

27WON

FK8-6-143 Throttle Body Silicone

Written By: Dozuki System



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:

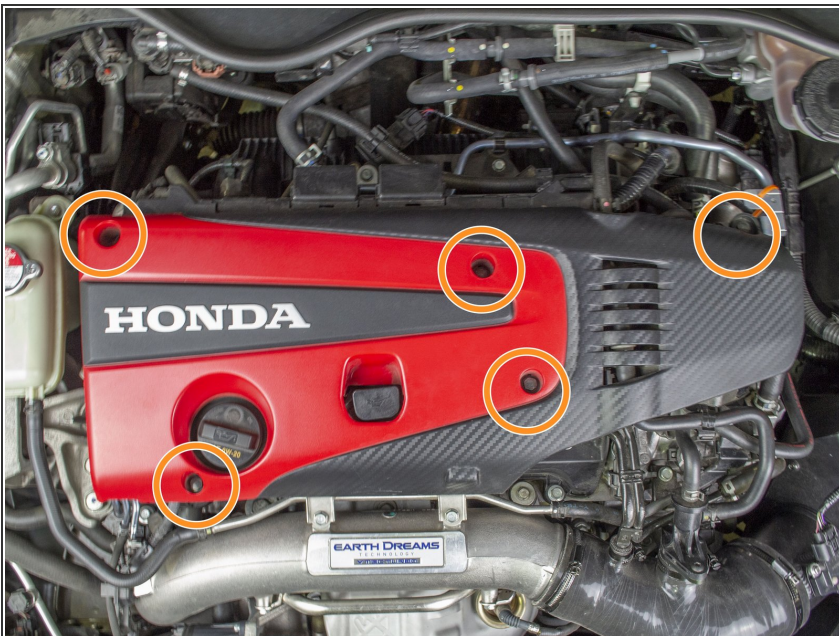
- [FK8 Throttle Body Silicone](#) (1)
- [CLP-6-076](#) (1)
- [CLP-6-067](#) (1)

Step 1 — Getting Started



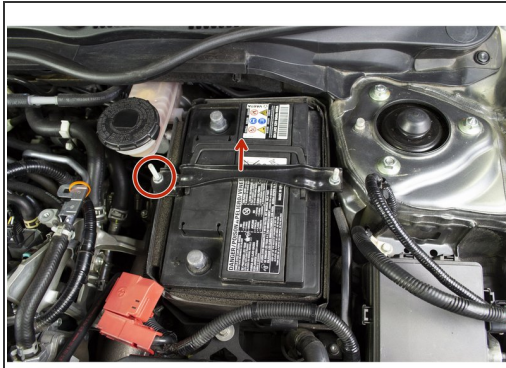
- First and foremost; **THANK YOU** for becoming a part of the 27WON Family. We hope to **REDEFINE** your experience of the aftermarket with the highest level Parts, Customer Service, Packaging, & Support
- ❗ These instructions were written with a 2018 Honda Civic Type R.

