



## **Performance Cold Air Intake Kit Part Number: 837-566**

**Subaru 2008-2014 Impreza WRX 2.5L Turbo  
Subaru 2008-2014 Impreza 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](mailto: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 Material

## Kit Number: 837-566

Line #	Description	Part Number	Qty
1	Upper Air Intake Pipe	529-267	1
2	Lower Air Intake Pipe	529-268	1
3	Heat Shield	531-970	1
4	Intake Bracket	530-269	1
5	Heat Shield Bracket	530-238	1
6	HPS Performance Air Filter	HPS-4276	1
7	Reducer Coupler, 2.75" - 3.00", 3" Long	P3SR-275-300-L3	1
8	Straight Coupler, 3.00", 2" Long	P3SC-300-L2	1
9	T-Bolt Clamp for 2.75" Hose	SSTC-73-81	1
10	T-Bolt Clamp for 3.00" Hose	SSTC-79-87	3
11	Thin Edge Trim	75B7X1/16	7.5 inches
12	Rubber Vibration Mount, M6 1" Tall, Male to Female	HW-RM6-100-MF	1
13	Rubber Vibration Mount M6 1/2" Tall	HW-RM6-50	1
14	Bolt, M6 x 1.0, 16mm Long	HW-B6-16	2
15	Bolt, M4 x 0.7, 8mm Long	HW-B4-8	2
16	Flat Washer, M6, 16mm OD	HW-FW6L	6
17	Flange Nut, M6	HW-N6	3

- **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](mailto: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.***

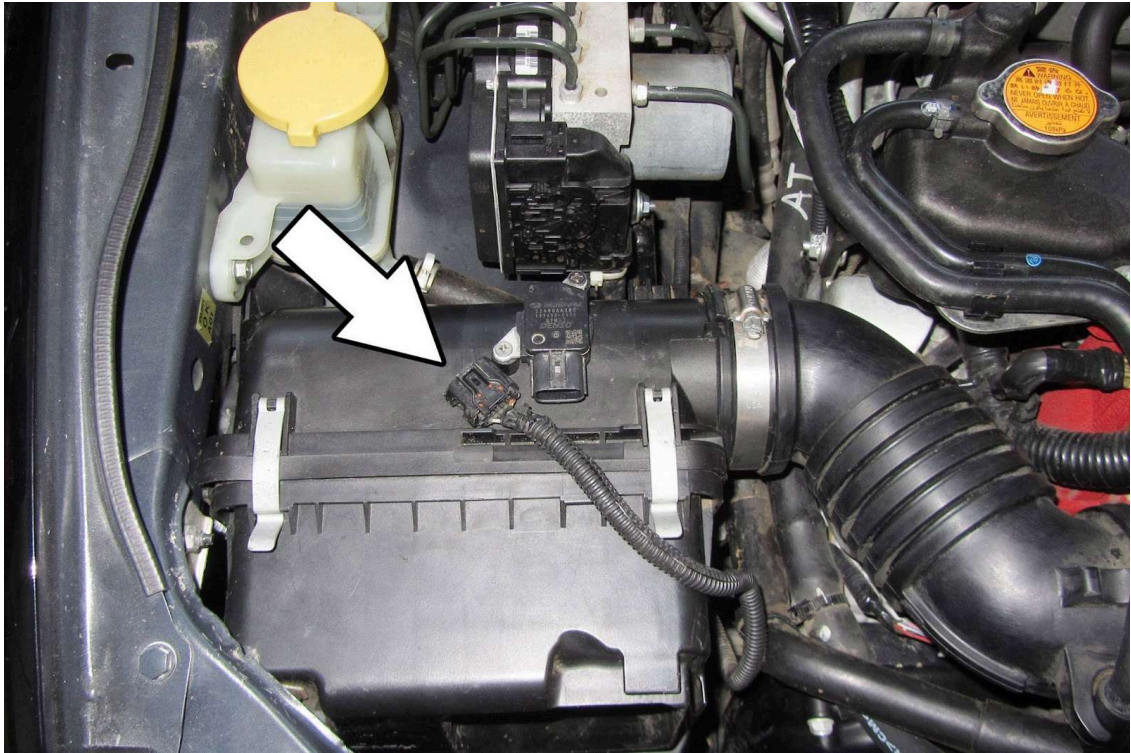
## **GETTING STARTED**

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.

