



Performance Air Intake Kit

Part Number: 827-731

Acura 2021-2024 TLX 2.0L Turbo

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: 827-731

| Line # | Description | Part Number | Qty |
|--------|--|-------------------|------------|
| 1 | Air Intake Pipe | 529-931 | 1 |
| 2 | Heat Shield | 531-933 | 1 |
| 3 | Heat Shield Lid | 531-934 | 1 |
| 4 | "L" Bracket | 530-412 | 2 |
| 5 | "C" Bracket | 530-934 | 1 |
| 6 | HPS Performance Air Filter | HPS-4332 | 1 |
| 7 | Reducer Coupler, 3.00" - 3.25", 2.25" Long | P3SR-300-325-L225 | 1 |
| 8 | Embossed Hose Clamp, 70mm- 90mm | EMSC-70-90 | 1 |
| 9 | Embossed Hose Clamp, 80mm - 100mm | EMSC-80-100 | 1 |
| 10 | Bolt, M4 x 0.7, 8mm Long | HW-B4-8 | 2 |
| 11 | Bolt, M5 x 0.8, 14mm Long | HW-B5-8H | 6 |
| 12 | Bolt, M6 x 1.0, 16mm Long | HW-B6-16 | 3 |
| 13 | Flange Nut, M6 | HW-N6 | 5 |
| 14 | Flat Washer, M6, 16mm OD | HW-FW6L | 8 |
| 15 | Rubber Vibration Mount, M6, 0.5" Tall | HW-RM6-50 | 2 |
| 16 | Bubble Edge Trim | 7750B2X1/16C | 15 inches |
| 17 | Thin Edge Trim | 75B7X1/16 | 9.5 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.**
- **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.

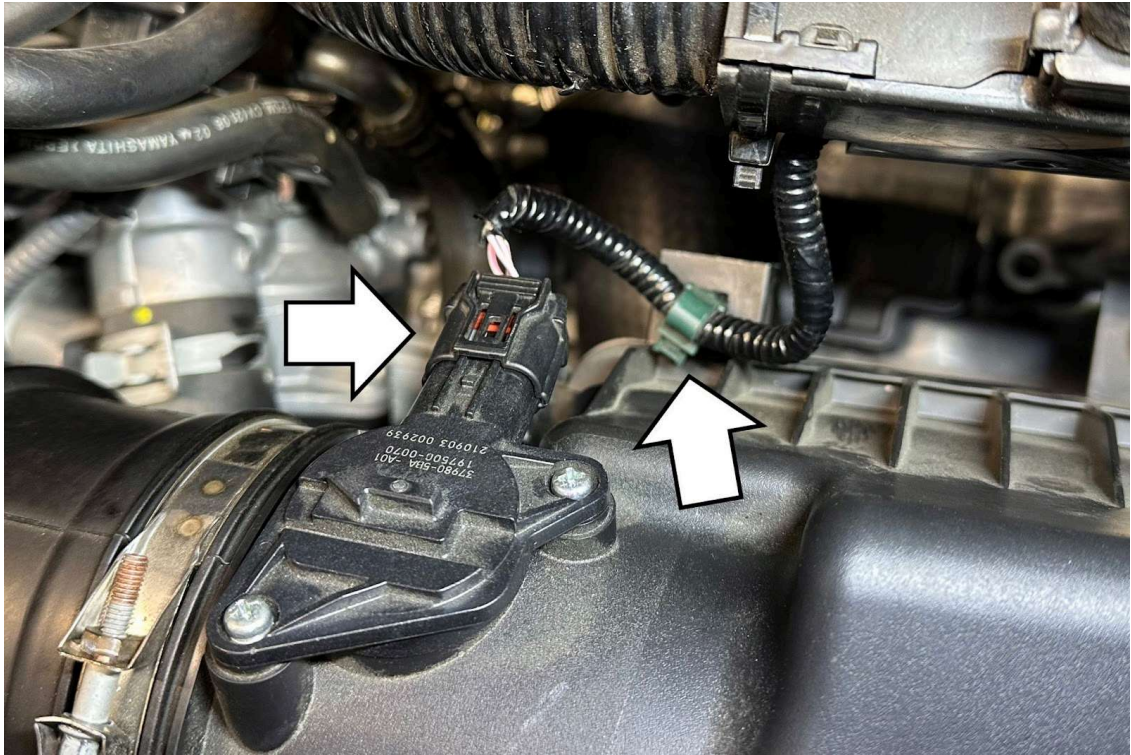
GETTING STARTED

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.

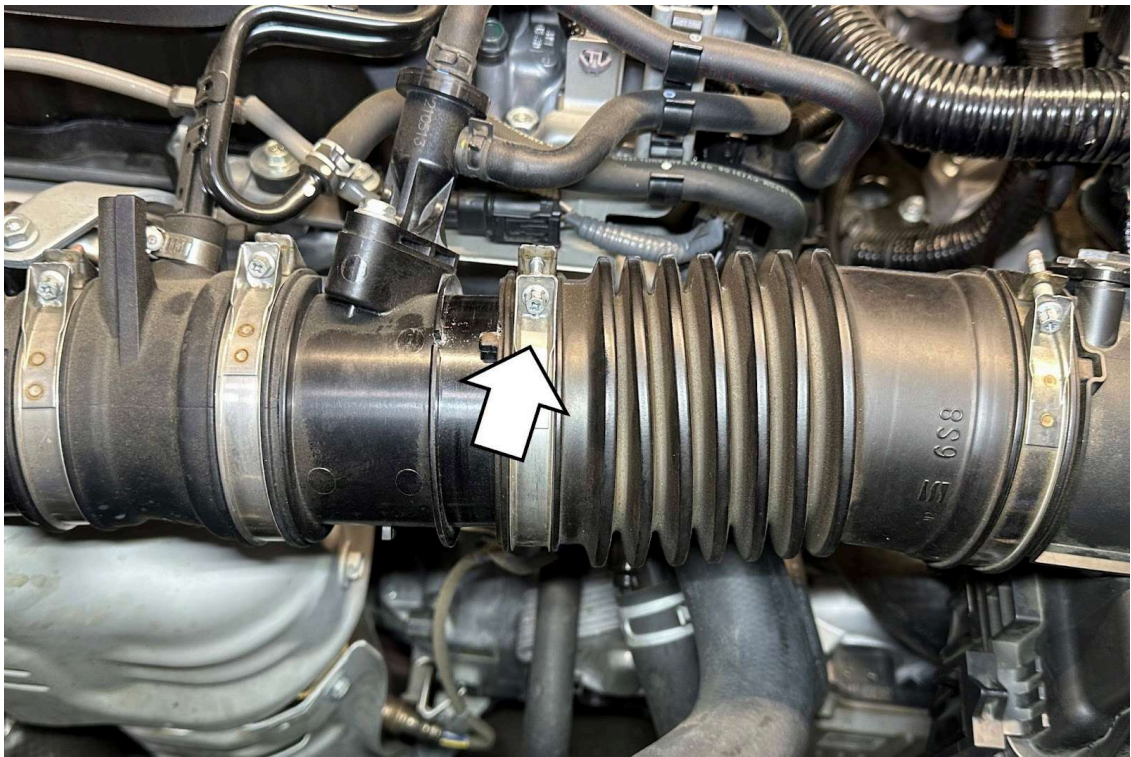
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



