FK8-6-143 Throttle Body Silicone

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This document was generated on 2024-12-01 01:37:17 PM (MST).

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INTRODUCTION

In this installation guide we have provided step by step instructions to install the 27WON Performance FK8 Throttle Body Silicone.

Advisory:

- The engine bay will be hot after recent vehicle operation. Allow the vehicle to cool or use a fan to cool the engine bay before working on the vehicle.

TOOLS:

- 3/8" Ratchet (1)
- Deep 10mm Socket (1)
- 3/8" Extention (1)
- 12mm Socket - Deep (1)
- Small Needle Nose Pliers (1)

PARTS:

- FK8 Throttle Body Silicone (1)
- CLP-6-076 (1)
- CLP-6-067 (1)

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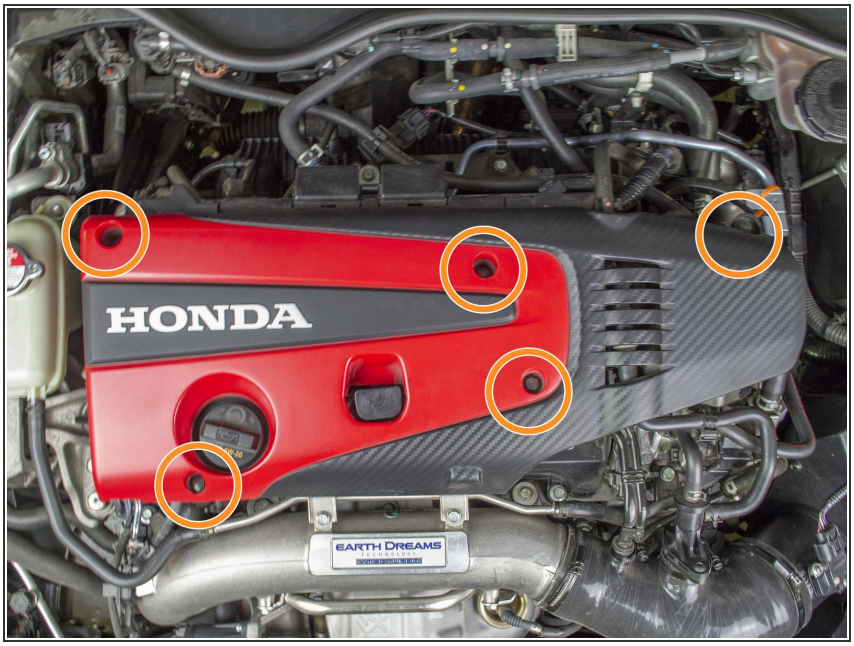
Step 1 — Getting Started

- First and foremost; **THANK YOU** for becoming a part of the 27WON Family. We hope to **REDEFINE** your experience of the aftermarket with the highest level Parts, Customer Service, Packaging, & Support

ⓘ These instructions were written with a 2018 Honda Civic Type R.

Step 2 — Remove the Engine Cover



- Remove the five (5) 10 mm bolts circled in orange with a 10 mm deep socket and ratchet and then remove the engine cover

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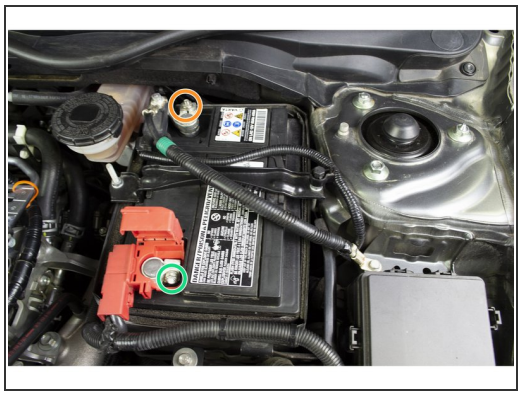
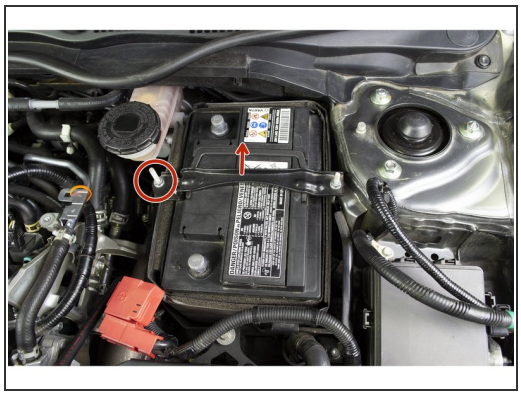
Step 3 — Remove the Battery





