



**2022+ Honda Civic SI/Sport and
2023+ Honda Civic Type R BIG
MOUTH Lit Kit Installation Guide**

Kit Contents (Full Kit)

Please review this document before attempting installation.

You will need basic hand tools and 2 hours of installation time.

Kit Contents	Qty
M6 x 40mm Cap Screw	1
#8 x 1/2" Round Screw	1
1/4" x 1" Fender Washer	1
M6 brass insert, knurled	1
Diode Dynamics RGBQ Controller	1
Positive Cable w/ In-Line Fuse	1
Power Cable w/ Pigtail Connector	1
Switch	1
Switch Ground Cable w/ Crimped Connector	1
8" Zip Ties	8
Cable Clip	1
Assembled LIT KIT Big Mouth	1



Kit Contents (LIT Flare Only)

Please review the table below and make sure you have received the kit contents.

Kit Contents	Qty
Diode Dynamics RGBW Controller	1
Positive Cable w/ In-Line Fuse	1
Power Cable w/ Pigtail Connector	1
Switch	1
Switch Ground Cable w/ Crimped Connector	1
8" Zip Ties	8
Cable Clip	2
Assembled LIT KIT BIG MOUTH	1



If you already own the Velossa Tech Civic SI BIG MOUTH, skip to slide 11 to see install and wiring instructions.



VELOSSA TECH

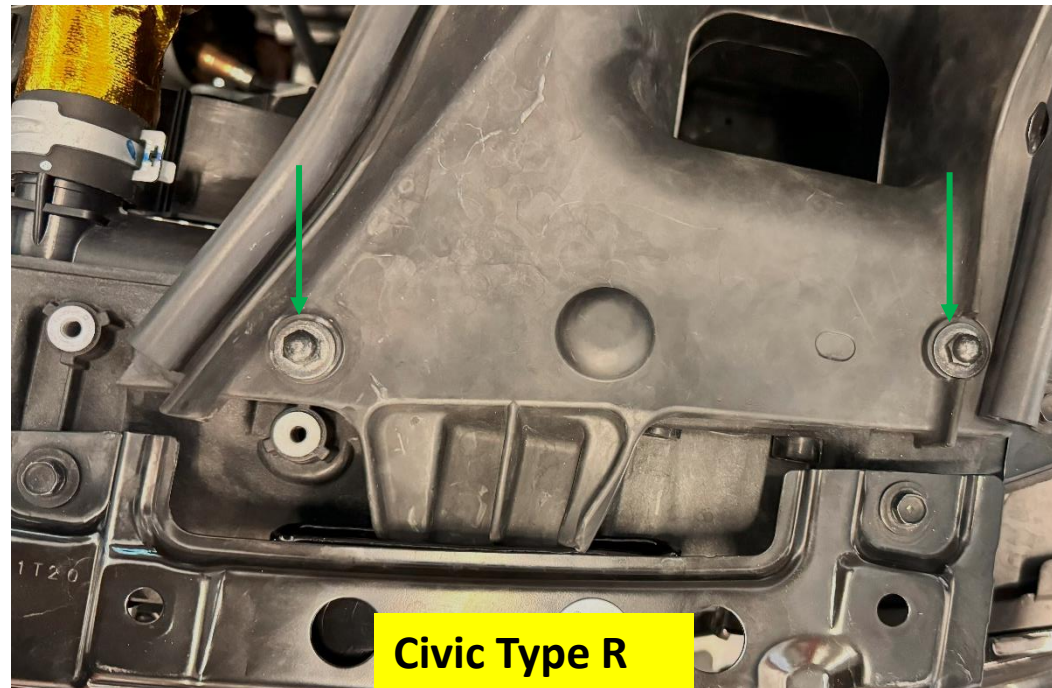
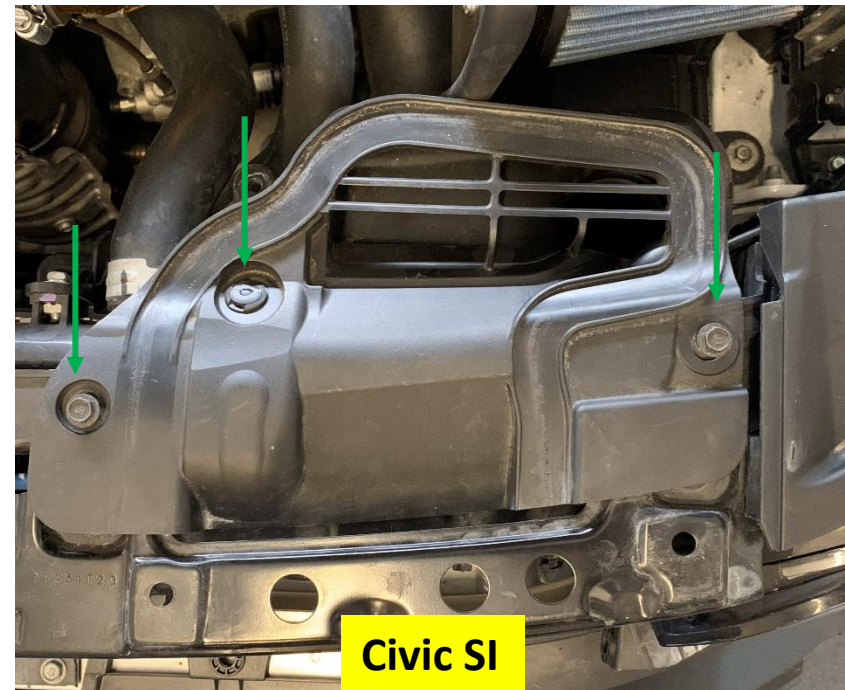
Driver Side Hole Location

Remove the stock shroud to allow for installation of the Big Mouth. Hold on to the pop-up retainer clips that retain the shroud. An OEM retainer clip will be used later to install the Big Mouth.



Remove Stock Components

Remove the indicated air intake assembly by undoing the indicated bolts and plastic push clip.