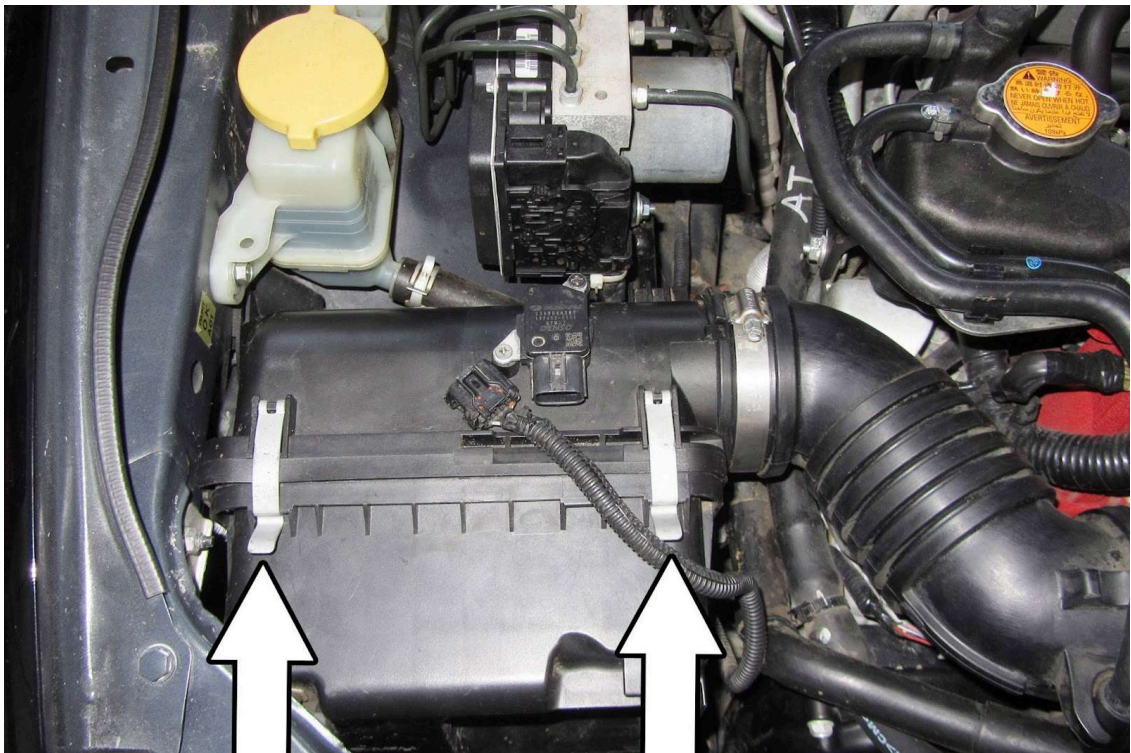
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



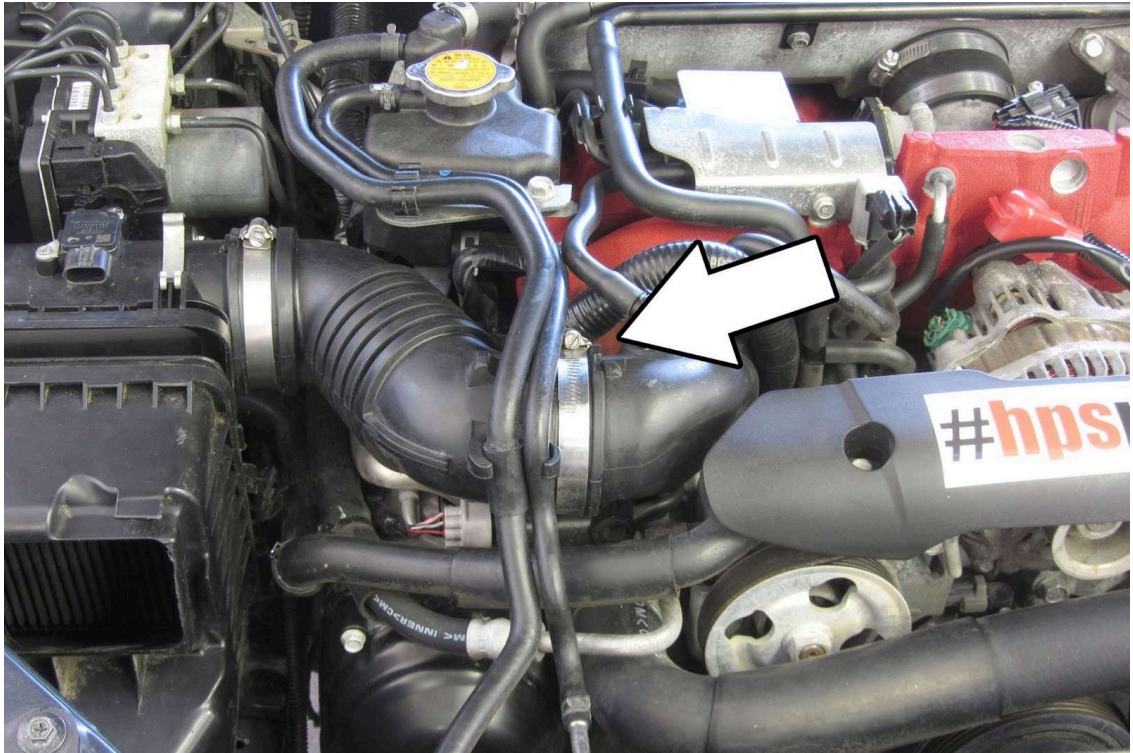
2. Use a flat screwdriver to remove the two plastic clips securing the air scoop. Remove the air scoop from the vehicle.