- Loosen the nut with a 10mm deep socket and ratchet then remove the Negative cable from the battery. Tuck the cable out of the way
- Loosen the nut with a 10mm deep socket and ratchet then remove the Positive cable from the battery. Tuck the cable out of the way
- Loosen the nut (red circle) with a 10mm deep socket and ratchet then remove the hook and battery tiedown from the battery
- With the cables and tiedown out of the way lift the battery out of the engine bay and set it to the side
  - ⓘ Note that there may be a handle on your battery that makes removal easier

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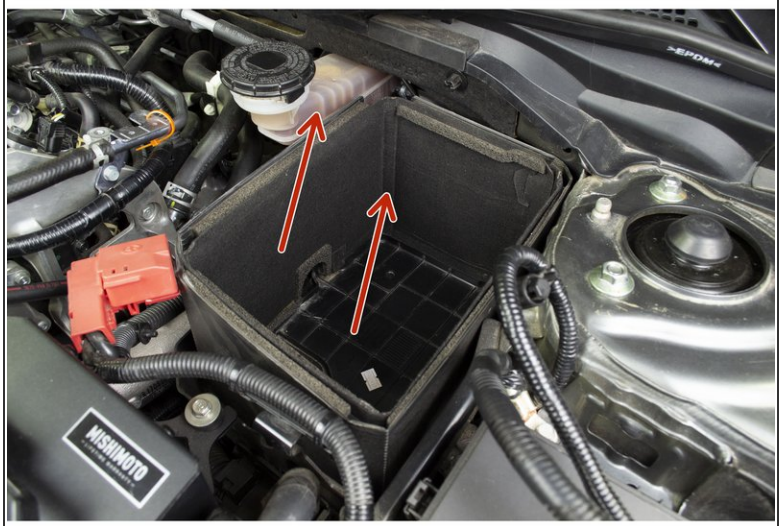
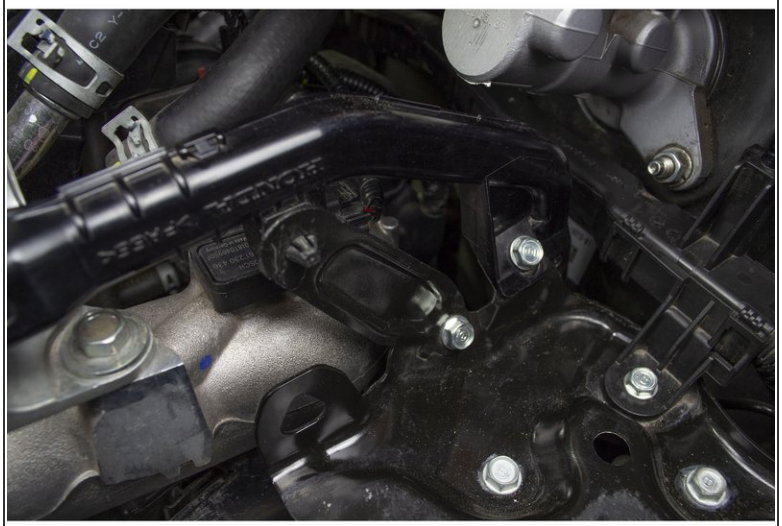
Step 4 — Remove the Battery Tray and Case





- Remove the battery foam and tray case to reveal the battery bracket.

