# L15-6-318 Hybrid Intake SRI Upgrade

Installation of Hybrid Intake from SRI

Written By: Jacob miller-self





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# INTRODUCTION

In this installation guide we have provided step by step instructions to remove the 27WON SRI then install the 27WON Hybrid Intake.

**Advisory:**

- Working under the vehicle requires a safe and sturdy location for the vehicle to sit on jackstands
- The engine 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)
- 3/8" Long Extension (1)
- 10mm Socket (1)
- Pliers - Small (1)

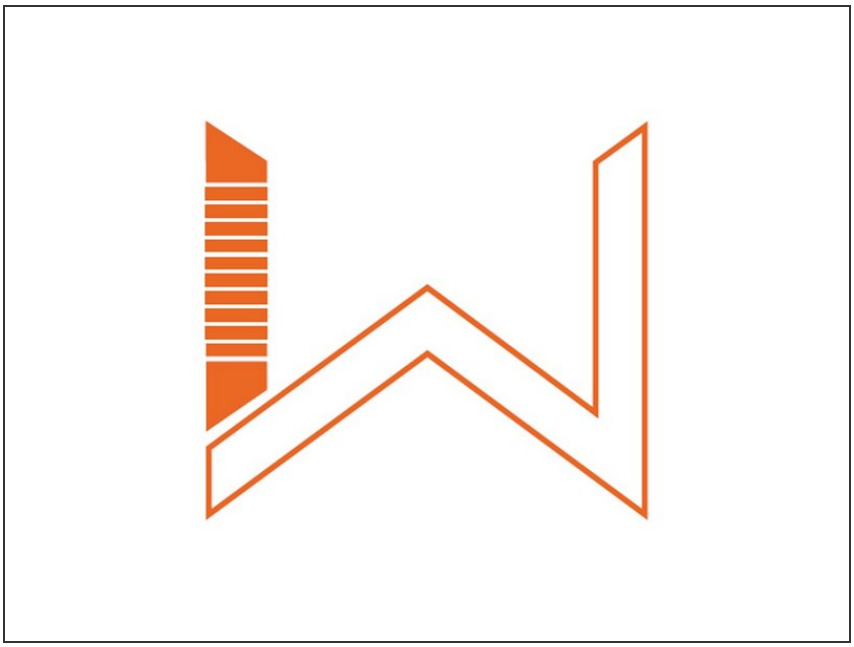
## PARTS:

- Hybrid intake assembly (1)
- Silicone Coupler - MAF to TIP (1)
- L15 CAI Short Bracket (1)
- Bonded Sealing Washer (2)
- M6x1.0x20mm Flange Bolt (2)
- M5 Cap Screw (2)



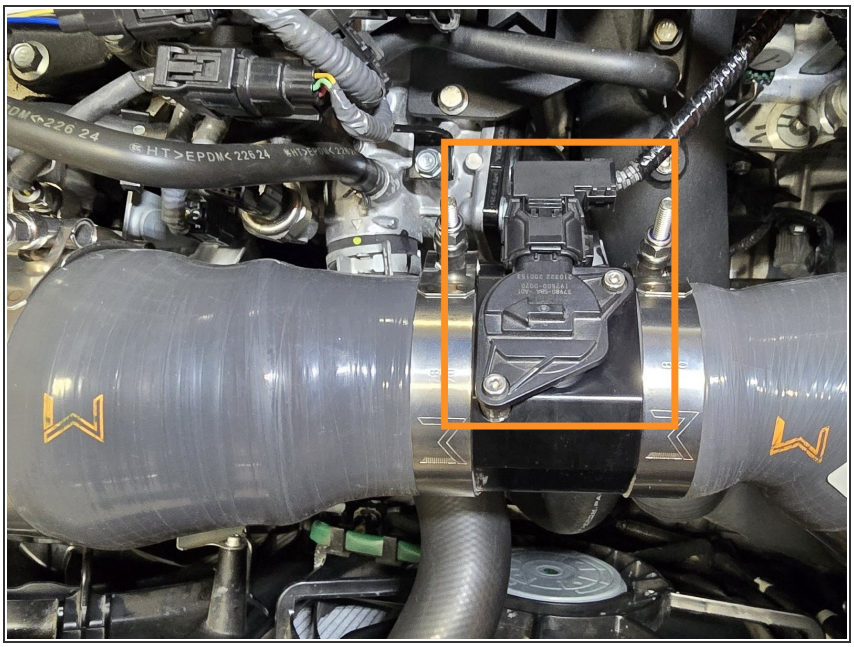
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## Step 1 — Getting Started



- 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
- This guide describes a process to install your new Hybrid Cold Air Intake if you already have a 27WON SRI
- Handle the Airbox lid with care so as not to scratch it

