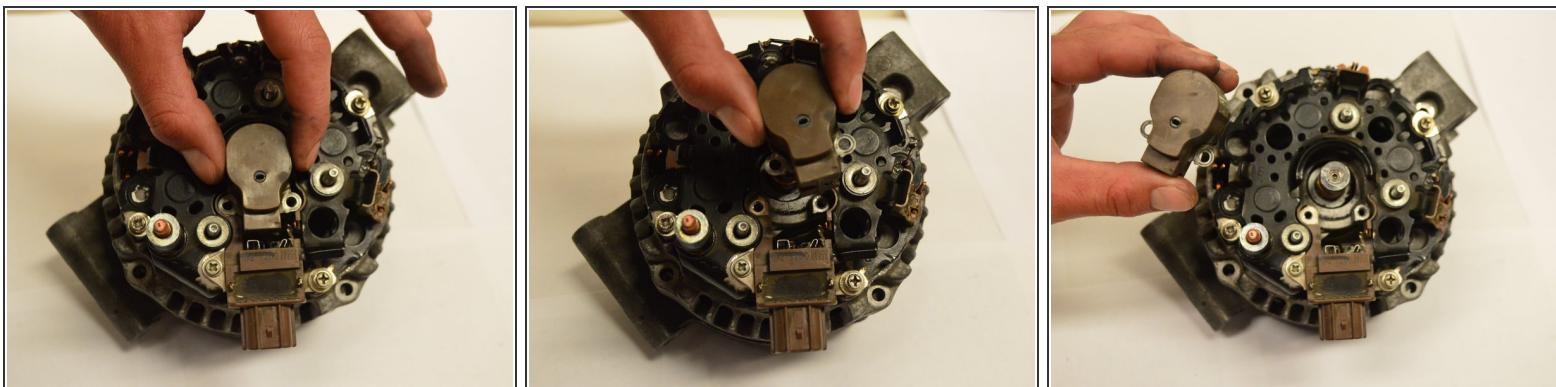
- Pull cover off the body of the alternator
- Once you have done this, you should be able to see the internal components of the alternator, particularly the bridge assembly that houses the rectifier, voltage regulator and brushes.

Step 3 — Brushes



- You should now be able to see the rectifier assembly, the brushes are located in the middle of the rectifier assembly.
- Remove the brush assembly by unscrewing 2, 6mm center screws using a #2 Phillips head screw driver

Step 4



- Remove the brush assembly by pulling it out.

Step 5



- Inspect the brushes. If they are scored and not smooth you will need to replace the entire assembly.
- When reinserting the brushes, make sure the springs keep the brushes in contact with the stator.

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