



Performance Air Intake Kit

Part Number: 837-778

Subaru 2008-2014 Impreza WRX 2.5L Turbo
Subaru 2008-2014 Impreza WRX STI 2.5L Turbo
Subaru 2009-2010 Impreza 2.5 GT 2.5L 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: 837-778

Line #	Description	Part Number	Qty
1	Upper Air Intake Pipe	529-267	1
2	Lower Air Intake Pipe	529-268	1
3	Heat Shield Bracket, "L", Large	530-251	1
4	Heat Shield Bracket, Flat	530-92	1
5	Heat Shield Bracket, "L", Small	530-238	1
6	Intake Bracket	530-269	1
7	Heat Shield	531-958	1
8	Heat Shield Lid	531-959	1
9	HPS Performance Air Filter	HPS-4276	1
10	Reducer Coupler, 2-3/4" - 3" ID, 3" Long	P3SR-275-300-L3	1
11	Straight Coupler, 3" ID, 2" Long	P3SC-300-L2	1
12	T-Bolt Clamp, 73mm - 81mm	SSTC-73-81	1
13	T-Bolt Clamp, 70mm - 87mm	SSTC-79-87	3
14	Bolt, M6 x 1.0, 16mm Long	HW-B6-16	3
15	Flat Washer, M6, 16mm OD	HW-FW6L	9
16	Bolt, M4 x 0.7, 8mm Long	HW-B4-8	2
17	Flange Nut, M6	HW-N6	6
18	Bolt, M5 x 0.8, 8mm Long	HW-B5-8H	5
19	Rubber Vibration Mount, M6, 1/2" Tall	HW-RM6-50	1
20	Rubber Vibration Mount, M6, 1" Tall	HW-RM6-100	1
21	Rubber Vibration Mount, M6, 3/4" Male-to-Female	HW-RM6-75-MF	1
22	Thin Edge Trim	75B7X1/16	12 inches
23	Bubble edge trim	7750B2X1/16C	40 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!

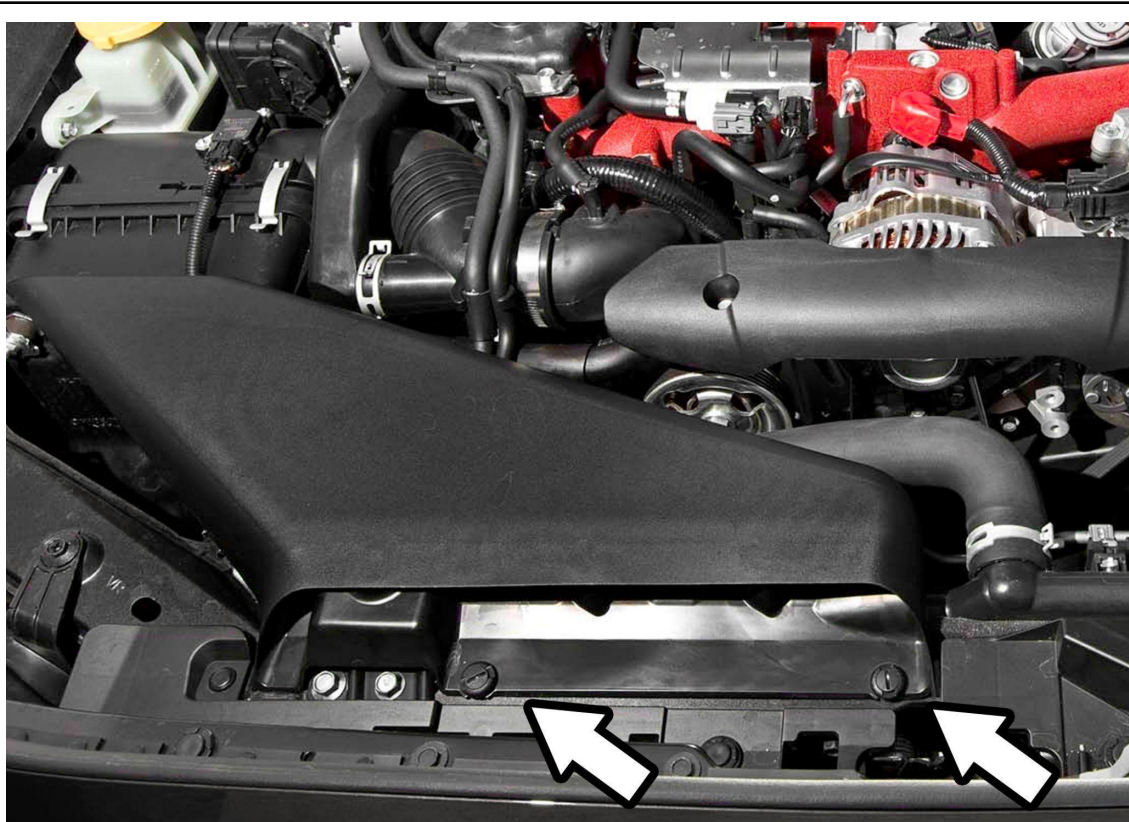
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