## Step 2 — Unplug MAP Sensor

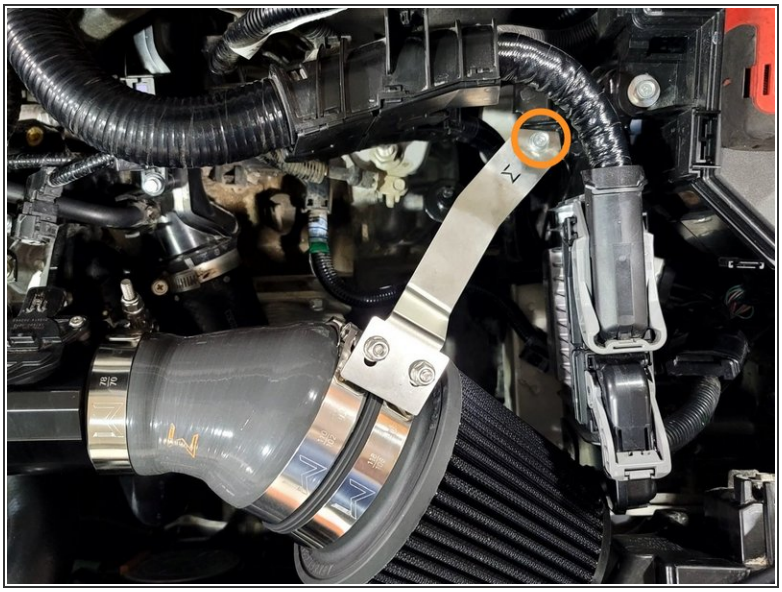


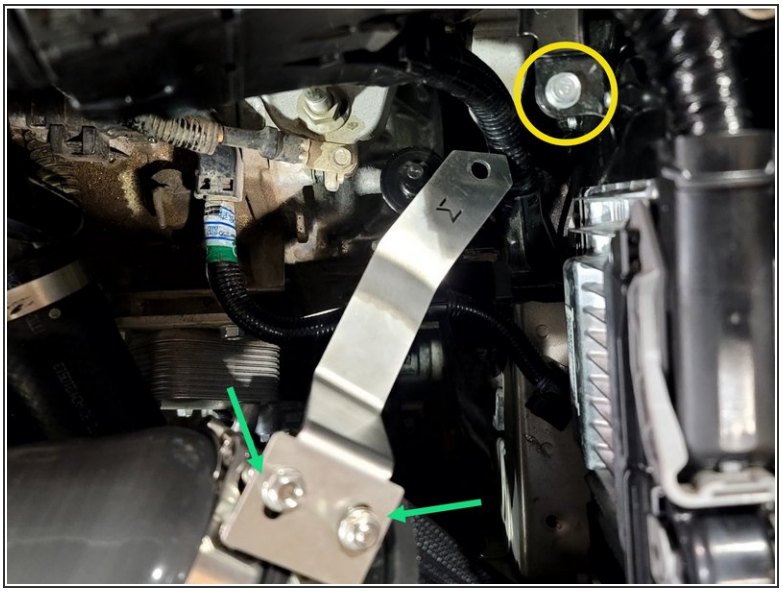
- Open the hood to gain access to the SRI (Short Ram Intake)
- Unplug the connector for MAF sensor using your fingers



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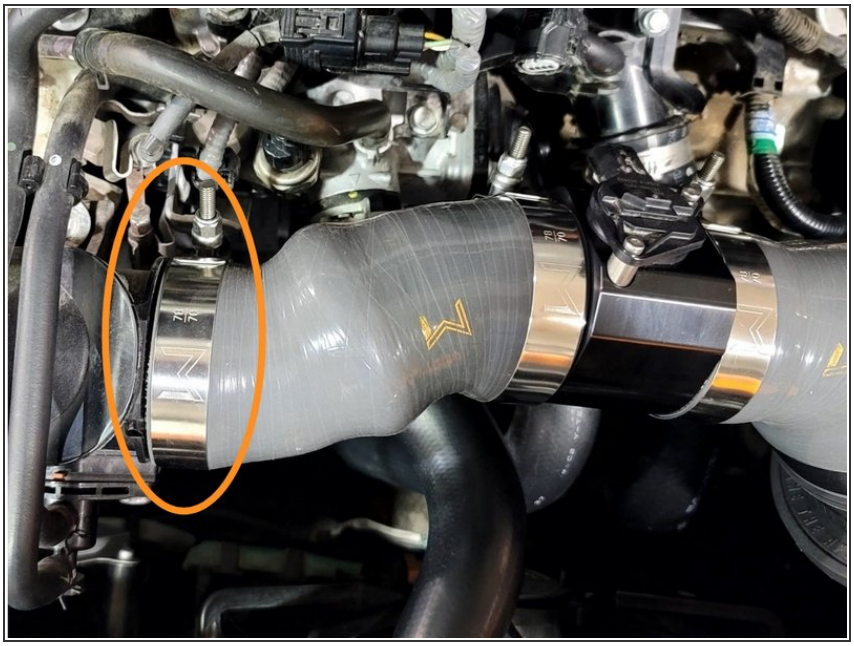
## Step 3 — Remove SRI Bracket





- Use a 3/8" drive ratchet and a 10mm socket to remove the bolt securing the SRI bracket to the chassis
- Once SRI bracket is free, replace the bolt to secure the ECU

## Step 4 — Loosen Clamp for SRI to Turbo Inlet Pipe

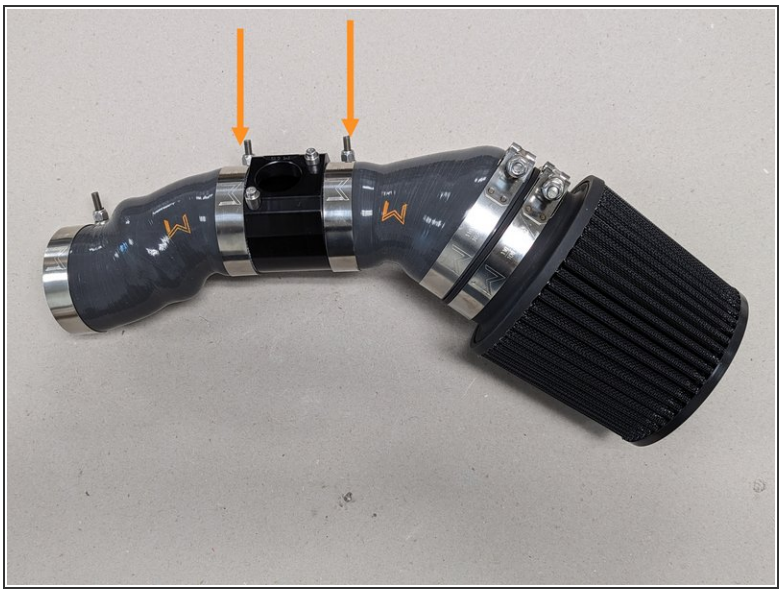


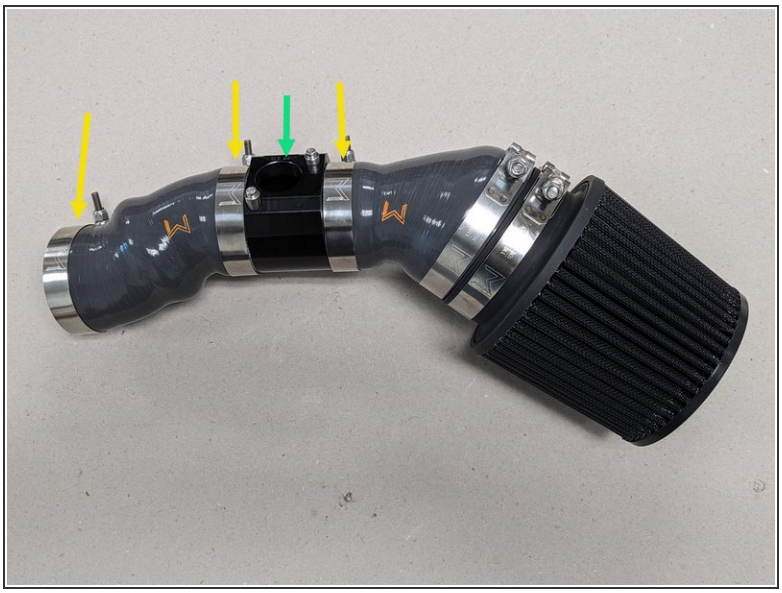
- Use a 10mm socket and 3/8" ratchet to loosen the clamp connecting the SRI to the Turbo Inlet Pipe (TIP)
- Silicone should be able to freely pull off the turbo inlet pipe
- Remove the SRI from the engine bay