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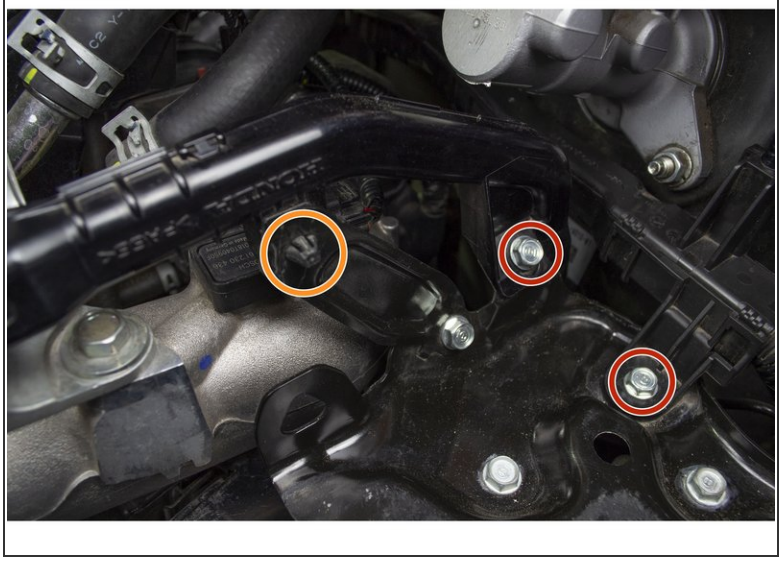
Step 5 — Detach the Battery Cable from the Bracket



- Remove the 2 bolts with a 10 mm deep socket and ratchet and set them aside.
- With needle nose pliers pinch the clip and push it out of the bracket
- Remove the nut behind the engine that holds the plastic cable assembly in place with a 10 mm deep socket and ratchet and set it aside
- The entire plastic cable assembly should now be loose. This should make removing the battery bracket easier in the next step

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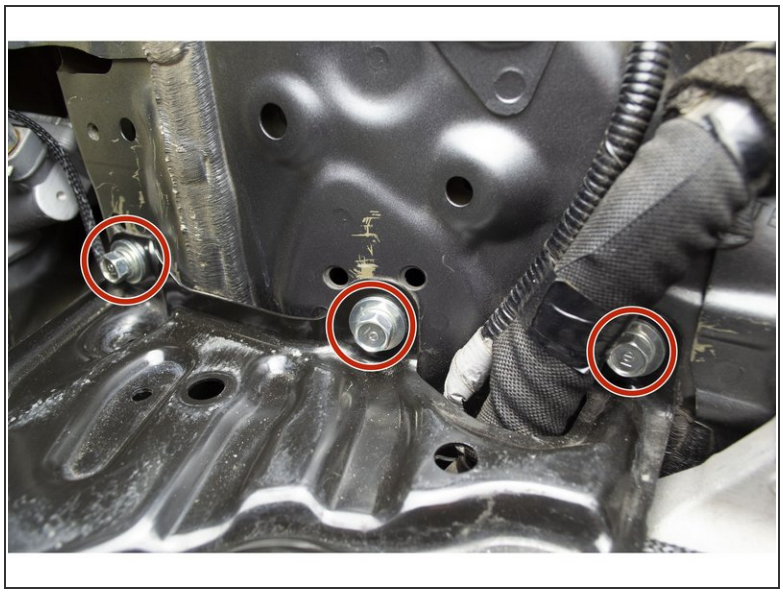
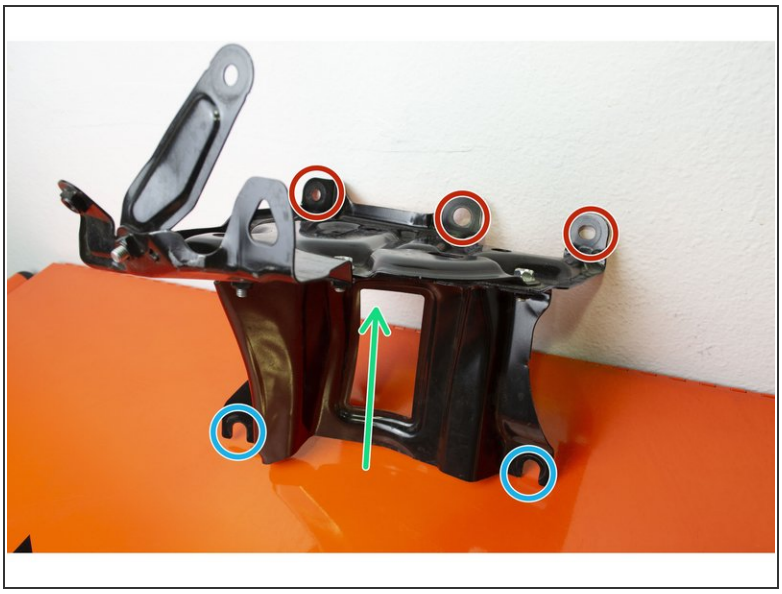
Step 6 — Remove the Battery Bracket