Civic Type R: Add Brass Insert

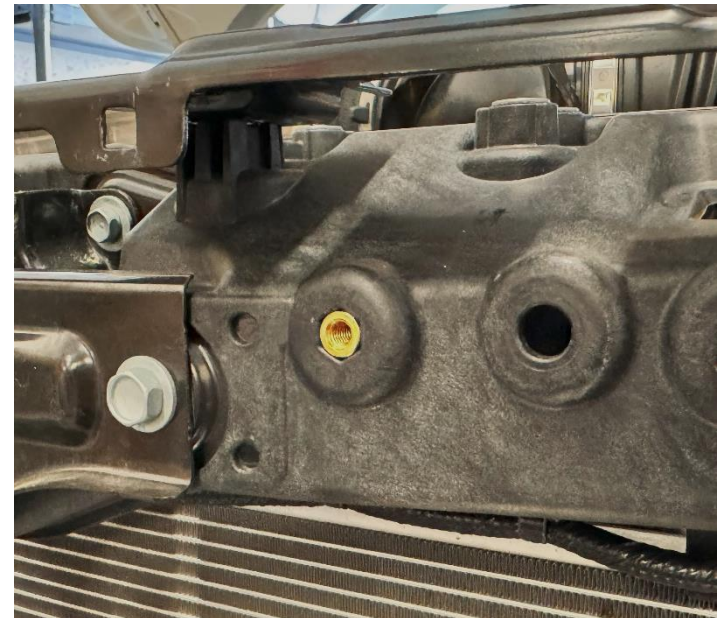
To install the Civic Type R Big Mouth, you will need to press fit the provided M6 brass insert into the indicated hole. **It is highly recommended to use cyanoacrylate (CA)/super glue to help keep the insert in place. Using heat is NOT recommended.**

Screw the M6 x 40mm screw into the insert, add the glue around the insert (**do not let glue get in the threads!**) and press fit until the insert is flush. Use the screw to ensure the insert has gone in straight. Remove the screw and let the glue dry for 15 mins.

When installing the Big Mouth, fasten the screw by hand and tighten 1/8 of a turn with Allen key. **DO NOT OVERTIGHTEN as you could pull the insert out.**

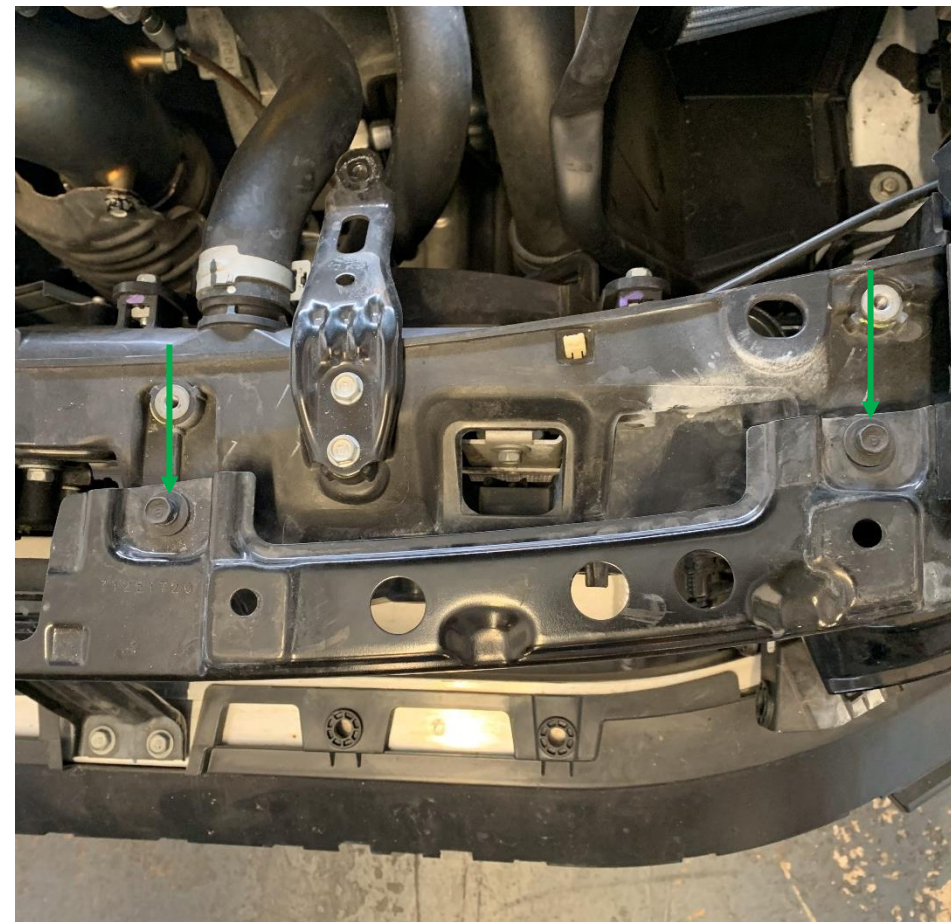


Press fit the provided M6 brass insert into this hole (the insert in this image is NOT flush; press until flush)



Remove Stock Components

Loosen (**no need to remove**) the indicated bolts just enough to allow the section of frame to flex (left). Position the Big Mouth such that the round protrusion lines up with the hole in the section of frame (right).



Big Mouth Installation

Use the supplied M6 x 40mm cap screw and OEM retainer push clip to fasten the Big Mouth at the shown locations. **DO NOT OVERTORQUE.**