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## Step 5 — Gather SRI Components Needed for Intake Install



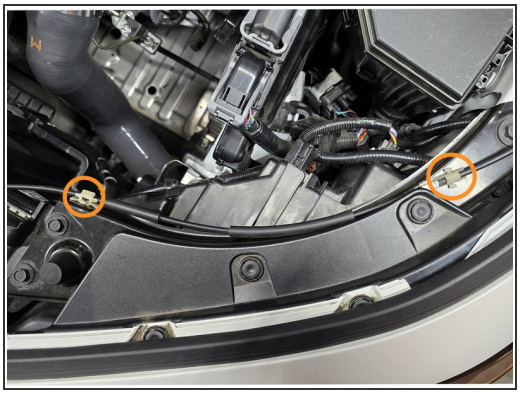
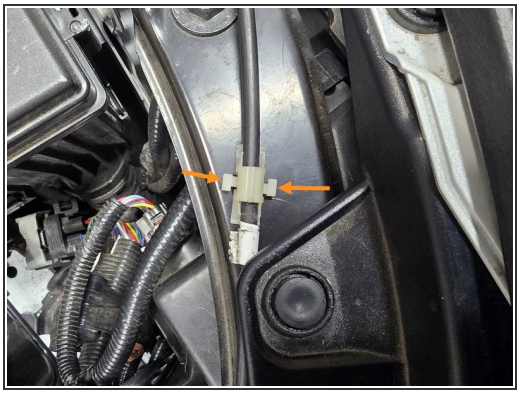


- Using a 10mm socket and ratchet loosen the two (2) 70-78mm T-bolt clamps on either side of the MAF housing and remove MAF housing
- For the install of your new Hybrid Cold Air intake you will need a few parts from the SRI assembly
  - Three (3) T-bolt clamps shown with yellow arrows
  - The MAF housing with the MAF sensor installed
  - ⓘ Neither the filter, either silicone, or the two hose clamps at the filter are used for the Hybrid intake



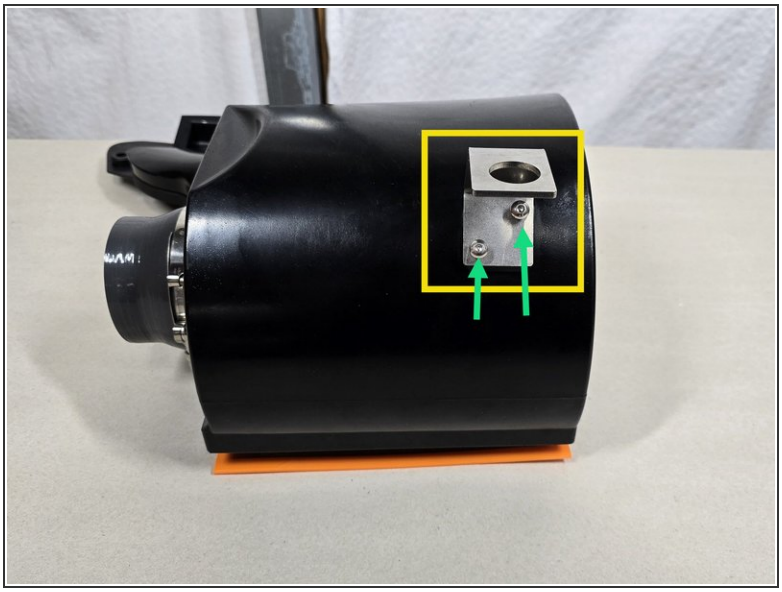
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## Step 6 — Unclip and Tuck Hood Latch Wire


- Using you hand or a pair of pliers pinch the sides of the plastic clips holding the hood latch wire in place and lift to remove them
- Tuck the wire under the headlight mounting plate as shown

## Step 7 — Mount Lower Bracket on to Airbox

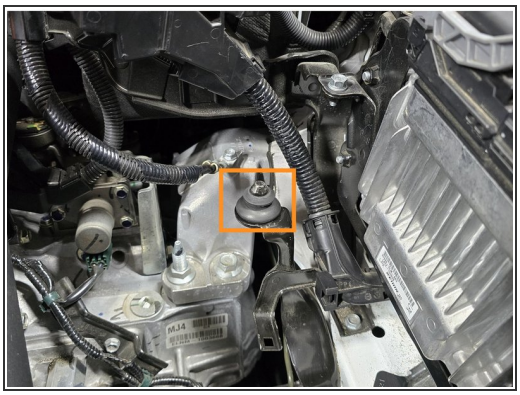



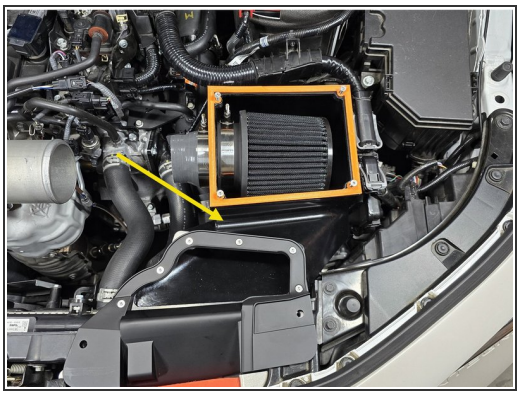
- Place your airbox in the orientation shown
- Using the provided two (2) short M5 cap screws mount the lower bracket in the orientation shown
- Using a 3mm hex bit, tighten the M5 cap screws until snug



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## Step 8 — Mount Airbox in Engine Bay