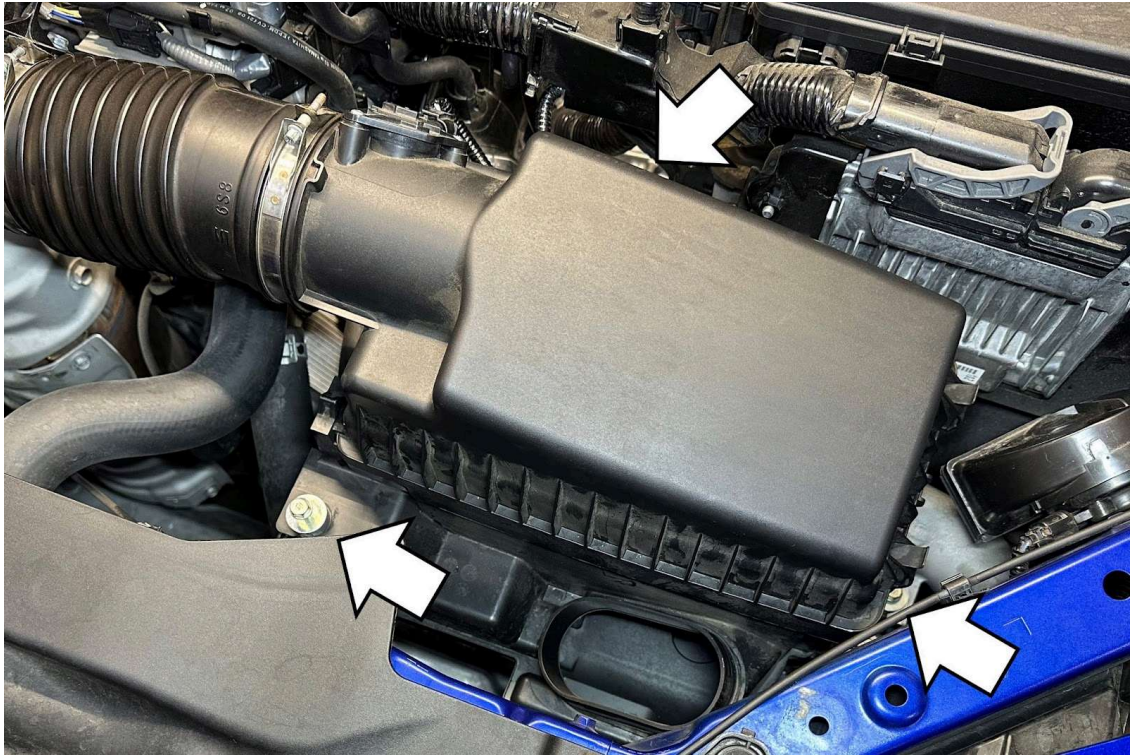
2. Using a flathead screwdriver, remove the plastic clip securing the factory air duct. Separate the air duct from the radiator cover and lower airbox assembly and remove it from the vehicle.



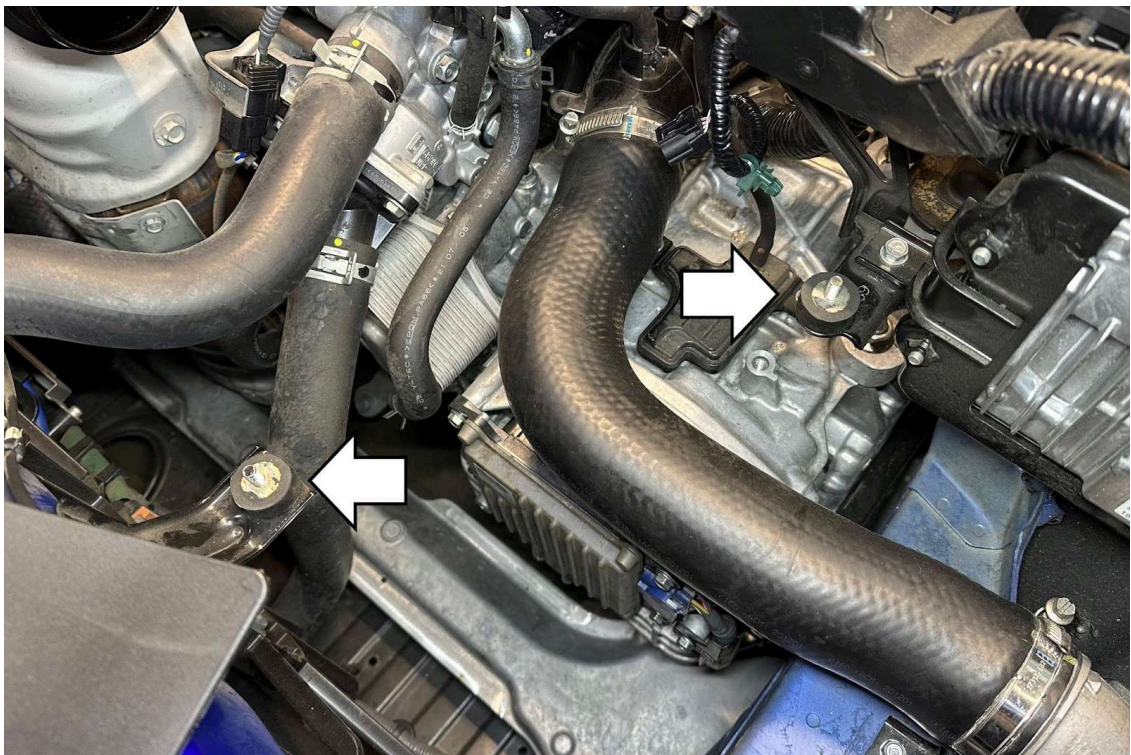
3. Unplug the mass air flow sensor and unclip the harness from the airbox.