Big Mouth Installation

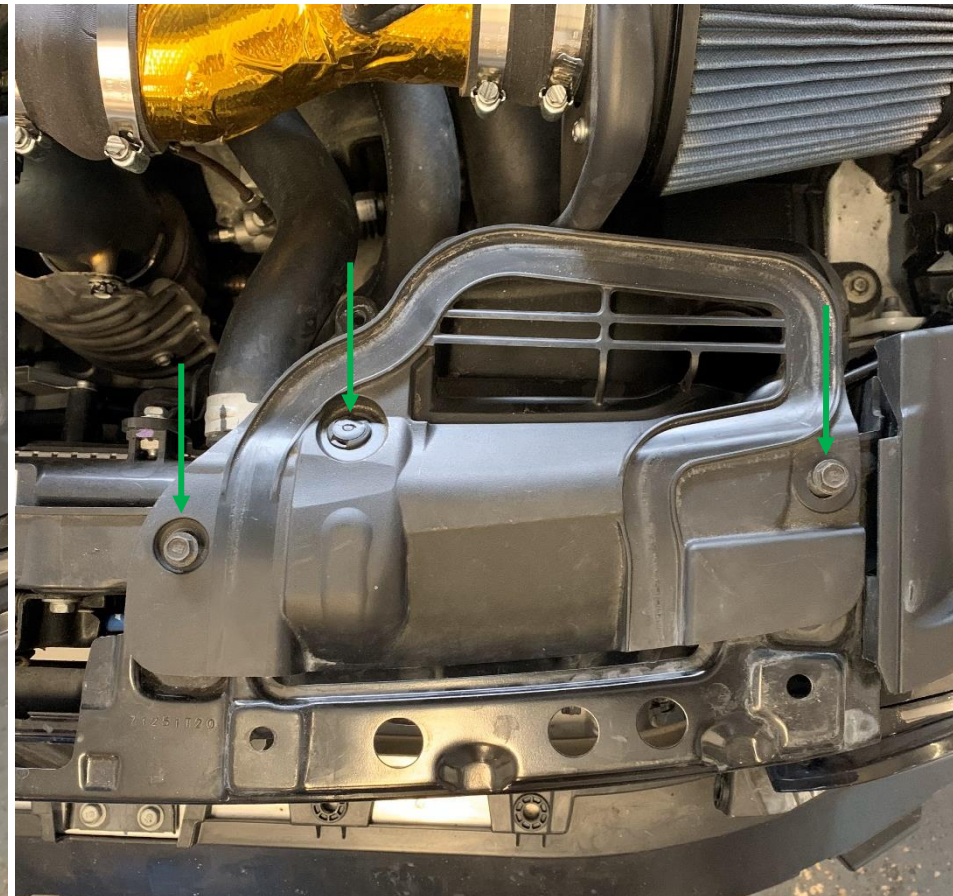
Use the supplied #8 screw and fender washer to fasten the Big Mouth from the top.

DO NOT OVERTORQUE.



Big Mouth Installation

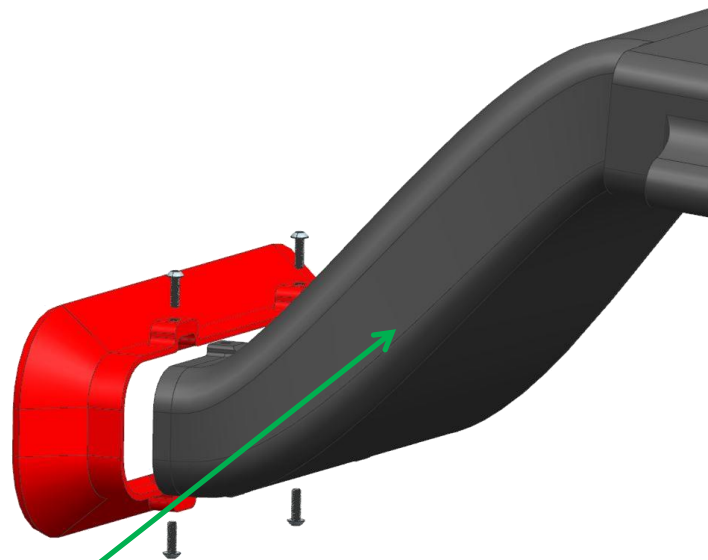
Once the Big Mouth has been fastened through all 3 points, re-attach the section of frame and stock air intake components that were removed/loosened prior to install. The Big Mouth should feel sturdy and free of any interference.



Install the LIT BIG MOUTH Flare

SKIP THIS SLIDE IF YOU PURCHASED A FULL LIT KIT

Attach the supplied cable clip to your BIG MOUTH as shown. Fasten the cable and provide enough slack to not strain the cable.