Step 2 — Remove the Engine Cover



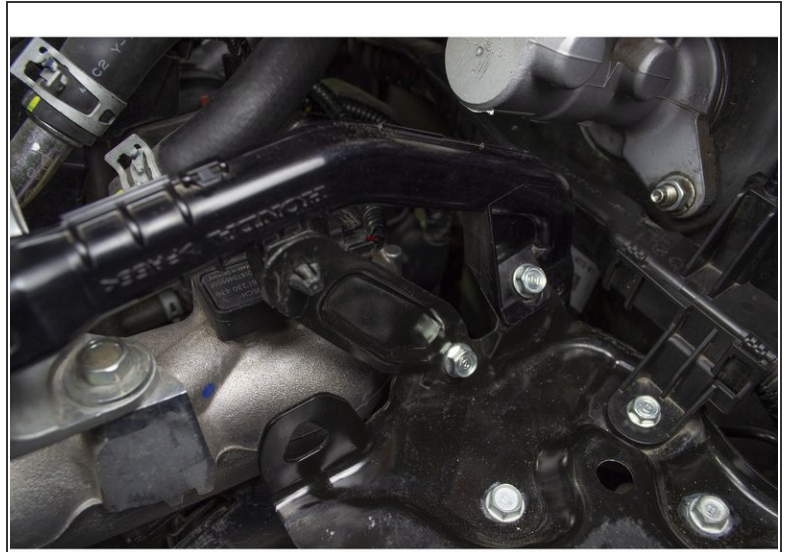
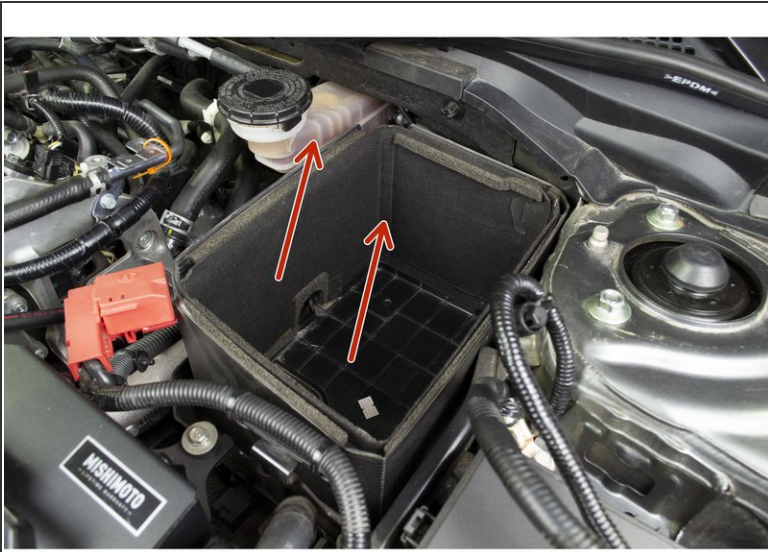
- Remove the five (5) 10 mm bolts circled in orange with a 10 mm deep socket and ratchet and then remove the engine cover

Step 3 — Remove the Battery



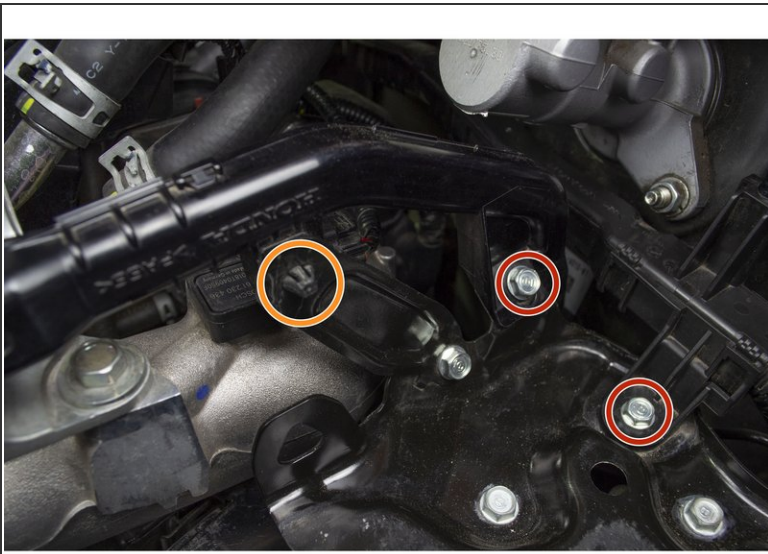
- Loosen the nut with a 10mm deep socket and ratchet then remove the Negative cable from the battery. Tuck the cable out of the way
 - Loosen the nut with a 10mm deep socket and ratchet then remove the Positive cable from the battery. Tuck the cable out of the way
 - Loosen the nut (red circle) with 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

Step 4 — Remove the Battery Tray and Case



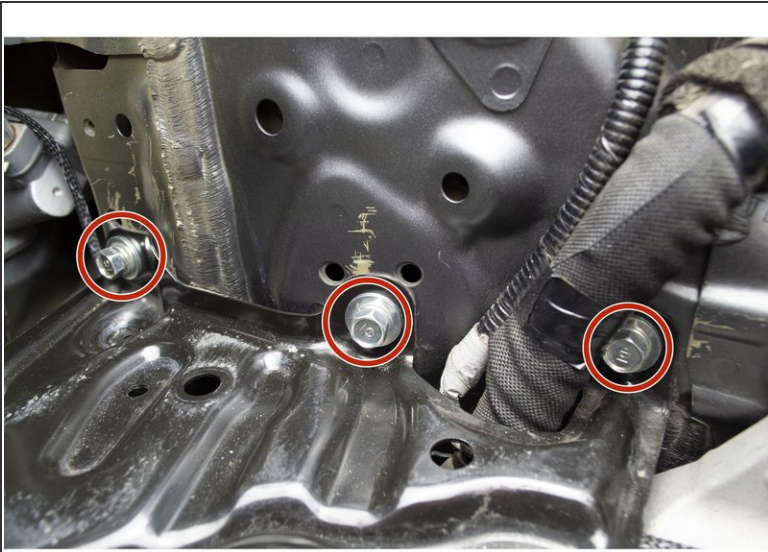
- Remove the battery foam and tray case to reveal the battery bracket.