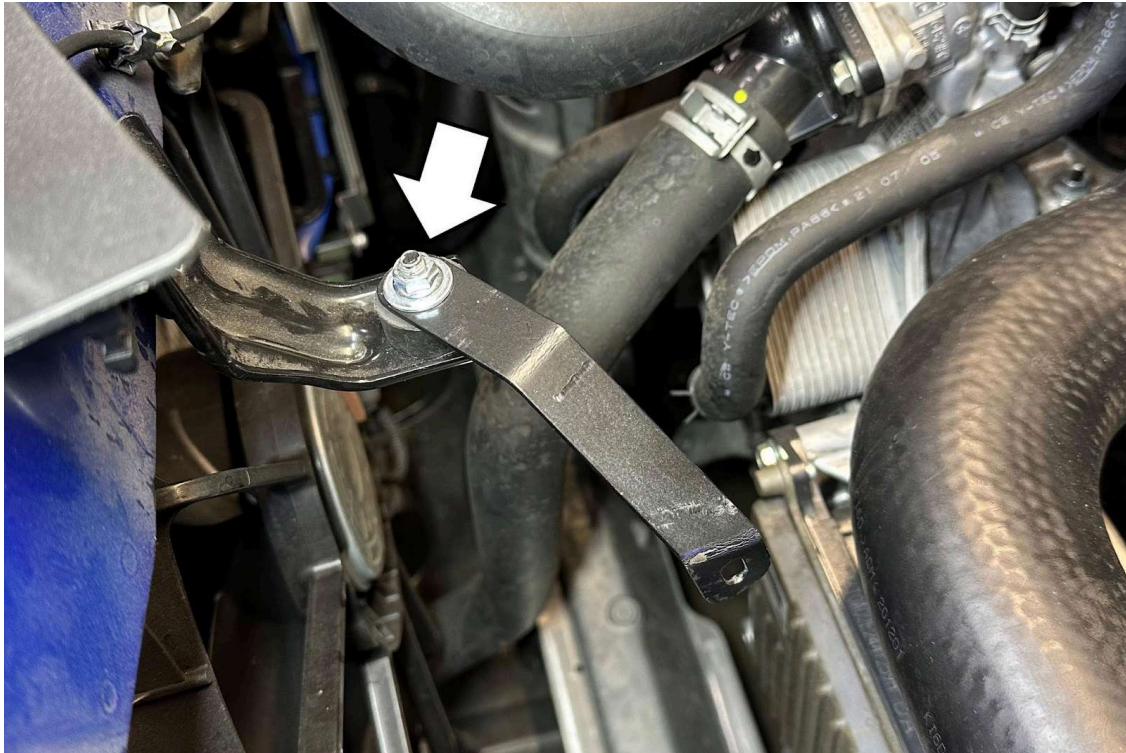
4. Using a 5.5mm socket or a Phillips screwdriver, loosen the clamp to disconnect the intake tube from the turbo inlet housing.



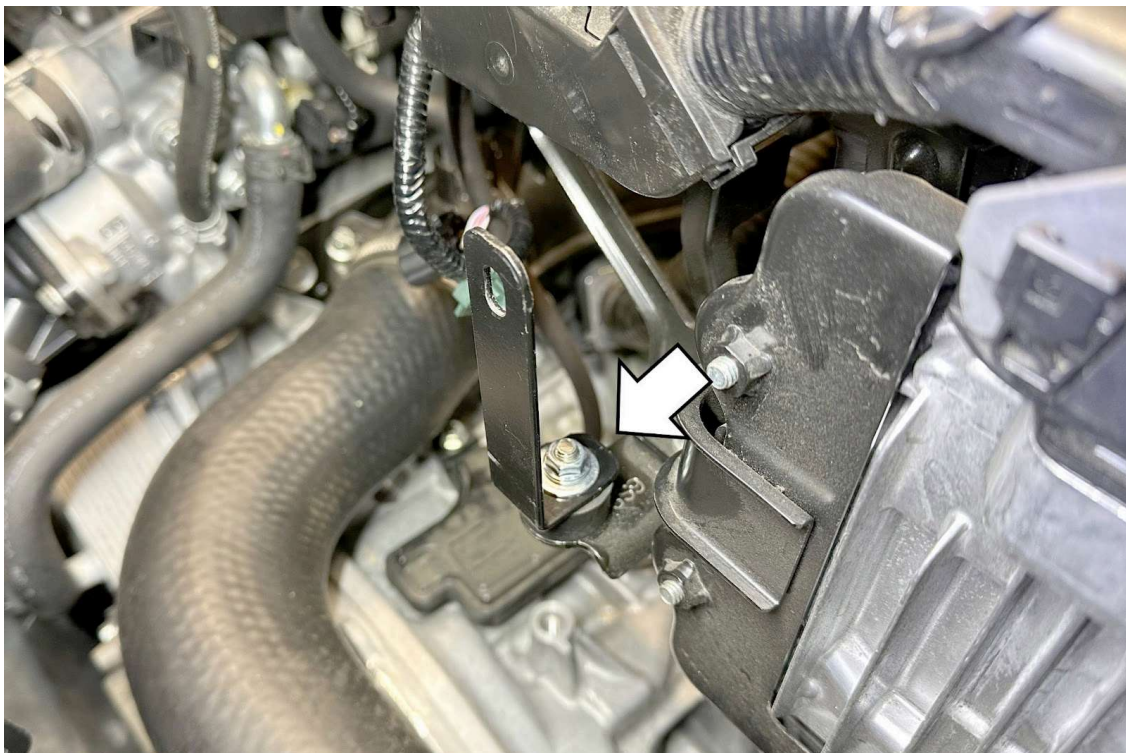
5. Loosen the three 10mm bolts securing the airbox assembly to remove the airbox and intake tube from the vehicle.