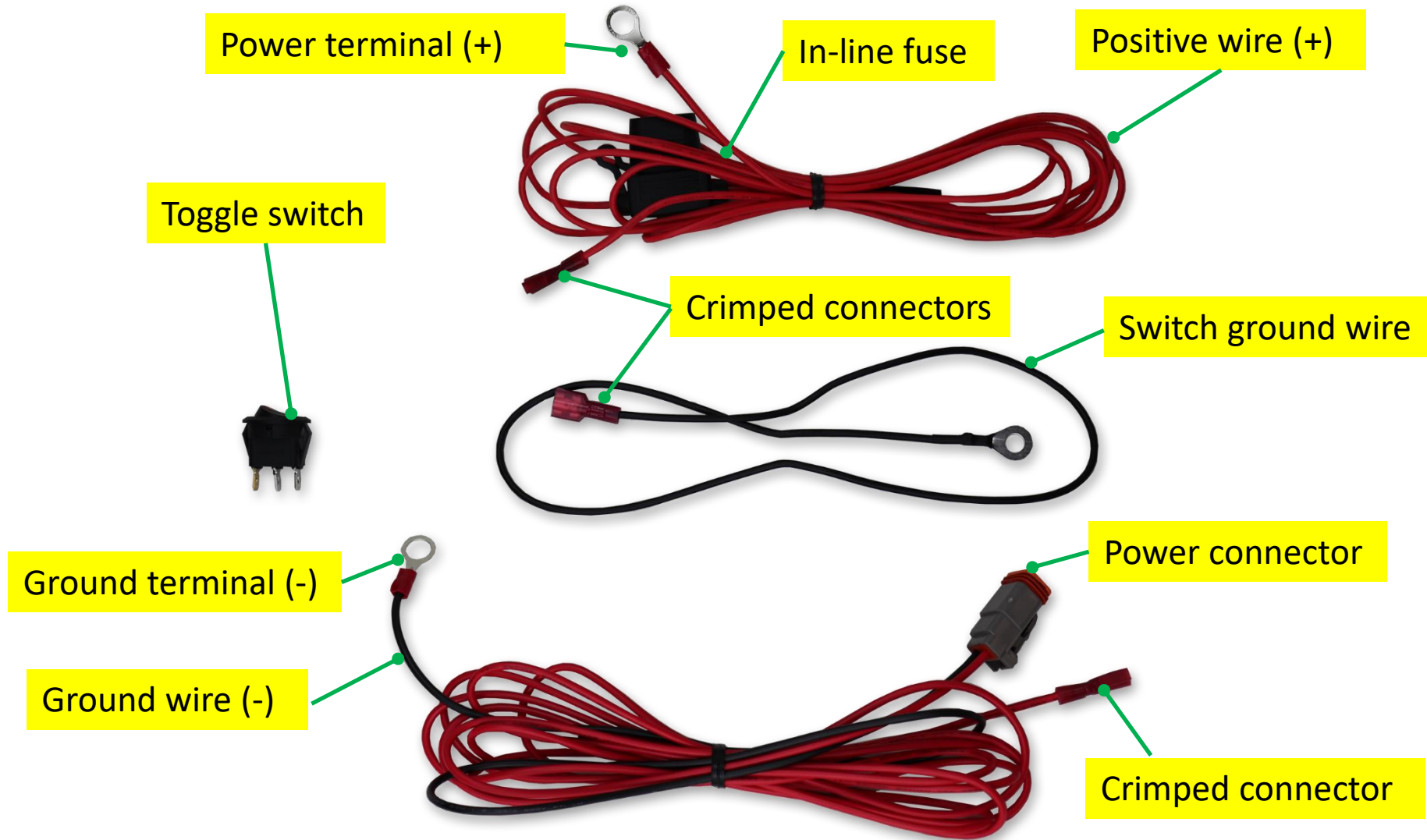
Attach the 3M cable clip here

If you purchased a LIT flare-only and already have a Gen 4 BIG MOUTH. Remove old flare and install the LIT flare with the 4 screws as shown.



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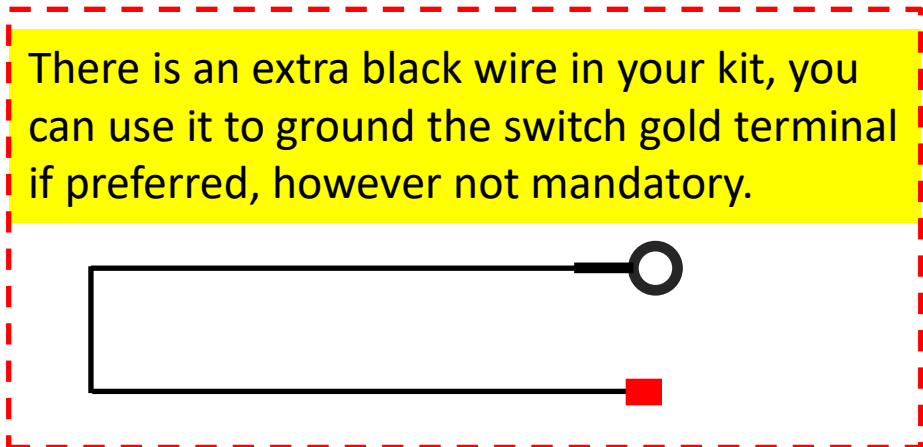
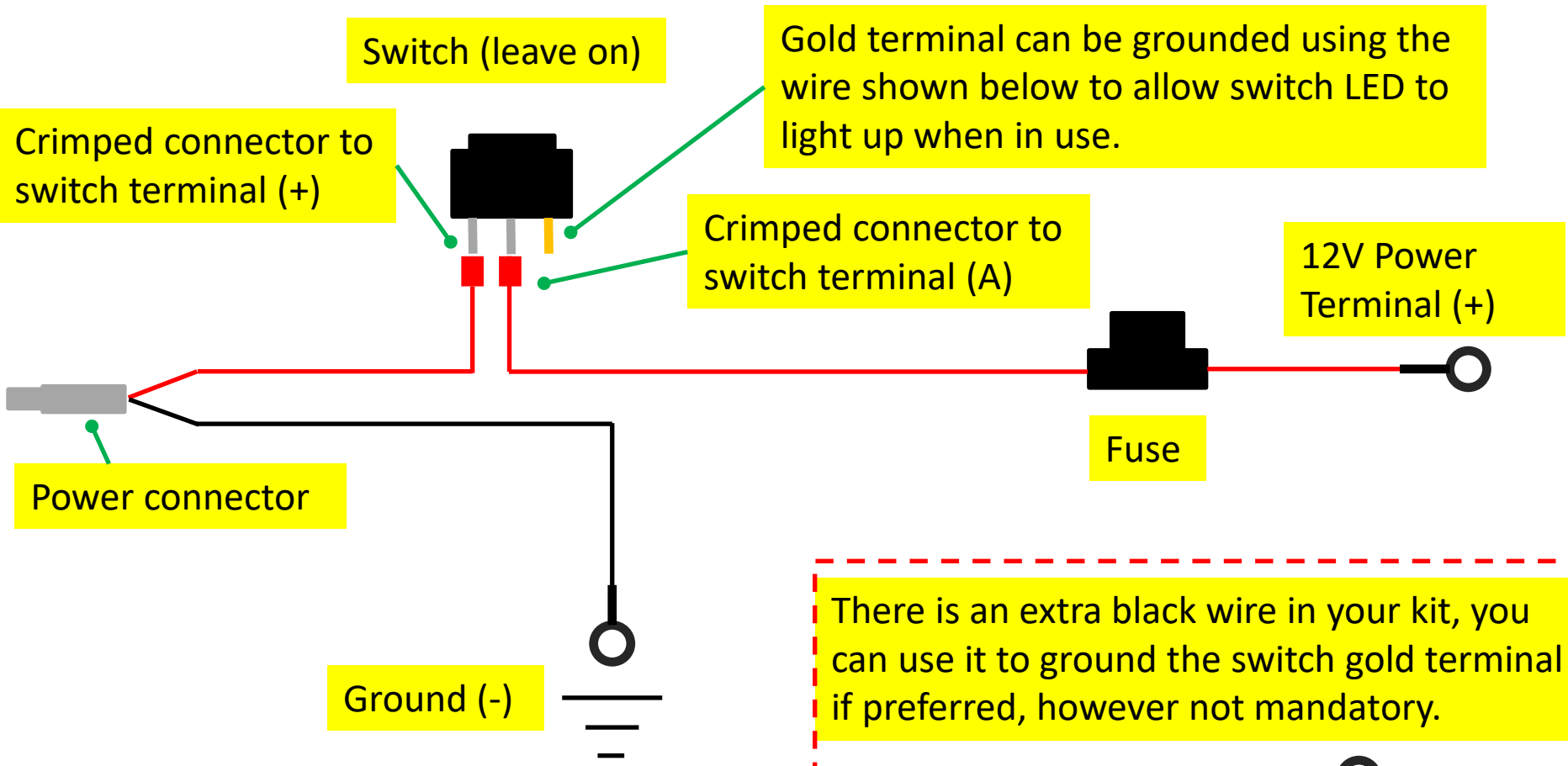
Wiring Harness