Step 5 — Detach the Battery Cable from the Bracket



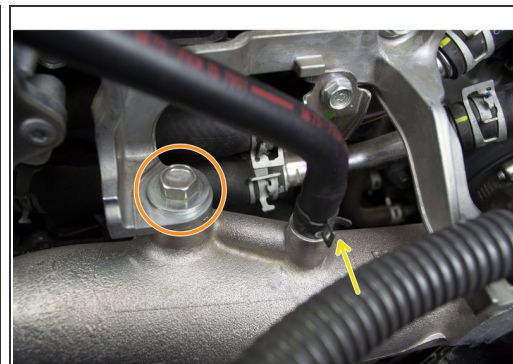
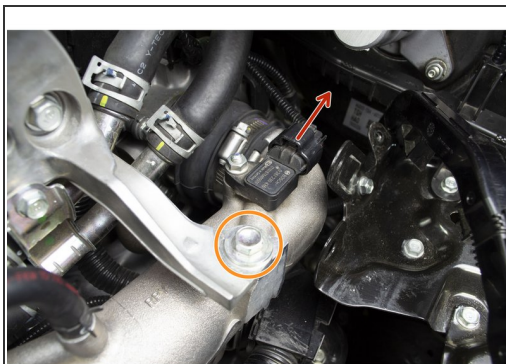
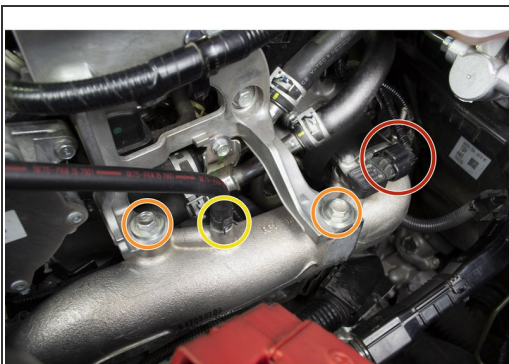
- Remove the 2 bolts with a 10 mm deep socket and ratchet and set them aside.
- With needle nose pliers pinch the clip and push it out of the bracket
- Remove the nut behind the engine that holds the plastic cable assembly in place with a 10 mm deep socket and ratchet and set it aside
- The entire plastic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

Step 6 — Remove the Battery Bracket



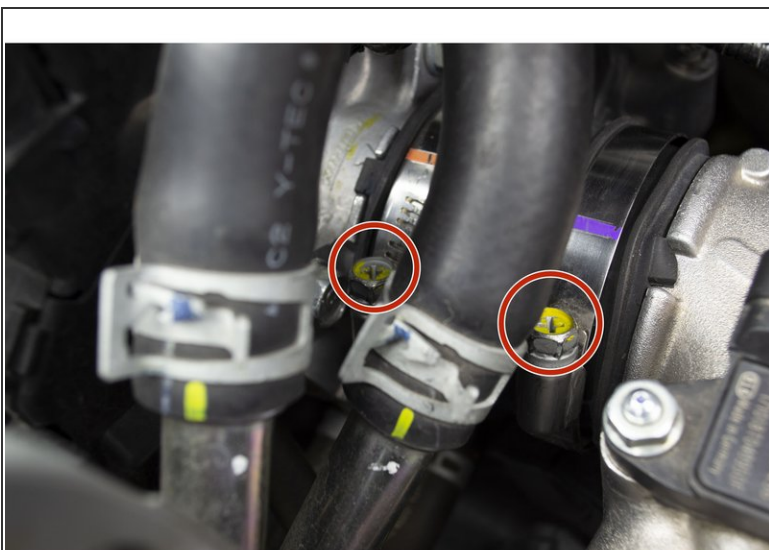
- There are three (3) 12mm bolts that must be removed on the top
- There are two (2) 12mm bolts underneath the bracket that must be loosened. The second picture shows the bracket out of the car to make finding the blind bolts easier
- With the upper bolts removed, the lower bolts loosened, and the plastic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