- There are three (3) 12mm bolts that must be removed on the top
- There are two (2) 12mm bolts underneath the bracket that must be loosened. The second picture shows the bracket out of the car to make finding the blind bolts easier
- With the upper bolts removed, the lower bolts loosened, and the plastic cable assembly loose, the bracket can now slide up and out of the engine bay

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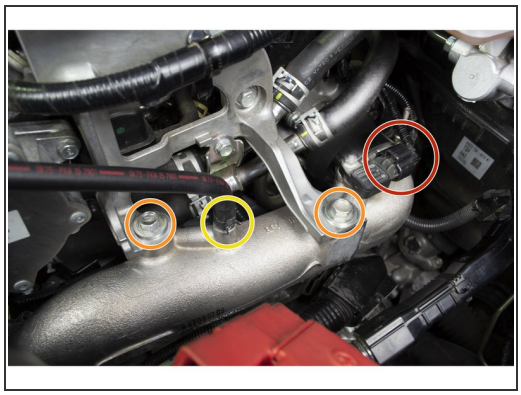
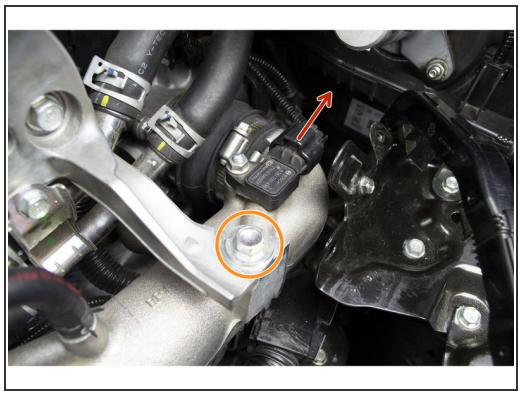
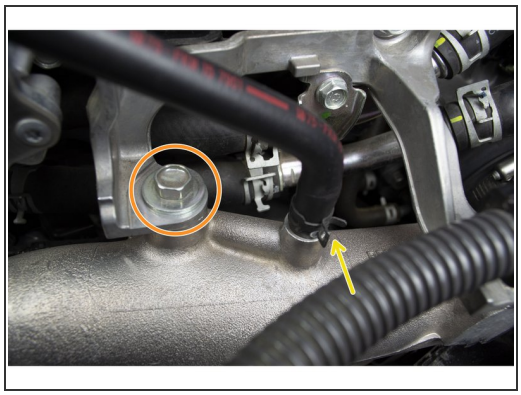
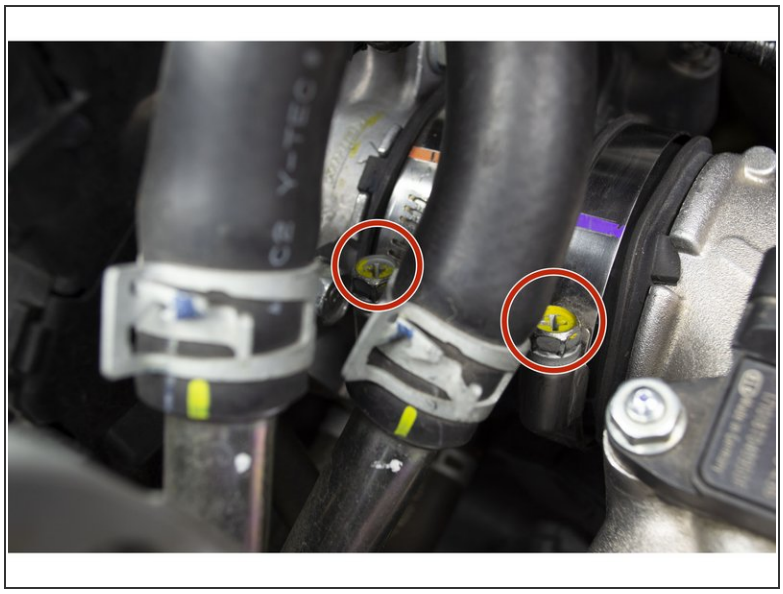
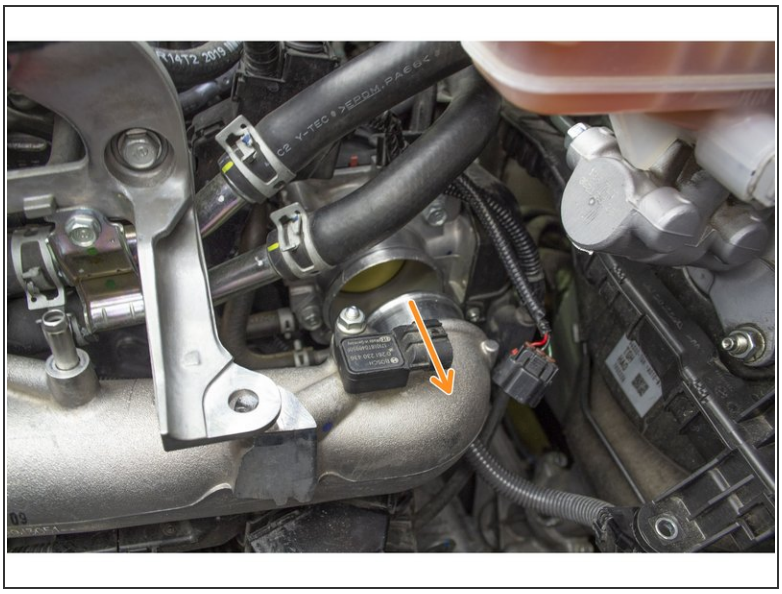
Step 7 — Loosen the Charge Pipe