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Wiring Harness Schematic



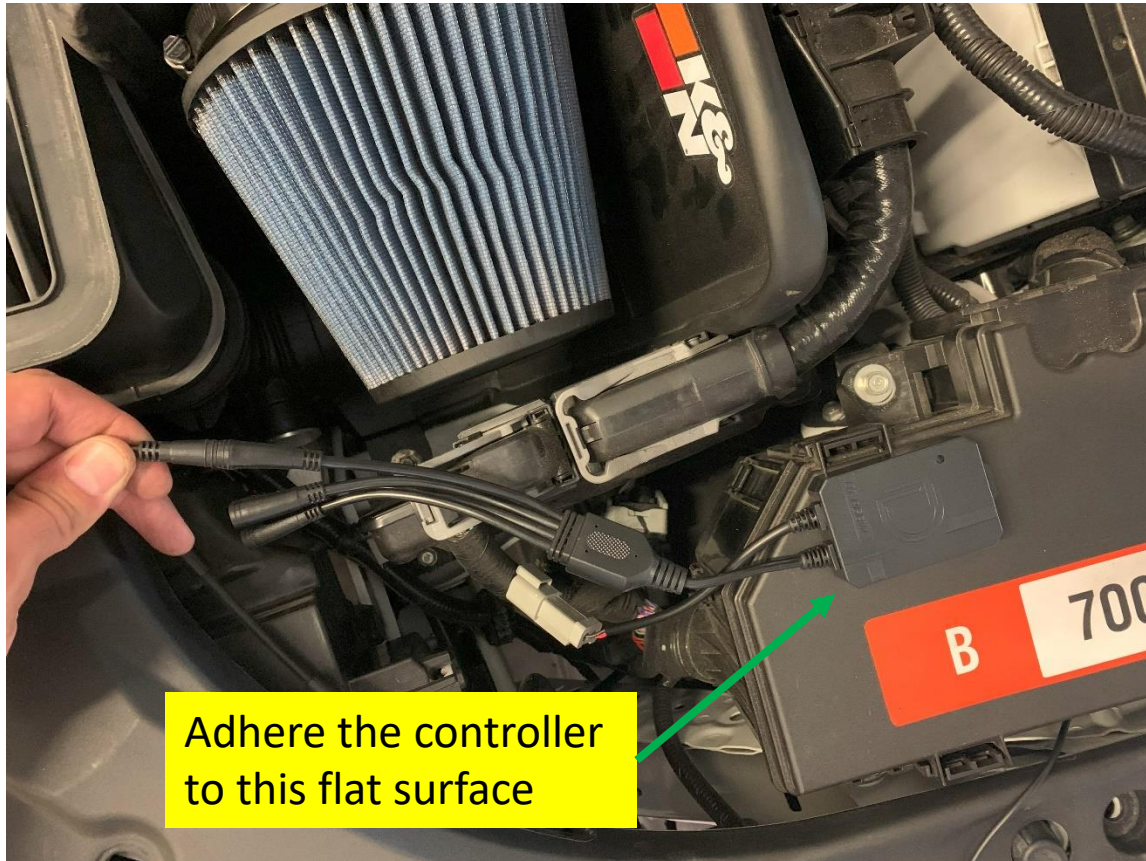
Big Mouth Wiring

Route the LED strip cable through the indicated opening.



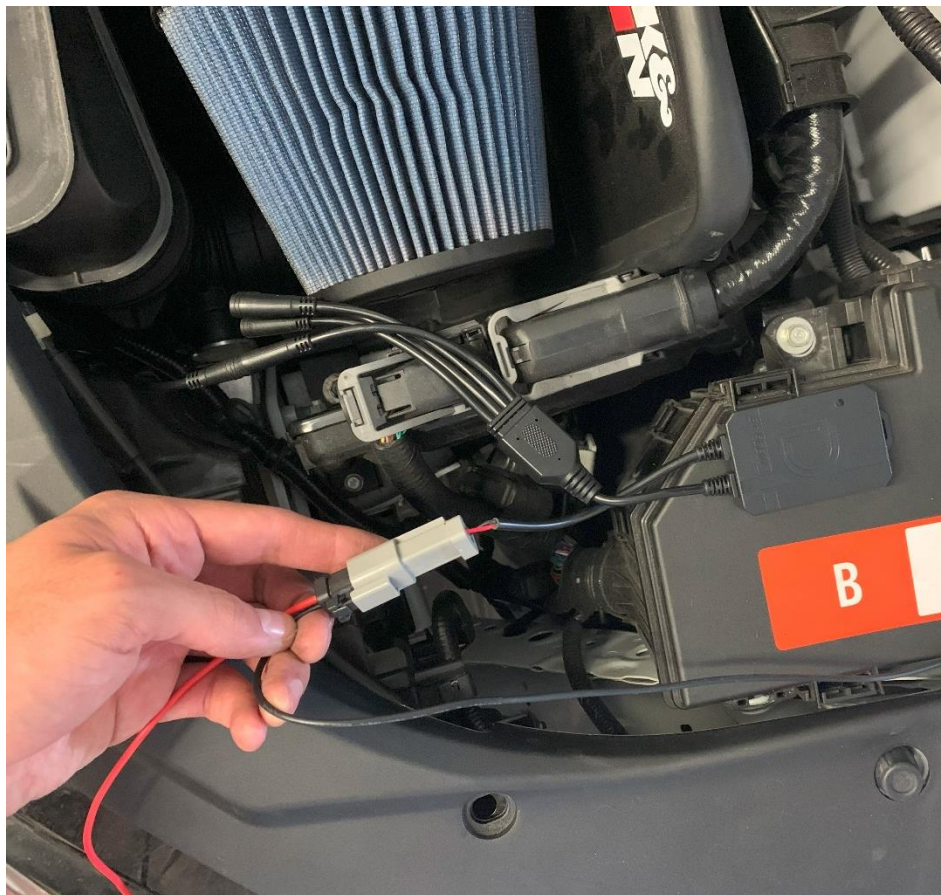
Controller Location

Clean the surface with a dry cloth and use the provided double-sided tape to adhere the Diode Dynamics controller to the shown location. Connect the LED strip to one of the controller ports (**line up the arrows on the connectors!**). The other 3 ports can accept any Diode Dynamics lighting strip for underglow or underhood lighting (sold separately).