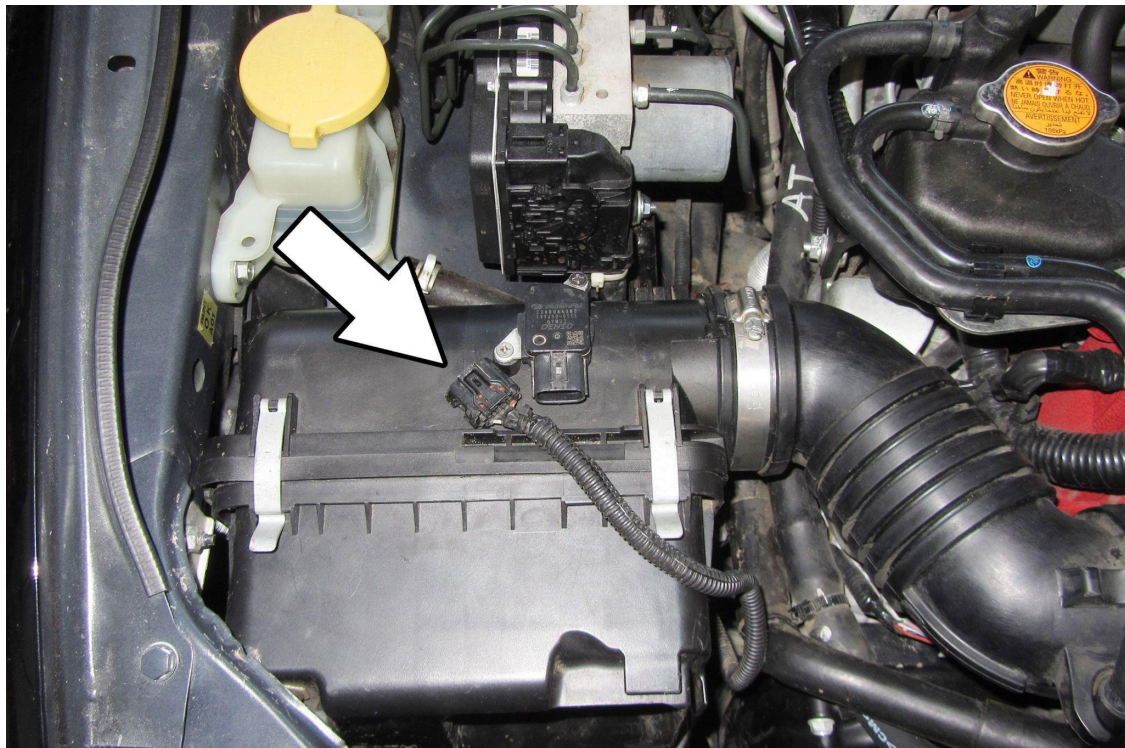
GETTING STARTED

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.

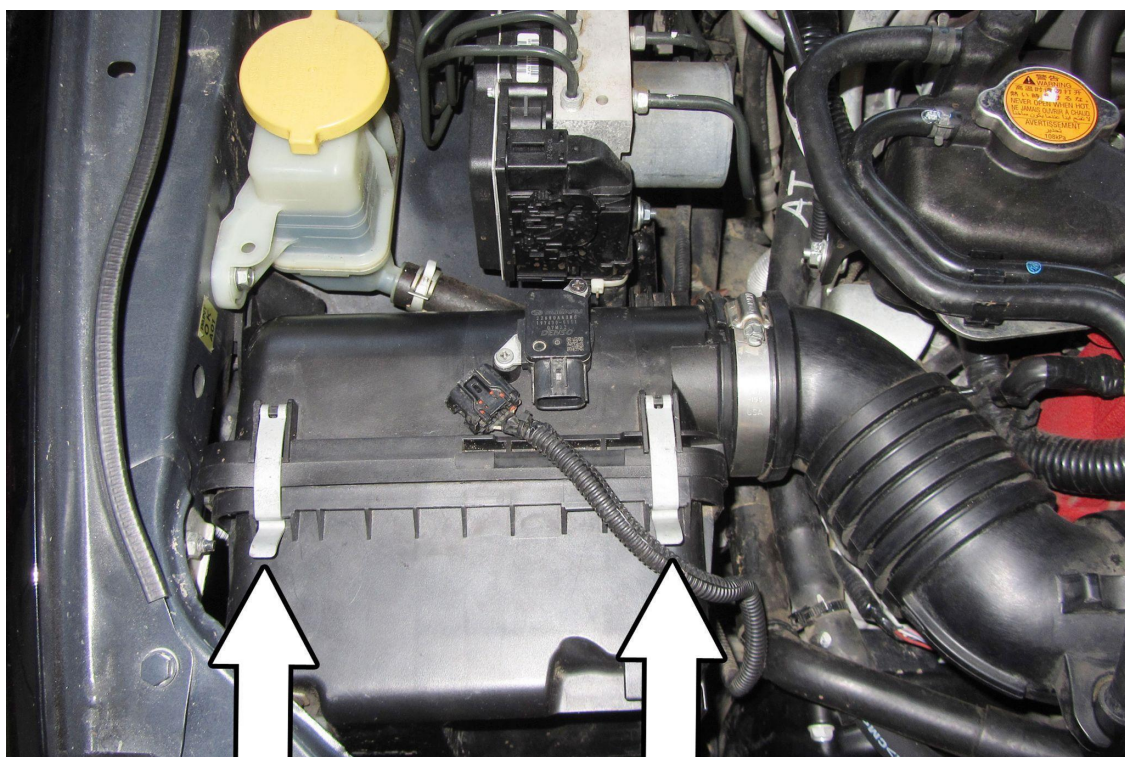
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