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



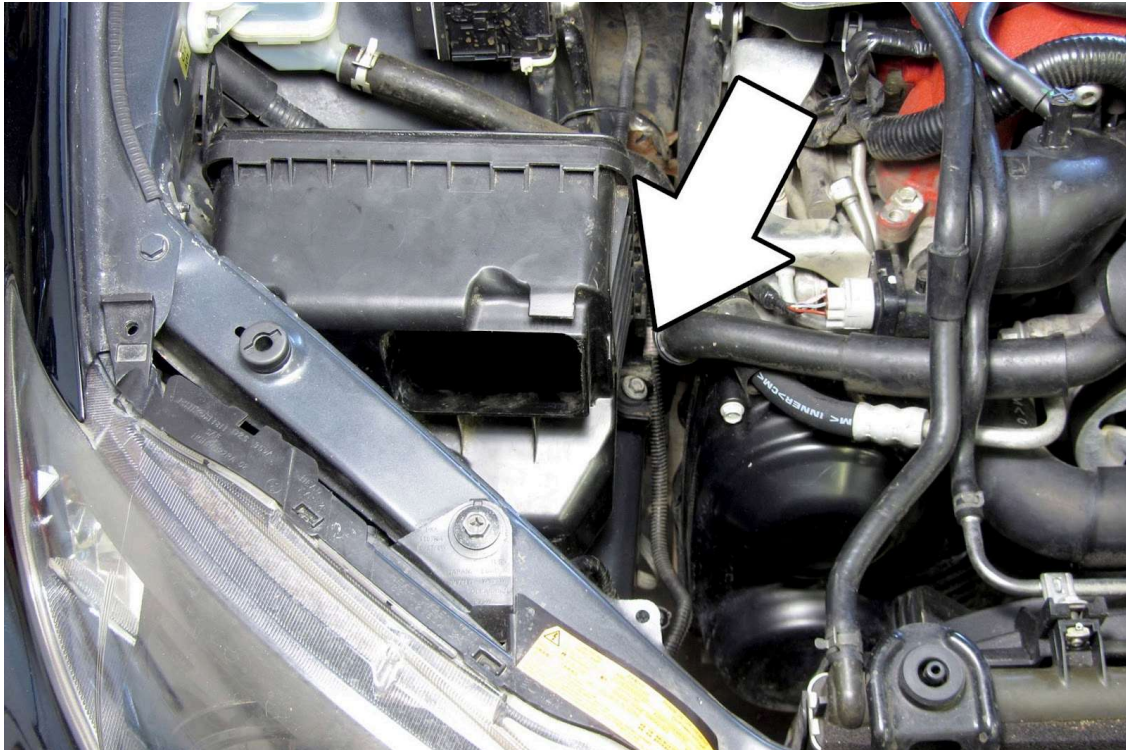
4. Unclip the upper air box.



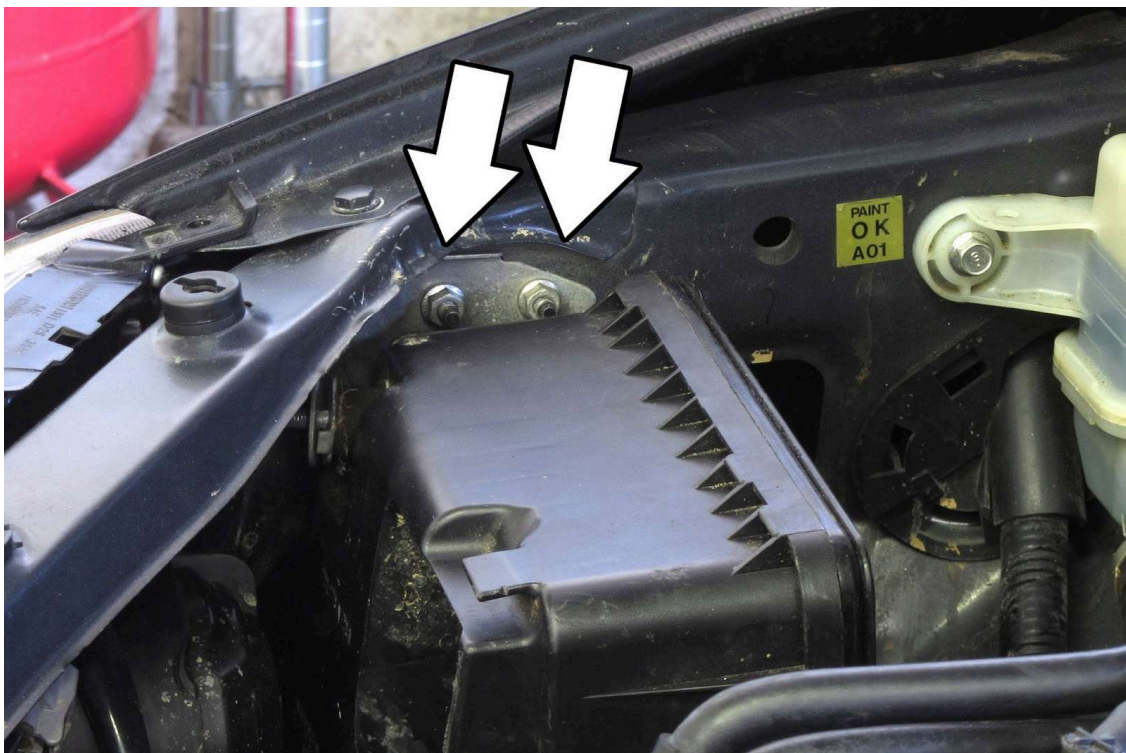
5. Loosen the hose clamp on the factory intake hose and disconnect the intake hose from the turbo inlet.