- Unplug the Map Sensor and set the wire harness out of the way
- With a 12mm socket and ratchet remove the two (2) bolts, circled in orange, and set them aside
- Pinch the hose clamp with needle nose pliers and remove the hose from the charge pipe

Step 8 — Remove the OEM Throttle Body Tube

- With a 10mm socket, extension and ratchet loosen the two (2) hose clamps
  - ⓘ Alternatively if you don't have a long enough extension then you can use a long Philips head screw driver
- With the clamps loosened you should now be able to pull the charge pipe toward the side of the car and remove the OEM throttle body tubing

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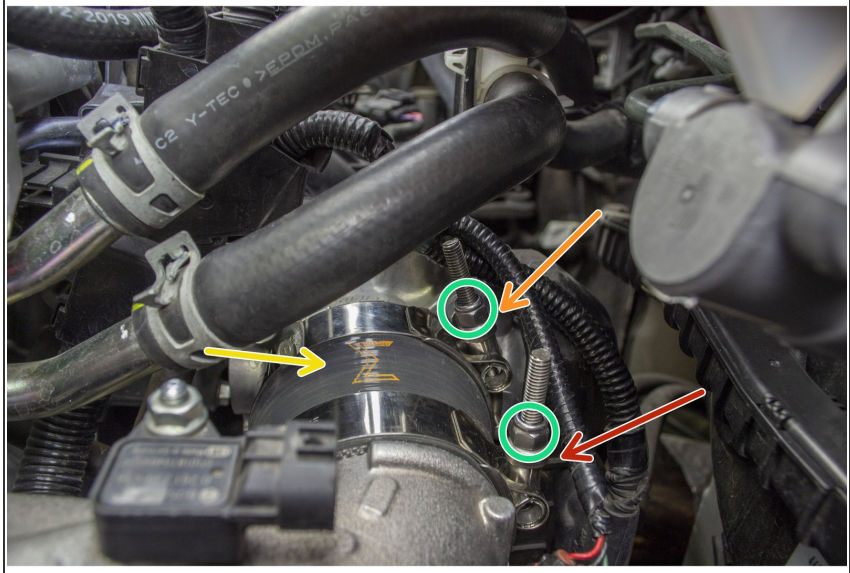
Step 9 — Install the 27WON Throttle Body Silicone