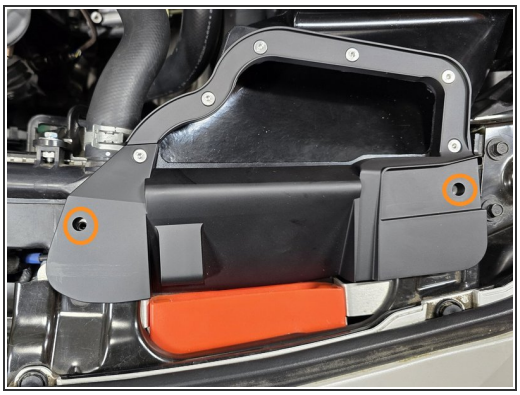
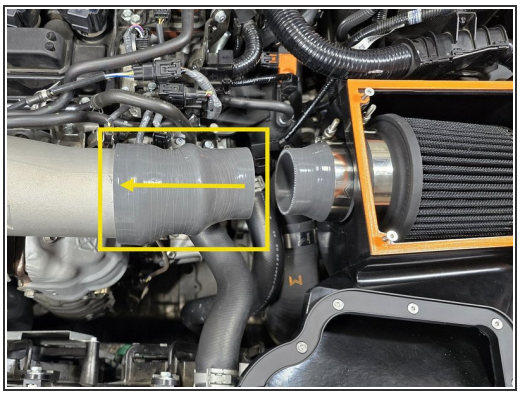
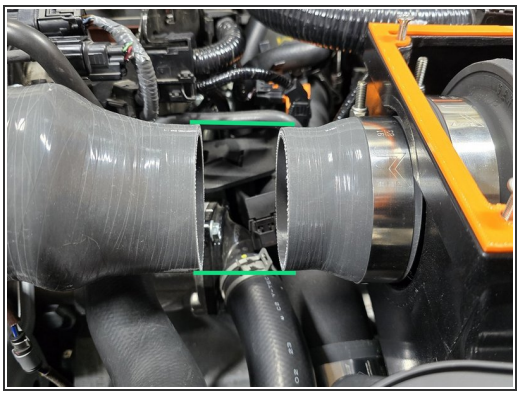


- Install OE bushing as shown
- Place airbox in engine bay as shown
- Press airbox down to mount the lower bracket over the bushing as shown



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## Step 9 — Align TIP Silicone with Airbox

ⓘ This is shown with the 27WON TIP (Turbo Inlet Pipe). The process is similar for the OE TIP with the difference being the TIP silicone and the T-bolt clamp to secure it

⚠ Failure to align the silicone correctly will cause the intake not to fit well

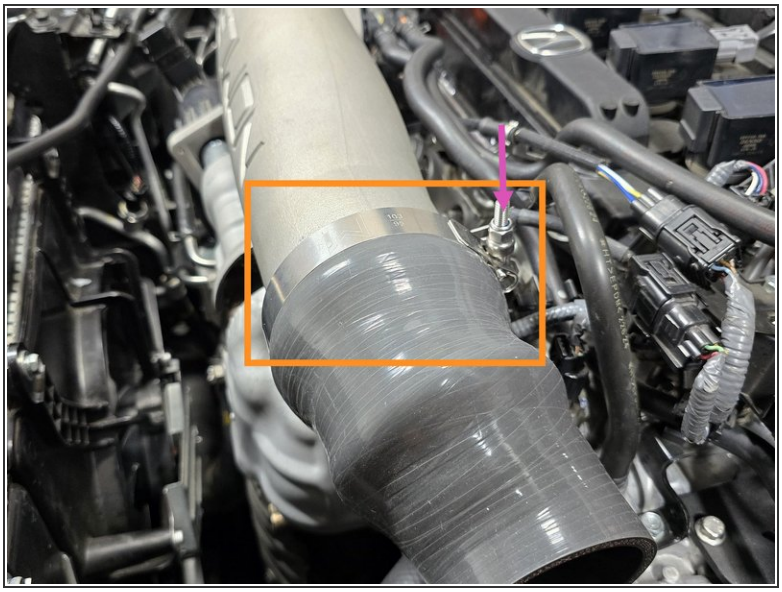
- Verify the airbox mounting holes can be aligned as shown

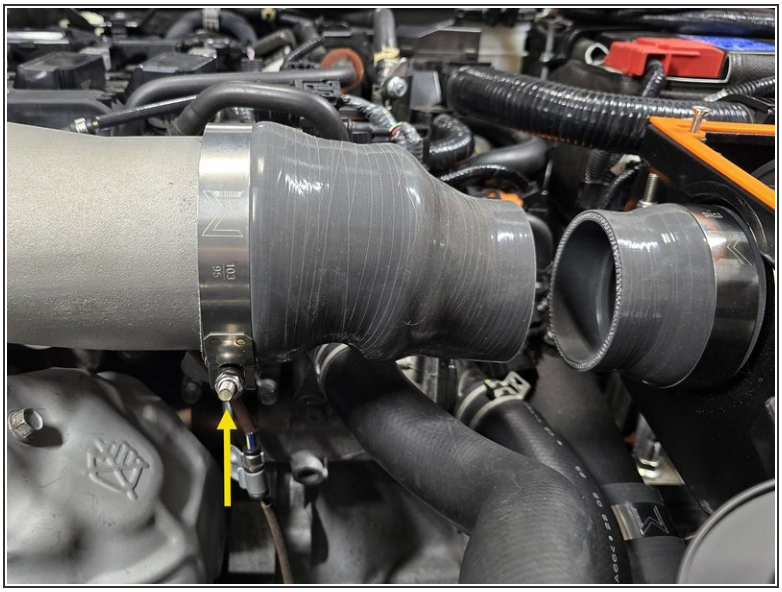
⚠ The SRI TIP silicone and the Hybrid TIP silicone are similar. Install must proceed with the TIP silicone provided with Hybrid intake

- Place provided TIP silicone onto the TIP as shown and push it fully onto the TIP
- Rotate TIP silicone to align with the airbox silicone as shown
  - ⓘ This requires a combination of rotating the silicone as well as wiggling it around to get the correct alignment
- Verify the gap between the silicone is at least as wide as the MAF housing, 52mm


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## Step 10 — Secure TIP Silicone





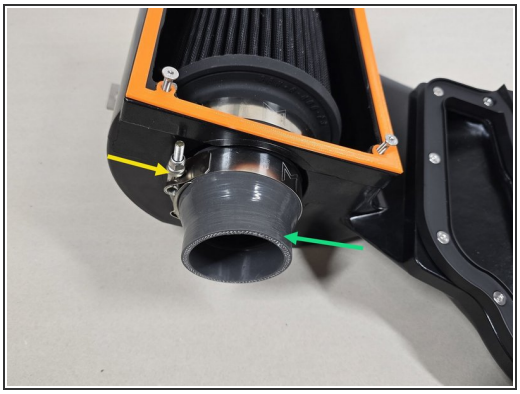
- Using the provided 95-103mm T-bolt clamp for 27WON TIP or 70-78mm T-bolt clamp for OE TIP secure the silicone to the TIP without changing it's orientation from the step before
- Orient the clamp so it will not hit the hood as shown
- If you can't rotate the clamp enough to avoid hood interference then flip the clamp to be oriented as shown