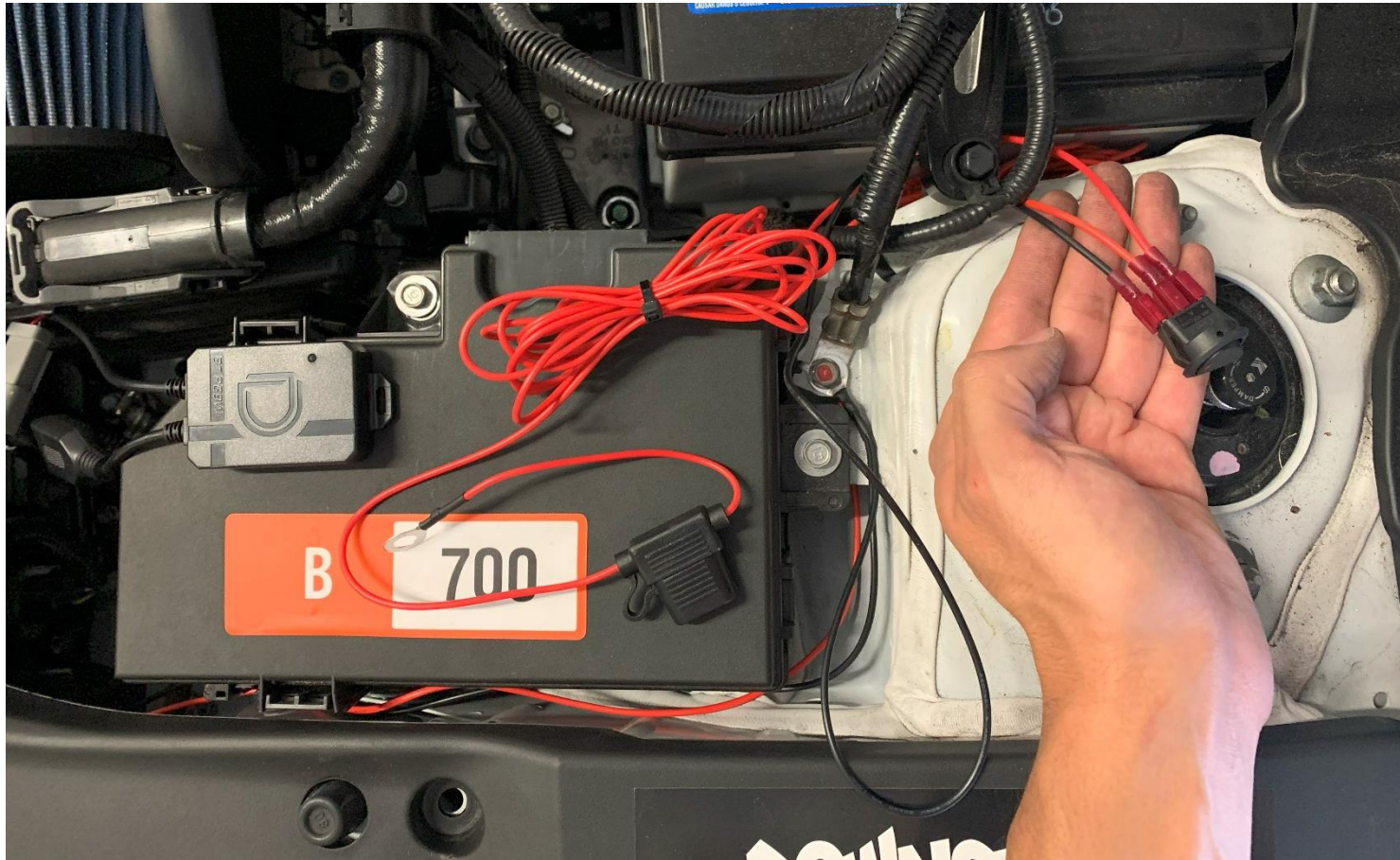
Big Mouth Wiring

Connect the grey pigtail connector to the controller. Route the red wire from the pigtail connector around the fuse box and towards the battery as shown. Bundle most of the red wire together using one of the supplied zip ties while reserving ~6" of wire for the next connection.