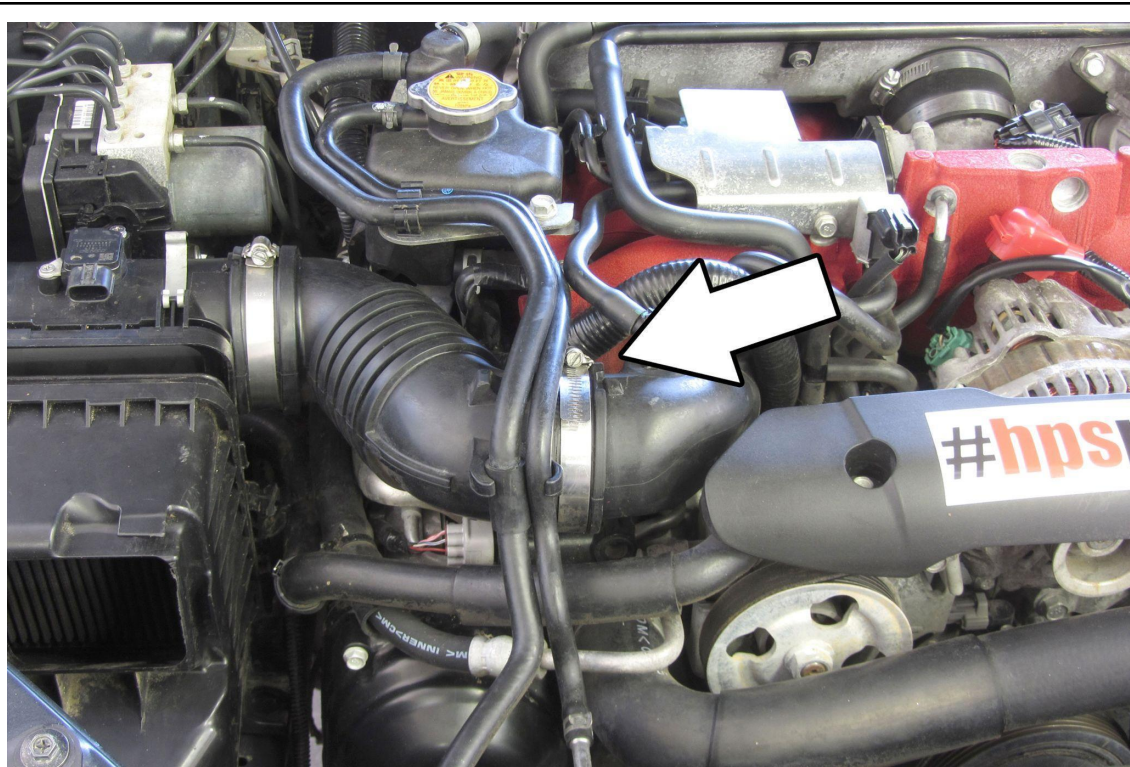
2. Use a flat screwdriver to remove the two plastic clips securing the air scoop. Remove the air scoop from the vehicle.



3. Disconnect the Mass Air Flow (MAF) sensor.



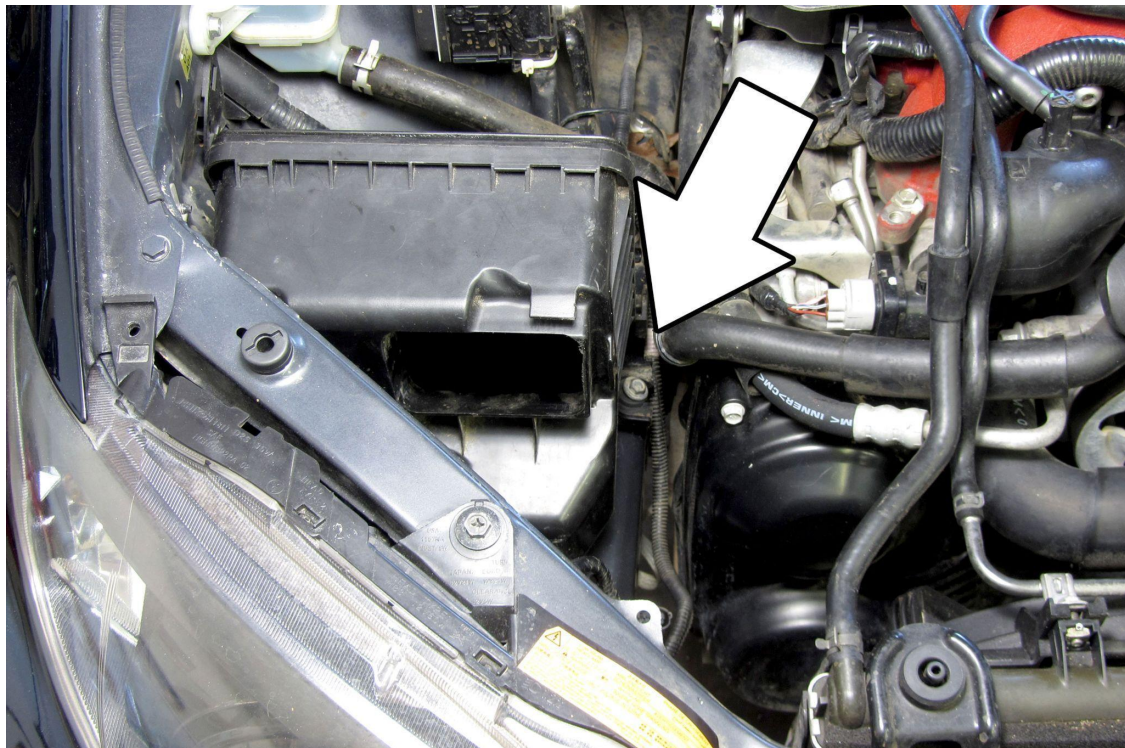
4. Unclip the upper air box.



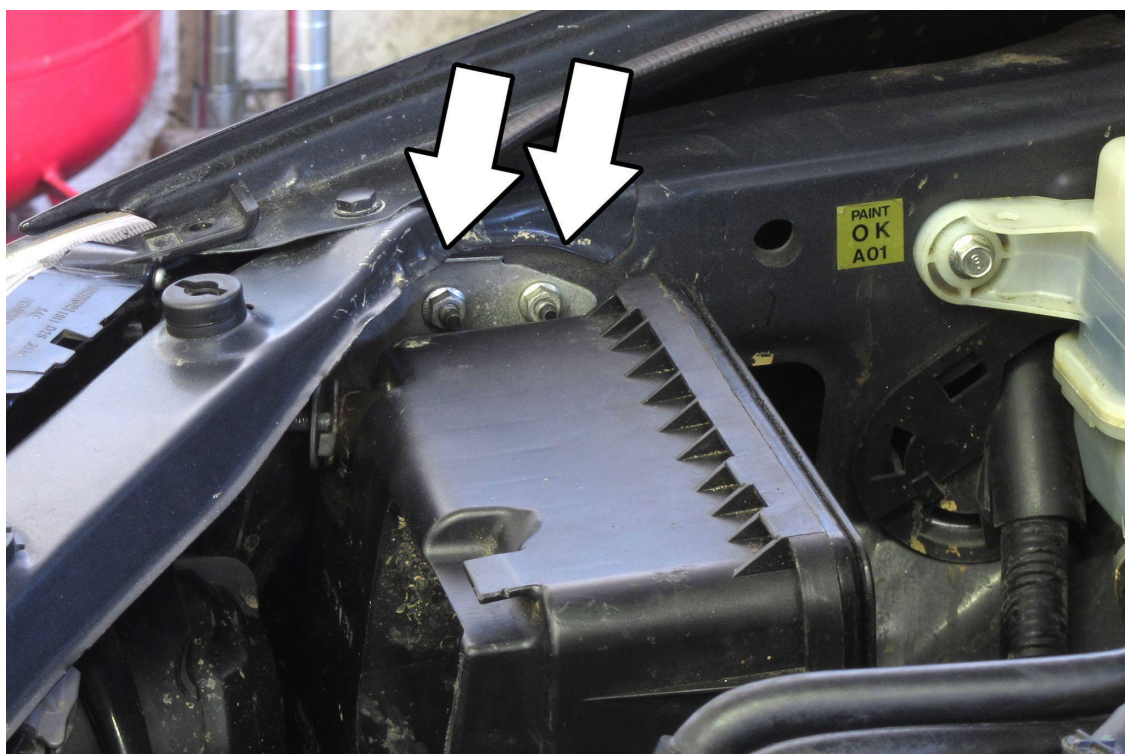
5. Loosen the hose clamp on the factory intake hose and disconnect the intake hose from the turbo inlet. Then separate the two hoses from the intake hose.



