Performance Air Intake Kit
Part Number: 827-682

Lexus 2013-2020 GS350 3.5L V6
Lexus 2021-2025 IS300 3.5L V6
Lexus 2014-2025 IS350 3.5L V6
Lexus 2016-2025 RC300 3.5L V6
Lexus 2015-2025 RC350 3.5L V6

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-4:30pm Pacific Time.

Last Revision JT06082026

Bill of Materials

Kit Number: 827-682

Line #	Description	Part Number	Qty
1	Air Intake Pipe	529-586	1
2	Heat Shield	531-588	1
3	HPS Performance Air Filter	HPS-4302	1
4	Bracket for Heat Shield	530-587	1
5	Reducer Coupler, 3” - 3-1/8" ID, 3” Long	P3SR-300-312-L3	1
6	Reducer Coupler, 3” - 3-1/2" ID, 3” Long	P3SR-300-350-L3	1
7	T-bolt Clamp, 79mm - 87mm	SSTC-79-87	2
8	T-bolt Clamp, 83mm - 91mm	SSTC-83-91	1
9	T-bolt Clamp, 95mm - 103mm	SSTC-95-103	1
10	Velocity Stack, 3-1/2" to 6” Inlet	HW-VS-350-600	1
11	Bolt, M6, 12mm long	HW-B6-12	2
12	Bolt, M6, 20mm long	HW-B6-20	1
13	Allen Bolt, M4, 8mm long	HW-B4-8	2
14	Flange Nut, M6	HW-N6	2
15	Flat Washer, M6, 16mm OD	HW-FW6L	5
16	Spacer, M6, 5mm Thick	94669A165	1
17	Rubber Vibration Mount, M6, 1/2" Tall	HW-RM6-50	1
18	Edge Trim - Bubble	7750B2X1/16C	36 inches
19	Edge Trim - Thin	7750B2X1/16C	12 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.