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



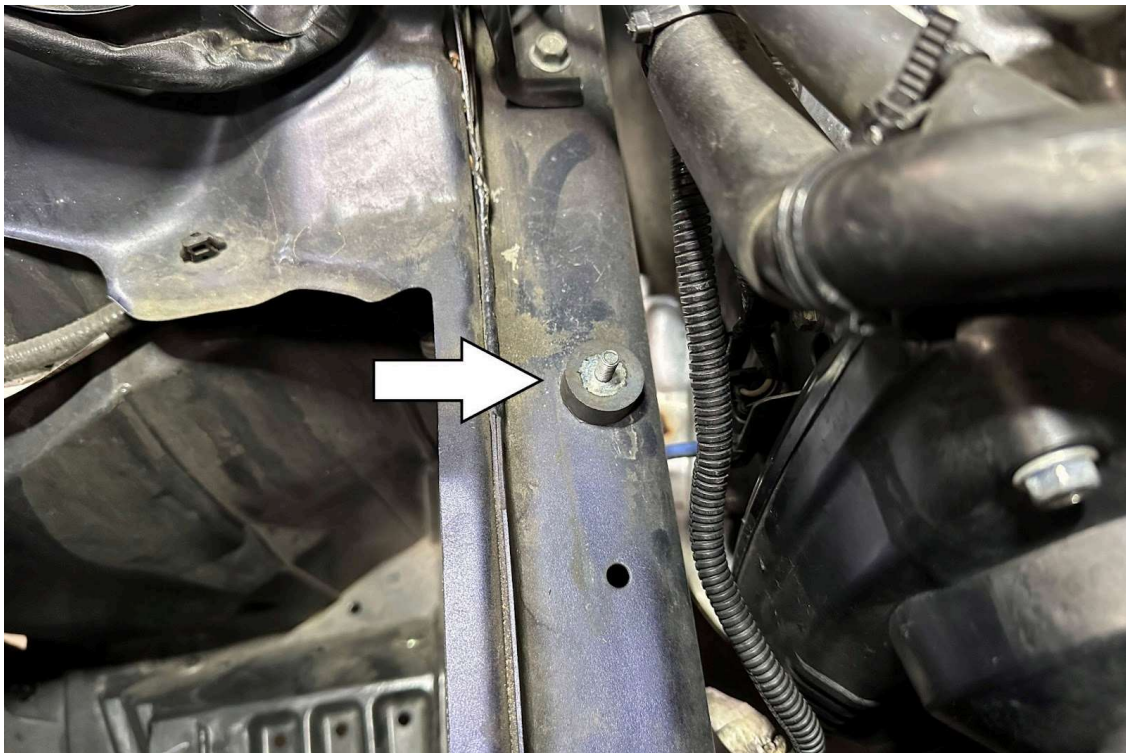
7. Remove the bolt securing the lower air box assembly to the frame rail.