6. Remove the upper air box and factory intake hose from the engine bay.



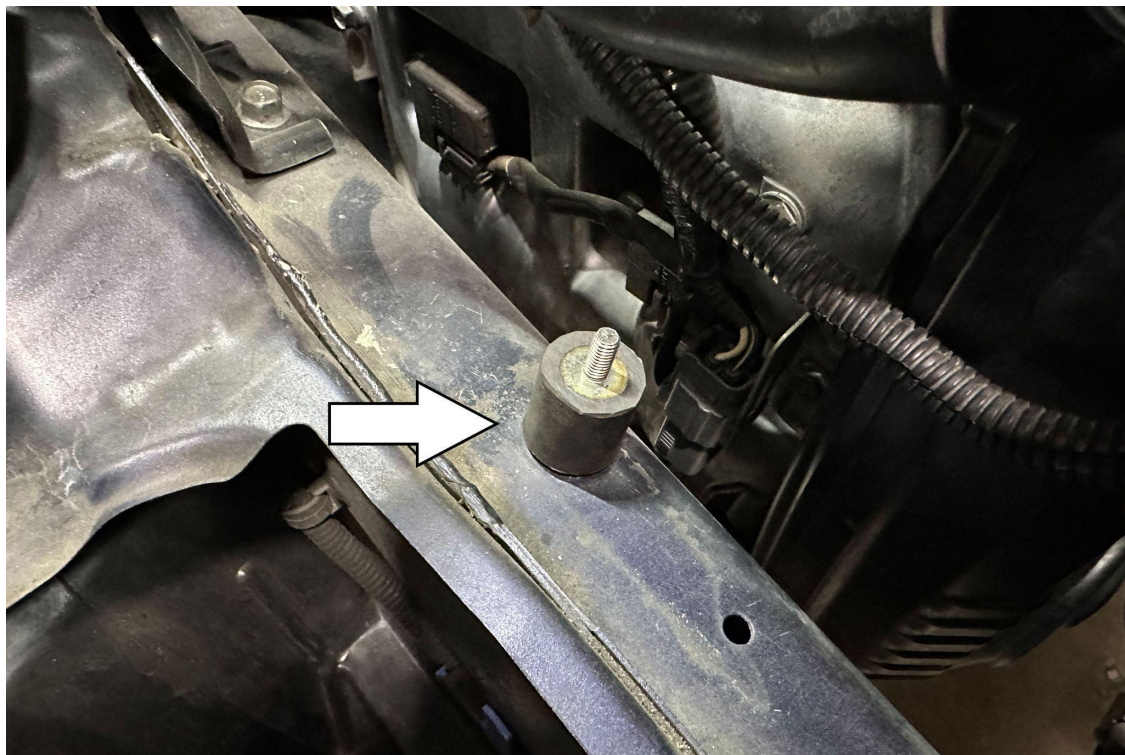
7. Remove the bolt securing the lower air box to the frame rail.



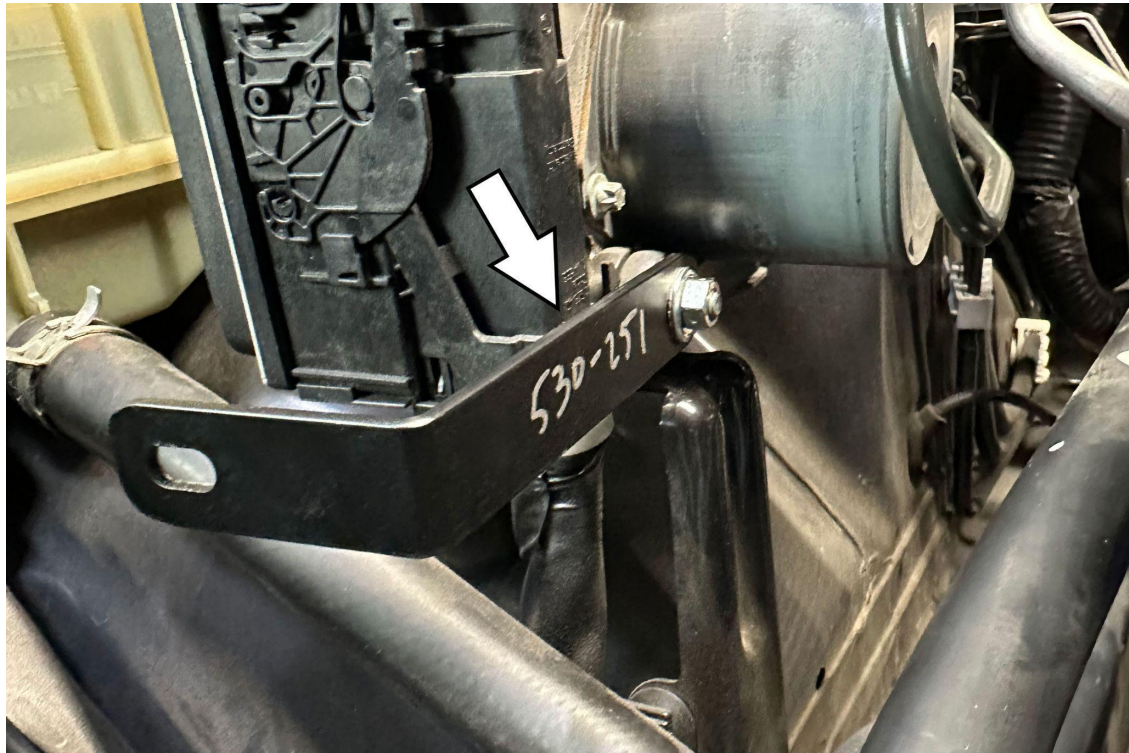
8. Remove the two nuts securing the lower air box along the fender.



