



Performance Air Intake Kit

Part Number: 827-783

2021-2025 Acura TLX Type S 3.0L

Installation Instructions

For technical inquiries please email us at tech@hpsperformance.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.

Bill of Materials

Kit Number: 827-783

Line #	Description	Part Number	Qty
1	Air Intake Pipe	529-921	1
2	Heat Shield, Upper	531-985	1
3	Heat Shield, Lower	531-986	1
4	Heat Shield, Lid	531-987	1
5	Heat Shield, Panel	531-988	1
6	HPS Performance Air Filter	HPS-4302	1
7	Straight Coupler, 3-1/2" ID, 2" Long	P3SC-350-L2	2
8	Embossed Hose Clamp, 80mm - 100mm	EMSC-80-100	4
9	Bolt, M4 x 0.7, 10mm Long	HW-B4-10	2
10	Bolt, M5 x 0.8, 8mm Long, Hex head	HW-B5-8H	4
11	Bolt, M6 x 1.0, 12mm Long	HW-B6-12	4
12	Bolt, M6 x 1.0, 16mm Long	HW-B6-16	2
13	Flat Washer, M6, 16mm OD	HW-FW6L	7
14	Flange Nut, M6	HW-N6	1
15	Rubber Vibration Mount, M6, 1/2" Tall	HW-RM6-50	1
16	Rubber Grommet, 10mm ID	HW-RG10	1
17	Velocity Stack, 3-1/2" to 6" inlet	HW-VS-350-600	1
18	MAF Sleeve, 3-1/2" - 3-1/4" OD for Acura TLX Type S	HW-VEN-350-325-C	1
19	Thin Edge Trim	75B7X1/16	28 inches
20	Bubble Edge Trim	7750B2X1/16C	33 inches
21	Cooling Shield Pad for Heat Shield Panel 531-988	4580N12-B	1

- **Before installing any parts of this intake kit, please read the instructions thoroughly.**
- **Verify the contents of this intake kit before disassembling your vehicle.**
- **Report any defective or missing parts to HPS directly. The HPS dealer you purchased this product from might not have the replacement parts you need.**
- **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 the removal of coolant lines that may be hot.**
- **For technical inquiries, please email us at tech@hpsperformance.com**

PLEASE READ CAREFULLY BEFORE INSTALLATION!

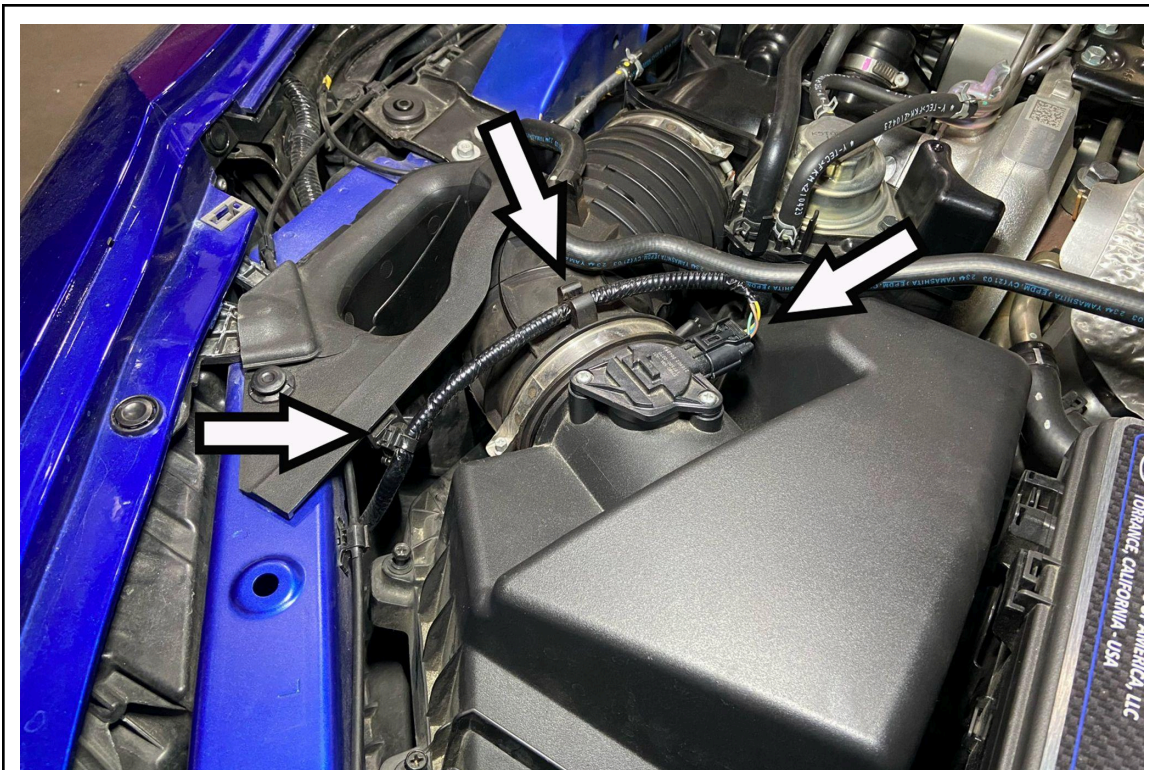
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