8. Remove the two nuts securing the lower air box assembly.



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



10. Install the 1/2" vibration mount onto the frame rail.

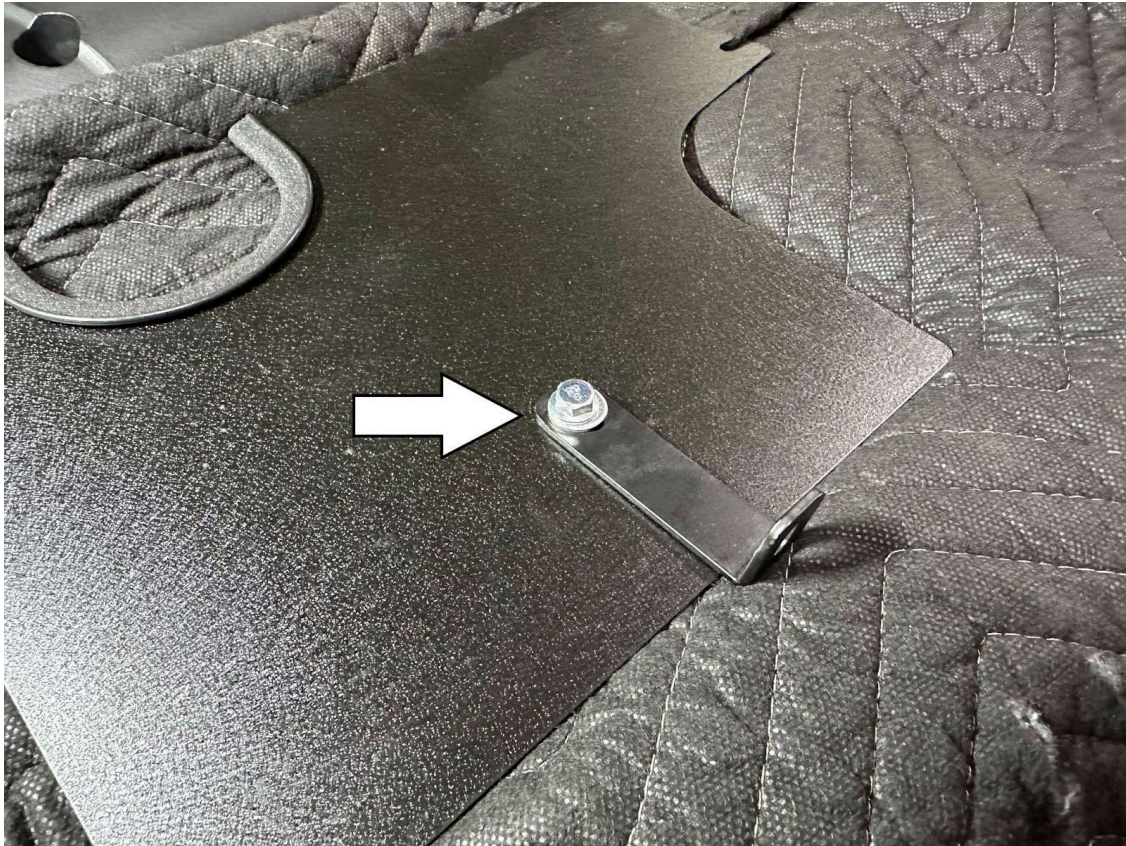


11. Use a 10mm wrench to remove the nut on the ABS unit.

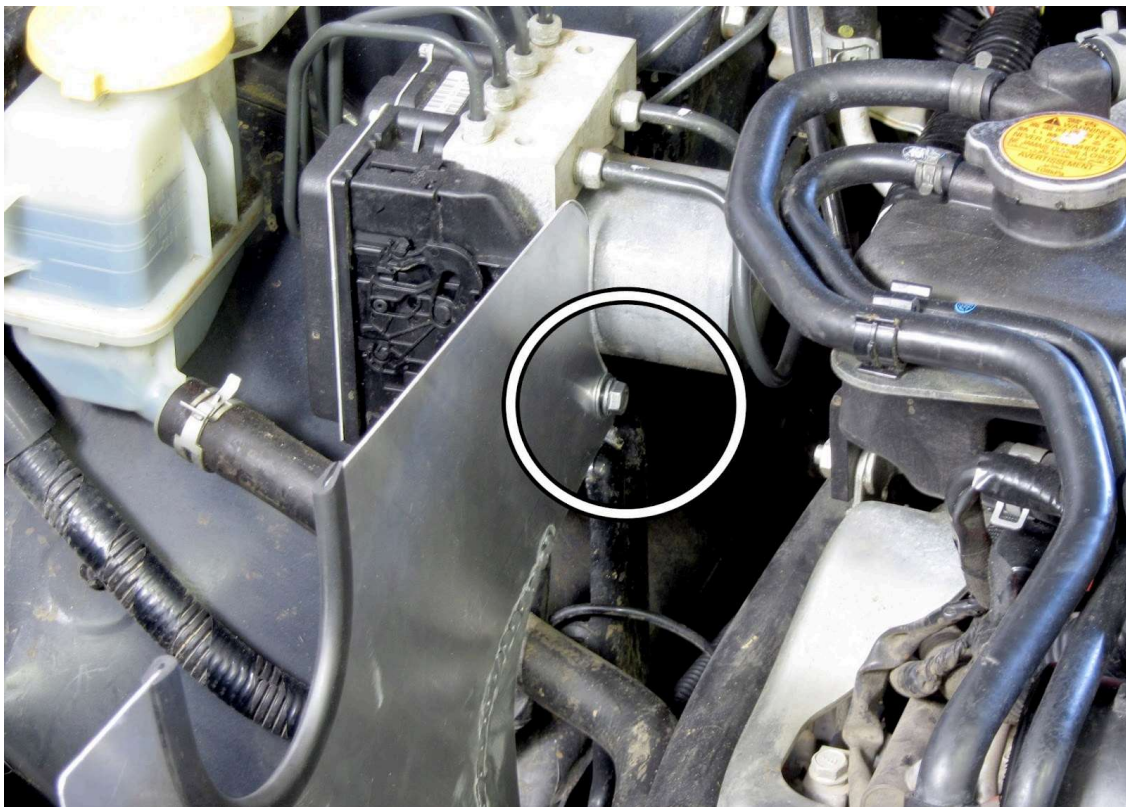


12. Install the thin edge trim onto the heat shield.

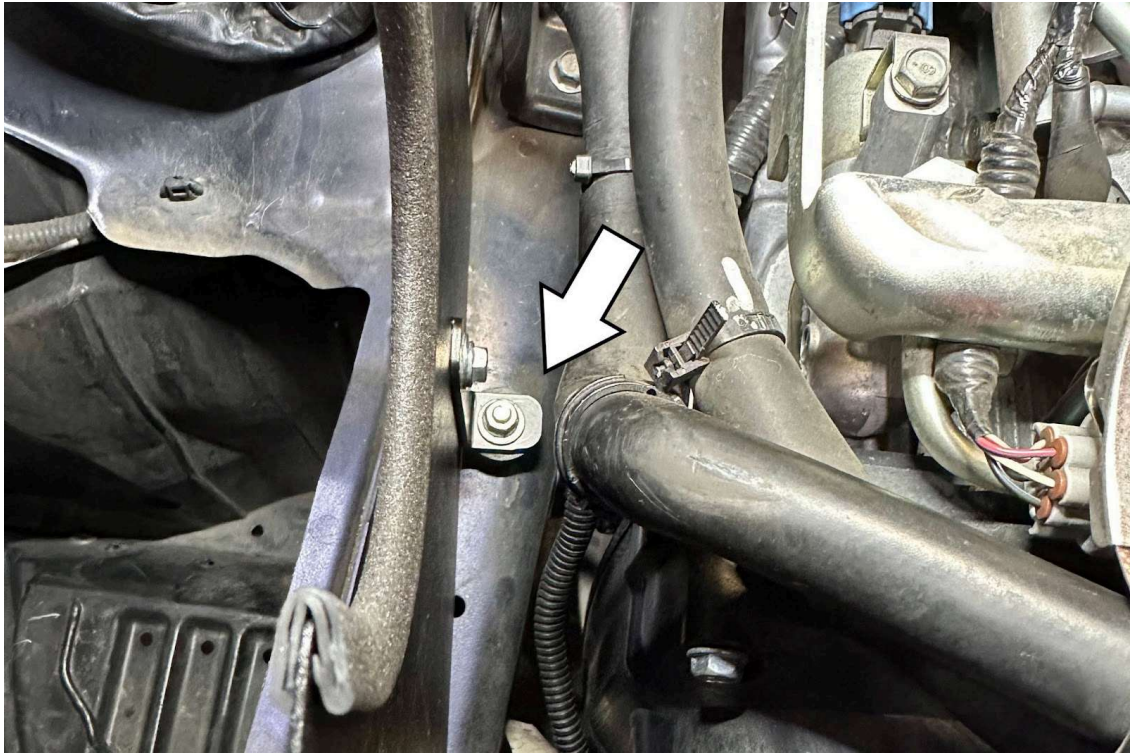




13. Secure the provided "L" bracket onto the heat shield with the longer leg of the bracket using one of each provided nut, bolt, and two washers.



14. Install the heat shield using the ABS motor mounting point, a provided washer, and the factory nut removed in step 11.



15. Position the heat shield onto the  $\frac{1}{2}$ " vibration mount installed in step 10 and secure it using the provided nut and washer.



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



17. 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.