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## Step 11 — Remove Airbox and Silicone





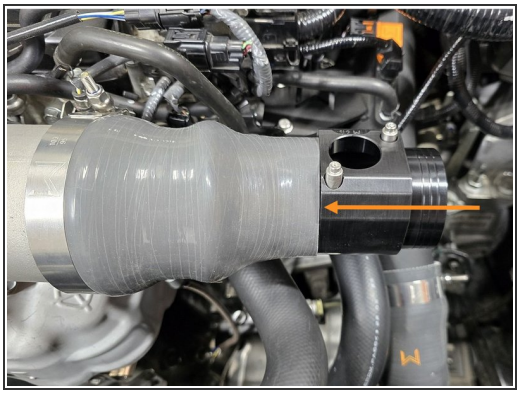
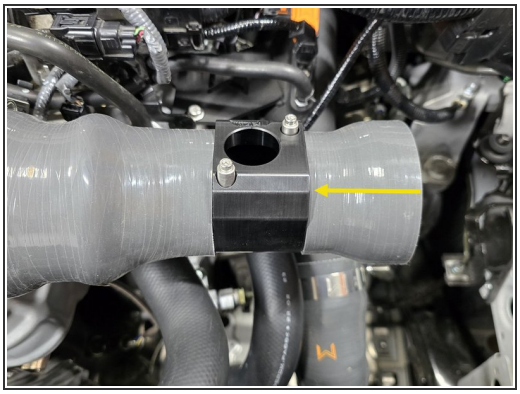
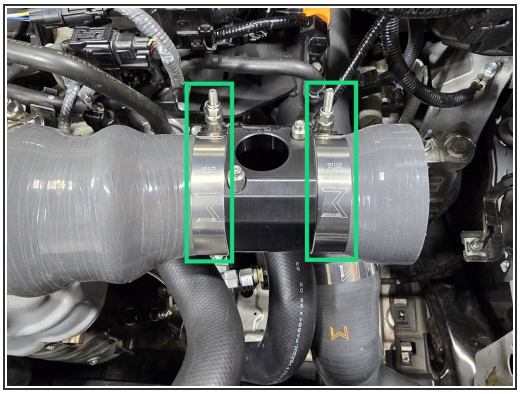


- Firmly lift the back side of the airbox to pop the lower bracket off of the mounting bushing
- Remove the airbox from the engine bay
- Using a 10mm socket remove the 83-91 T-bolt clamp on the airbox
- Remove the airbox silicone as shown



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## Step 12 — Install MAF Housing and Airbox silicone

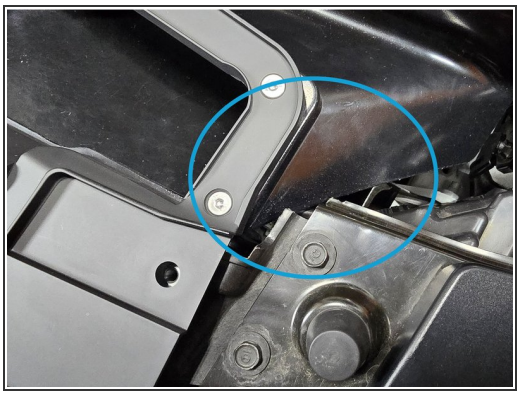
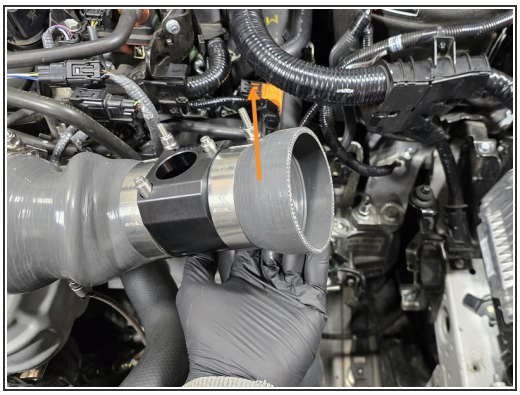
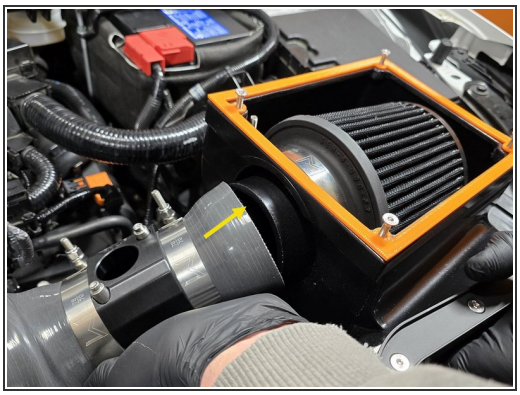




- Install MAF housing into the previously mounted TIP silicone in the orientation shown
  - ⓘ Note the rotation of the MAF housing. This is important to ensure there is no tension on your MAF sensor wire
- Install airbox silicone onto the MAF housing
- Using two 70-78 T-bolt clamps from your SRI and a 10mm socket secure the silicone on either side of the MAF housing as shown

Make sure the MAF is *fully* seated in the silicone

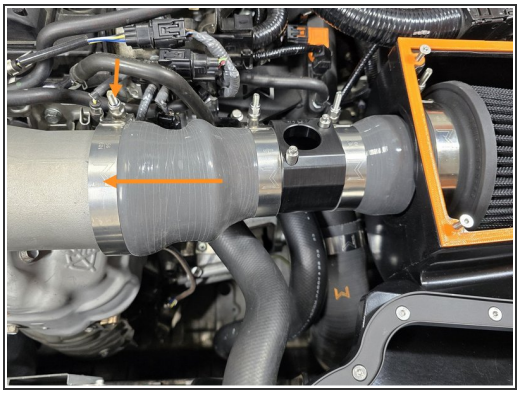
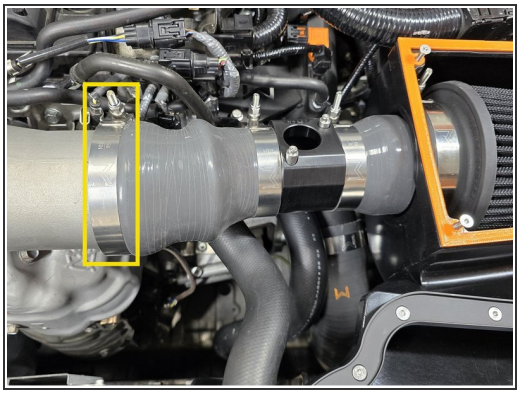
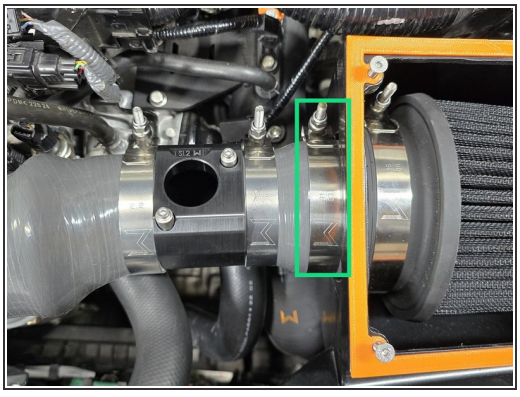