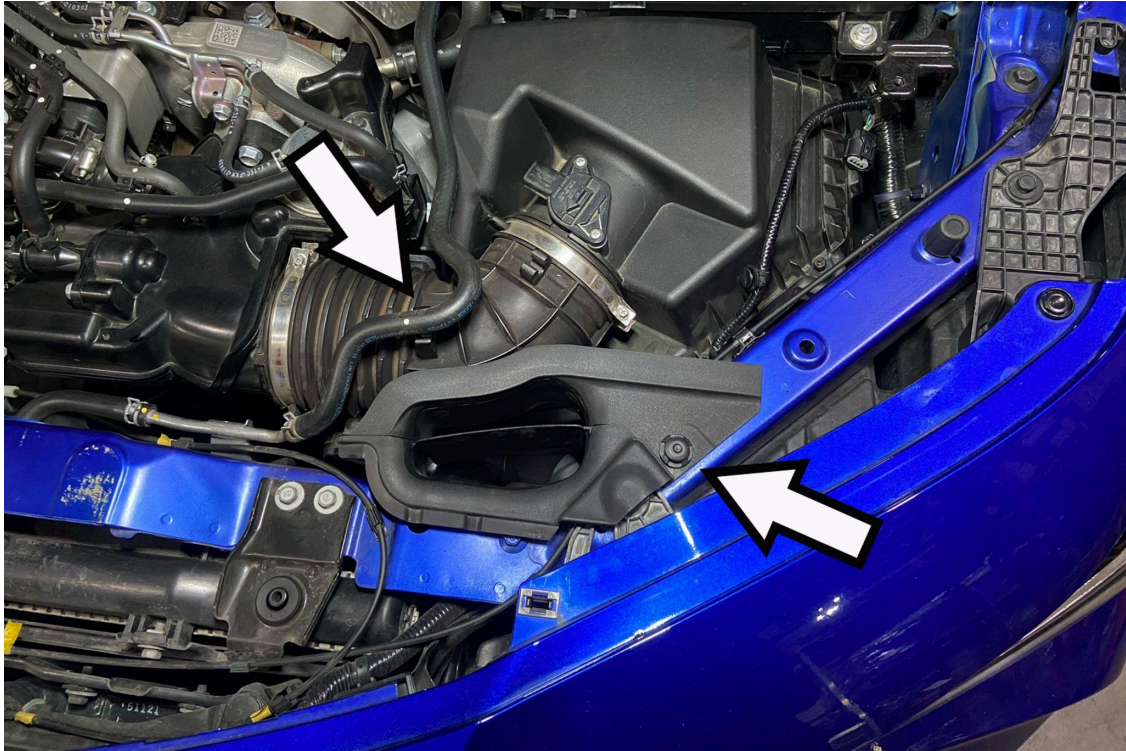
GETTING STARTED

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.

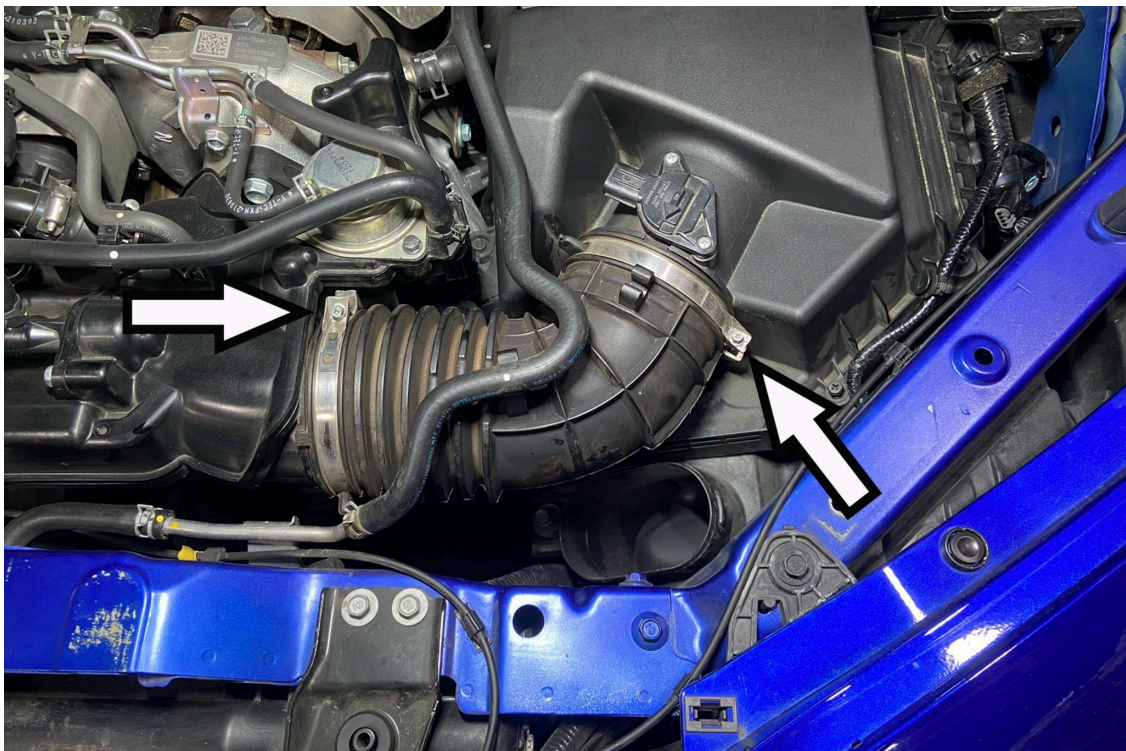
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles' 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.



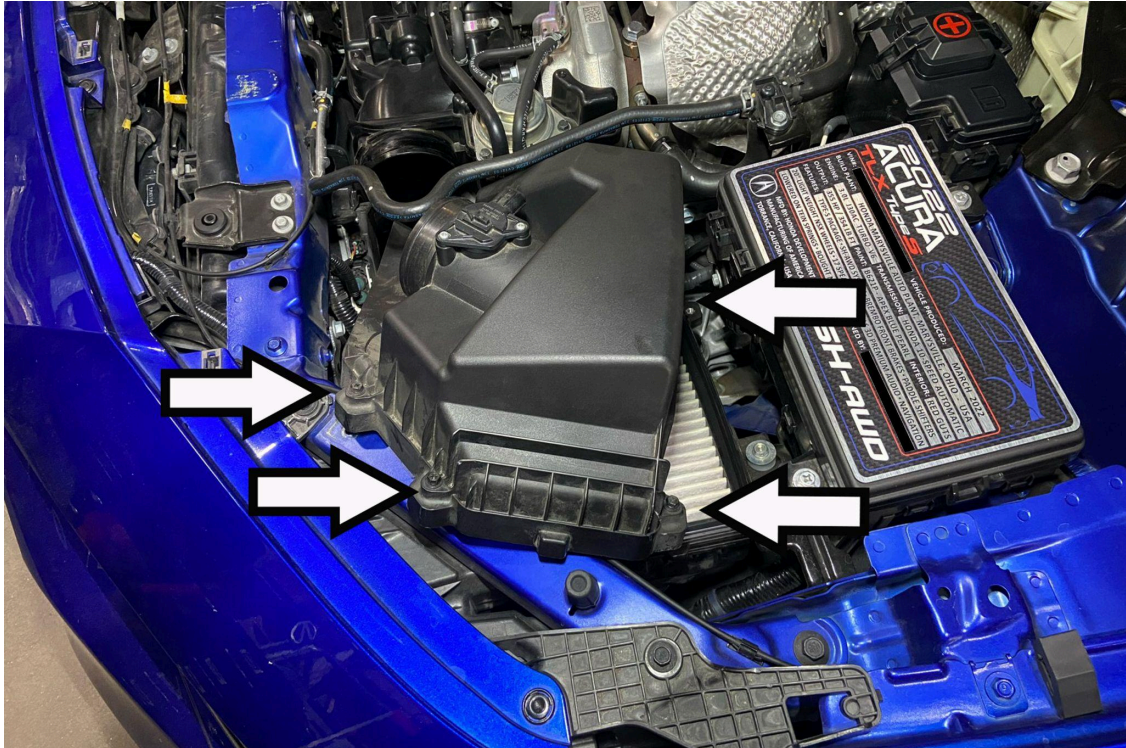
2. Disconnect the wire from the mass air flow (MAF) sensor and unclip the harness from the intake tube. Slide the MAF sensor harness retaining clip towards the driver side of the vehicle to remove it from the air duct.