- Loosely place the 67-75 clamp on the smaller side of the silicone. Orientate the 67-75 clamp as shown
- Loosely place the 76-84 clamp on the larger side of the silicone. Orientate the 76-84 clamp as shown
- ⚠ Orienting the clamps as shown is necessary to avoid any potential contact or rubbing during engine movement
- Install the throttle body silicone so that the logo is facing up
  - ⓘ The smaller side of the silicone is connected to the charge pipe and the larger side of the silicone is connected to the throttle body
- With a 10mm deep socket and ratchet tight the two clamps

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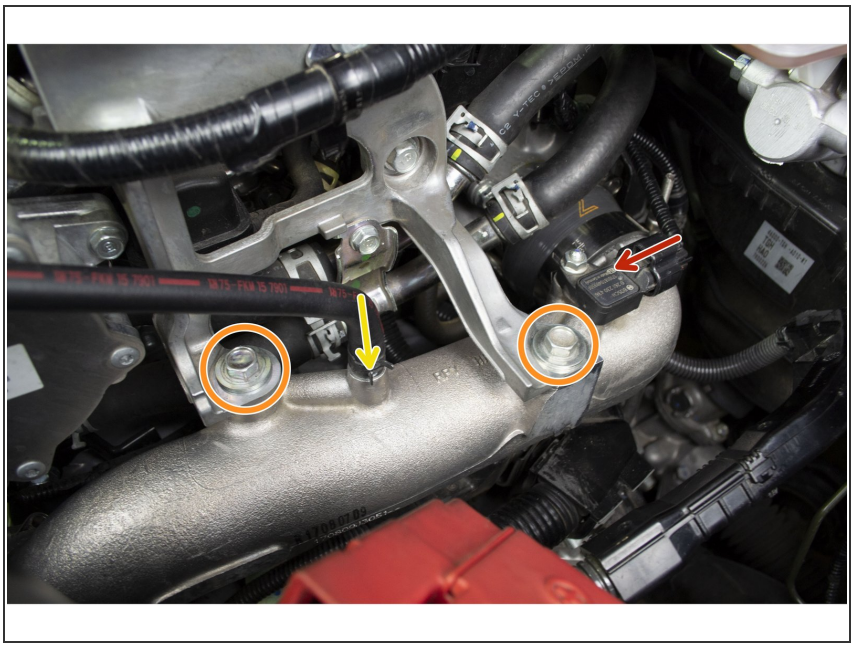
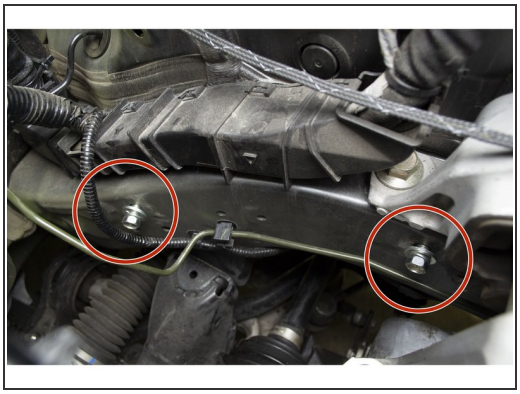
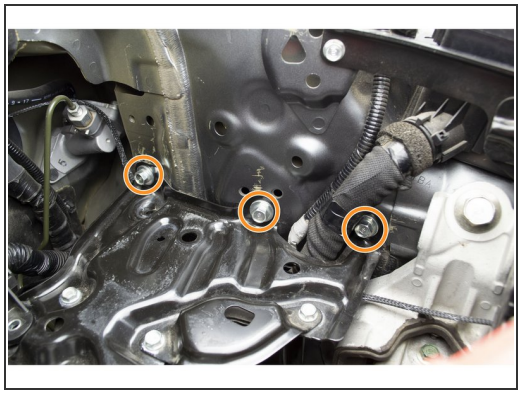
Step 10 — Reconnect the Charge Pipe