9. Remove the lower air box from the engine bay.



10. Install the 1" tall M6 vibration mount onto the stock air box mounting point on the frame rail.



11. Remove the nut on the ABS unit and install the large "L" bracket as shown in the picture above. Secure the bracket using the factory nut.



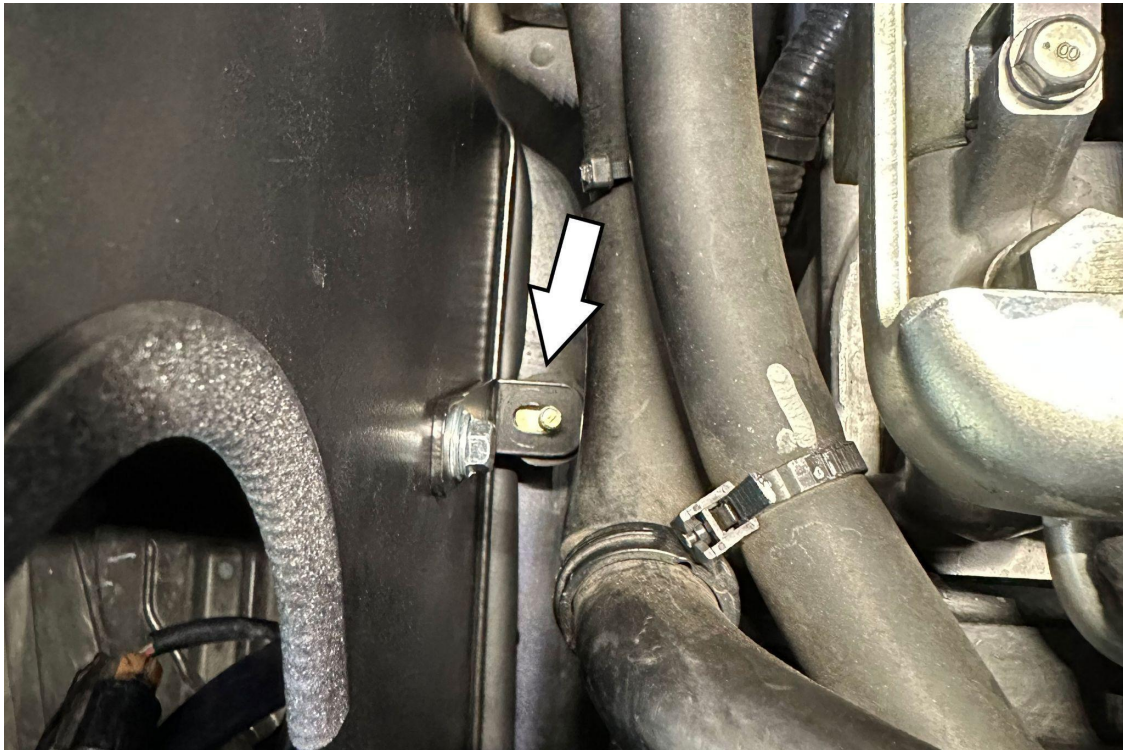
12. Install the 3/4" male to female M6 rubber vibration mount onto the air box mounting point along the fender.



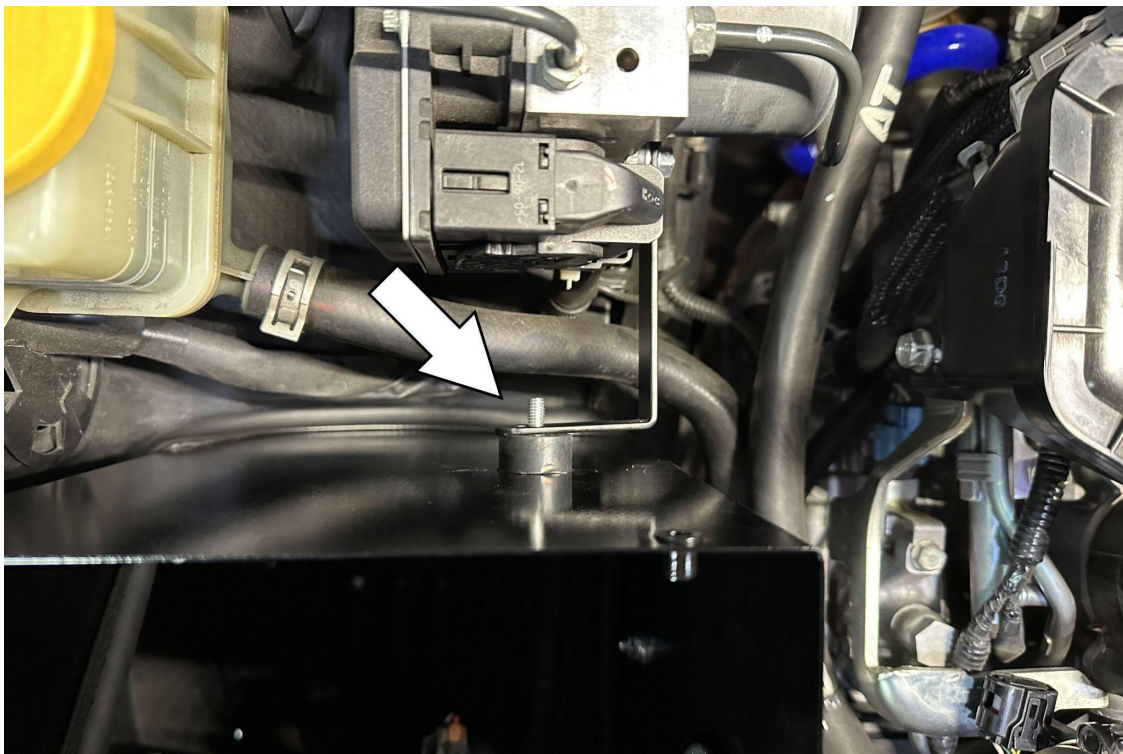
13. Install the thin edge trim in the circular opening and bubble edge trim onto the bottom of the heat shield.



