Performance Air Intake Kit

Part Number: 827-736

2017-2021 Honda Civic Type R 2.0L Turbo

Installation Instructions

For technical inquiries please email us at tech@hpsperformanceproducts.com

In the email, please include the following information for faster response:

- **Year / Make / Model / Engine of your vehicle.**
- **If it is a fitment issue, please include pictures showing the fitment problem.**
- **If there are missing parts, please list the part number(s) from the bill of materials on the 2nd page.**
- **Optional but recommended – Your contact phone number and preferred call back time.**

You can also give us a call via 626-747-9200 for tech support Monday-Friday, 9:00am-5:00pm Pacific Time.

Last revision JT12142023

Bill of Materials

Kit Number: 827-736

Line #	Description	Part Number	Qty
1	Air Intake PIpe	529-940	1
2	“L” Bracket	530-114	1
3	Heat Shield	531-941	1
4	HPS Performance Air Filter	HPS-4298	1
5	2.75” to 3.50” Reducing Coupler x 3.00” Long	P3SR-275-350-L3	1
6	T-bolt Clamp for 2.75” Hose	SSTC-73-81	1
7	T-bolt Clamp for 3.50” Hose	SSTC-95-103	1
8	Fuel Injection Clamp 12mm - 14mm	FIC-12	2
9	Fuel Injection Clamp 13mm - 15mm	FIC-13	1
10	Fuel Injection Clamp 15mm - 17mm	FIC-15	1
11	Bolt, M6 x 1.0, 20mm Long	HW-B6-20	3
12	Bolt, M4 x 0.7, 8mm Long	HW-B4-8	2
13	M6 Flange Nut	HW-N6	4
14	M6 Flat Washer 16mm OD	HW-FW6L	5
15	Rubber Vibration Mount M6 1/2" Tall	HW-RM6-50	1
16	10mm Rubber Grommet for 5/8" Hole	HW-RG10	2
17	8mm OD, 6.2mm ID, 6mm Long Spacer	93441A502	2
18	Set Screw, M6x1.00 Stud, 25mm Long	92605A136	2
19	5/16" Barb Fitting	HW-BF-032	1
20	3/8" Barb Fitting	HW-BF-038	1
21	3/8" EPDM Hose	EPDM-038	7 inches
22	Silicone Vacuum Hose, 9.5mm	HTSVH95-BLK	21 inches
23	Silicone Vacuum Hose, 9.5mm	HTSVH95-BLK	28 inches
24	5/16" Heater Hose	HTHH-032-BLK	13 inches
25	3.50” - 3.25” MAF sleeve	HW-VEN-350-325-C	1
26	Bubble Edge Trim	BUBBLE EDGE TRIM	28 inches
27	Thin Edge Trim	THIN EDGE TRIM	15 inches

- **Before installing any parts of this intake kit, please read the instructions thoroughly.**
- **Verify the contents of this intake kit before disassembling your vehicle.**
- **DO NOT INSTALL IF ANY PARTS ARE MISSING OR DAMAGED. CONTACT tech@hpsperformanceproducts.com IMMEDIATELY. WE ARE NOT RESPONSIBLE FOR ANY DAMAGE CAUSED DUE TO IMPROPER INSTALLATION.**
- **Installation requires moderate mechanical skills. A qualified mechanic is highly recommended.**
- **Do not attempt to install the intake kit while the engine is hot.**
- **This installation may require removal of coolant lines that may be hot.**
- **For technical inquiries, please email us at tech@hpsperformanceproducts.com**

PLEASE READ CAREFULLY BEFORE INSTALLATION!

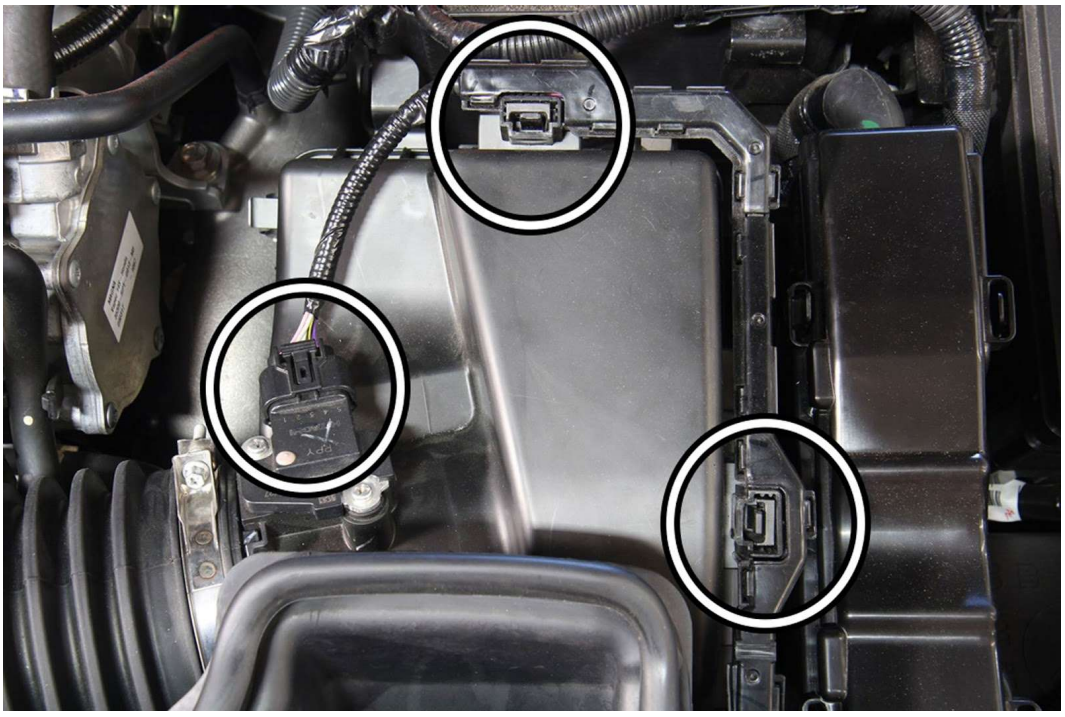
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

NOTE: HPS holds no responsibility for any engine damage that results from misuse of this product.

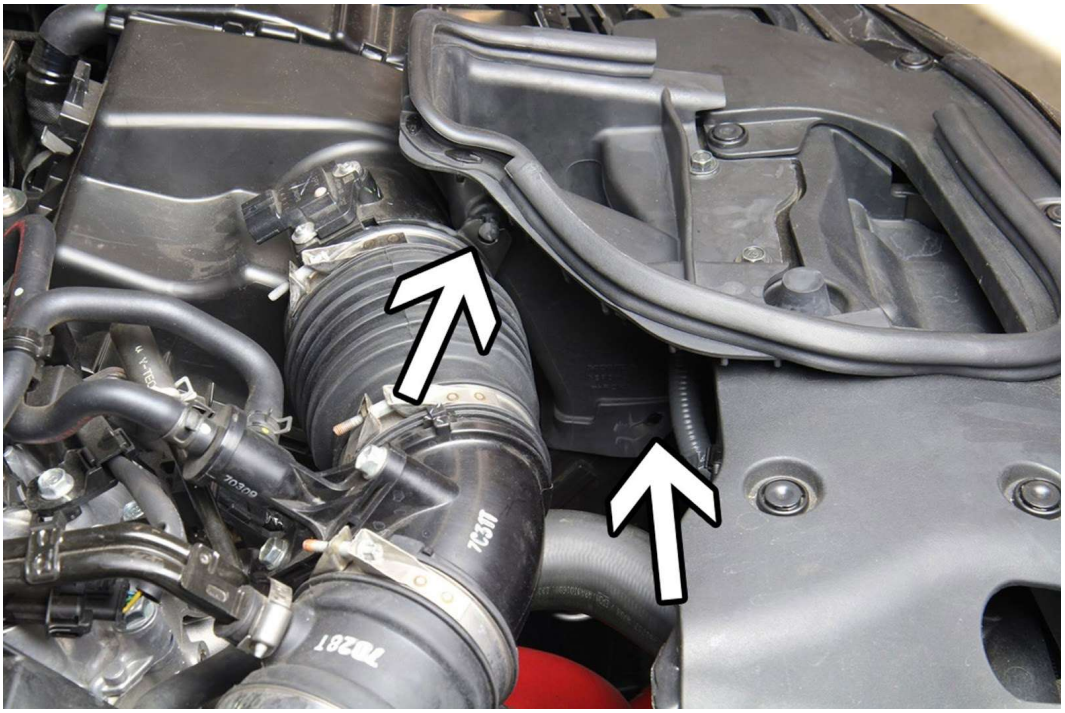
GETTING STARTED

1. Turn the ignition OFF and disconnect the vehicle's negative battery cable. If the engine has run within the past two hours let it cool down.

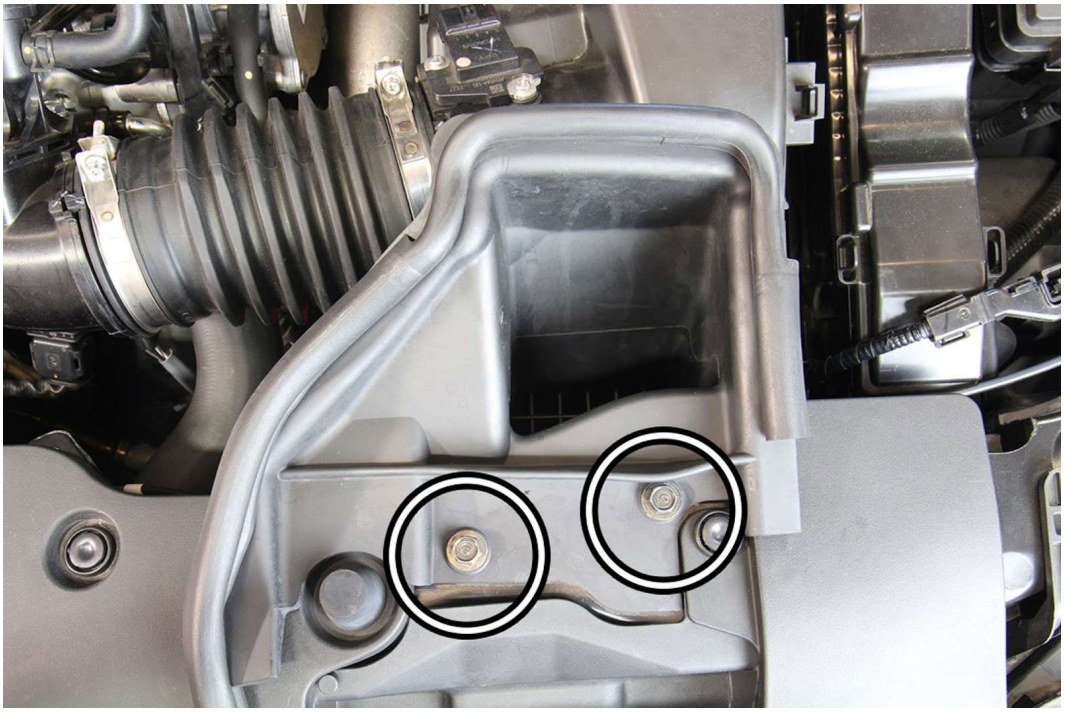
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicle's anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicle's anti-theft code. We also highly recommend NOT discarding any stock parts after the installation.