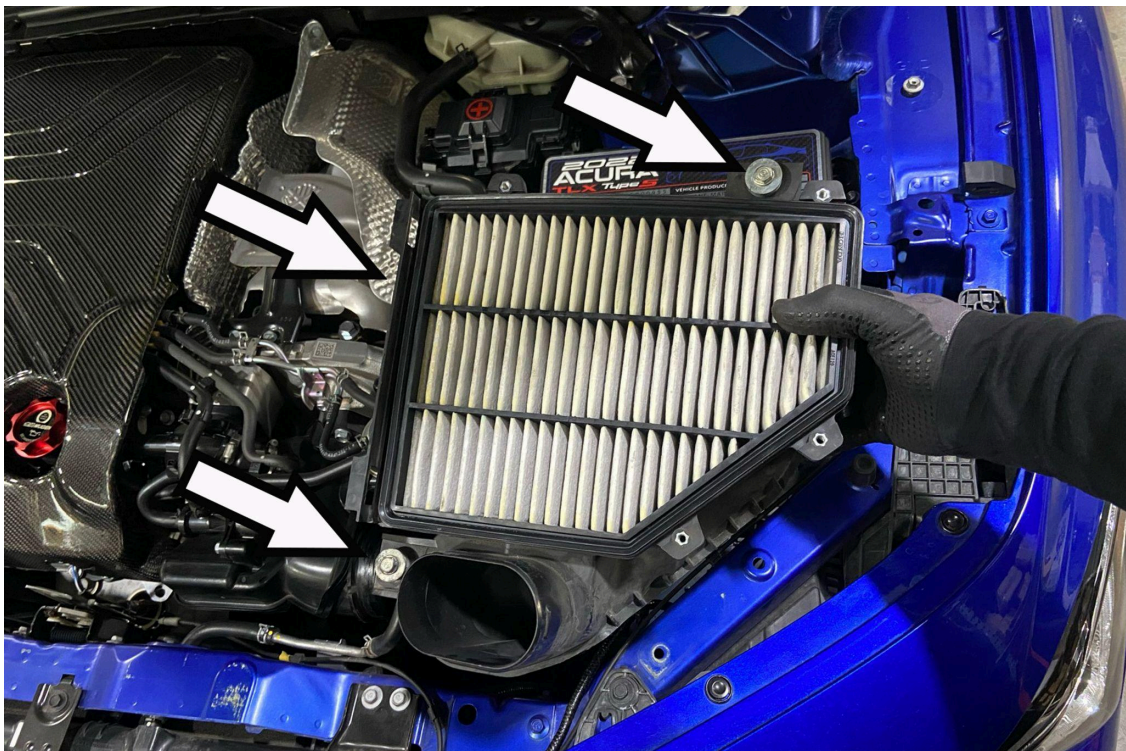
3. Unclip the coolant hose from the intake tube. Remove the retaining clip from the air duct and remove the air duct from the vehicle.



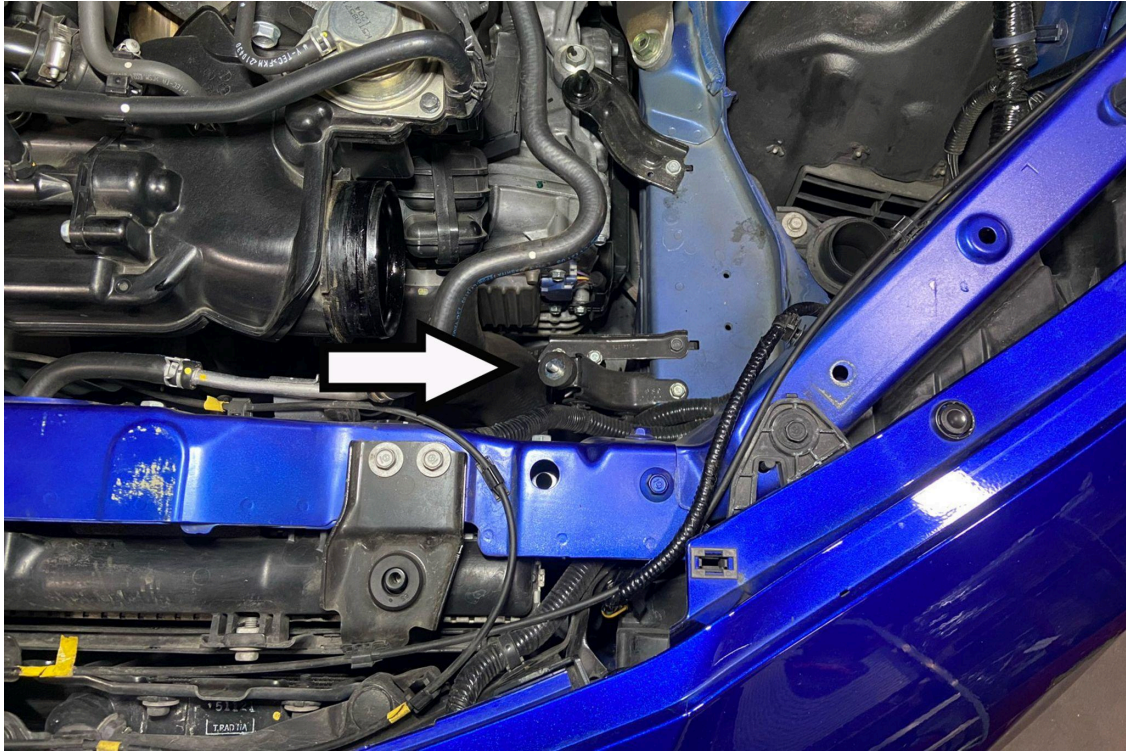
4. Loosen the hose clamp securing the intake tube from the turbo inlet housing (left) using either a small Phillips-head screwdriver or a 5.5mm socket. Remove the intake tube from the vehicle.