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## Step 13 — Install Airbox into Engine Bay

- While installing the airbox be mindful of the right side of the inlet, this part can easily be damaged by the engine bay if you aren't careful
- Using your hand lift the silicone stack up as shown to create space for the airbox
- While lowering the airbox into the engine bay, press the airbox silicone onto the airbox as shown
  - ⓘ You'll have to do this slowly and carefully to avoid hitting the ECU
- Press the lower mounting bracket onto the bushing like before

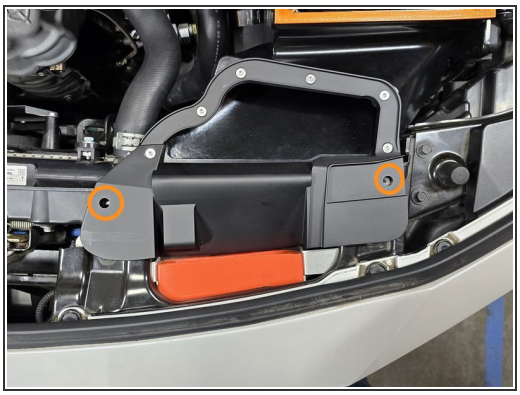
## Step 14 — Finalize Silicone Position

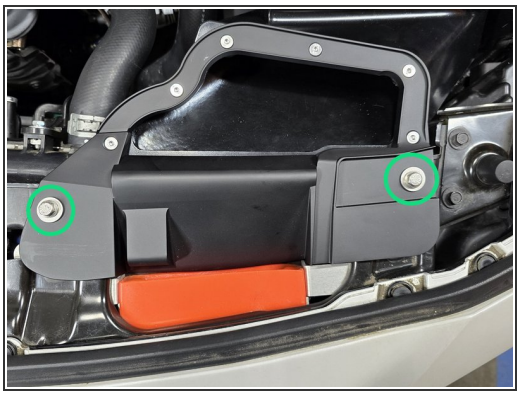




- With the airbox in the engine bay loosen the 95-103mm T-bolt clamp on the TIP and push the TIP silicone onto the TIP as far as possible
- Using a 10mm socket re-tighten the 95-103mm T-bolt clamp
- Use the provided 83-91mm T-bolt clamp secure the silicone stack up onto the airbox as shown


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## Step 15 — Secure Airbox





- Align the mounting holes on the airbox inlet with the threaded holes as shown
  - ⓘ You may need to move the airbox towards the passenger side of the car to get these holes to align properly
- Thread the provided 20mm long M6 bolts and rubber washers into the airbox inlet mounting holes as shown
- Using a 10mm socket tighten the M6 bolts until snug as shown
  - ⚠ Do not overtighten these two bolts. The intake should not bind up here


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## Step 16 — Caring for Your Carbon Fiber

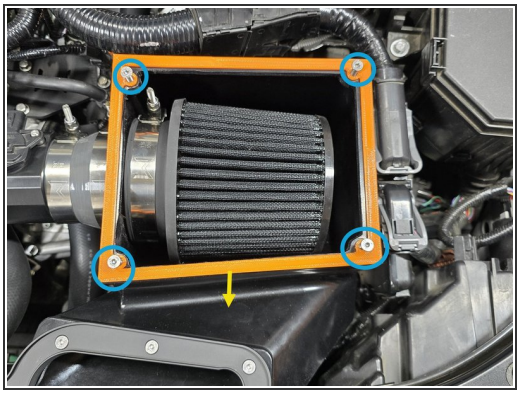
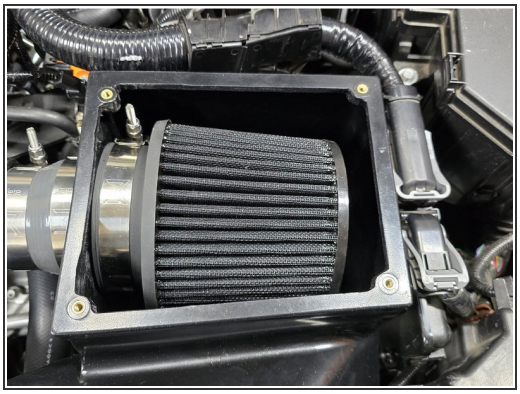
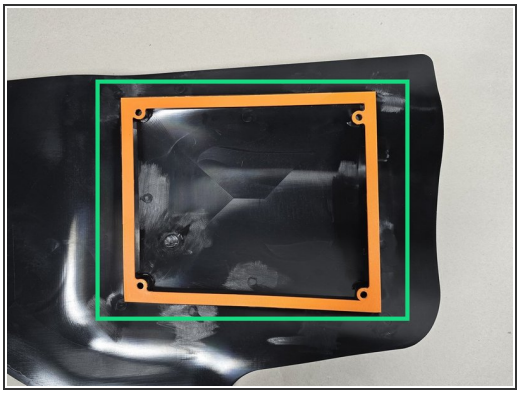


- This install process is shown with a painted shroud. The process is similar for a carbon fiber shroud
- ⚠ We do recommend extra caution when installing a carbon fiber shroud
- ⚠ Be careful with your tools while installing the shroud, it is very easy to scratch your shroud with a tool and is not easy to fix
- ⚠ There are lots of sharp edges throughout the engine bay that could also scratch your carbon fiber or chip the edges if you aren't cautious
- We have provided a lens cloth to wipe down your carbon fiber shroud after install. Use a non-abrasive cleaner as needed