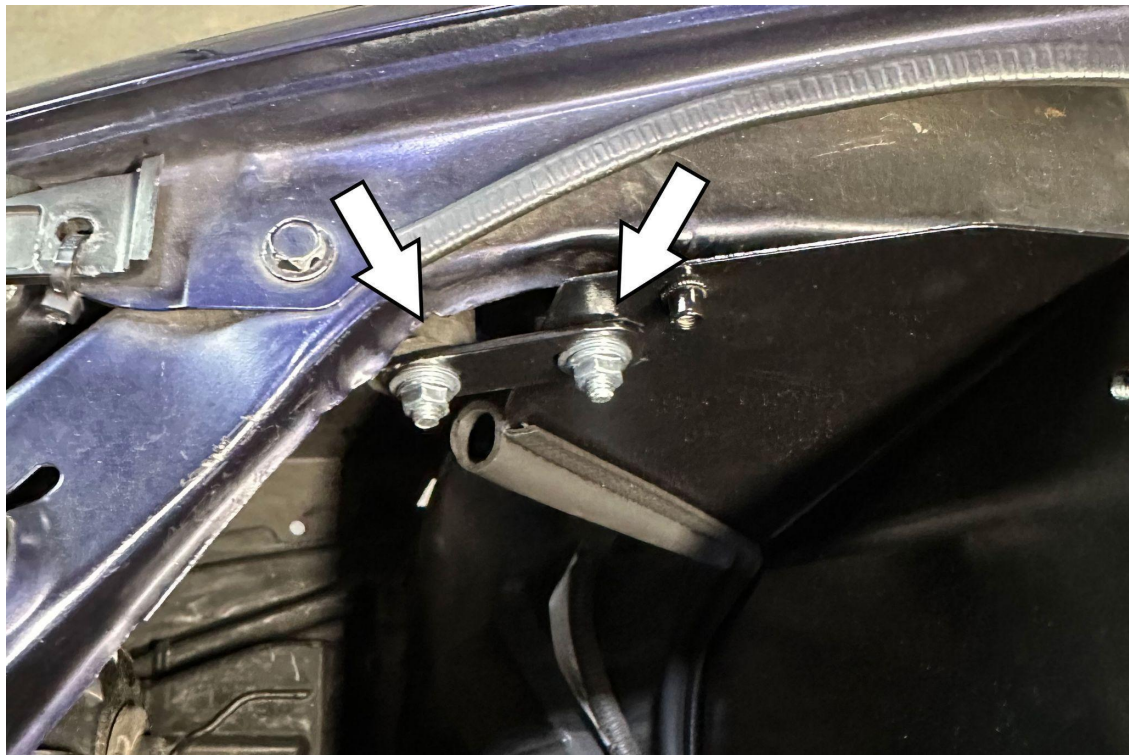
14. Secure the provided smaller "L" bracket onto the heat shield using the provided M6 nut, bolt, and two washers. Install the 1/2" tall M6 rubber vibration mount onto the heat shield using the provided M6 nut and washer.



15. Secure the heat shield to the 1" tall rubber vibration mount on the frame rail using the provided M6 nut and washer.



16. Secure the 1/2" rubber vibration mount on the heat shield onto the "L" bracket installed on the ABS unit using the provided M6 nut and washer.



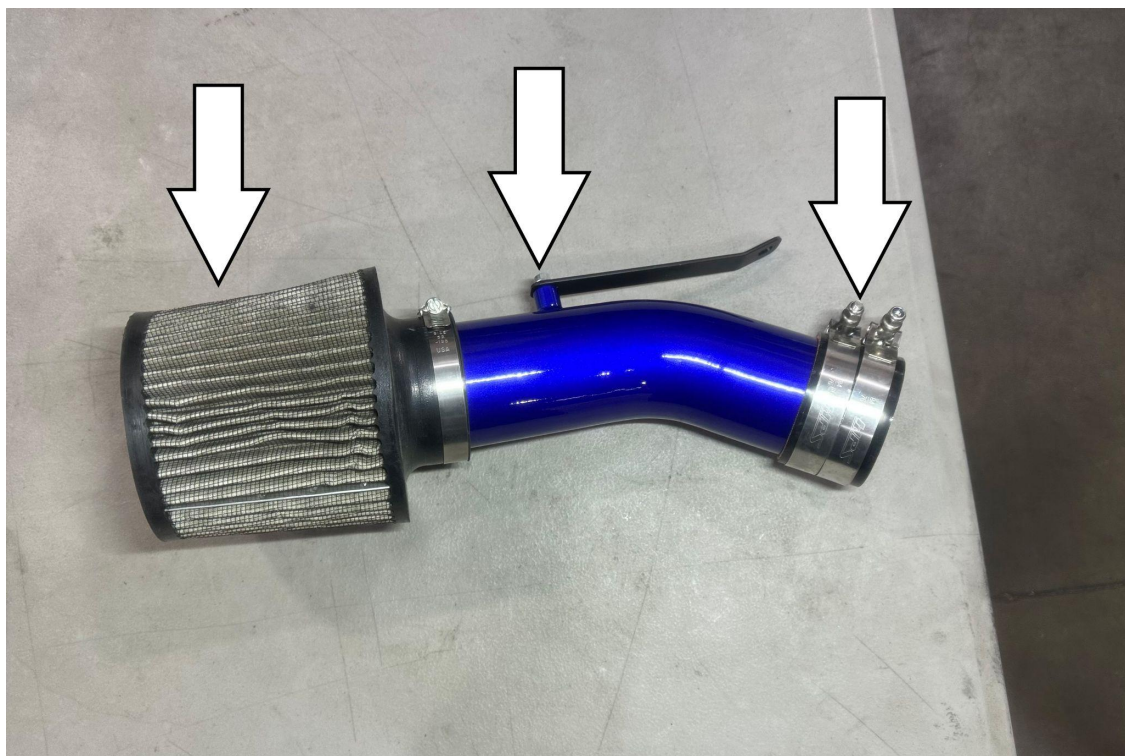
17. Install the flat heat shield bracket to the 3/4" male to female rubber vibration mount using a M6 nut and washer, then fasten the opposite side of the flat bracket to the heat shield using the provided M6 nut, two washers, and bolt.