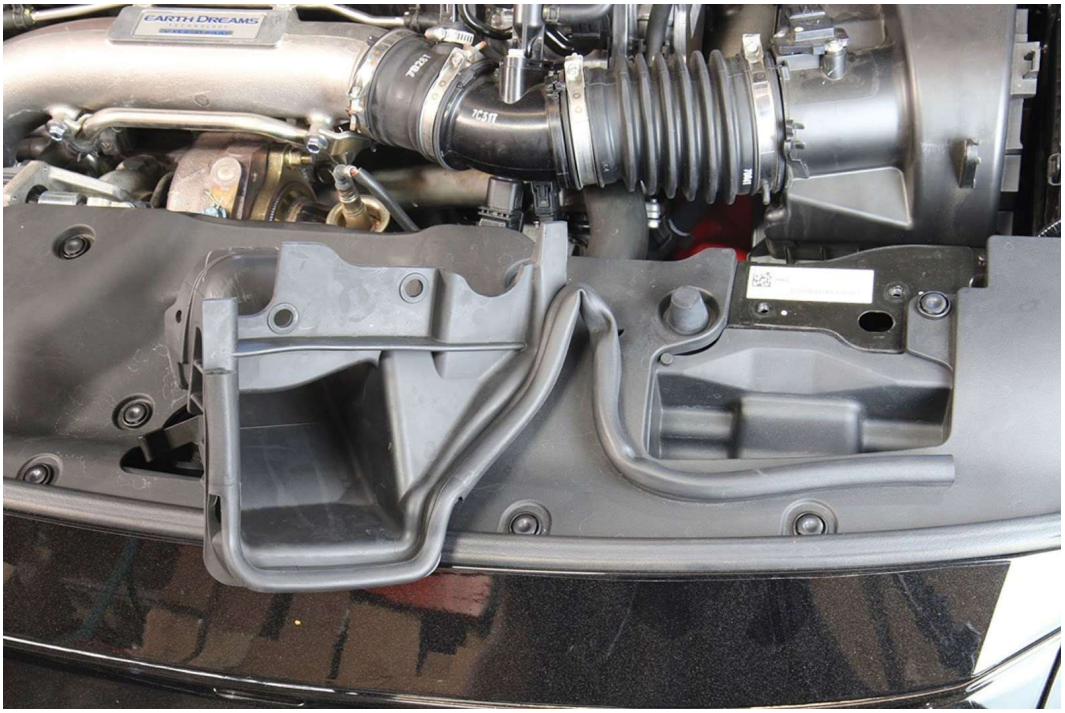
2. Disconnect the mass air flow (MAF) sensor and release the two tabs to separate the MAF sensor harness from the air box.



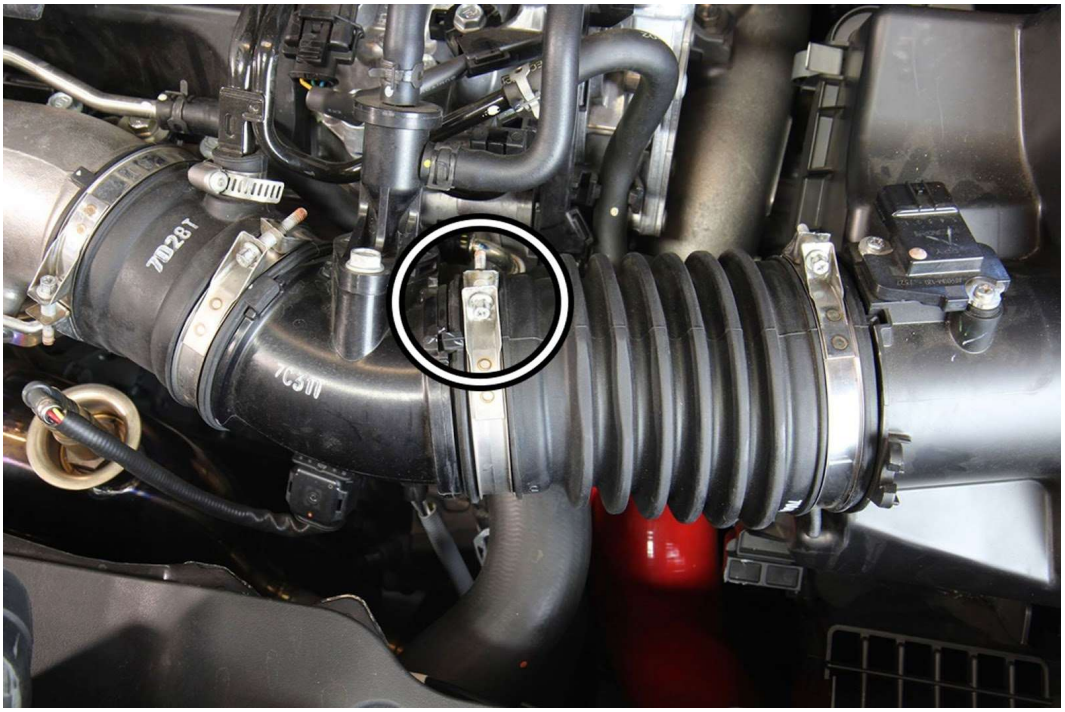
3. Disconnect the factory air duct from the air scoop and the air box.



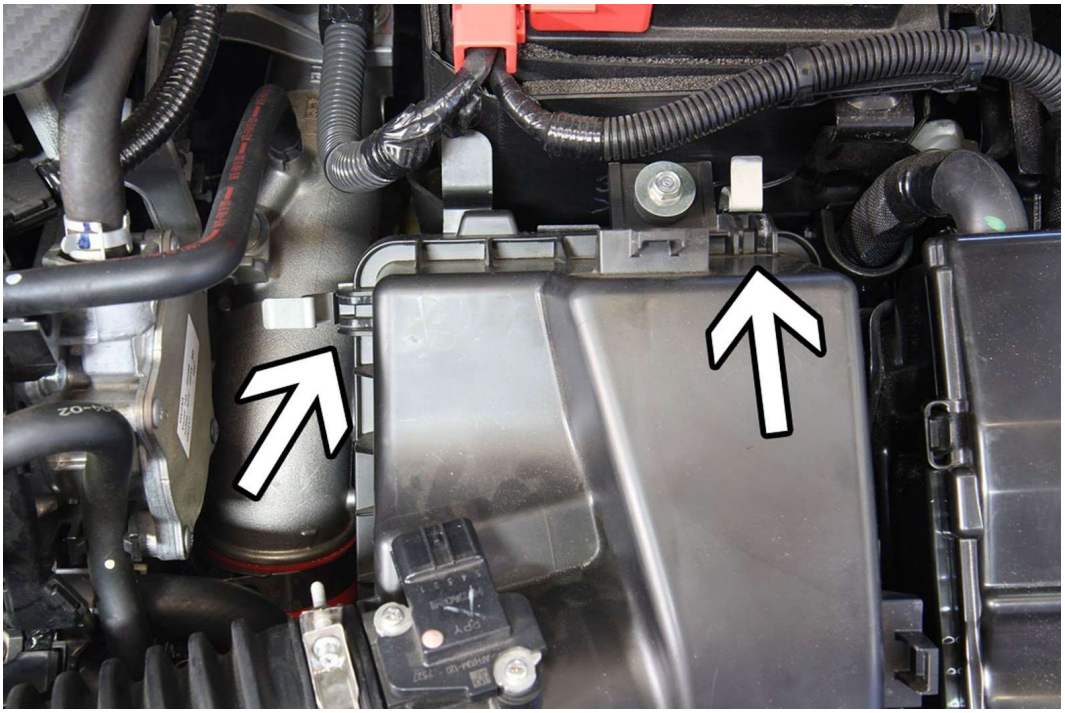
4. Remove the two 10mm bolts securing the air duct.