- Plug the wire back into the sensor
- Install the two 12mm bolts back into the charge pipe with a 12mm socket and ratchet
- Hook the hose back up to the stem with a pair of needle nose pliers

Step 11 — Reinstall the Battery Bracket





- Partially start the two lower 12mm bolts by hand. The battery bracket will rest between the washer and the engine bay
- Set the bracket into the engine bay and make sure the lower part is resting on the two lower bolts
- With the bracket in place, install the 3 upper 12mm bolts with a 12mm socket and ratchet
- With a 12mm socket, extension, and ratchet tighten the two lower bolts

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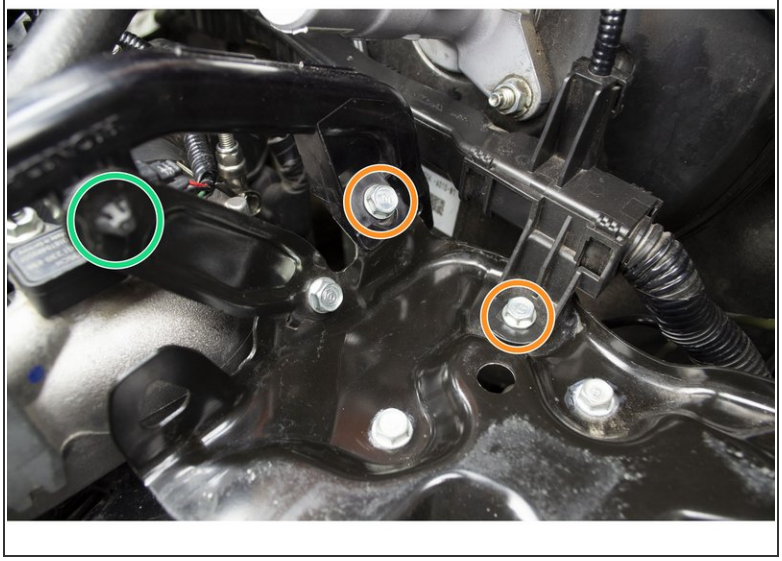
Step 12 — Rehook the Cable Assembily



- Hook the plastic cable assembly back on the stud and reinstall the 10mm nut with a 10mm deep socket and ratchet
- Reinstall the two 10mm bolts
- Reinsert the clip into the battery bracket

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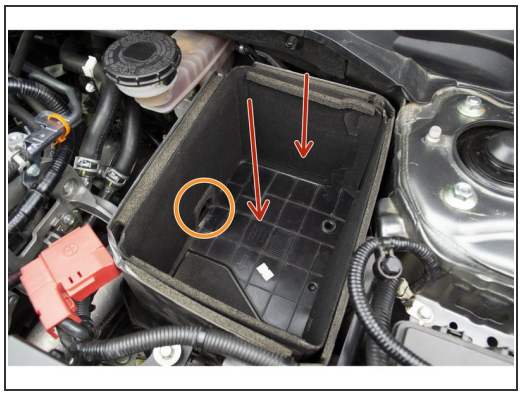
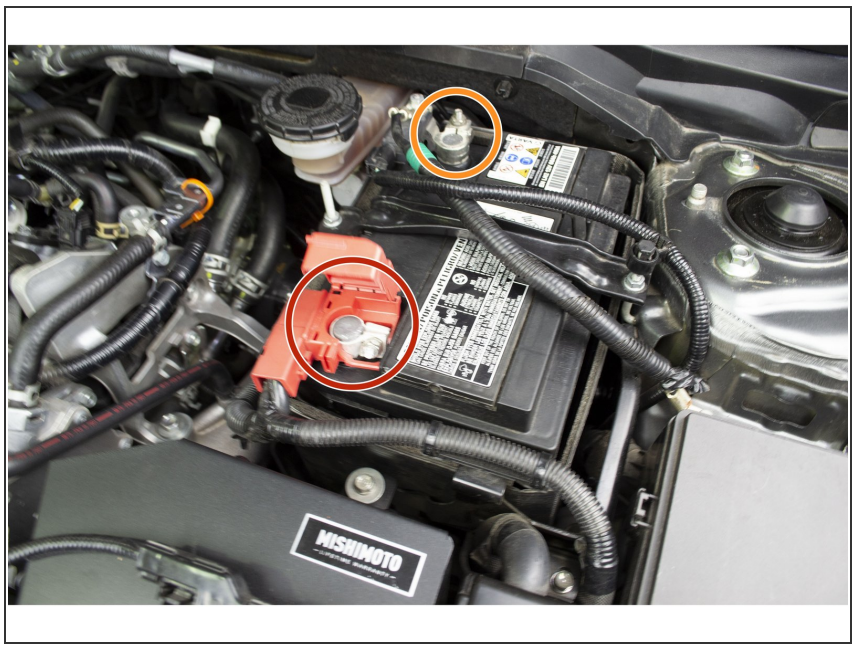
Step 13 — Install the Battery, Tray, and Foam