Step 7 — Loosen the Charge Pipe



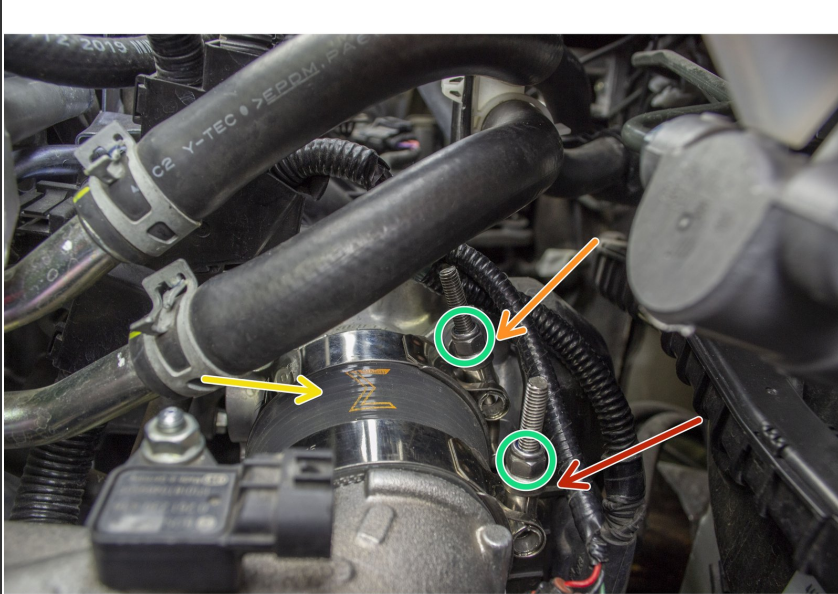
- Unplug the Map Sensor and set the wire harness out of the way
- With a 12mm socket and ratchet remove the two (2) bolts, circled in orange, and set them aside
- Pinch the hose clamp with needle nose pliers and remove the hose from the charge pipe

Step 8 — Remove the OEM Throttle Body Tube



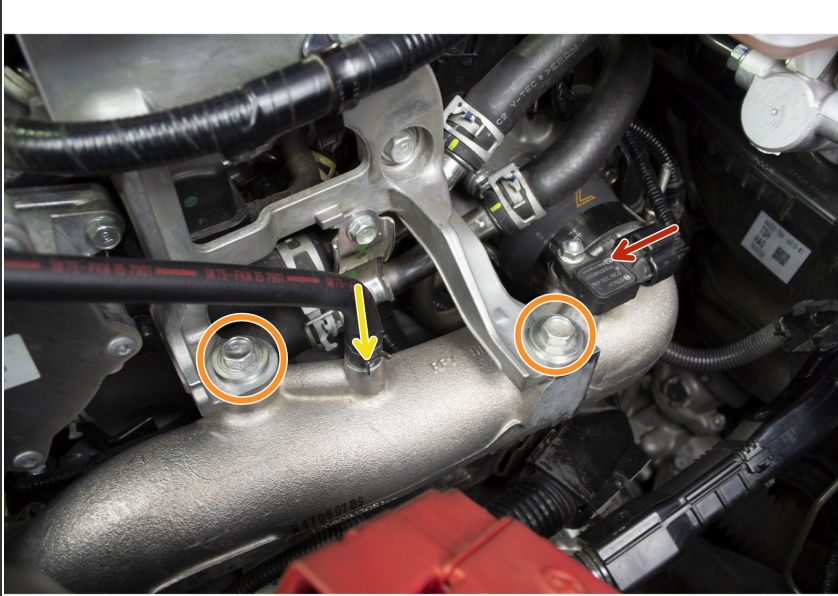
- With a 10mm socket, extension and ratchet loosen the two (2) hose clamps
 - ⓘ Alternatively if you don't have a long enough extension then you can use a long Philips head screw driver
- With the clamps loosened you should now be able to pull the charge pipe toward the side of the car and remove the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