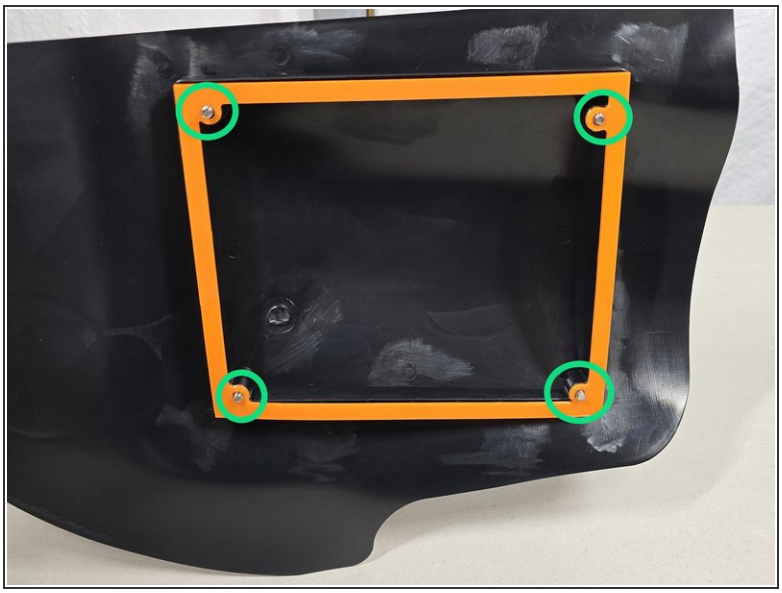
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## Step 17 — Install Airbox Shroud Part 1

- Using a 3mm hex bit remove the four (4) countersink screws from the airbox as shown
- Remove the airbox gasket as shown
- Line up the gasket on the bottom side of the airbox shroud as shown

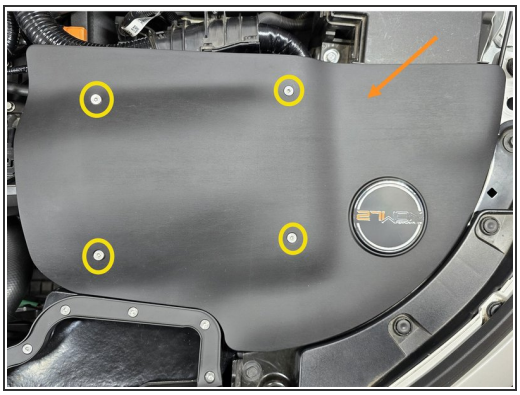
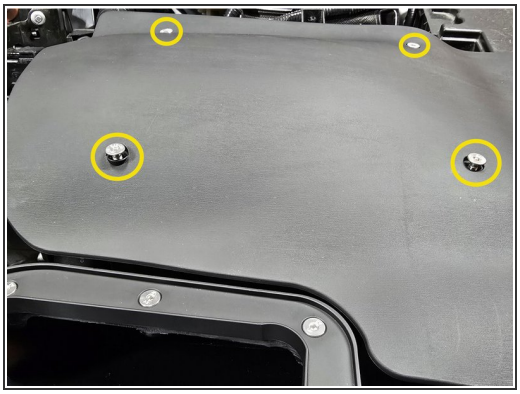
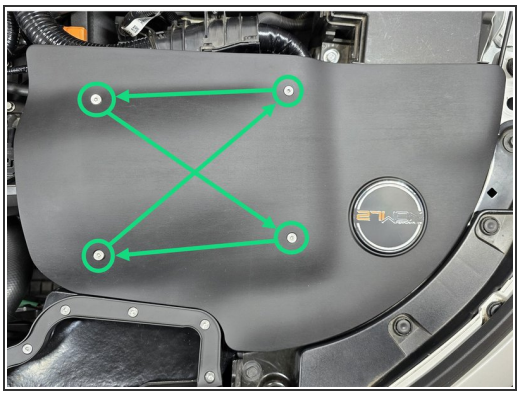
## Step 18 — Install Airbox Shroud Part 2

- While holding the gasket in place, push the **QTY(4)** countersink screws through the top of the shroud and the gasket as shown
  - ⓘ The holes on the gasket should be small enough to hold both the screws and the gasket in place


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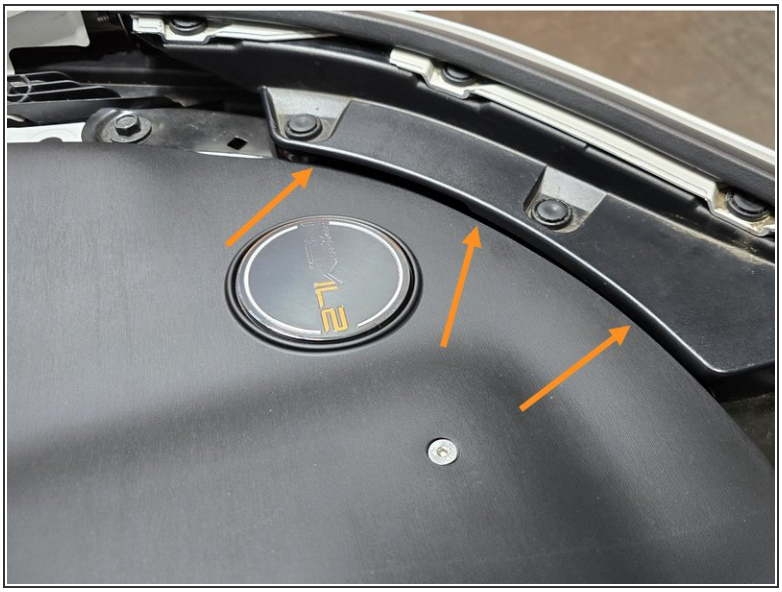
## Step 19 — Install Airbox Shroud Part 3