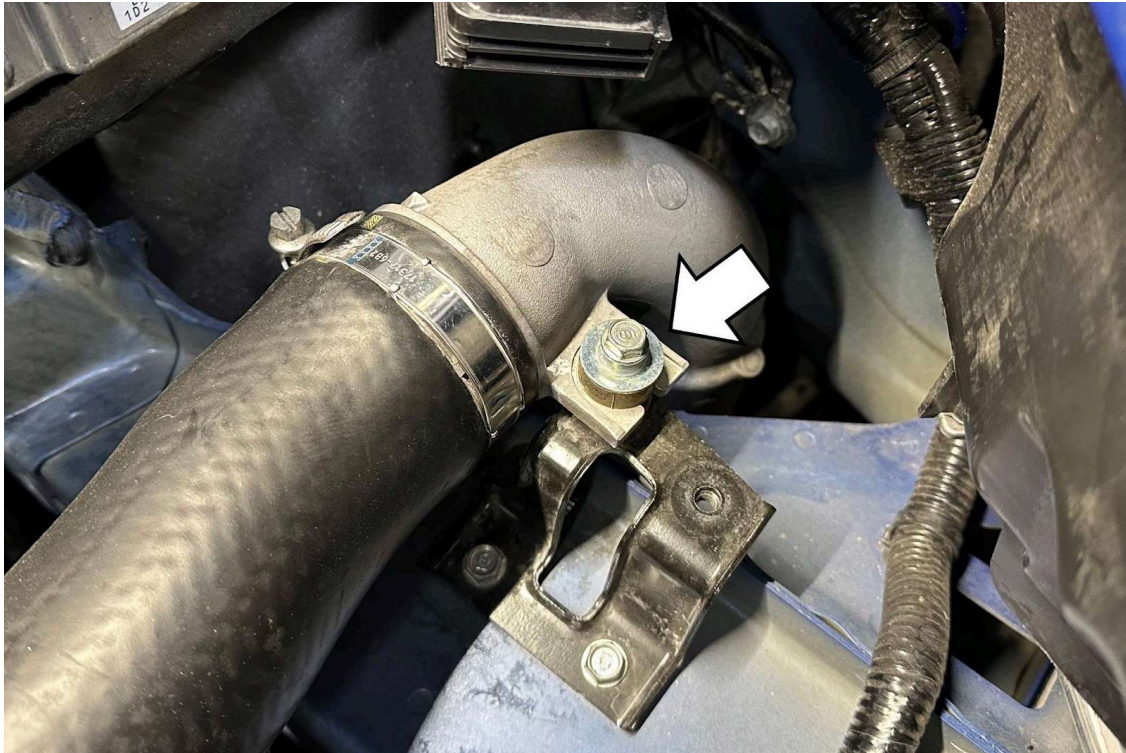
6. Install the two provided vibration mounts onto the factory airbox mounts as shown.



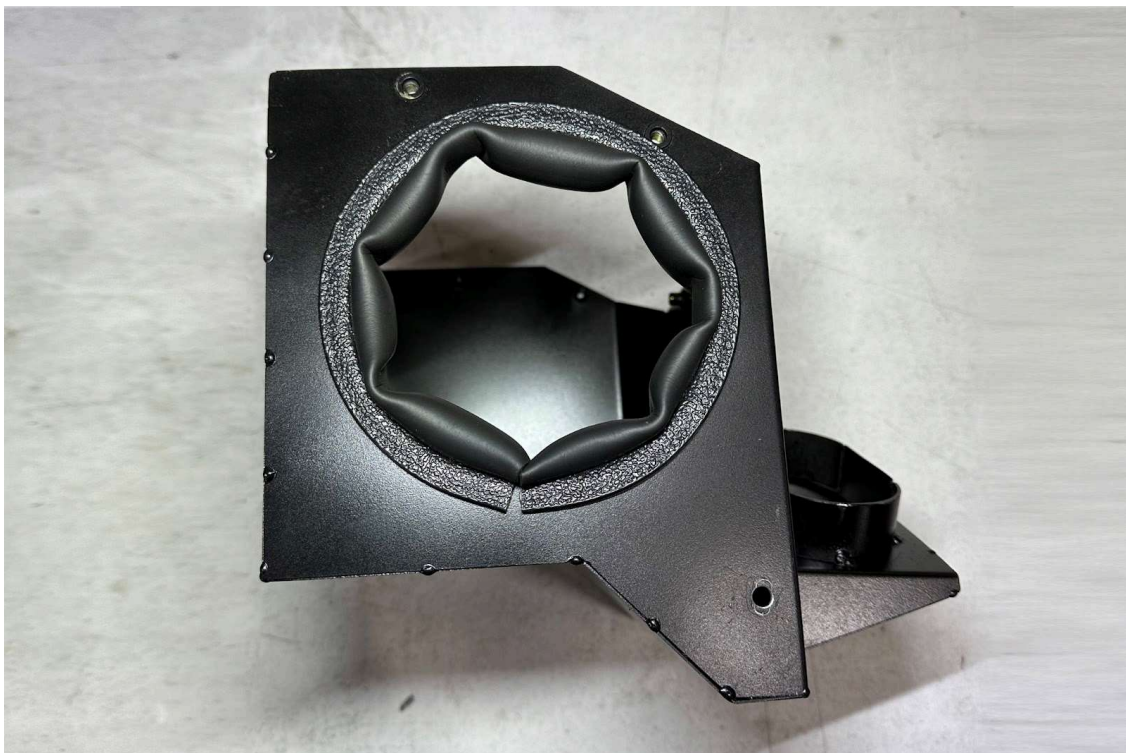
7. Loosely install the "C" bracket onto the vibration mount at the front of the vehicle using the provided M6 nut and washer as shown above.



8. Next, loosely install one of the "L" brackets onto the second vibration mount using the provided M6 nut and washer as shown above.