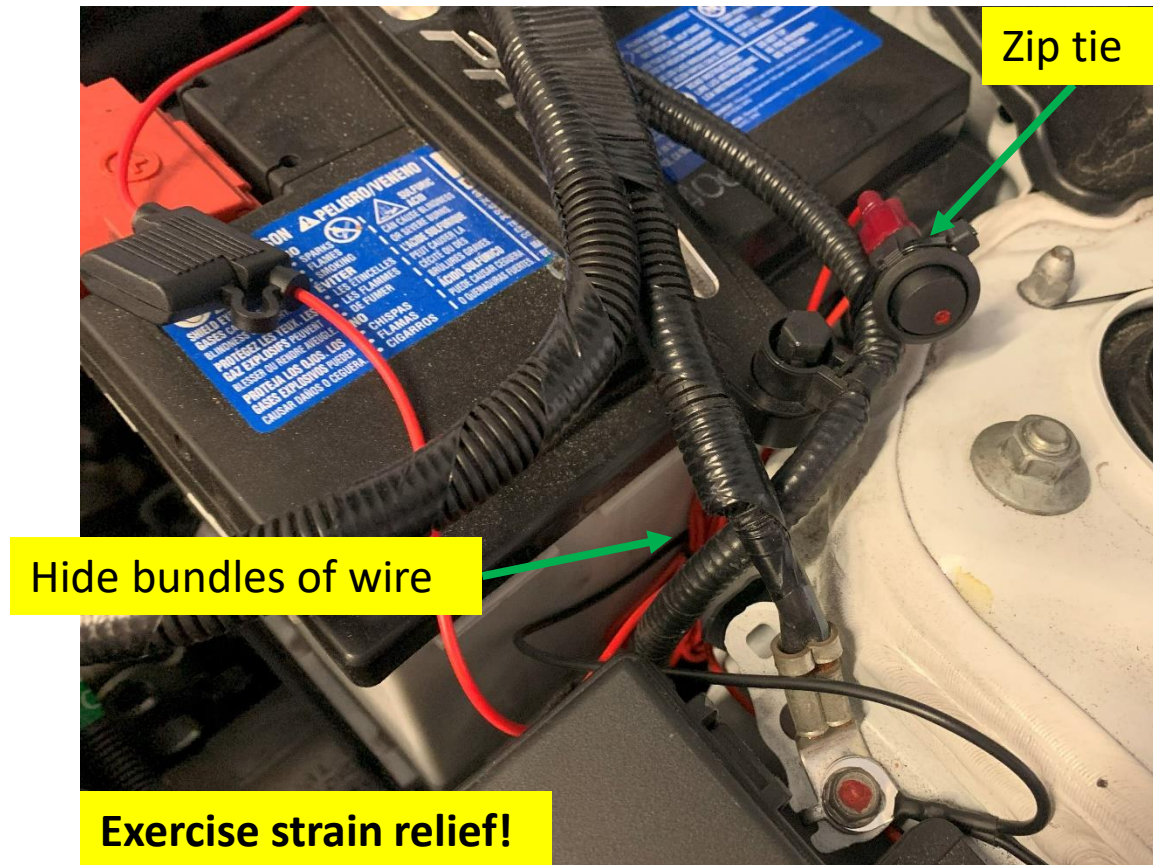
Big Mouth Wiring

Follow the wiring harness schematic (slide 13) to properly hook up the switch. Bundle the excess wire as shown and reserve ~12" of red wire for the next connection.



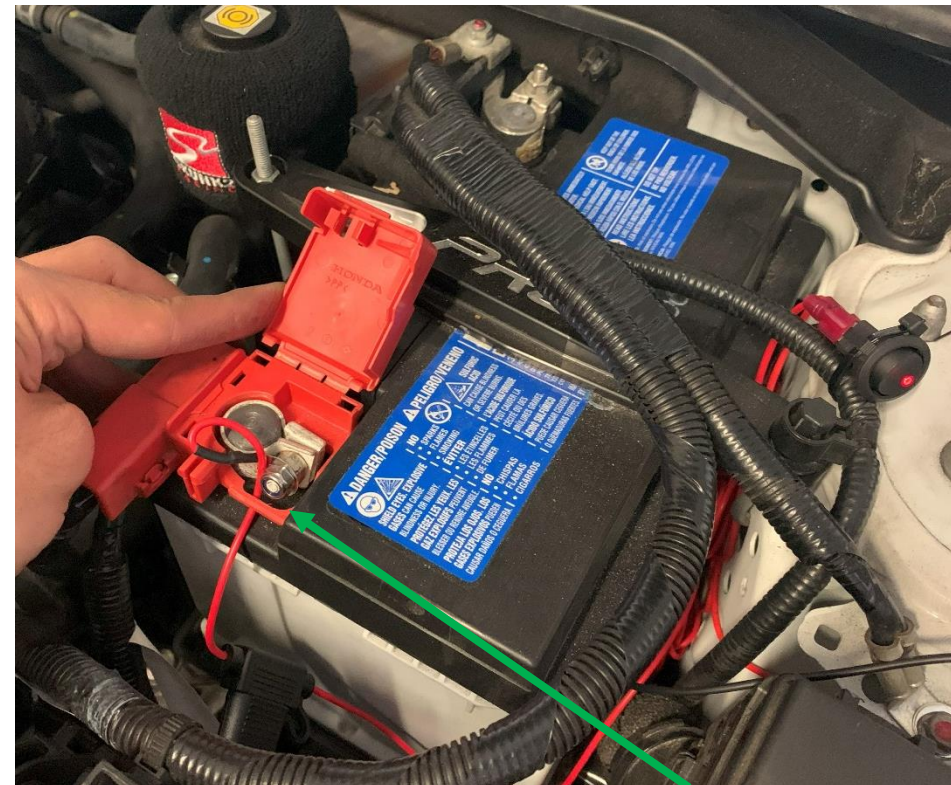
Big Mouth Wiring

Secure the switch to the wire loom using one of the supplied zip ties and conceal the bundles of wire in the crevice shown below. **Be careful not to subject any wires or connectors to strain.**