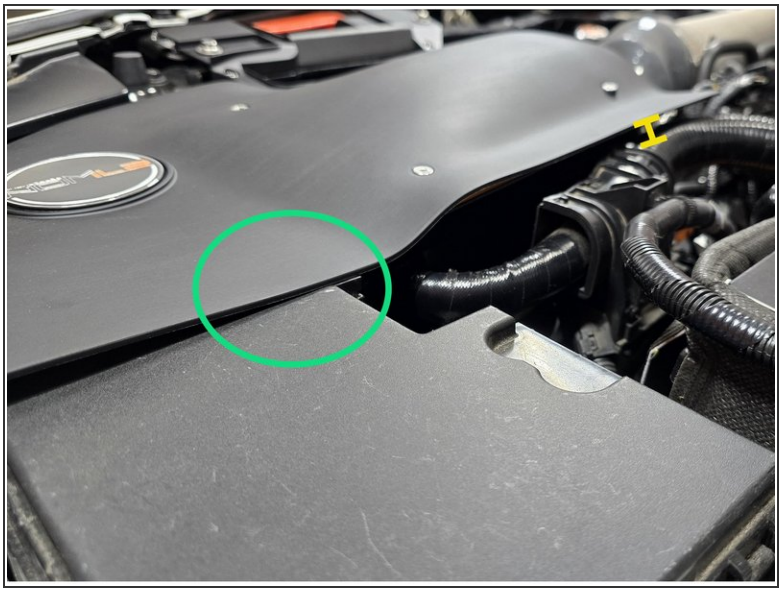




- With the screws and gasket attached place the shroud onto the airbox in the orientation shown
- ⓘ Slight pushing to align the holes is ok. You should not have to apply a lot of force to get the shroud to align with the box
- Hand thread each of the 4 screws a couple of threads, one screw at a time
  - ⓘ You will likely have to move the shroud and the gasket around to get all 4 holes lined up
- Once all 4 screws are slightly threaded by finger use a 3mm hex bit to tighten the lid down in a star pattern. Do a couple rotations at a time then move to the next screw. Do this until the screws are fully seated
  - ⚠ You will need to repeat the star pattern multiple times threading each screw a turn or two at a time to ensure the shroud seats properly on the airbox
- The properly installed shroud should appear as shown


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## Step 20 — Verify Proper Installation



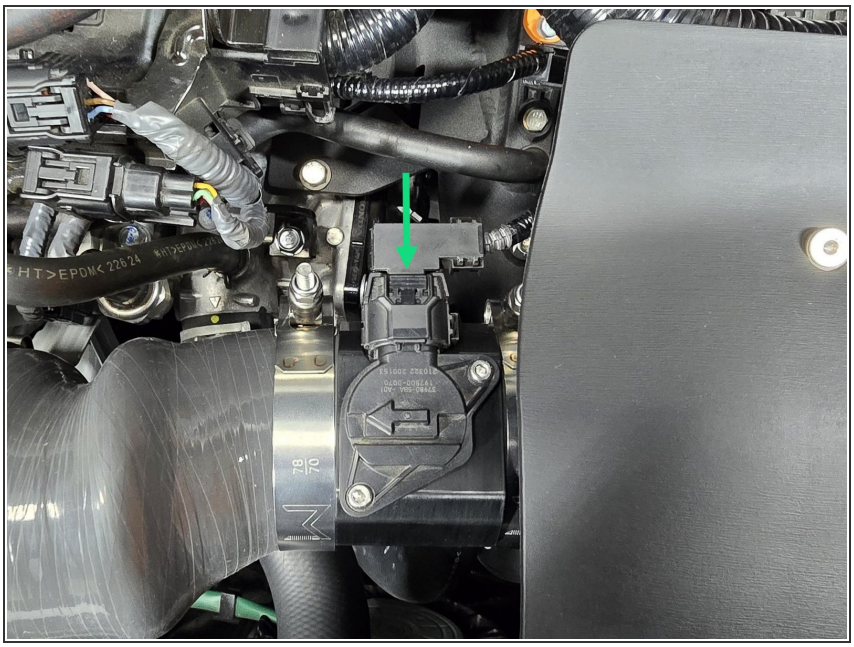


- The right side of the shroud should have ~2mm gap along its edge as shown
  - ⓘ It doesn't cause a problem if the clearance in this area is minimal
- The back side should sit ~1 cm above wiring loom as shown
- The shroud may sit on top of the fuse box as shown. This is ok



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## Step 21 — Plug in MAF Sensor



- Plug your MAF sensor back in as shown
- Make sure MAF wiring is not pulled tight. If it is, loosen the clamps and rotate the MAF housing towards the firewall

## Step 22 — Final Notes & Tips



ⓘ At the end of this install you will have one extra clamp, this is to ensure you can install your intake

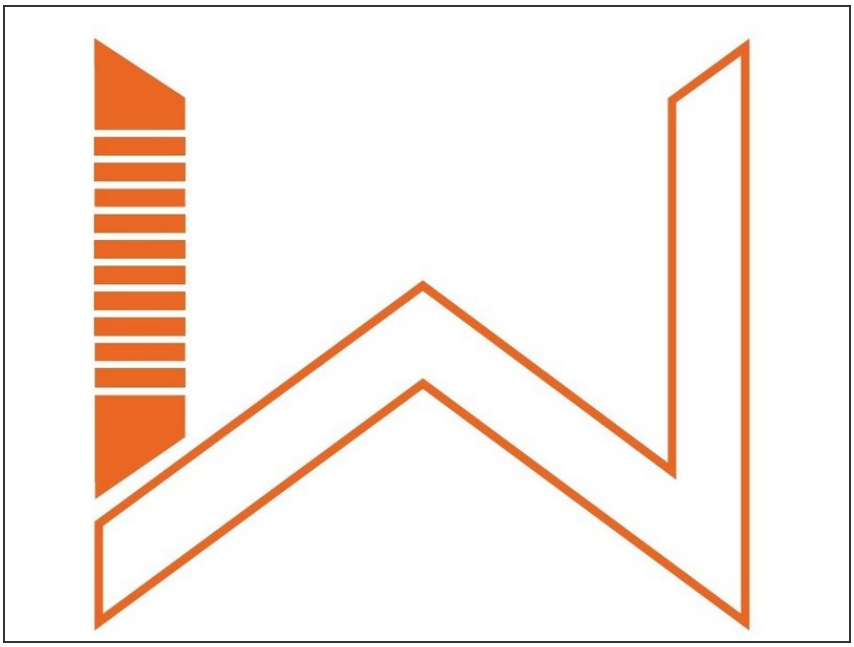


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whether you have an OE or 27won turbo inlet pipe

- This intake is designed to be ran with, and without the shroud. If you're craving the sounds of an SRI pop the top off and enjoy!

## Step 23 — I Dare You to REDEFINE



- This completes the installation of your 27WON Hybrid Cold Air Intake
- We hope you were impressed with your 27WON experience and love your new intake for years to come. Email us at sales@27won.com or call us at 571-271-0271 with any questions or concerns
- Please Leave a review here: https://store.27won.com/2022-civic-and-i...
- Share your experience using #27WON on Instagram and Facebook
- We recommend you check our video on cleaning the air filter at https://youtu.be/nE7diTeI4Gw



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