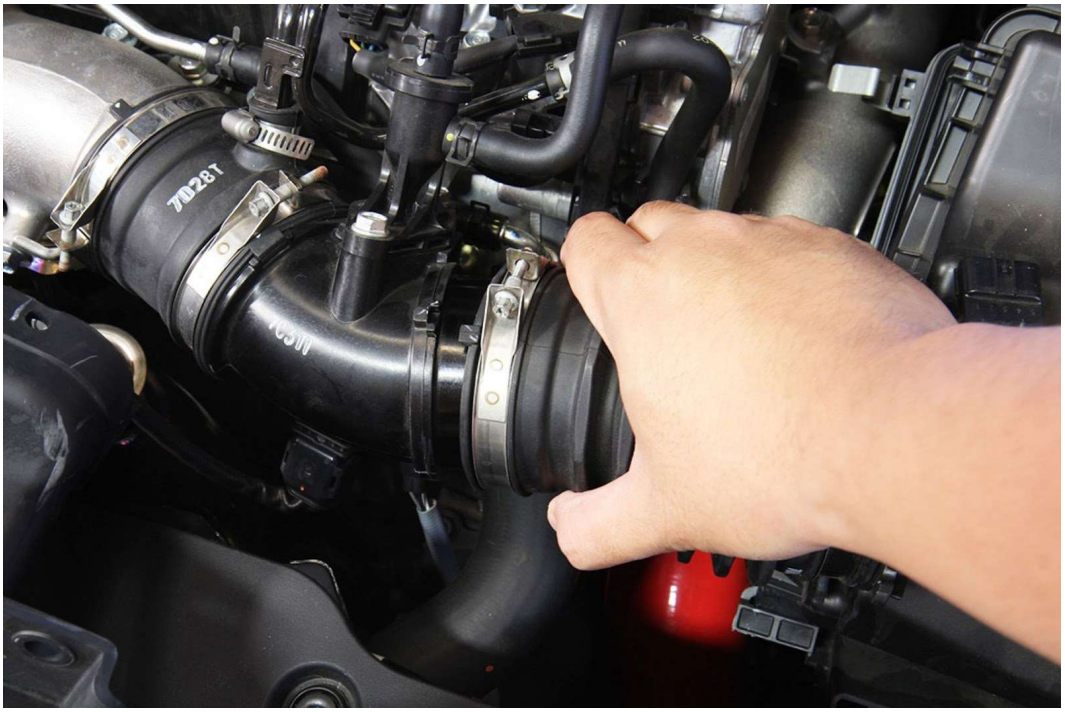
5. Carefully unclip the 5 plastic clips holding the bubble trim to the radiator cover panel, then remove the air duct from the vehicle.



6. Loosen the clamp securing the intake hose from the purge jet housing.

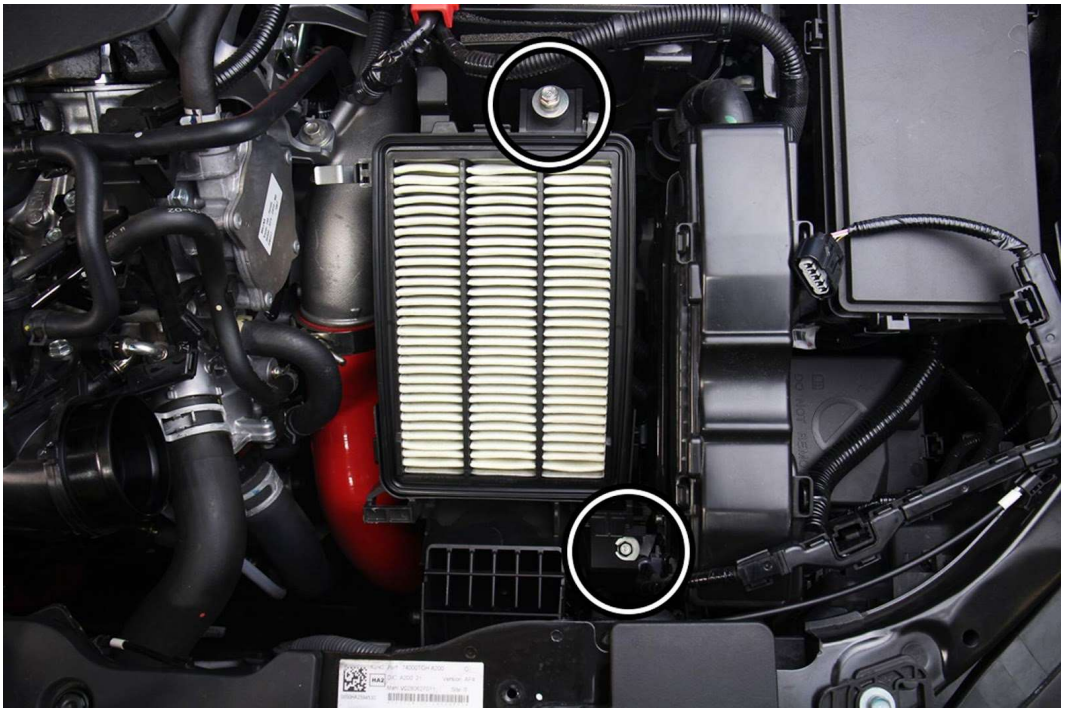


7. Unbuckle the two upper air box clips.

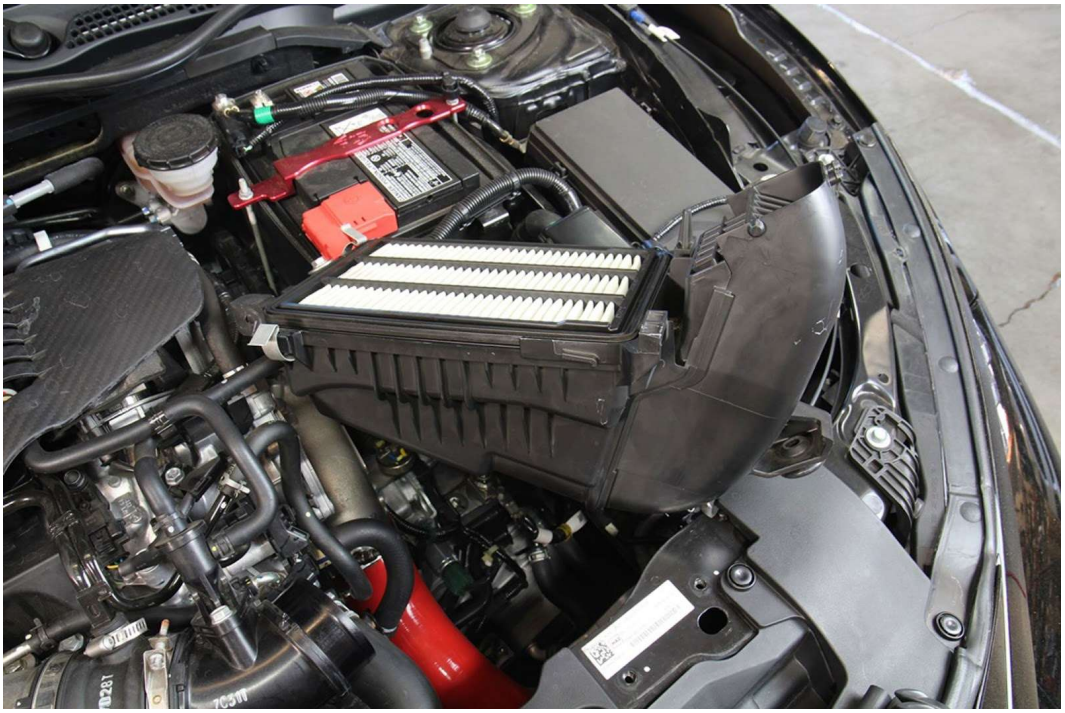


8. Disconnect the intake hose from the purge jet housing.

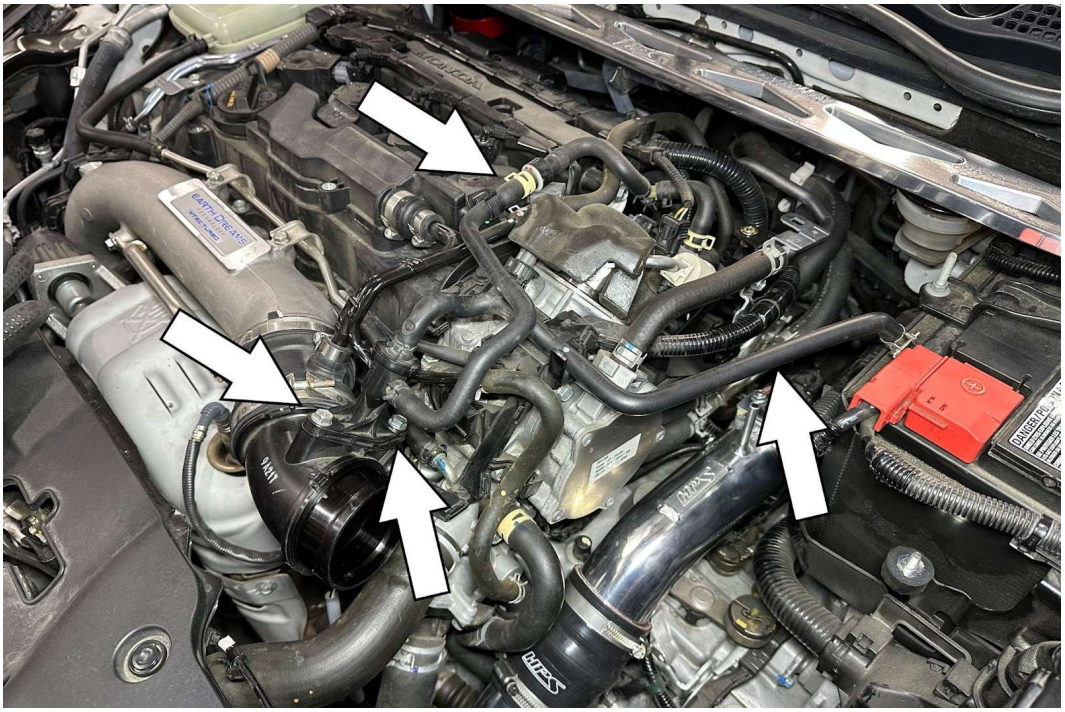
9. Remove the upper air box and intake hose from the vehicle.