18. Install the silicone reducer coupler and T-bolt clamps onto the turbo inlet.



19. Remove the MAF sensor from the factory air box and install it onto the HPS intake pipe using the two provided M4 Allen head bolts. Slip the angled side of the intake through the opening of the heat shield.



20. Attach the air filter, bracket with a washer and M6 bolt, and install the shorter coupler with two provided T-bolt clamps. Fully secure the T-bolt clamp holding the coupler to the intake pipe. Loosely install the outer T-bolt clamp.



21. Place the assembled intake pipe with the air filter into the heat shield. Then push the intake pipe with the MAF sensor into the coupler on the turbo inlet.



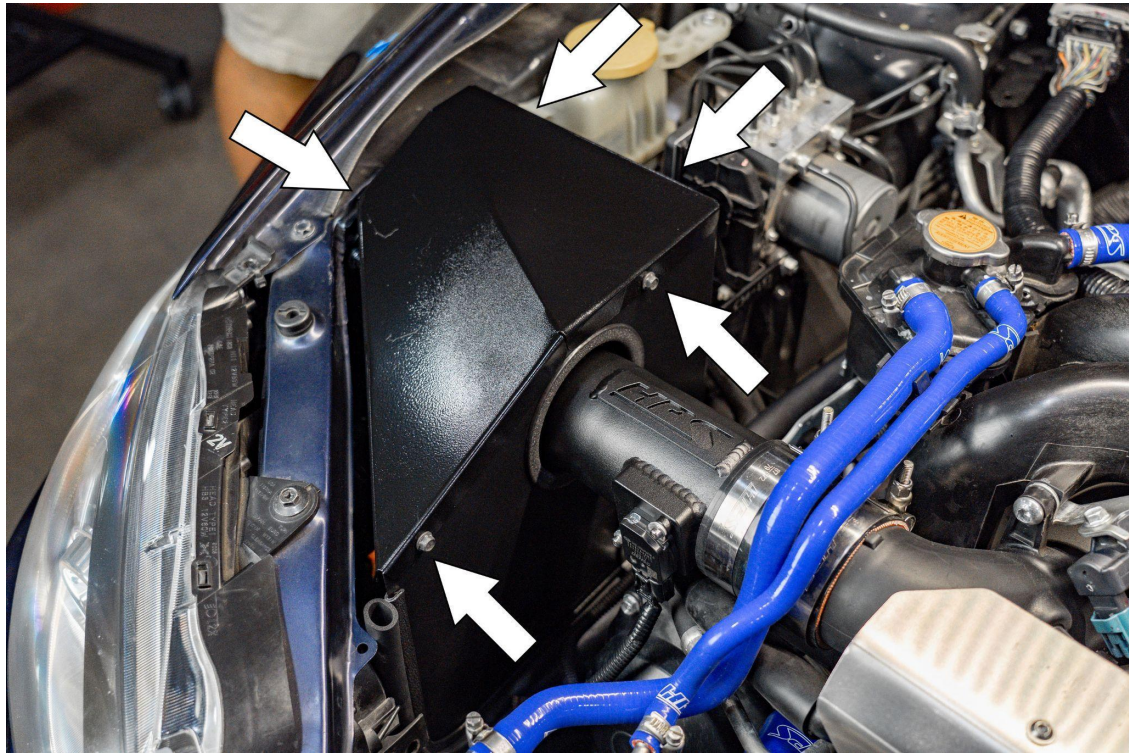
22. Once the pipes are properly positioned, secure the intake pipe with the air filter onto the intake pipe from the turbo inlet.