18. Slip the MAF side of the HPS intake pipe into the silicone coupler.



19. Reconnect the MAF sensor.



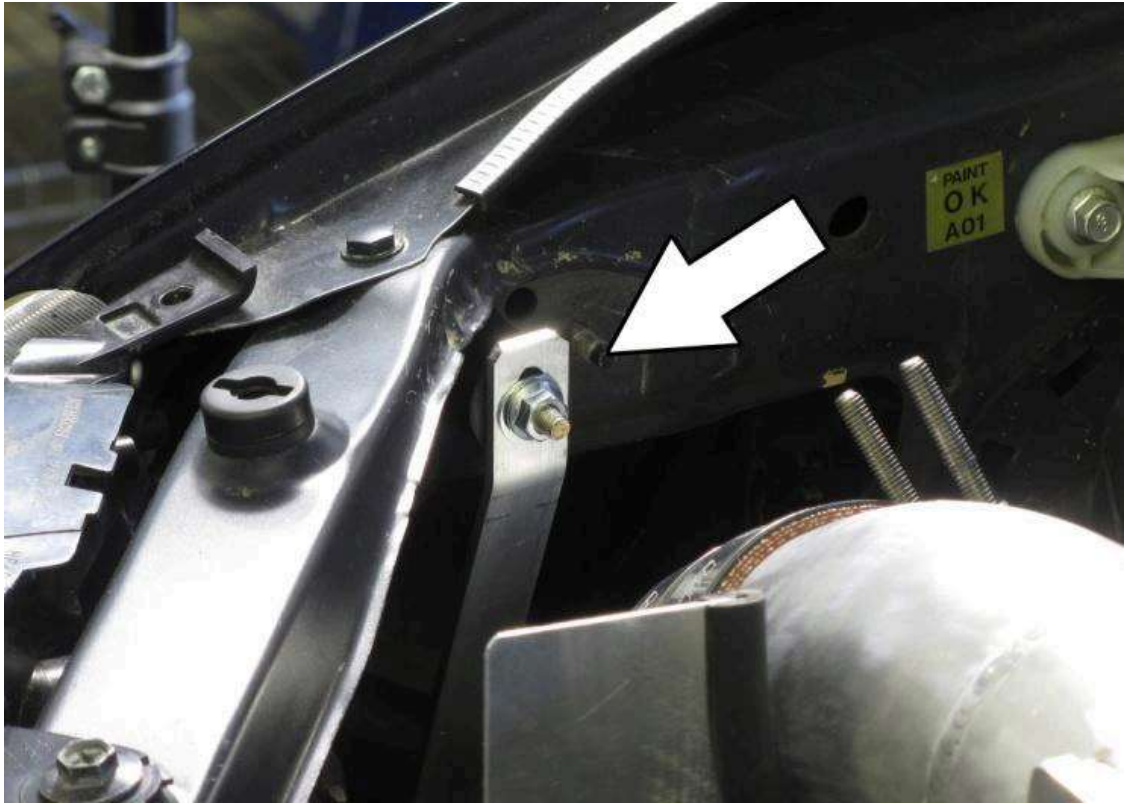
20. Install the 1" rubber vibration mount onto the factory air box mount.



21. Prepare the HPS lower air intake pipe as shown. Attach the flat side of the bracket onto the pipe using one of each provided washer and bolt with the bend of the bracket facing away from the pipe. Secure the air filter onto the long leg of the pipe. Slip the straight coupler and remaining two clamps onto the short leg of the pipe.



22. Connect the assembled lower intake pipe with the upper intake pipe and tighten the clamps.



23. Secure the intake bracket onto the 1" vibration mount, installed in step 20, with one of each provided nut and washer.

## **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.

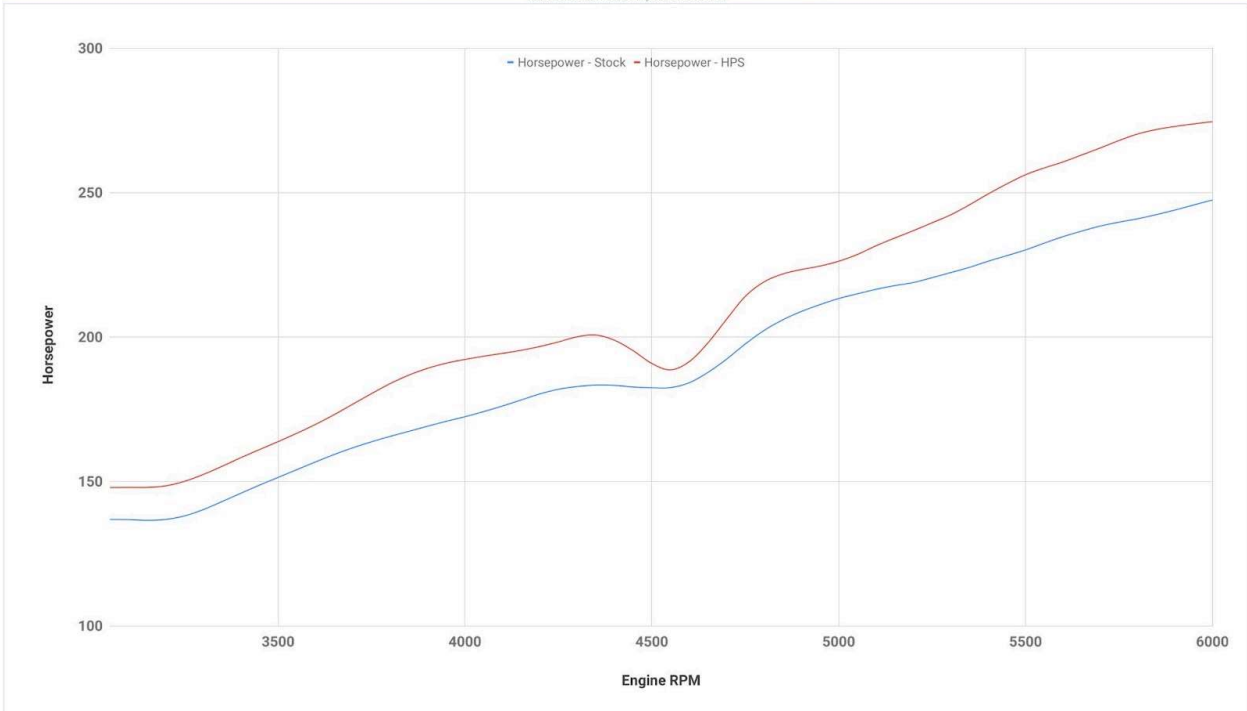
***NOTE: This HPS performance cold air intake system has been designed to be used in two different configurations. In the case of inclement weather, the cold air tube can be removed and the air filter can be clamped onto the intake tube located in the engine compartment to avoid the possibility of ingesting water into the engine.***