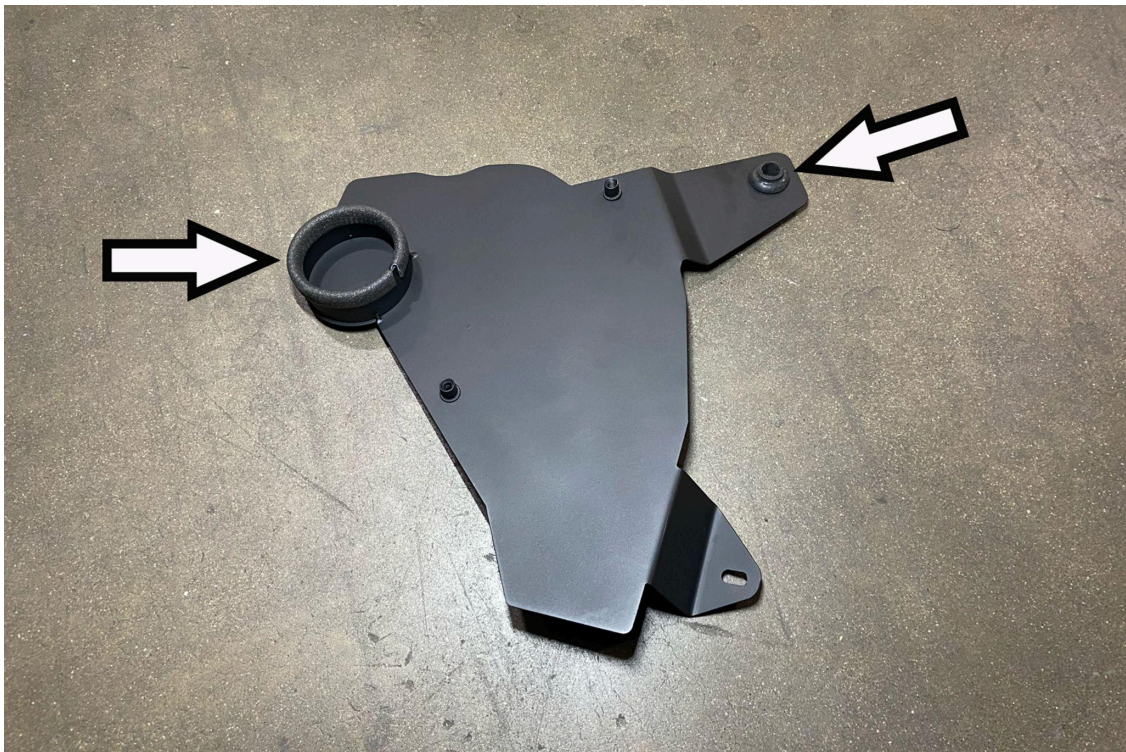
5. Loosen the four 8mm bolts securing the upper air box housing. Remove the upper air box housing from the vehicle



6. Loosen the two 10mm bolts securing the lower air box housing. Lift the air box from the grommet and remove the lower air box housing from the vehicle.