Step 9 — Install the 27WON Throttle Body Silicone



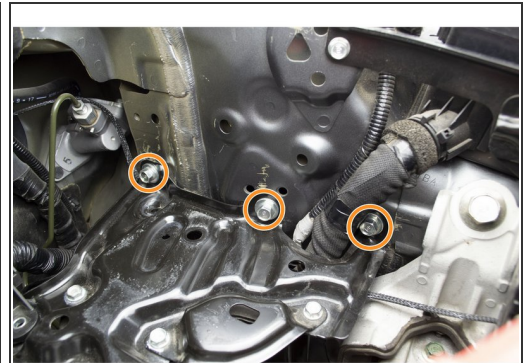
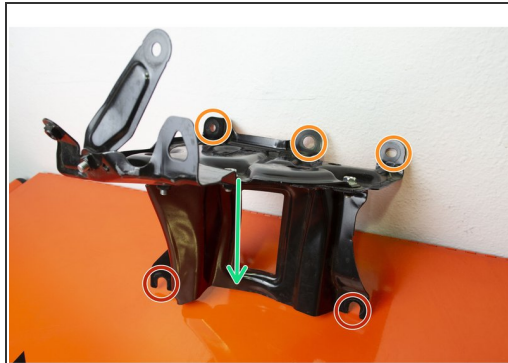
- Loosely place the 67-75 clamp on the smaller side of the silicone. Orientate the 67-75 clamp as shown
- Loosely place the 76-84 clamp on the larger side of the silicone. Orientate the 76-84 clamp as shown
- ⚠ Orienting the clamps as shown is necessary to avoid any potential contact or rubbing during 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

Step 10 — Reconnect the Charge Pipe



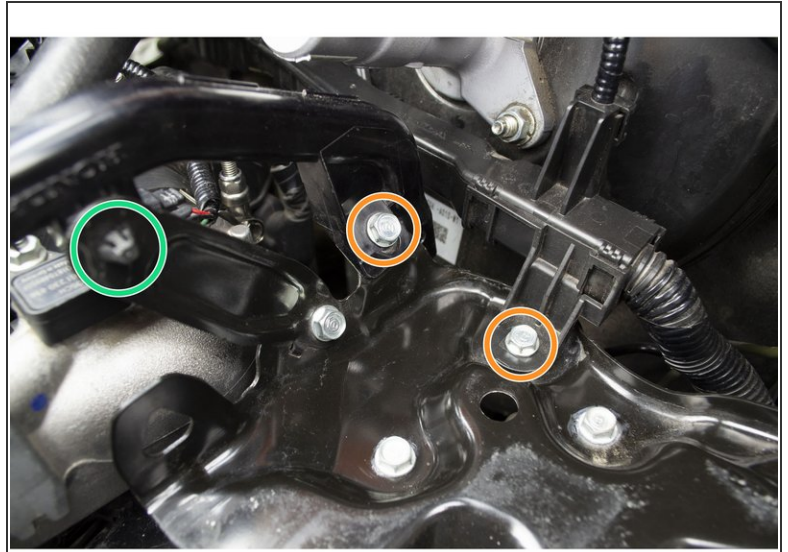
- Plug the wire back into the sensor
- Install the two 12mm bolts back into the charge pipe with a 12mm socket and ratchet
- Hook the hose back up to the stem with a pair of needle nose pliers

Step 11 — Reinstall the Battery Bracket



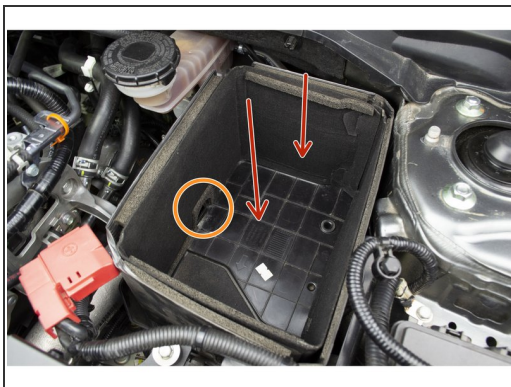
- Partially start the two lower 12mm bolts by hand. The battery bracket will rest between the washer and the engine bay
- Set the bracket into the engine bay and make sure the lower part is resting on the two lower bolts
- With the bracket in place, install the 3 upper 12mm bolts with a 12mm socket and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