- Place the battery tray and foam on top of the battery bracket
- Set the battery on the tray and in the foam
- Install the battery tie down
  - ⓘ The long rod hooks to the battery tray
- Install the 10mm nut onto the long rod,. Tighten with a 10mm deep socket and ratchet

Step 14 — Hook up the Battery



- Place the positive wire back on the positive terminal
  - Tighten the nut with a 10mm deep socket and ratchet
- Place the negative wire back on the negative terminal
  - Tighten the nut with a 10mm deep socket and ratchet

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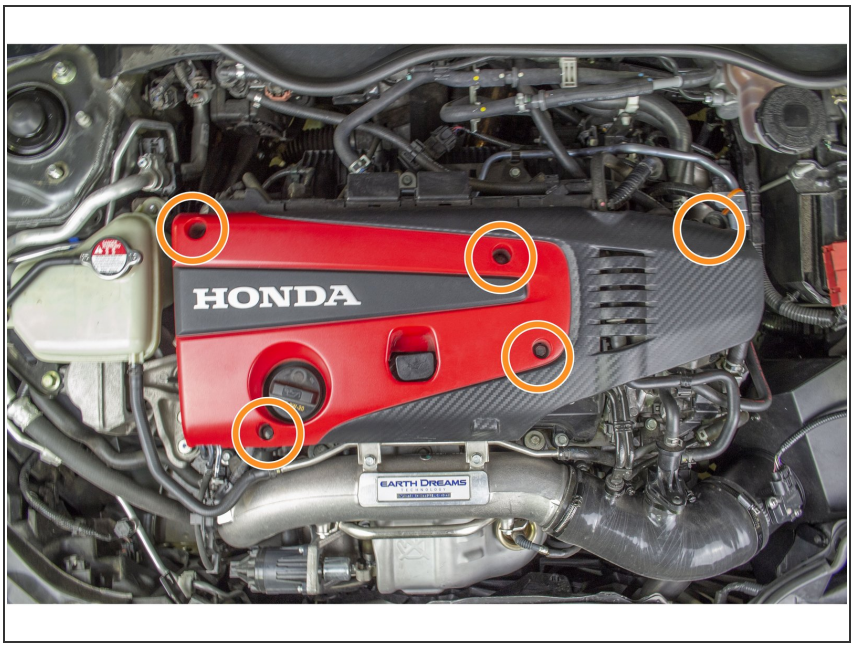
Step 15 — Reinstall the Engine Cover



- Align the engine cover on the engine, and install the five 10mm bolt with a 10mm deep socket and ratchet

Step 16 — I Dare You to REDEFINE

- This completes the installation of your 27WON Performance Throttle Body Silicone. If you still need to install your 27WON Performance boost tubes, you can do that here:https://www.performanceinstalls.com/Guid...

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- We hope you were impressed with your 27WON experience and love your new Throttle Body Silicone for years to come. Email us at

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sales@27won.com or call us at 571-271-0271 with any questions or concerns

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