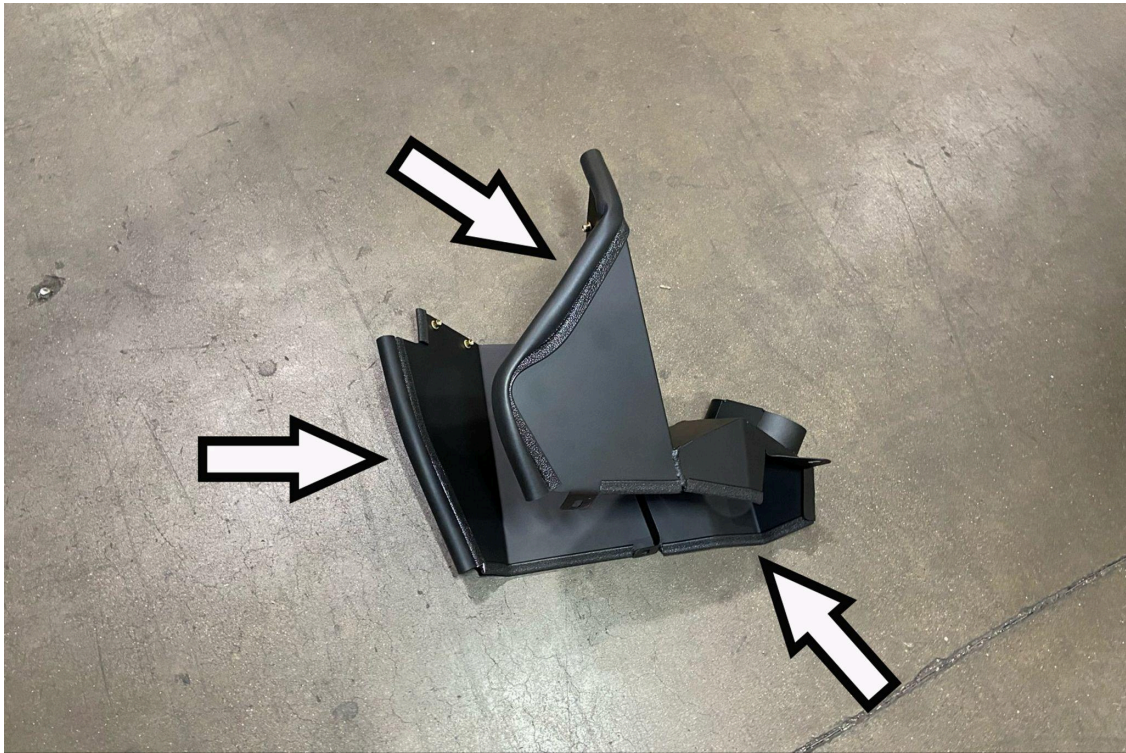


7. Install the provided 1/2" rubber vibration mount onto the front factory lower air box mount.



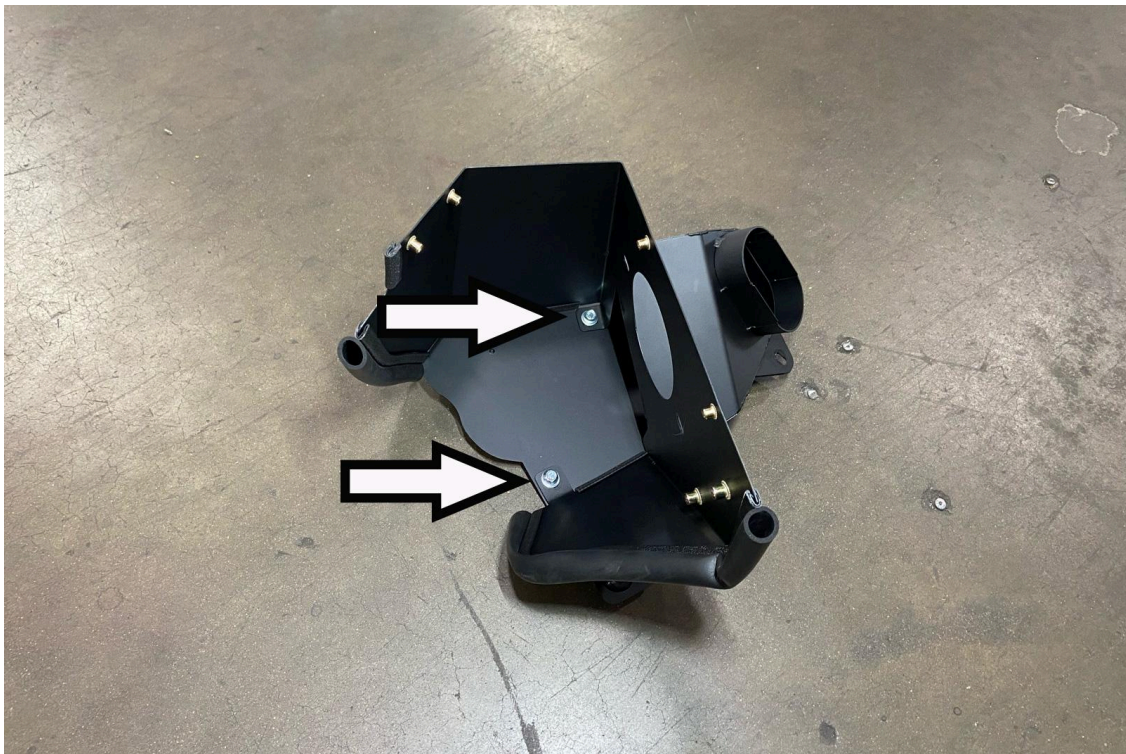
8. Insert the provided grommet into the HPS lower heat shield (shown in the top right). Install the thin edge trim in the area shown above (top left).