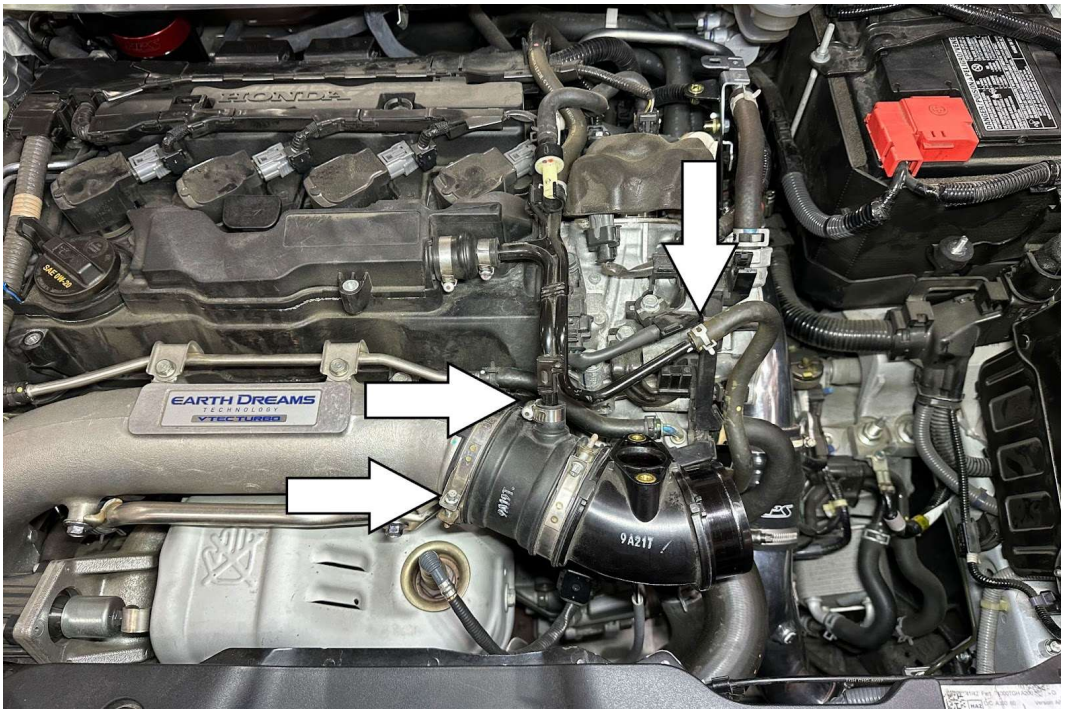
10. Remove the two 10mm bolts securing the lower air box.



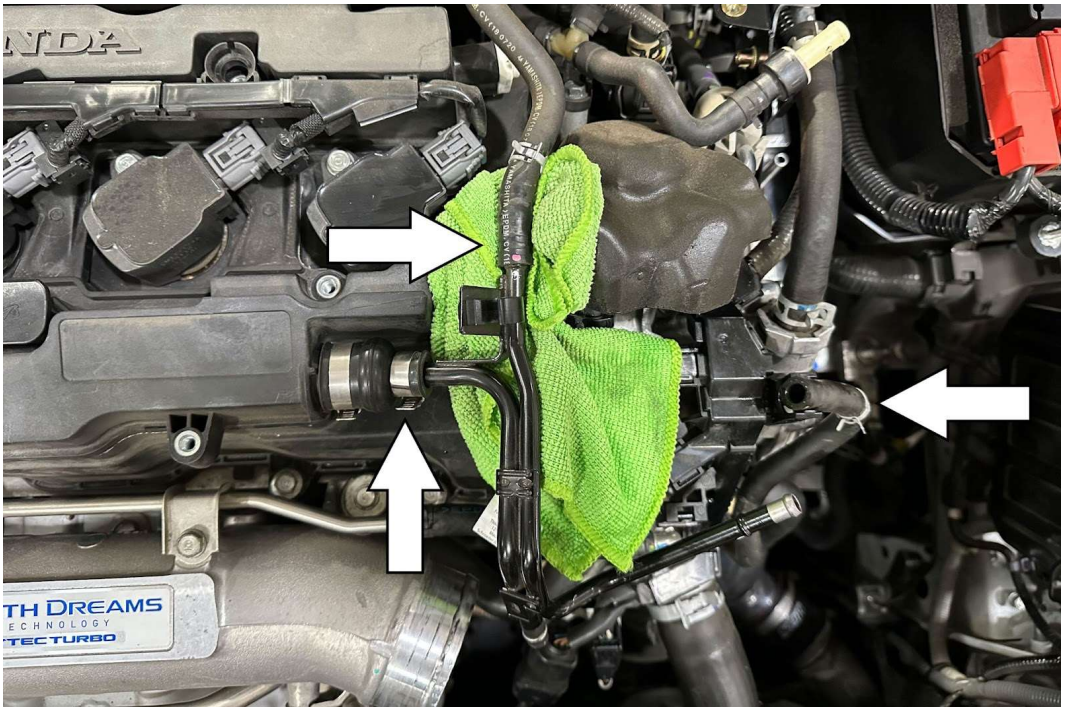
11. Firmly lift the lower air box to release the grommet from the mount to remove it from the vehicle.



12. Disconnect the vacuum hoses from the check valve and the charge pipe. Unbolt the and remove the purge jet from the housing.



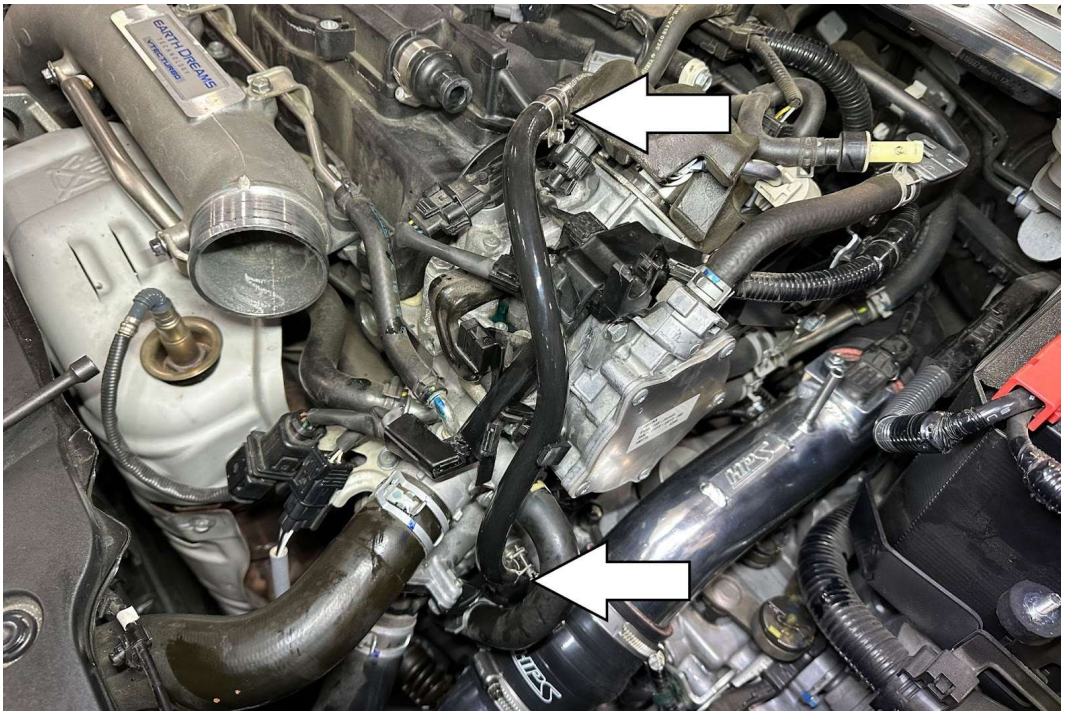
13. First, loosen the clamp at the turbo inlet. Then, use needle nosed pliers to carefully grip the head of the single use clamp and loosen it by about two full turns. Separate the hardline from the rubber coupler, then remove the intake tube assembly from the vehicle. Place a rag under the coolant hardline to catch any residual coolant. Use pliers to slide off the clamp and disconnect the rubber coolant hose from the hardline.



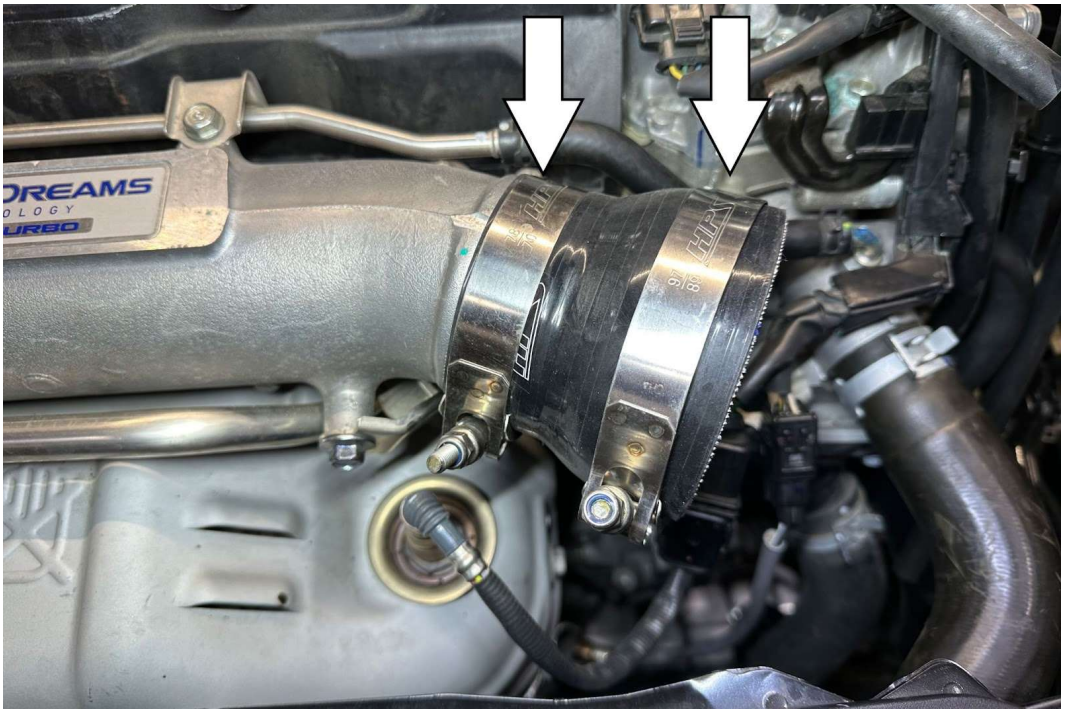
14. Disconnect the upper rubber coolant hose from the hardline. Using needle nosed pliers, carefully grip the head of the single use clamp and loosen it about two full turns, then remove the hardline from the vehicle. Disconnect the bottom coolant hose from the thermostat housing and completely remove it from the vehicle.