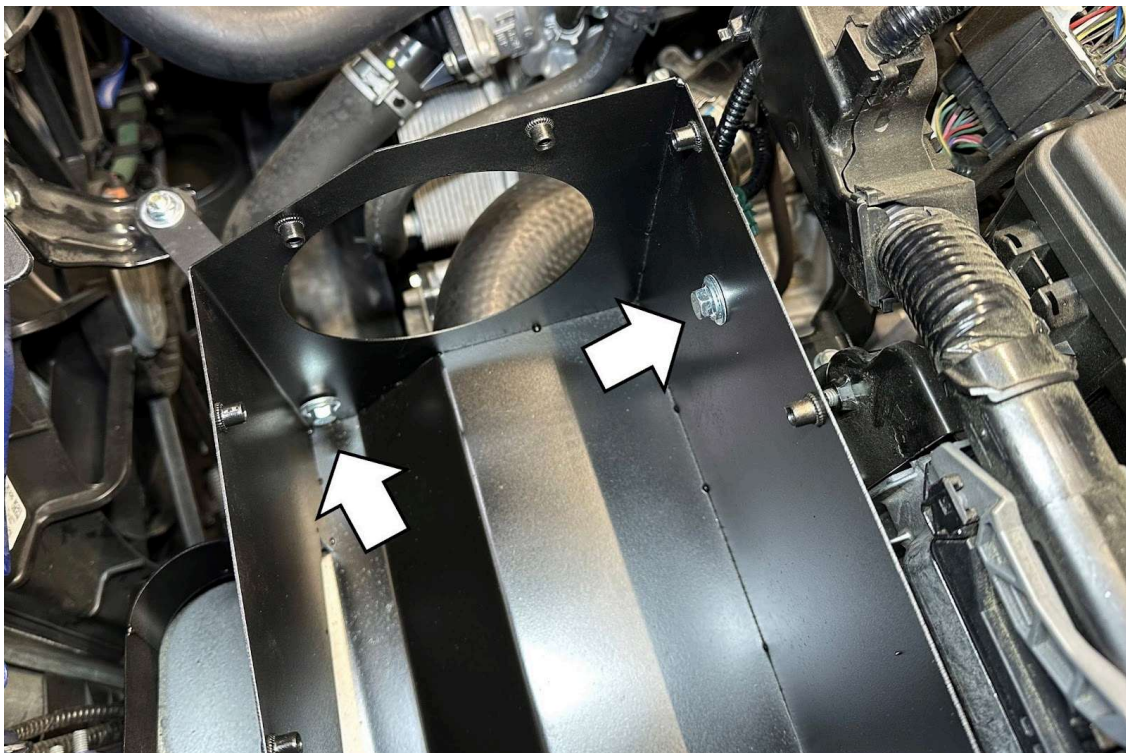
9. Use a 10mm socket to loosen and remove the bolt securing the charge pipe elbow to the bracket. The bolt will be reused in a later step.



10. Install the bubble edge trim onto the opening on the heat shield.



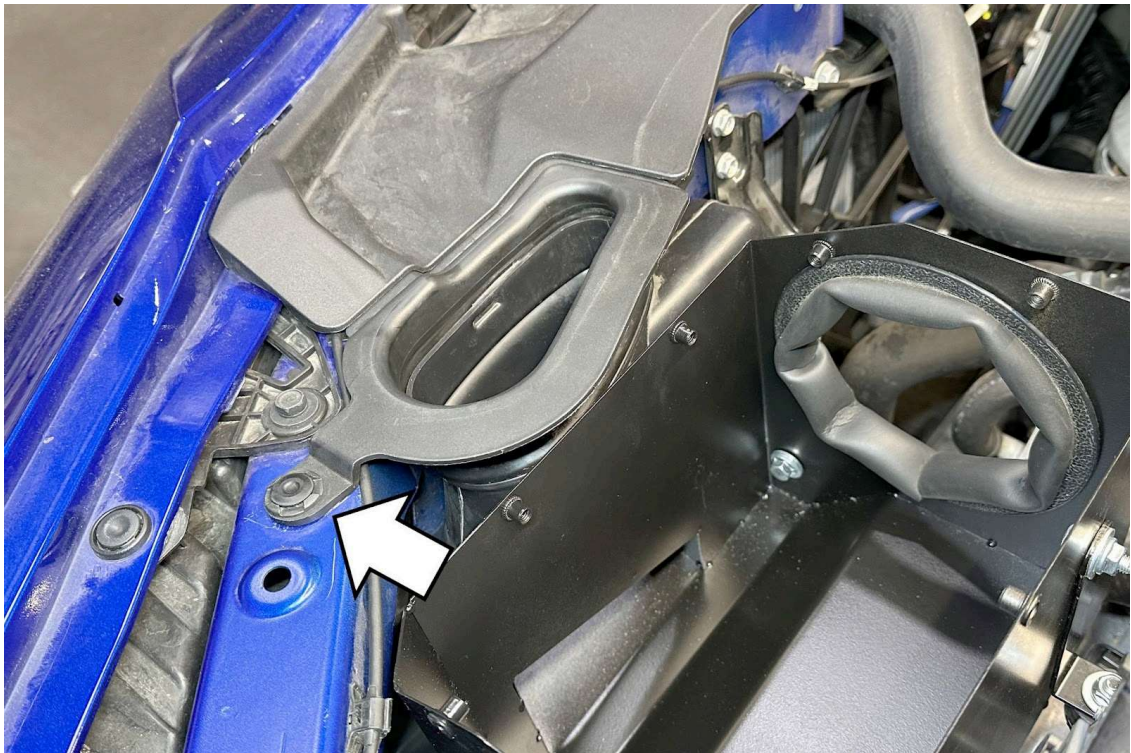
11. Install and secure the remaining "L" bracket onto the heat shield using the provided M6 bolt, nut, and two washers.



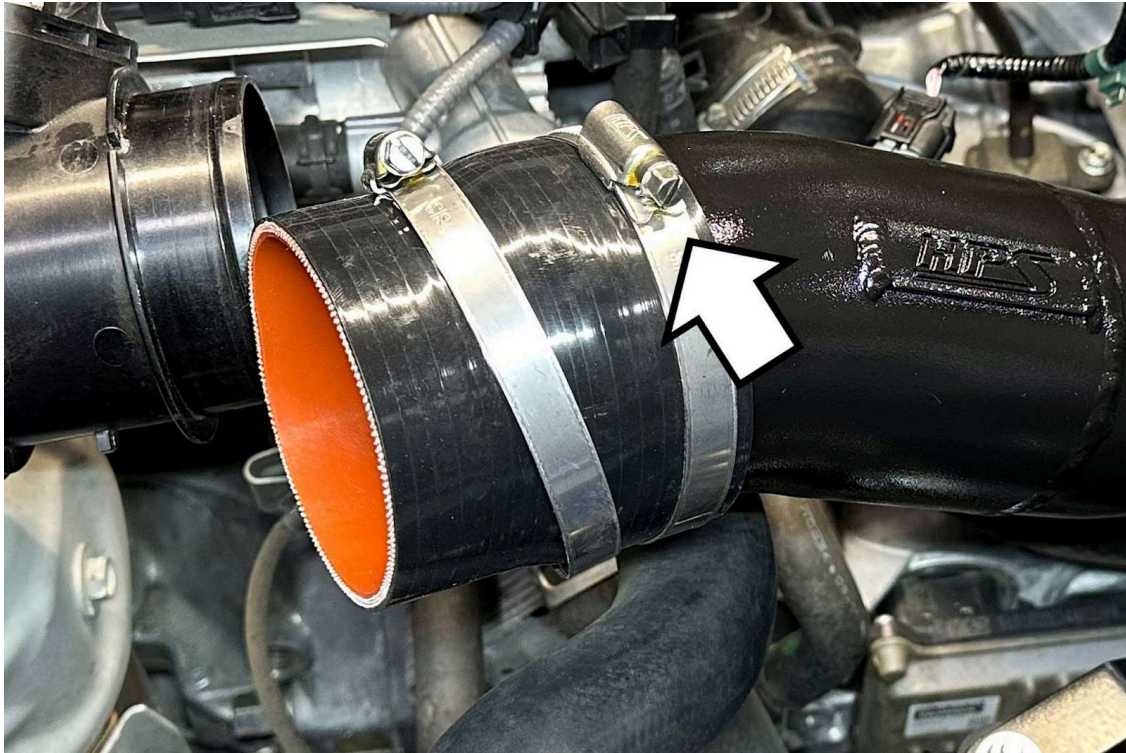
12. Place the heat shield into position. Secure the two brackets to the heat shield using the provided (2) M6 bolts, (4) washers, and (2) nuts.