NOTE: Thin edge trim will need to be cut to length

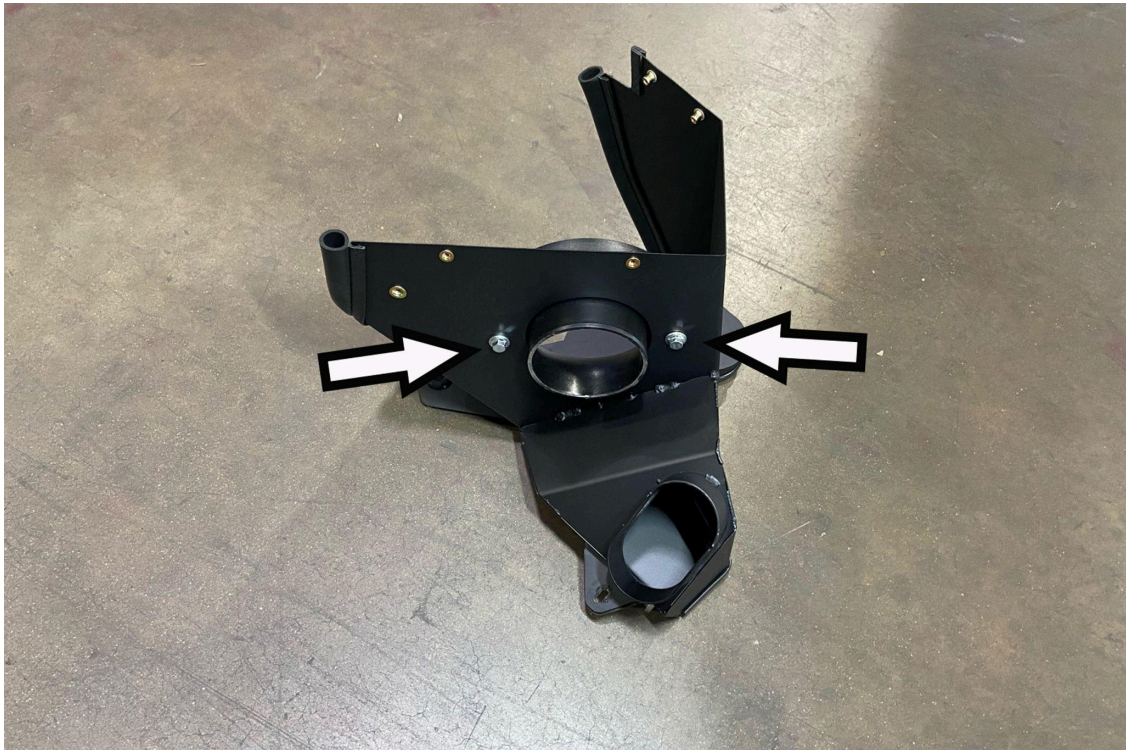


9. Install the thin edge trim and bubble edge trim onto the areas shown above onto the upper heat shield.

NOTE: Bubble edge trim will need to be cut to length



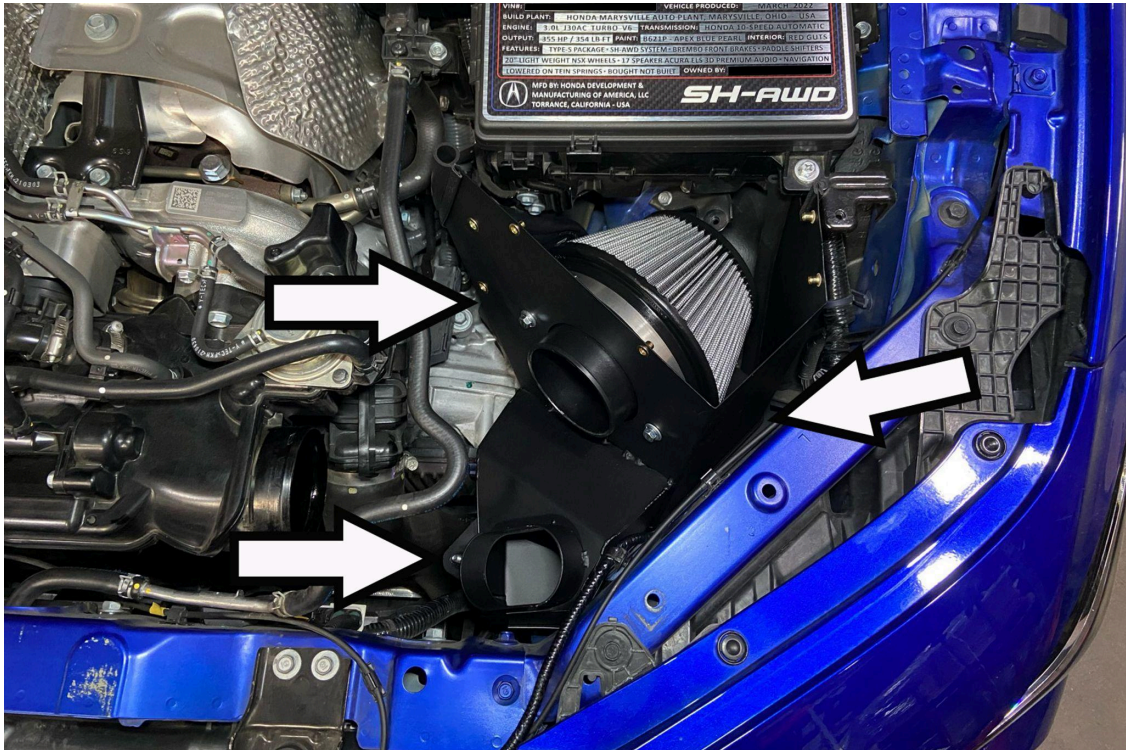
10. Secure the upper HPS heat shield onto the lower heat shield using two of each provided M6, 16mm long bolts and washers.



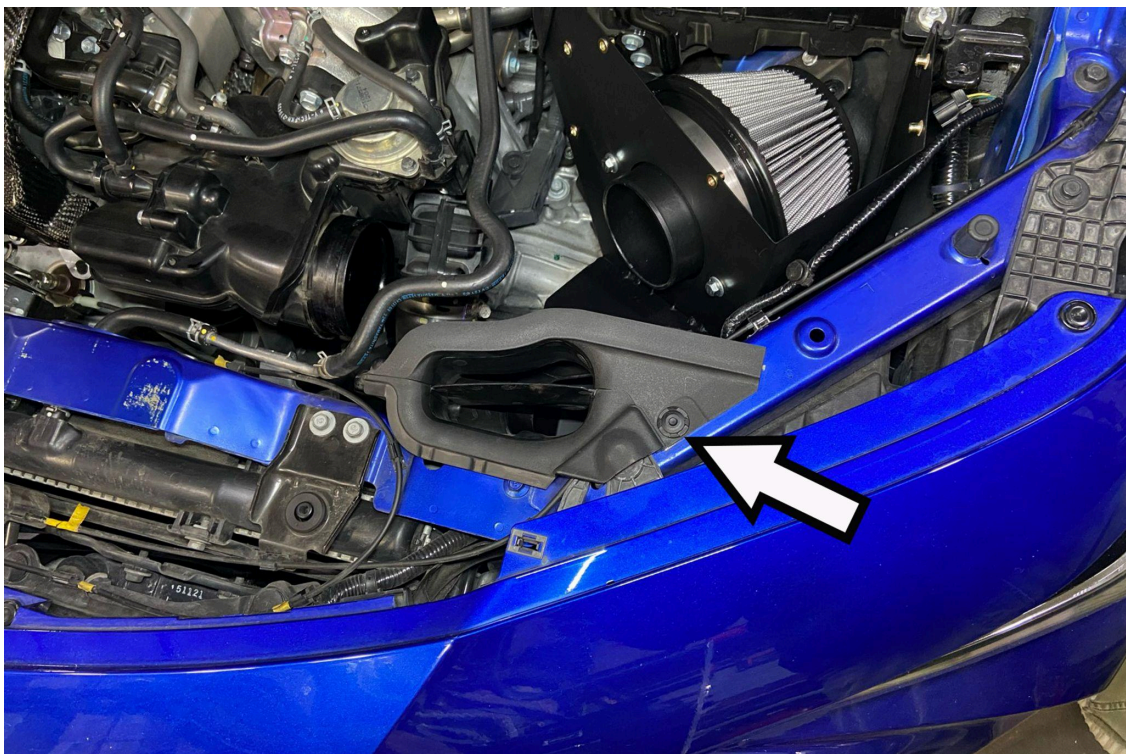
11. Mount the velocity stack onto the heat shield using two of each provided M6, 12mm long bolts and washers using a 10mm socket.



12. Install the provided HPS performance air filter using either a flat head screwdriver or 8mm socket.



13. Place the heat shield into the vehicle and secure the grommet onto the mounting stud, mounting the tab onto the factory lower air box mount, and setting the circle mount on top of the resonator mounting assembly. Secure the mounting tab using the provided M6 nut and washer.