15. Remove the single use clamp from the rubber reducing coupler.

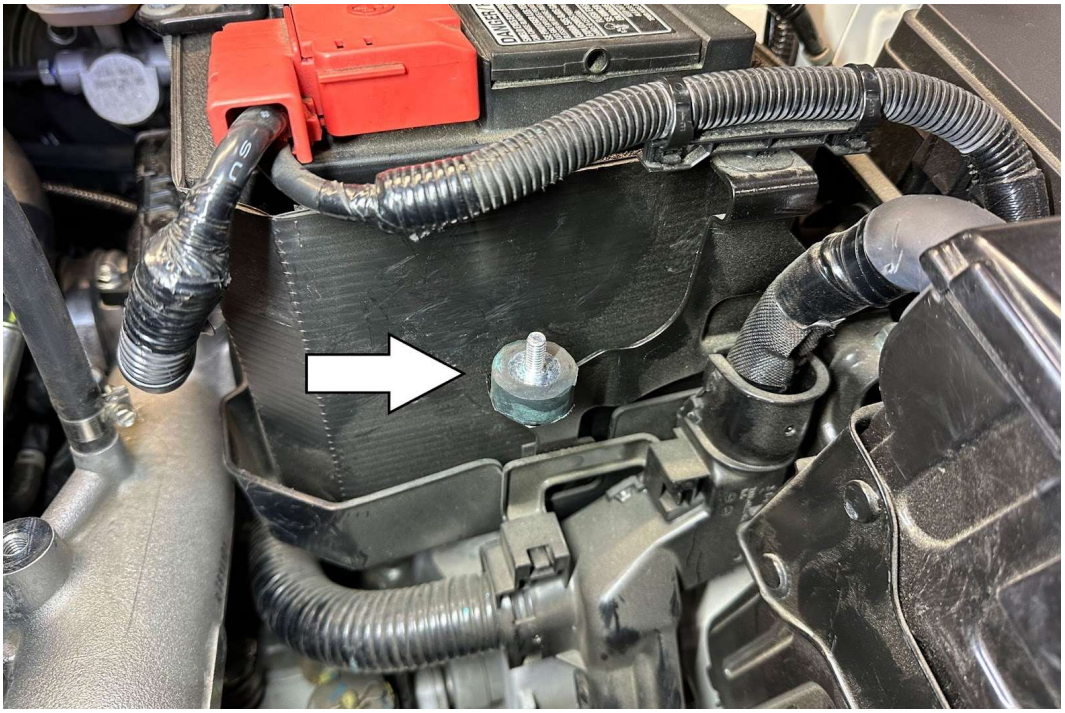
16. Assemble the 13” long heater hose with the two provided FIC-12 clamps and the 5/16” barb fitting as shown in the picture above.



17. Install the 5/16” heater hose assembly by connecting the 5/16” barb fitting to the top coolant hose. Reuse the stock spring clamp to secure the hose to the barb fitting. Install the opposite end of the 5/16” hose onto the thermostat housing nipple and secure it with the FIC-12 clamp.



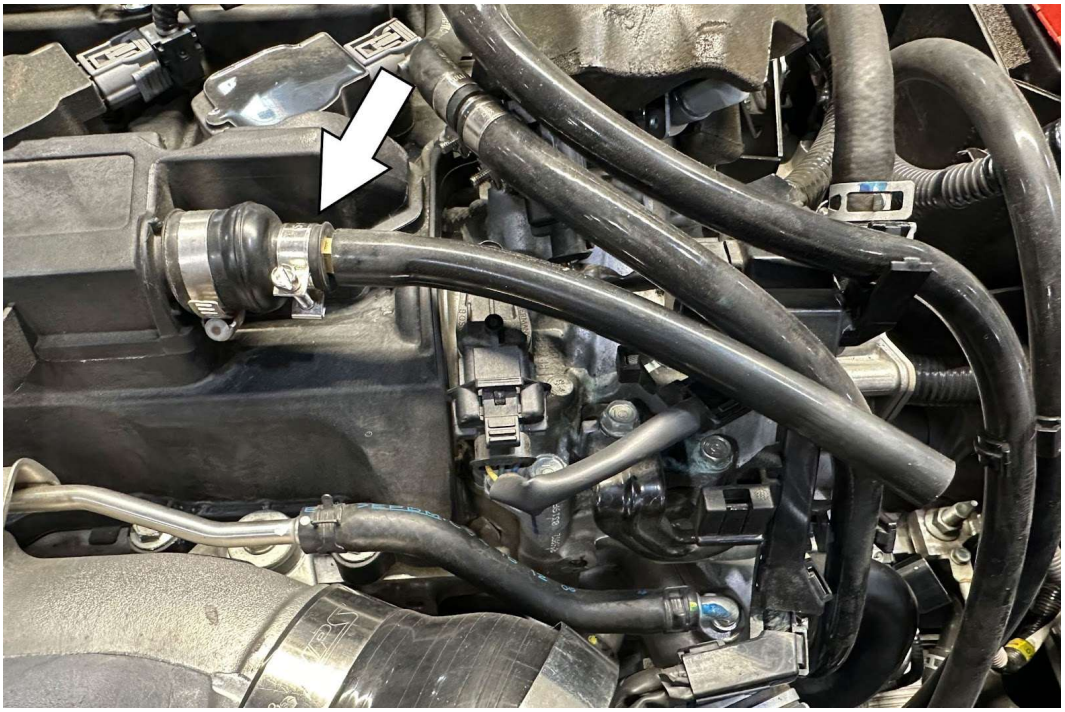
18. Install the provided silicone reducing coupler and two T-bolt clamps onto the turbo inlet as shown above.



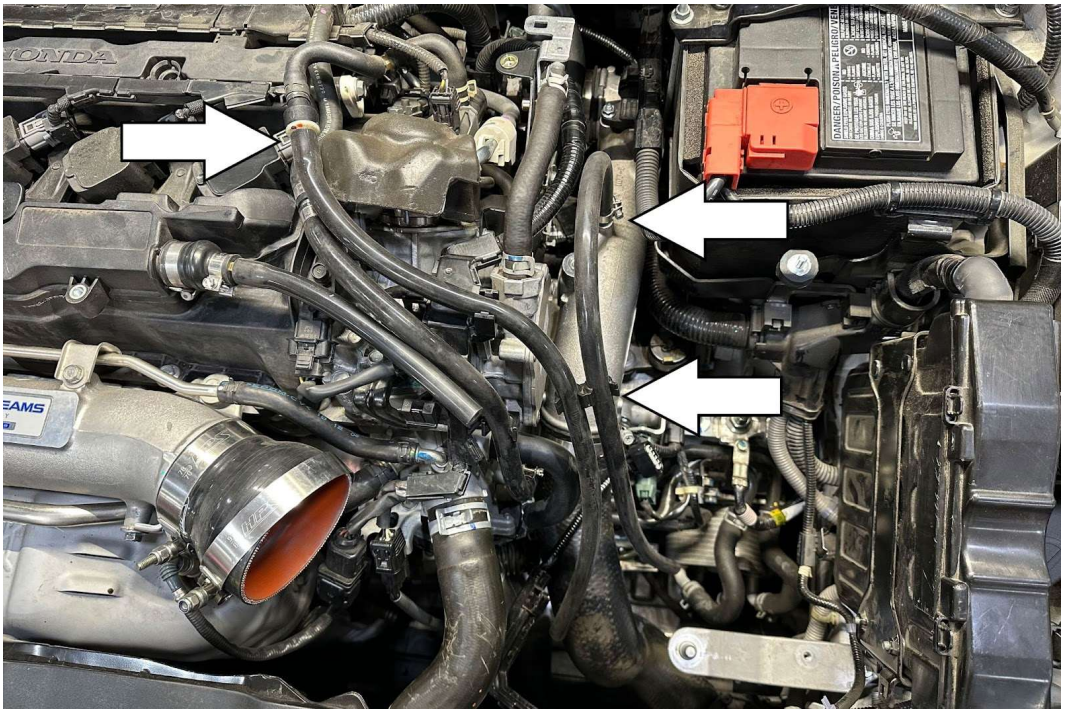
19. Install the ½” vibration mount onto the original upper airbox mount as shown above.

20. Disconnect the plastic clip securing the mass air flow sensor harness to allow the harness to reach the new MAF sensor location.

21. Install the 3/8“ barb fitting onto the 7 inch long 3/8" EPDM hose as shown above.



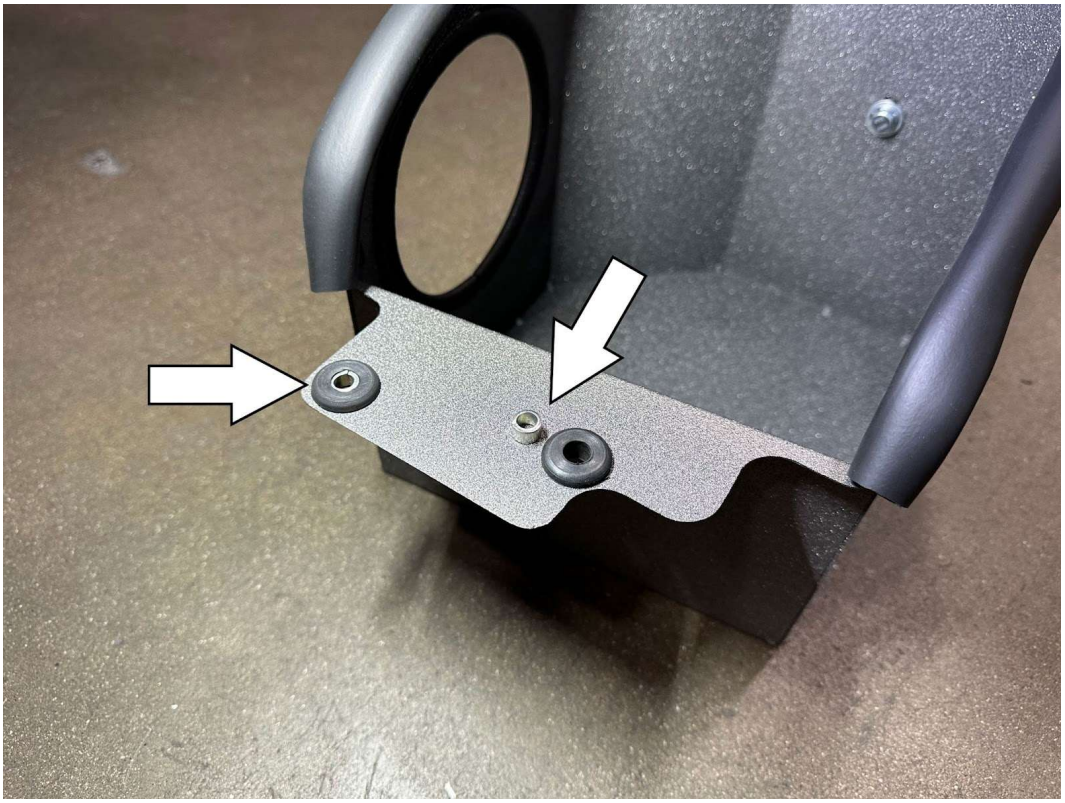
22. Install the 3/8" hose into the rubber reducing coupler using the barb end. Secure the barb fitting with the FIC-15 clamp.