23. Secure the intake bracket to the 1/2" rubber mount using the previously installed M6 nut and washer.



24. Reconnect the MAF sensor electrical harness.



25. Install heat shield lid using the provided M5 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.

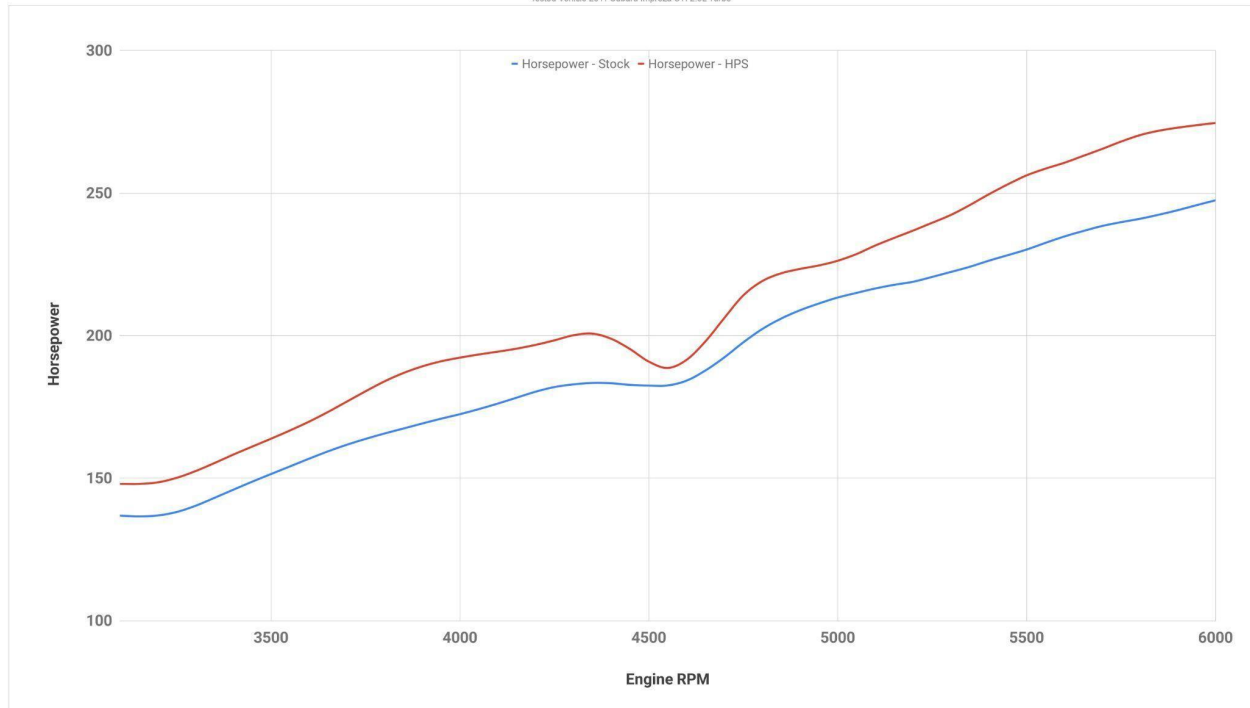
Periodically, recheck the alignment of the intake kit and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.



HPS Performance Air Intake Kit with Heat Shield (827 Series)
2008-2014 Subaru Impreza WRX 2.5L Turbo
2008-2014 Subaru Impreza STI 2.5L Turbo
2009-2010 Subaru Impreza 2.5 GT 2.5L Turbo
Part Number: 827-778

Maximum Horsepower Gains = 29.5 whp @ 5850 rpm

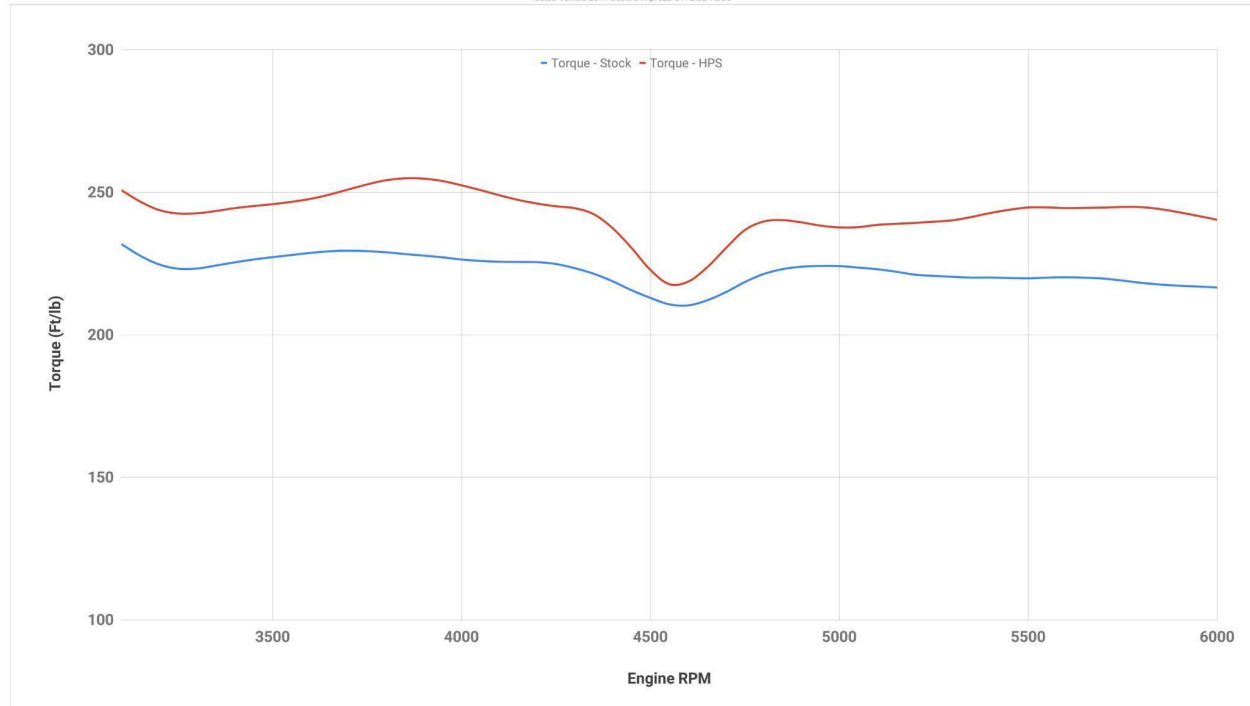
Tested Vehicle 2011 Subaru Impreza STI 2.5L Turbo



HPS Performance Air Intake Kit with Heat Shield (827 Series)
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2008-2014 Subaru Impreza STI 2.5L Turbo
2009-2010 Subaru Impreza 2.5 GT 2.5L Turbo
Part Number: 827-778

Maximum Torque Gains = 27 ft/lb @ 3900 rpm

Tested Vehicle 2011 Subaru Impreza STI 2.5L Turbo



Also available for:

Subaru 2008-2014 Impreza WRX / Impreza WRX STI 2.5L Turbo
Subaru 2009-2010 Impreza 2.5 GT 2.5L Turbo



HPS Performance Belt Cover
Part Number [71-100](#)



HPS Performance Oil Catch Can
Part Number [860-004](#)



HPS Silicone Radiator Coolant Hose Kit
Part Number [57-1064](#)



HPS Silicone Heater Coolant Hose Kit
Part Number [57-2131H](#)



HPS Magnetic Oil Drain Plug
Part Number [MDP-M20x150](#)



HPS Performance Replacement Air Filter
For Intake Kit 837-778
Part Number [HPS-4276](#)



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

Contact an authorized HPS Performance dealer or
visit us at hpsperformance.com for more details