13. Secure the last bracket onto the charge pipe elbow bracket using the bolt removed in step 9.



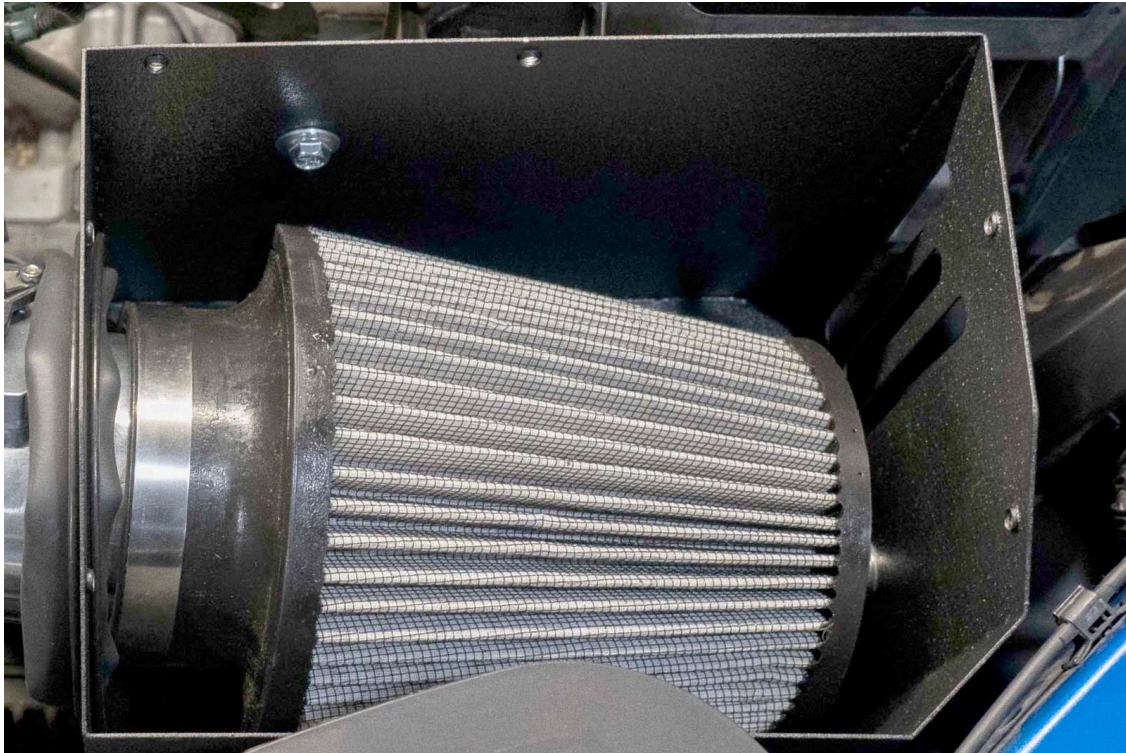
14. Reinstall the factory air duct back into the vehicle.



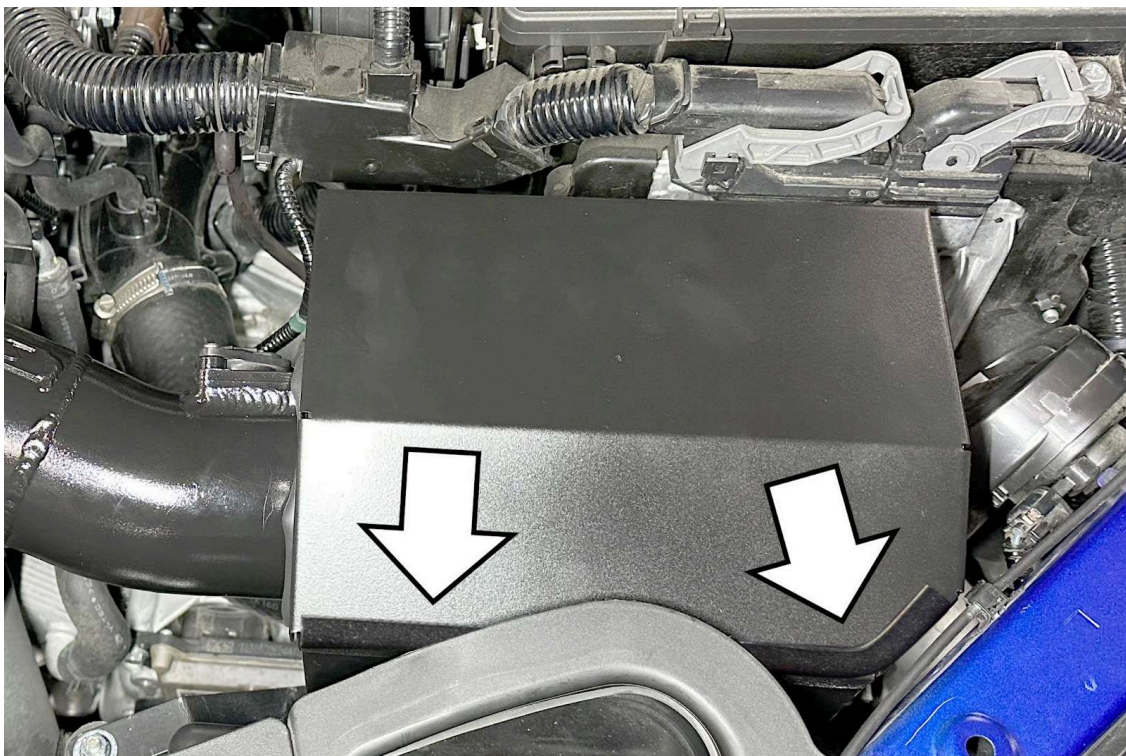
15. Slip the reducer coupler and clamps onto the end of the pipe. At this time, only tighten the clamp that secures the coupler to the pipe.