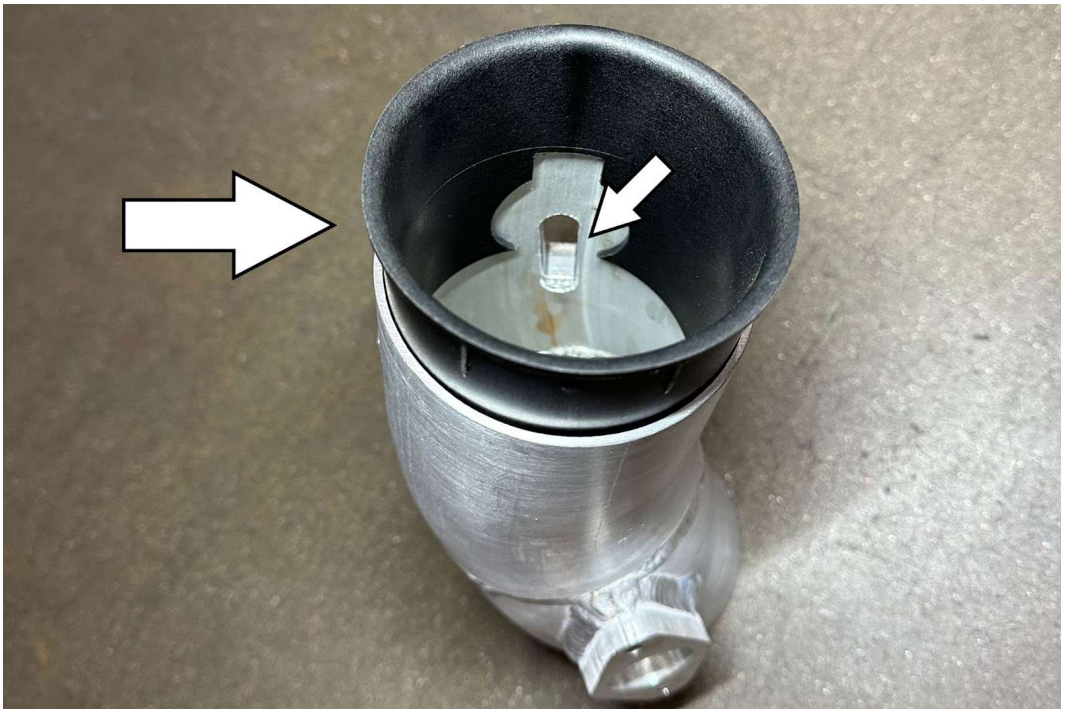
23. Install the 28” long vacuum hose in place of the intercooler vacuum hose with the provided FIC-13 clamp. Install the 21” long vacuum hose to the check valve as shown in the picture above.

24. Install the provided bubble edge trim along the top of the heat shield. Install the thin edge trim along the inside of the round opening.

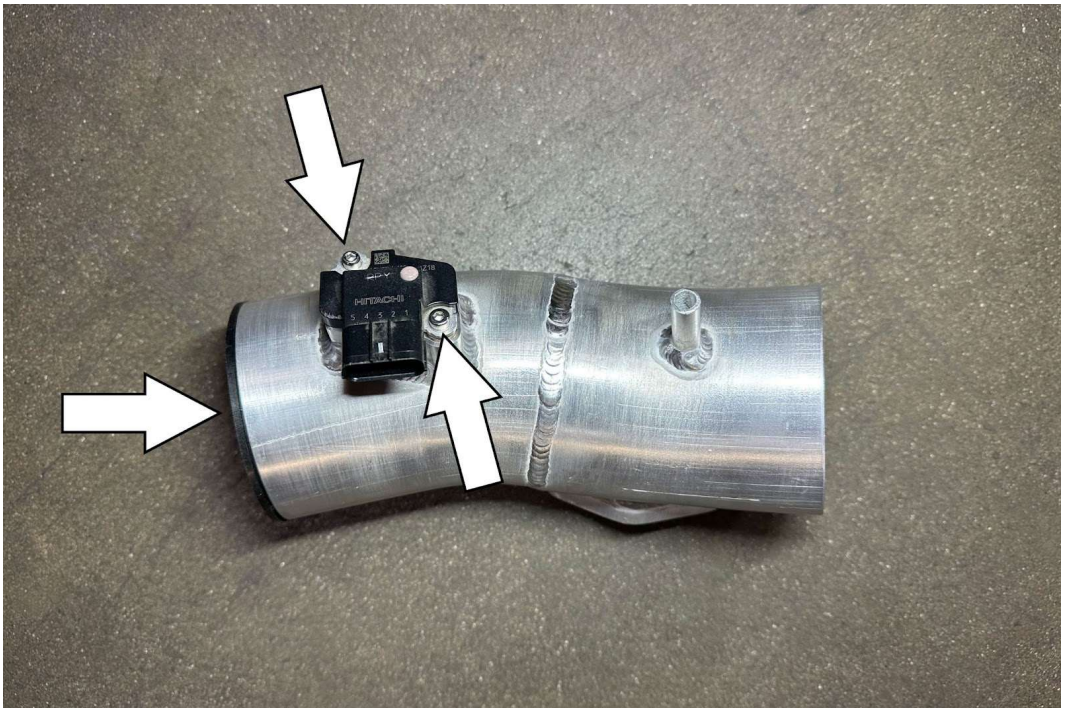
25. Install the provided “L” bracket to the back of the heat shield. The shorter leg will be mounted to the heat shield using the provided M6 nut, bolt, and two washers.



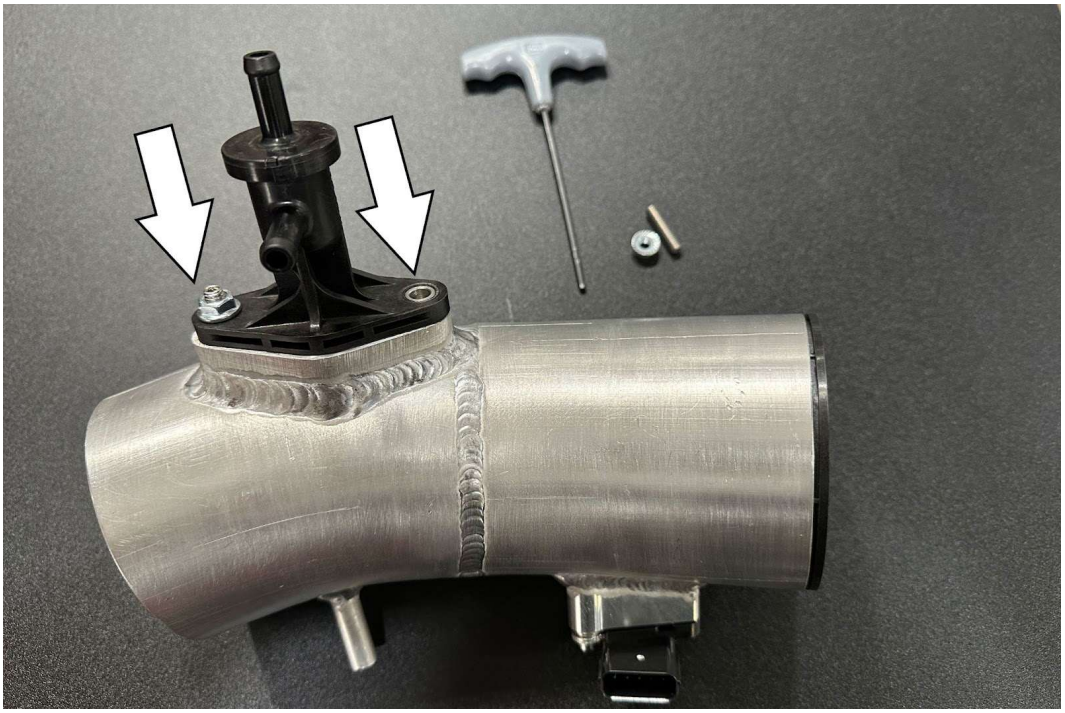
26. Install the provided rubber grommets into the front heat shield. Then, insert the two 8mm spacers into the rubber grommets as shown in the picture above.



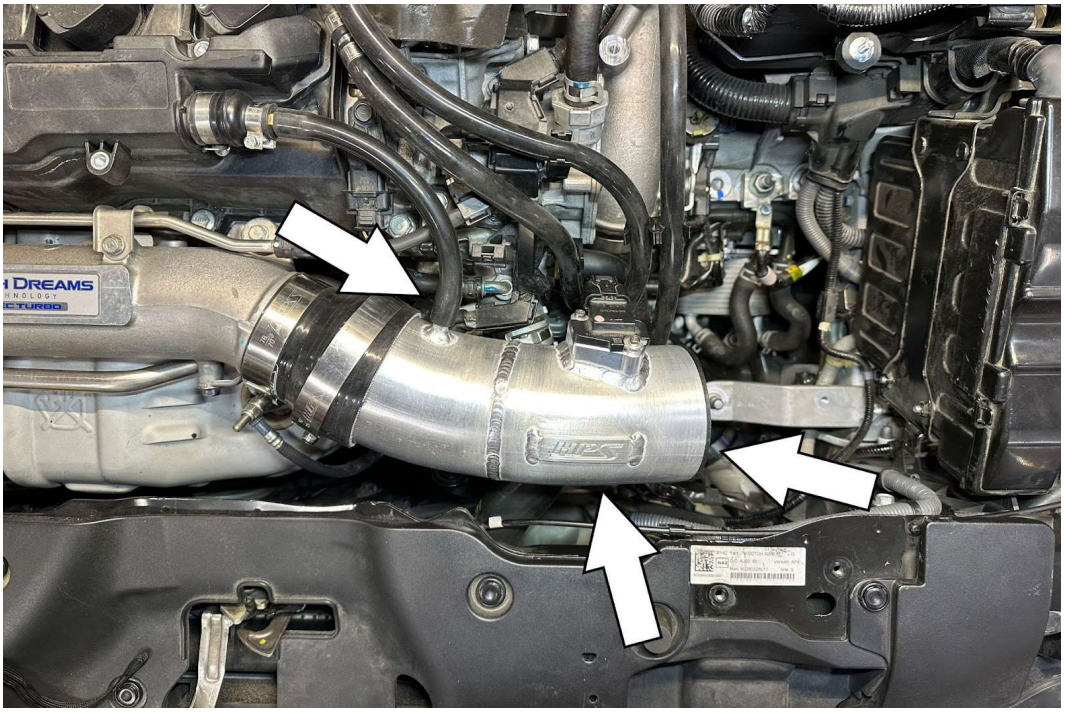
27. Slip the mass air flow sensor sleeve into the intake. Make sure to align the cutout in the plastic sleeve to the mass air flow sensor opening.