14. Reinstall the factory air duct back into the vehicle.



15. Locate the provided MAF sleeve. DO NOT throw this sleeve away, it is an essential part of the intake kit.



16. Insert the MAF sleeve into the sensor side of the intake pipe, lining up the slot with the MAF sensor.

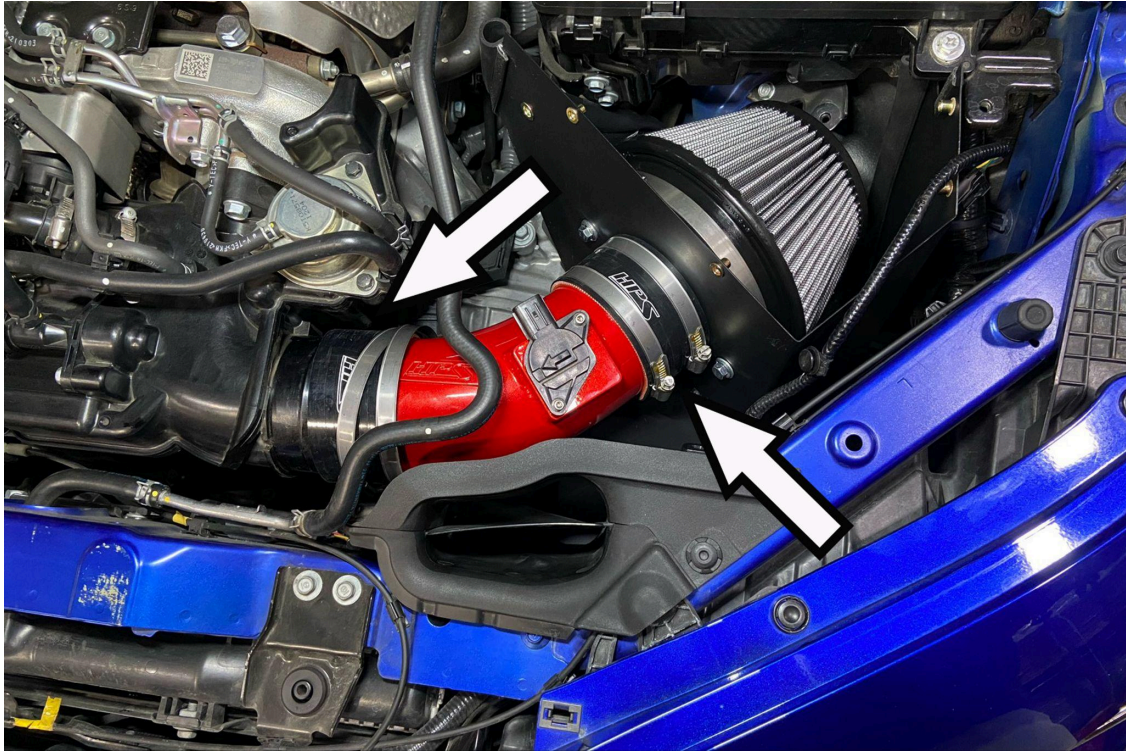


17. Remove the MAF sensor from the factory air box with a Phillips-head screwdriver. Transfer the sensor onto the HPS intake pipe. Use a 3mm Allen key to fasten the provided M4 Allen bolts to secure the MAF Sensor to the pipe.



18. Loosely place the provided couplers and clamps onto both ends of the intake pipe.

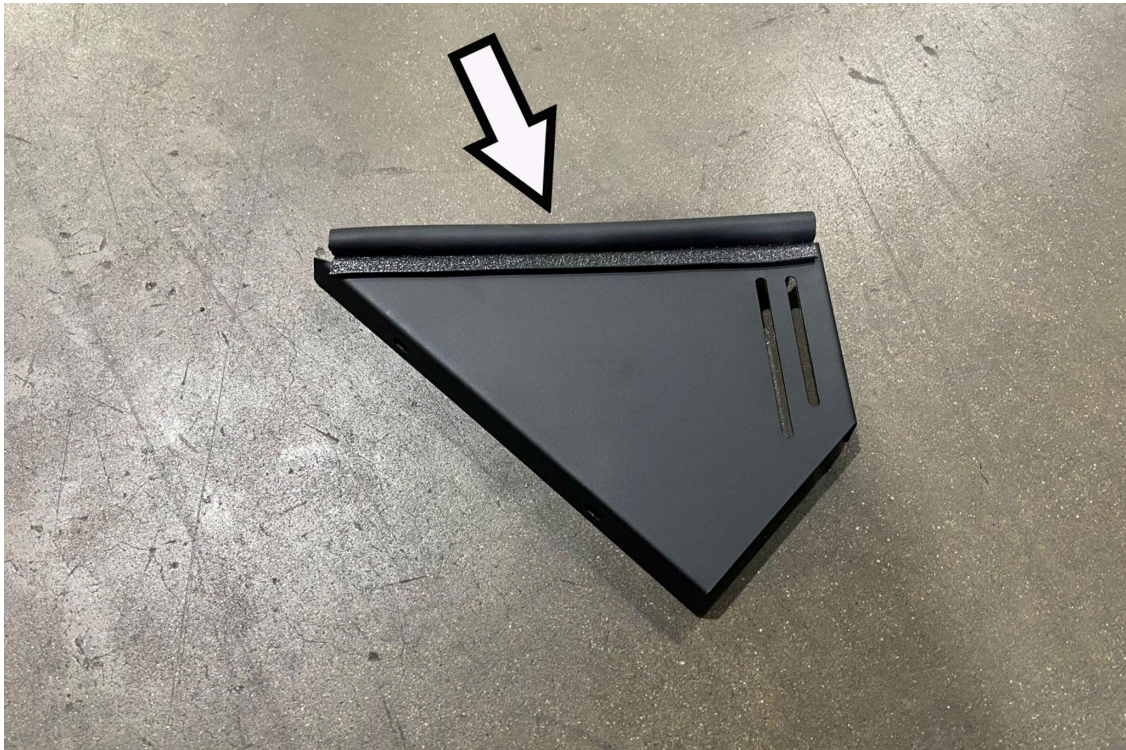
TIP: Slide the left coupler completely onto the intake pipe.



19. First, insert the right coupler on the intake pipe onto the velocity stack, then slide the left coupler onto the turbo inlet side. Position the intake pipe into place and use a 10mm socket to tighten all of the hose clamps to 15 in-lb.



20. Apply the provided cooling pad onto the heat shield panel.



21. Install the bubble edge trim onto the heat shield lid onto the area shown above.



22. Mount the heat shield panel onto the upper heat shield using two of each M6, 12mm long bolts and washers. Reconnect the MAF sensor wire harness and install the heat shield lid using the four provided M5, 10mm long bolts.

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.