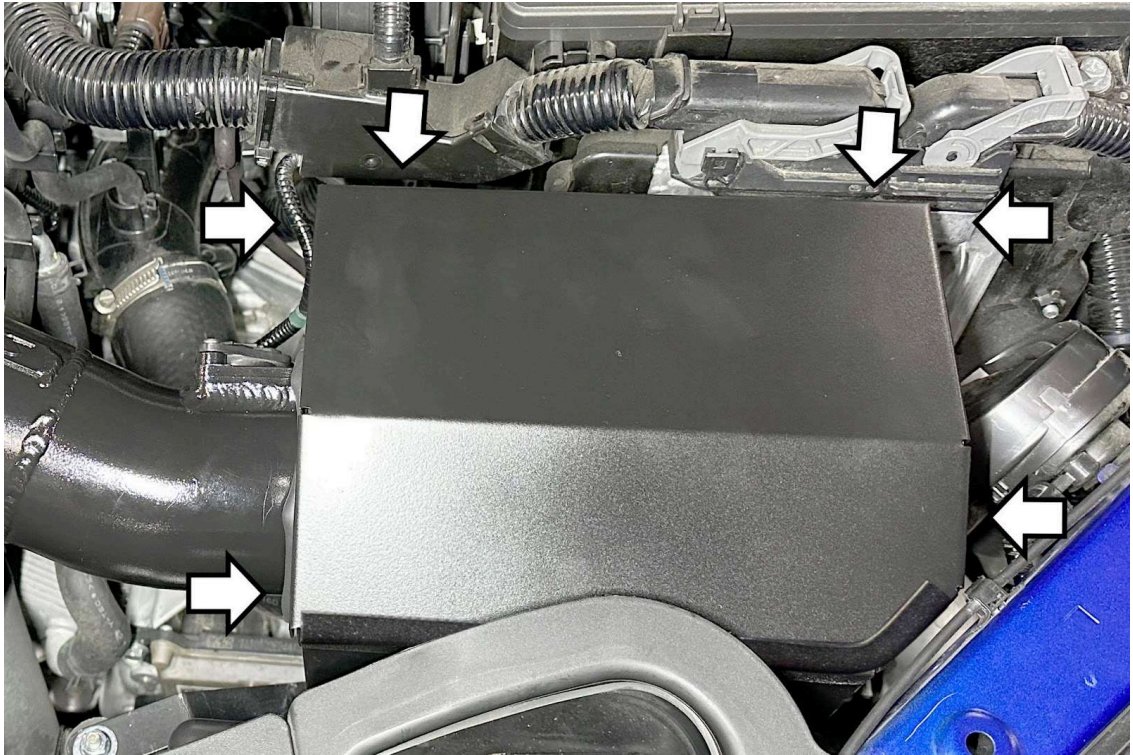
16. Insert the HPS intake (MAF sensor side) into the heat shield. Then, attach the silicone coupler onto the turbo inlet.



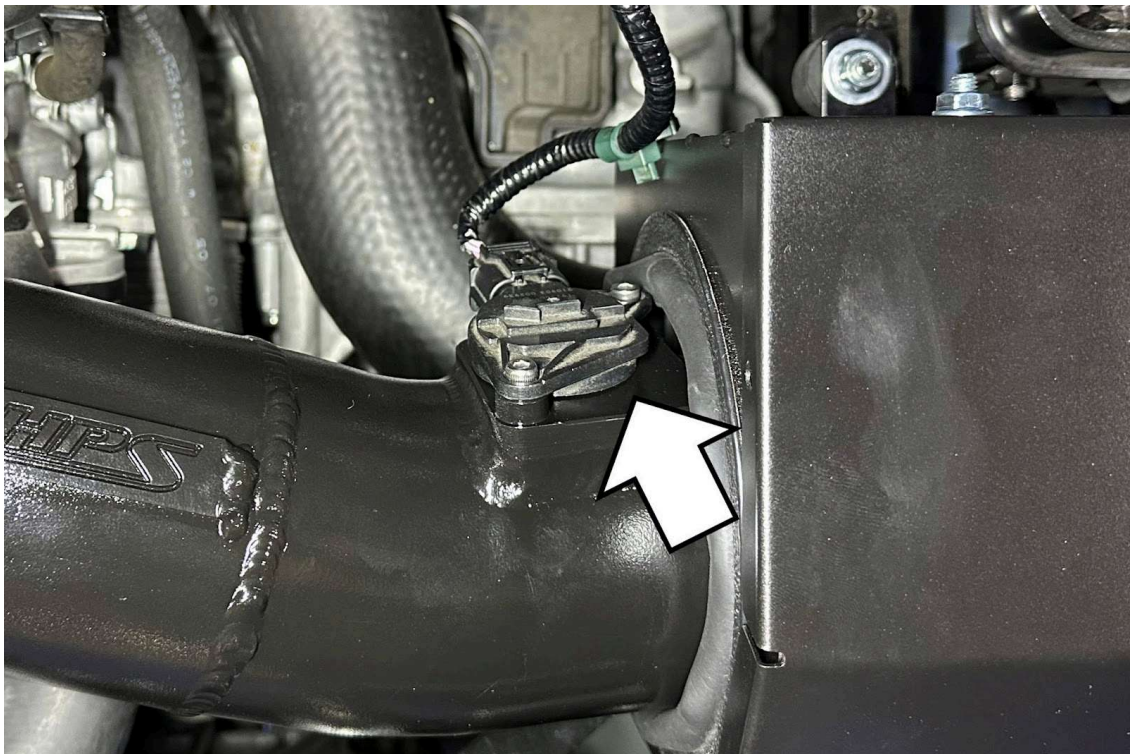
17. Install the HPS Performance Air Filter and tighten all clamps once the intake is positioned.



18. Install the edge trim onto the front edge of the provided lid. Once the edge trim is installed, place the heat lid onto the heat shield as shown.



19. Secure the lid onto the heat shield using the six provided M5 bolts.



20. Use a Phillips screwdriver to remove the MAF sensor from the stock airbox and install it onto the HPS intake pipe with a 3mm Allen key using the two provided M4 Allen bolts. Then, reconnect the MAF sensor harness.