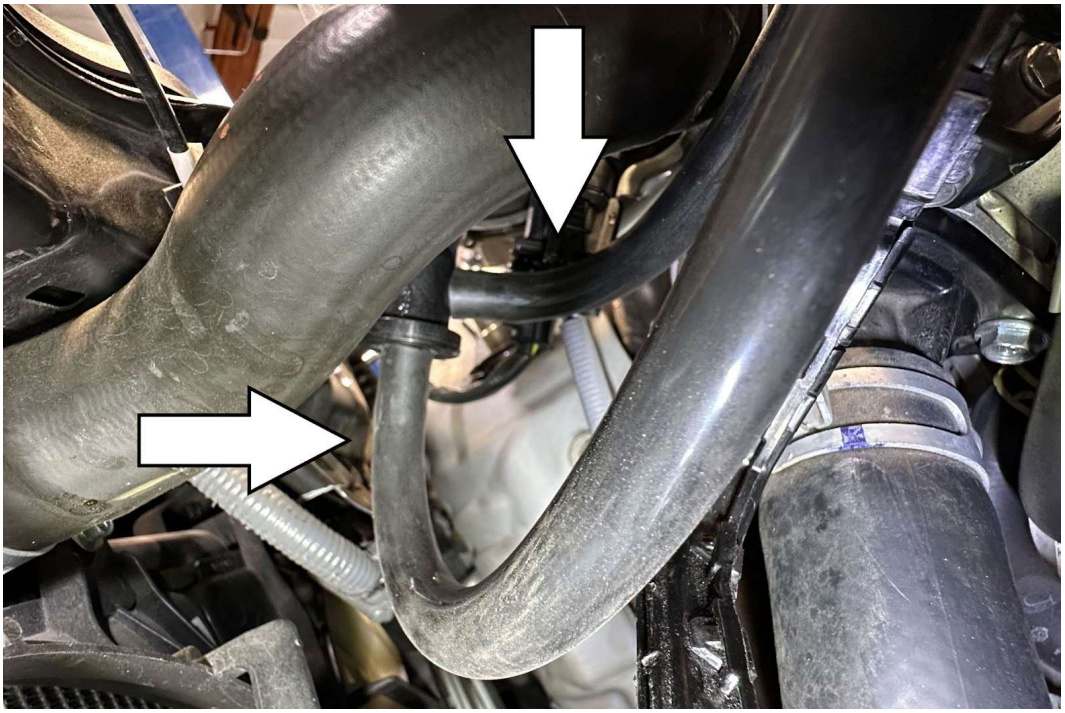
28. Secure the mass air flow sensor onto the intake with the provided M4 screws. Make sure the plastic sleeve is inserted all the way into the intake pipe.



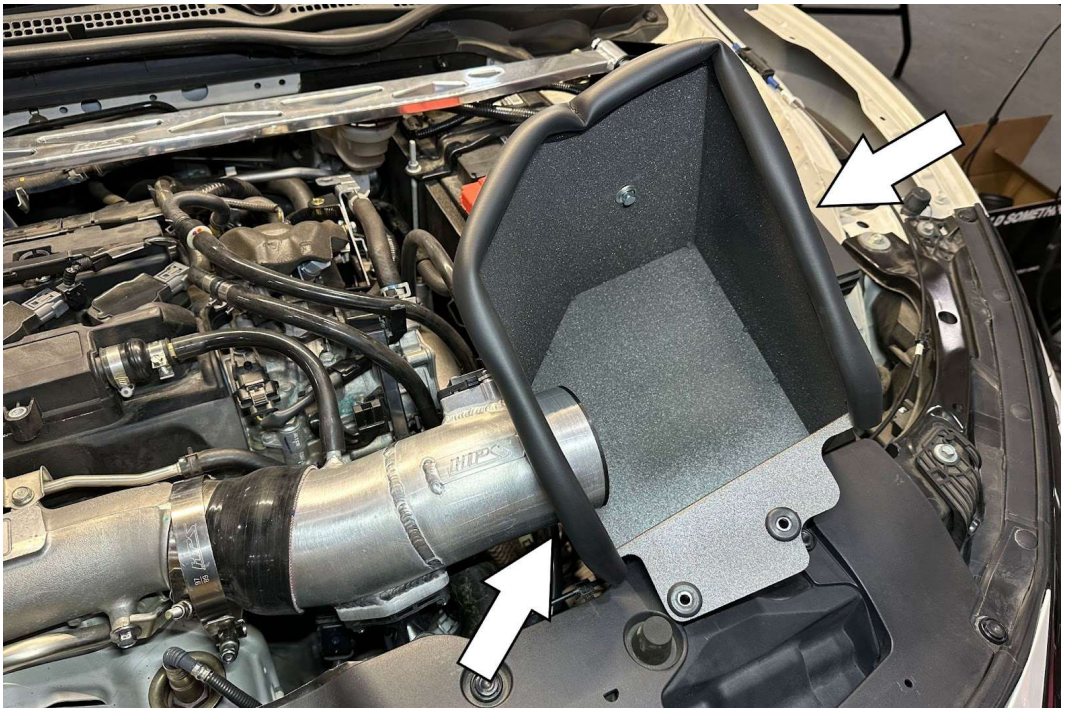
29. Install the two provided M6 set screws onto the purge valve flange on the HPS intake pipe. Secure the purge valve using the provided two M6 nuts. Notice the orientation of the purge valve shown in the image above.



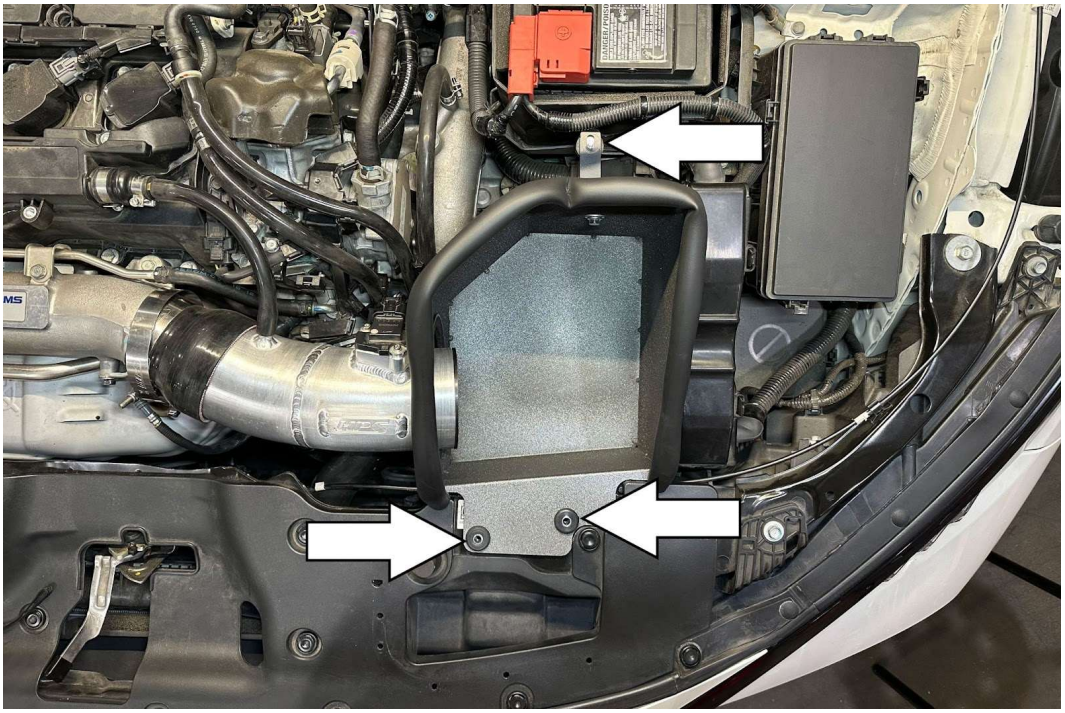
30. Insert the intake pipe into the silicone reducing coupler. Connect the EPDM breather hose from the valve cover to the intake as shown in the picture above.