Step 12 — Rehook the Cable Assembly



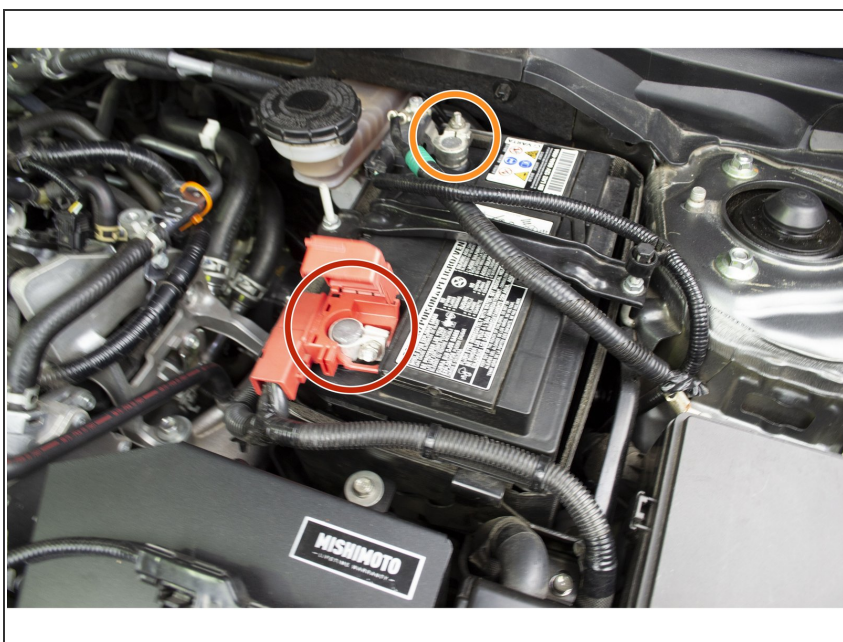
- Hook the plastic cable assembly back on the stud and reinstall the 10mm nut with a 10mm deep socket and ratchet
- Reinstall the two 10mm bolts
- Reinsert the clip into the battery bracket

Step 13 — Install the Battery, Tray, and Foam



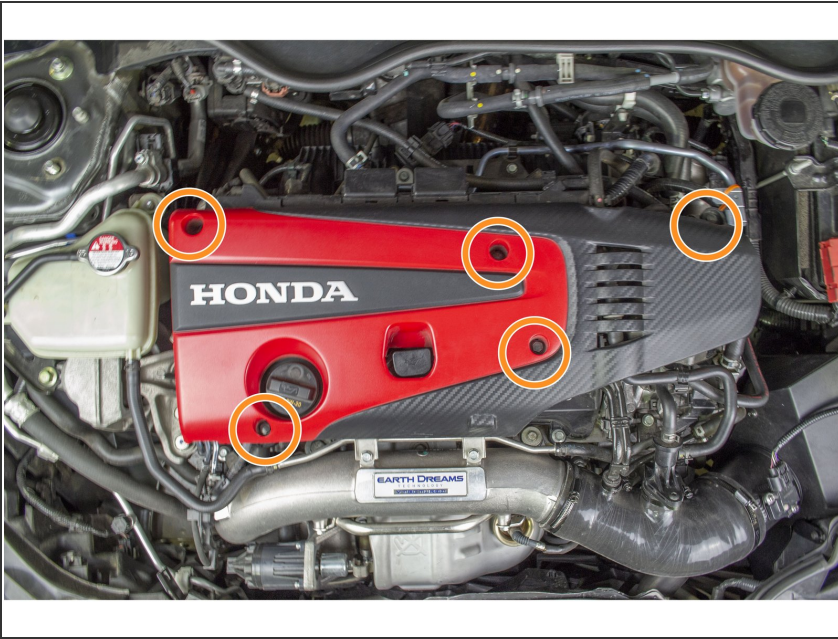
- Place the battery tray and foam on top of the battery bracket
- Set the battery on the tray and in the foam
- Install the battery tie down
 - ⓘ The long rod hooks to the battery tray
- Install the 10mm nut onto the long rod,. Tighten with a 10mm deep socket and ratchet

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

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...>

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

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

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