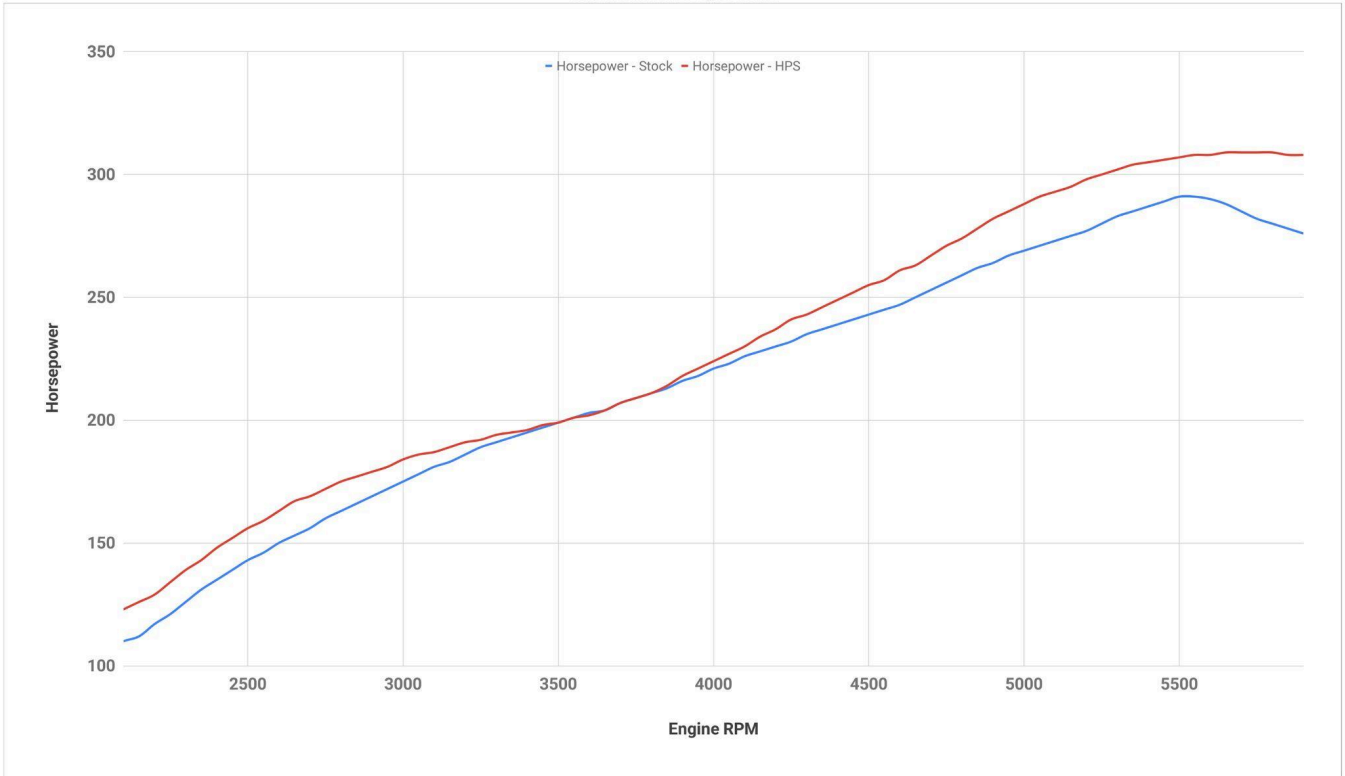
Periodically, recheck the alignment of the intake kit and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.



HPS Performance Air Intake Kit with Heat Shield (827 Series)
2021-2025 Acura TLX Type S 3.0L Turbo
Part Number: 827-783

Maximum Horsepower Gains = 19 whp @ 5000 rpm

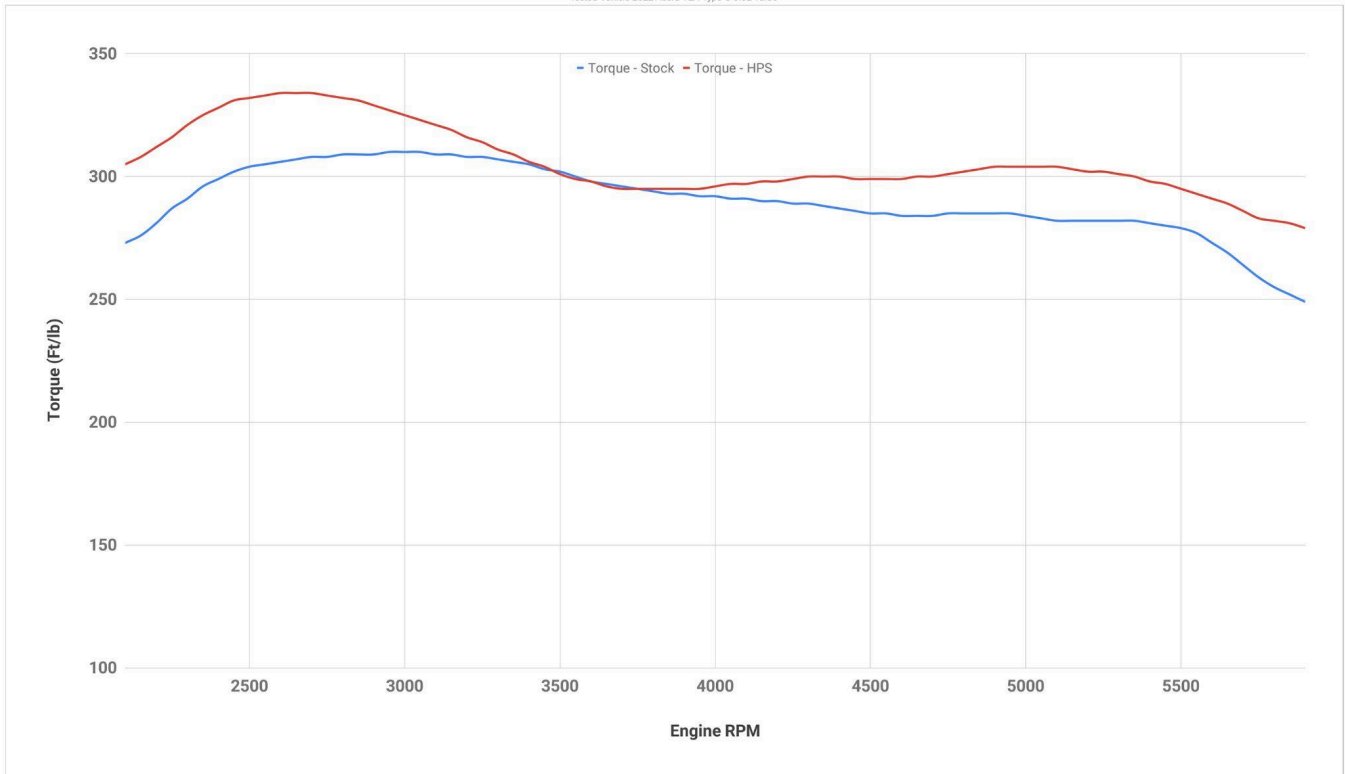
Tested Vehicle 2022 Acura TLX Type S 3.0L Turbo



HPS Performance Air Intake Kit with Heat Shield (827 Series)
2021-2025 Acura TLX Type S 3.0L Turbo
Part Number: 827-783

Maximum Torque Gains = 20 ft/lb @ 5000 rpm

Tested Vehicle 2022 Acura TLX Type S 3.0L Turbo



**Also available for
2021-2025 Acura TLX Type S 3.0L**



HPS Aluminum Oil Catch Can Kit
Part Number [860-017](#)



HPS Performance Replacement Air Filter
For Intake Kit 827-717
Part Number [HPS-4302](#)



HPS Performance Air Filter Cleaning Kit
[Part Number HPS-AFRC](#)



HPS Magnetic Oil Drain Plug
Part Number [MDP-M14x150](#)

Contact an authorized HPS Performance dealer or
visit us at [hpsperformance.com](https://www.hpsperformance.com) for more details