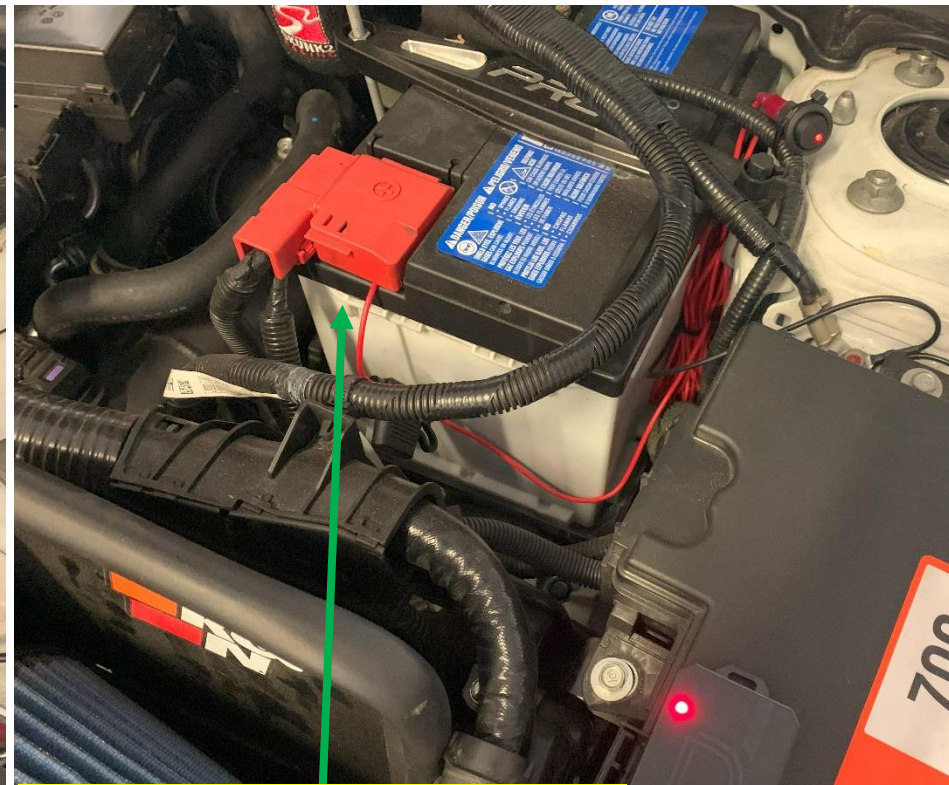


Big Mouth Wiring

Use the car battery to supply power to the Lit Kit. Undo the nut located on the positive terminal of the battery and fasten the power cable to it as shown. Take care to avoid damaging the wire when reinstalling the terminal cover. Use any leftover zip ties and cable clips to organize and conceal any excess wire.



Fasten to power terminal



Do not crush wire with cover

Phone App

Download the Diode Dynamics app and connect via Bluetooth.

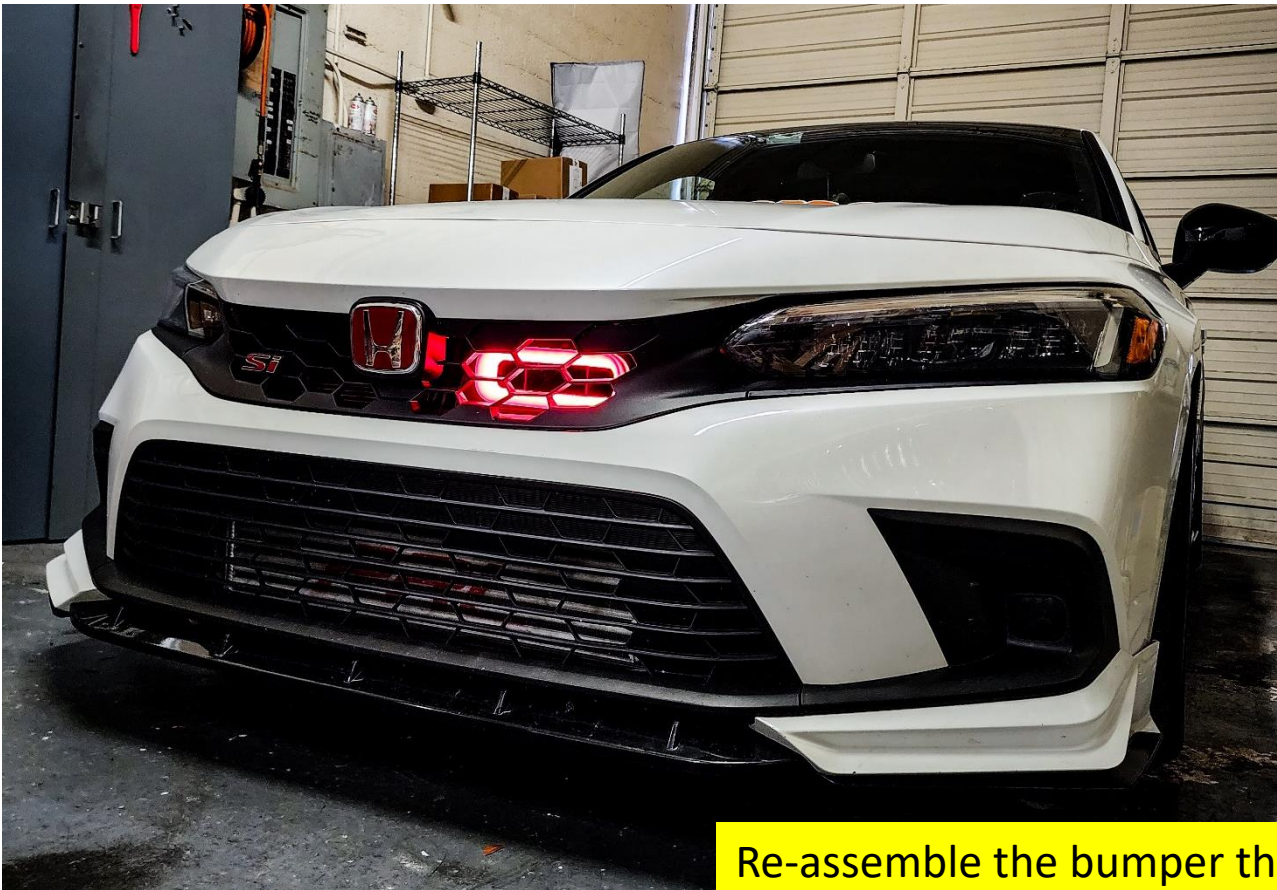
How to connect to the app:

1. After installing the app from the app store, open the app on your device.
2. Cycle the power to the Bluetooth controller by unplugging it and plugging it back in or flick the power switch and wait a few seconds, then turn it back on.
3. Wait for the app to detect the controller, it will pop up on the app screen as a Bluetooth controller. If necessary, cycle the power once more to refresh the controller.
4. Once the controller shows up on the app, click it and connect. You have 30 seconds to select the controller once it shows up on the app. After 30 second you will need to refresh again to detect the controller again.
5. Note that if you mounted your controller behind a lot of metal components, this may degrade the signal and range.



Final Assembly Review

Review the install and make sure nothing is binding or causing any preload on any parts, loosen and retighten if adjustment is necessary.



Re-assemble the bumper the same way it was removed to complete installation.