HPS Performance Cold Air Intake Kit (837 Series)  
2008-2014 Subaru Impreza WRX 2.5L Turbo  
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Part Number: 837-566

**Maximum Horsepower Gains = 29.5 whp @ 5850 rpm**

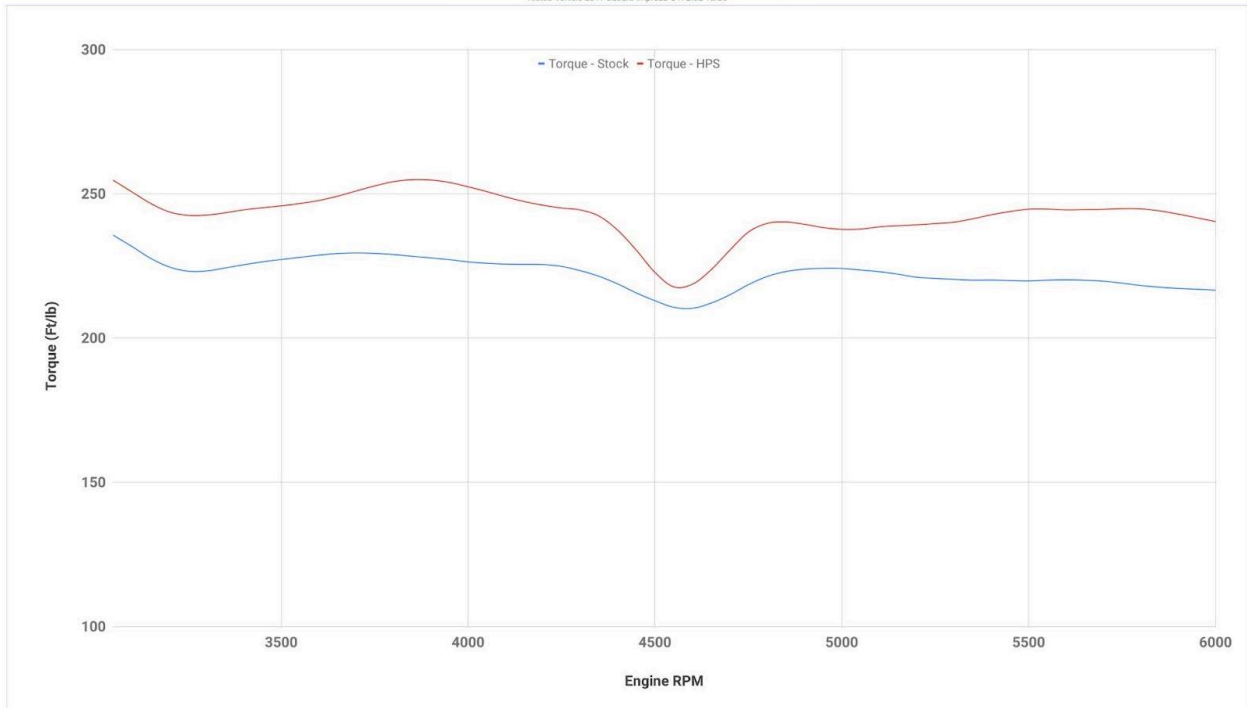
Tested Vehicle 2011 Subaru Impreza STI 2.5L Turbo



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Part Number: 837-566

**Maximum Torque Gains = 27 ft/lb @ 3900 rpm**

Tested Vehicle 2011 Subaru Impreza STI 2.5L Turbo





**Also available for:**

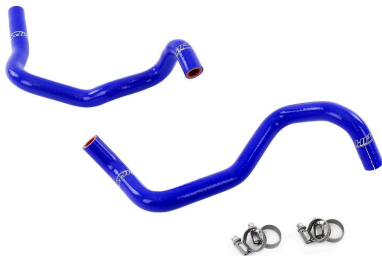
**Subaru 2008-2014 Impreza WRX / Impreza STI 2.5L Turbo  
Subaru 2009-2010 Impreza 2.5 GT 2.5L Turbo**



**HPS Performance Replacement Air Filter  
For Intake Kit 837-566  
Part Number [HPS-4276](#)**



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



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



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

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