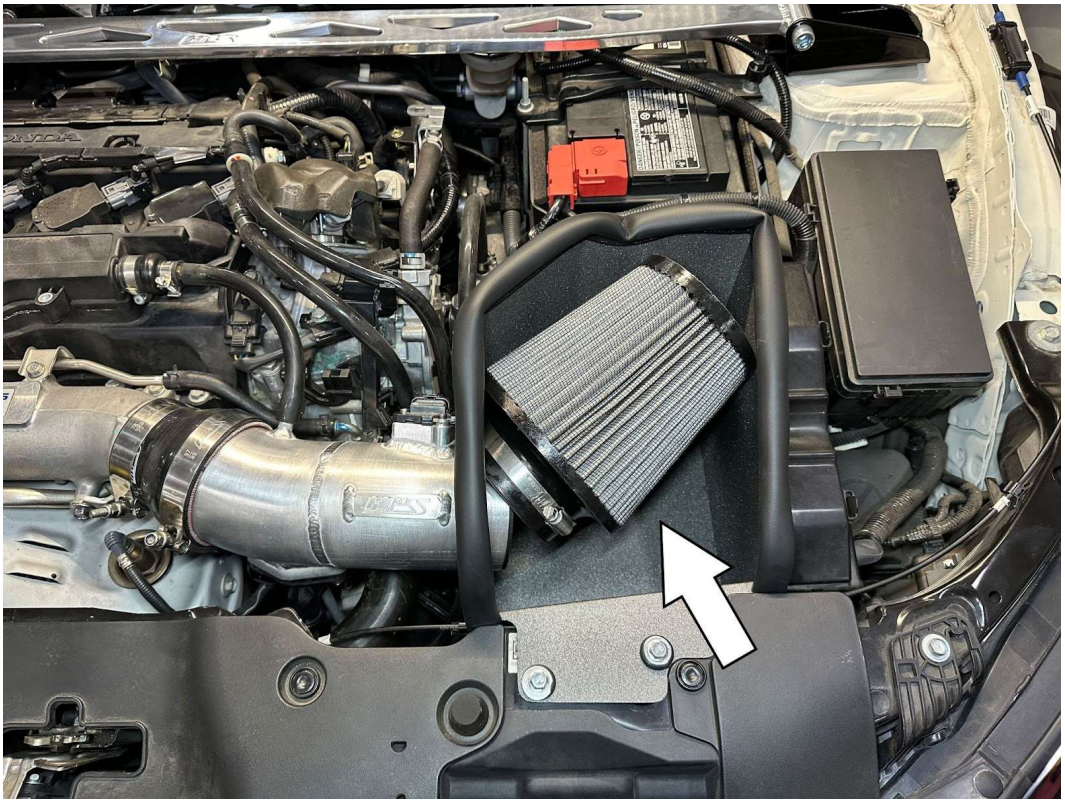
31. Connect the vacuum hoses to the purge valve. The top barb of the purge valve comes from the intercooler pipe. The side barb of the purge valve comes from the vacuum check valve on top of the engine.



32. Angle the intake upwards while placing the heat shield into the engine bay. Feed the intake through the opening in the heat shield and place the heat shield bracket onto the vibration mount installed in step 19.



33. Secure the front of the heat shield onto the radiator support using the two provided M6 bolts and washers. Secure the L bracket onto the rubber vibration mount at the back using the provided M6 nut and washer.



34. Install the provided air filter onto and adjust the intake pipe into position. Then, tighten the T-bolt clamps to secure the intake pipe to the turbo inlet.

FINAL STEPS

Once the intake has been positioned, tighten all of the clamps and secure all of the parts.

Upon completion of the installation, reconnect the negative battery terminal before you start the engine. Double check to make sure everything is tight and properly positioned before starting the vehicle.

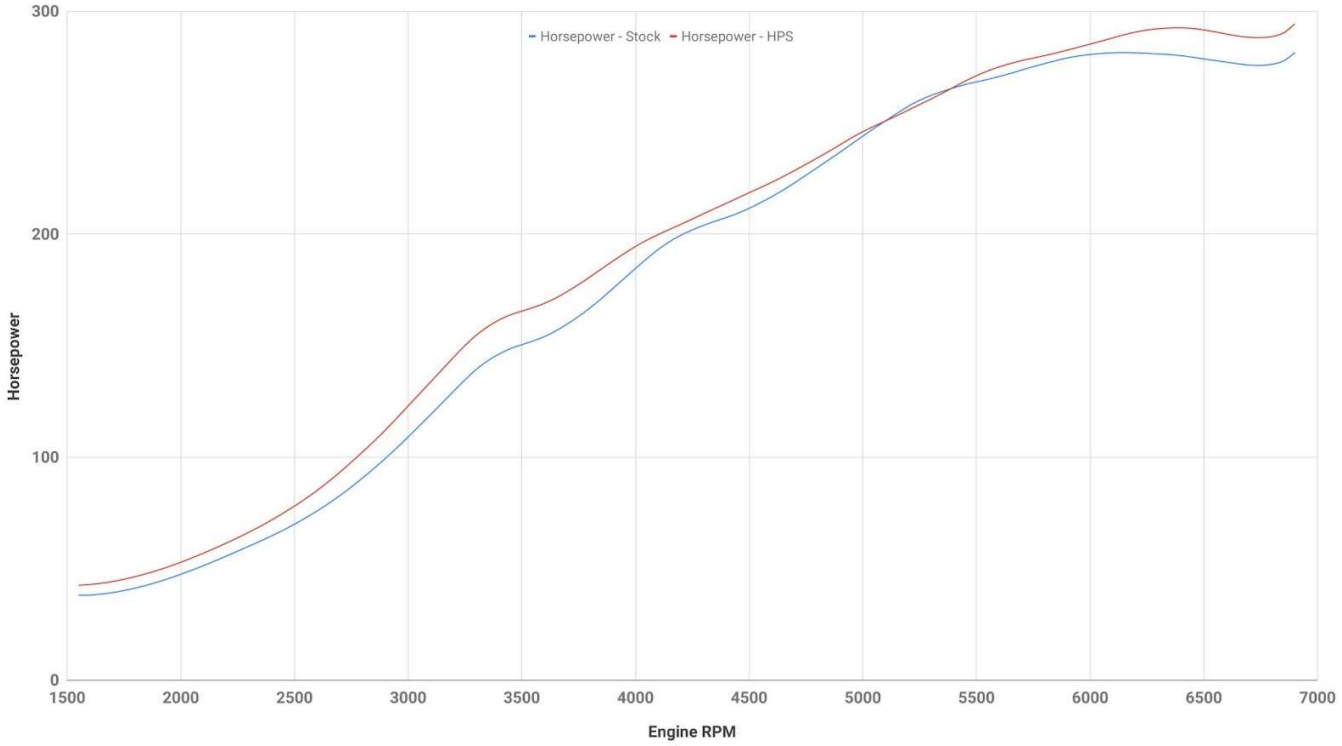
Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles and correct the problem.

Periodically, recheck the alignment of the intake system and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.

HPS Performance Air Intake Kit with Heat Shield (827 Series)
2017-2021 Honda Civic Type R 2.0L Turbo
Part Number: 827-736

Maximum Horsepower Gains = 9.9 whp @ 4000 rpm

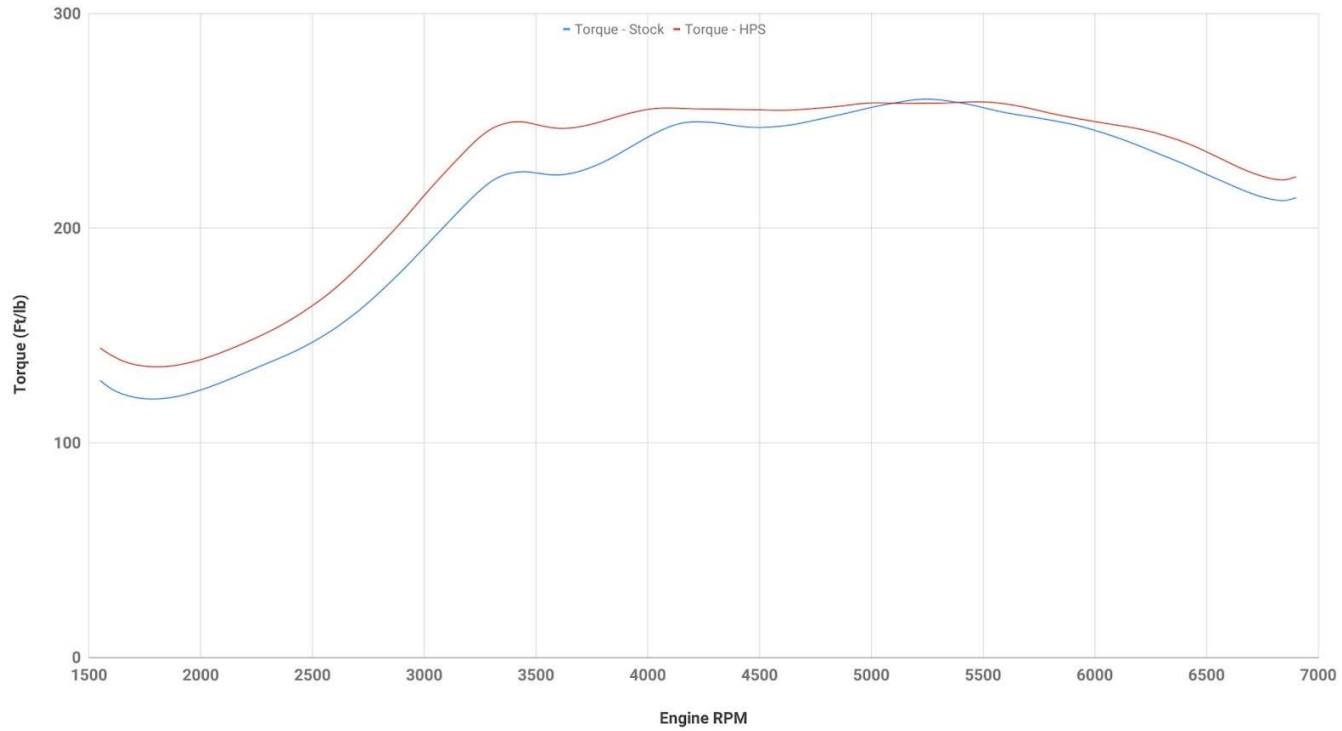
Tested Vehicle: 2019 Honda Civic Type R 2.0L



HPS Performance Air Intake Kit with Heat Shield (827 Series)
2017-2021 Honda Civic Type R 2.0L Turbo
Part Number: 827-736

Maximum Torque Gains = 13 ft/lb @ 4000 rpm

Tested Vehicle 2019 Honda Civic Type R 2.0L



Also available for 2017-2021 Honda Civic Type R 2.0L Turbo

	**HPS Silicone Intercooler Hose Kit** **Part Number 57-1697**
	**HPS Intercooler Charge Pipe Kit** **Part Number 17-133**
	**HPS Performance Oil Catch Can Kit** **Part Number 860-002**
	**HPS Performance Front Strut Bar** **Part Number 42-111**

Contact an authorized HPS Performance dealer or

visit us at hpsperformanceproducts.com for more details