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.

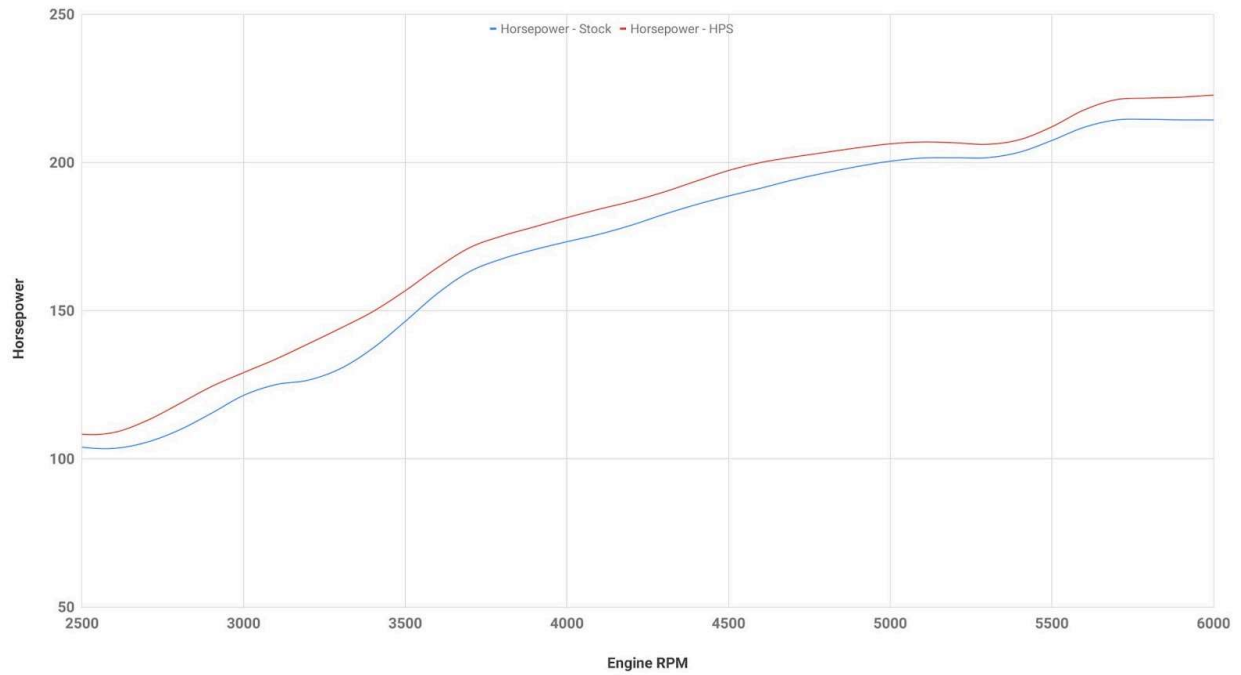
Periodically, recheck the alignment of the intake kit and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.



HPS Performance Air Intake Kit with Heat Shield (827 Series)
2021-2024 Acura TLX 2.0L Turbo
Part Number: 827-731

Maximum Horsepower Gains = 10.4 whp @ 3500 rpm

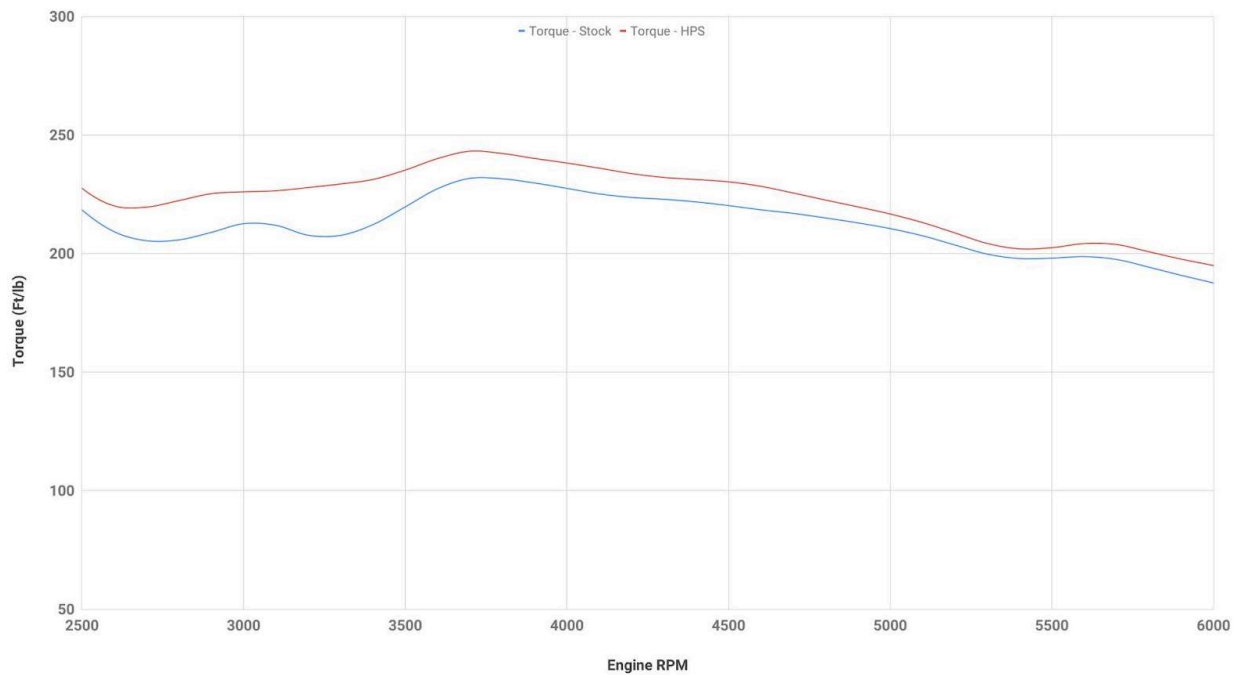
Tested Vehicle 2021 Acura TLX 2.0L Turbo



HPS Performance Air Intake Kit with Heat Shield (827 Series)
2021-2024 Acura TLX 2.0L Turbo
Part Number: 827-731

Maximum Torque Gains = 15.6 ft/lb @ 3500 rpm

Tested Vehicle 2021 Acura TLX 2.0L Turbo



**Also available for:
Acura 2021-2024 TLX 2.0L Turbo**



**HPS Performance Replacement Air Filter
For Intake Kit 827-731
Part Number [HPS-4332](#)**



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



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

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