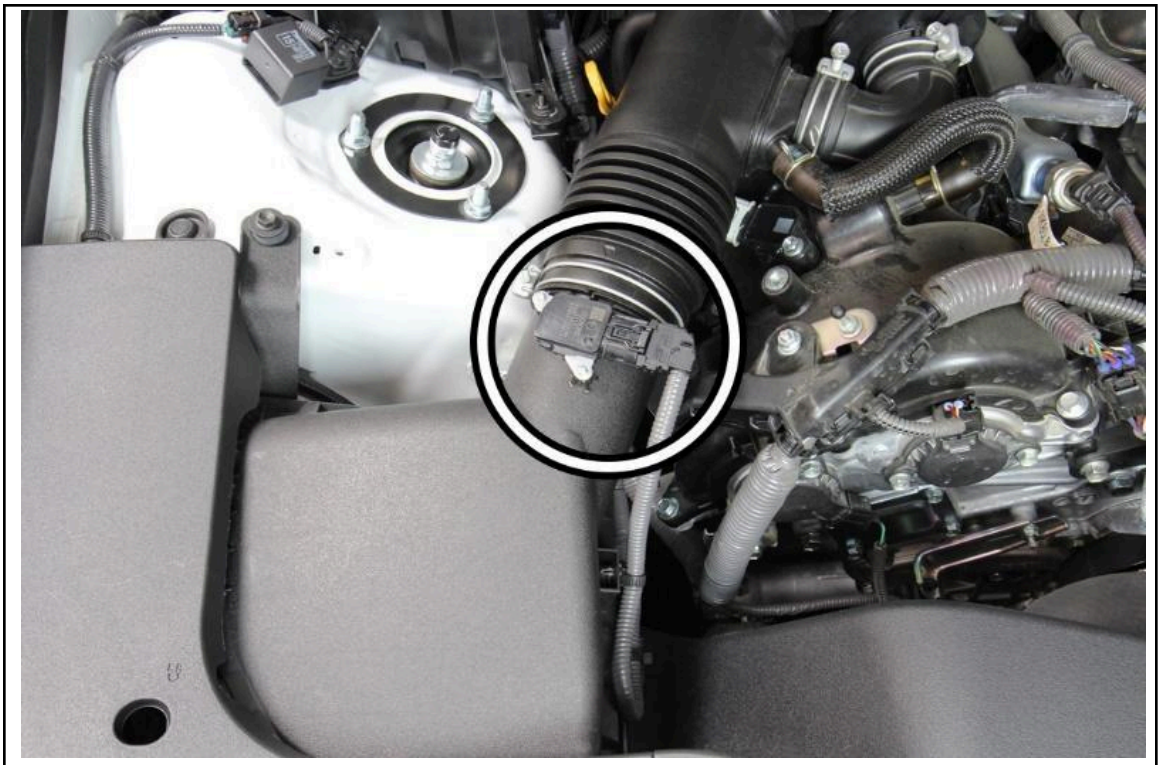
GETTING STARTED

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.

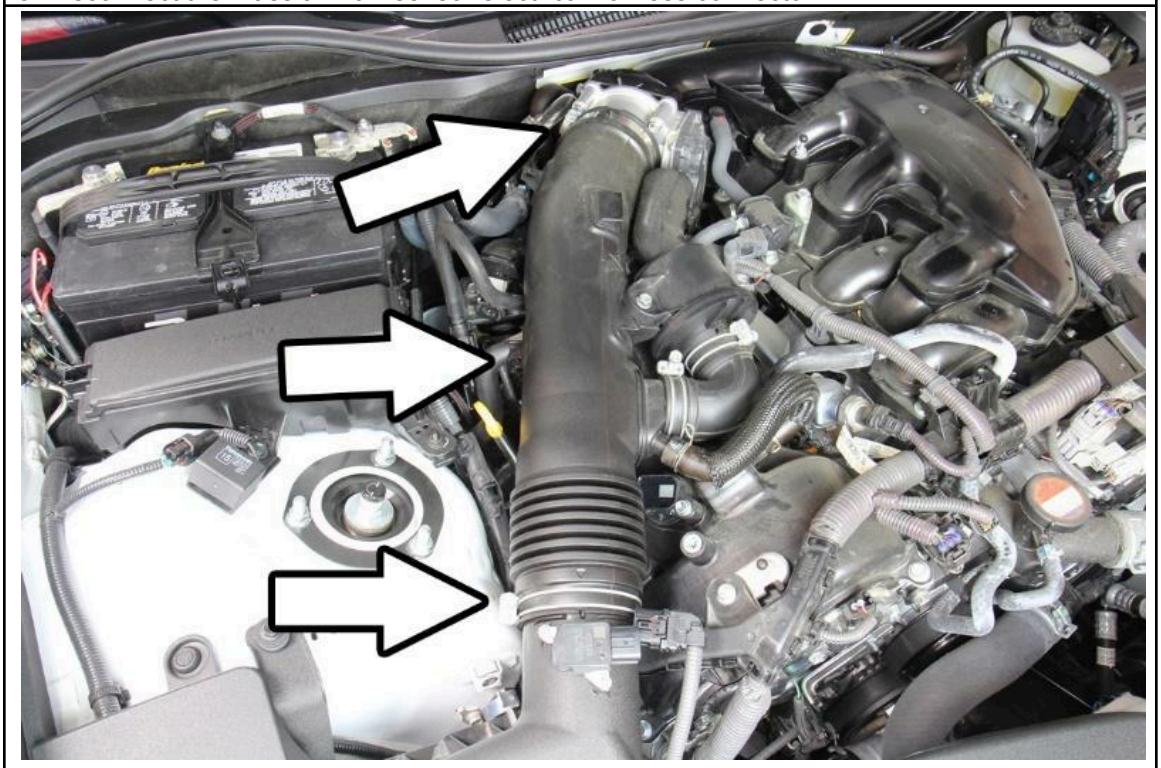
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



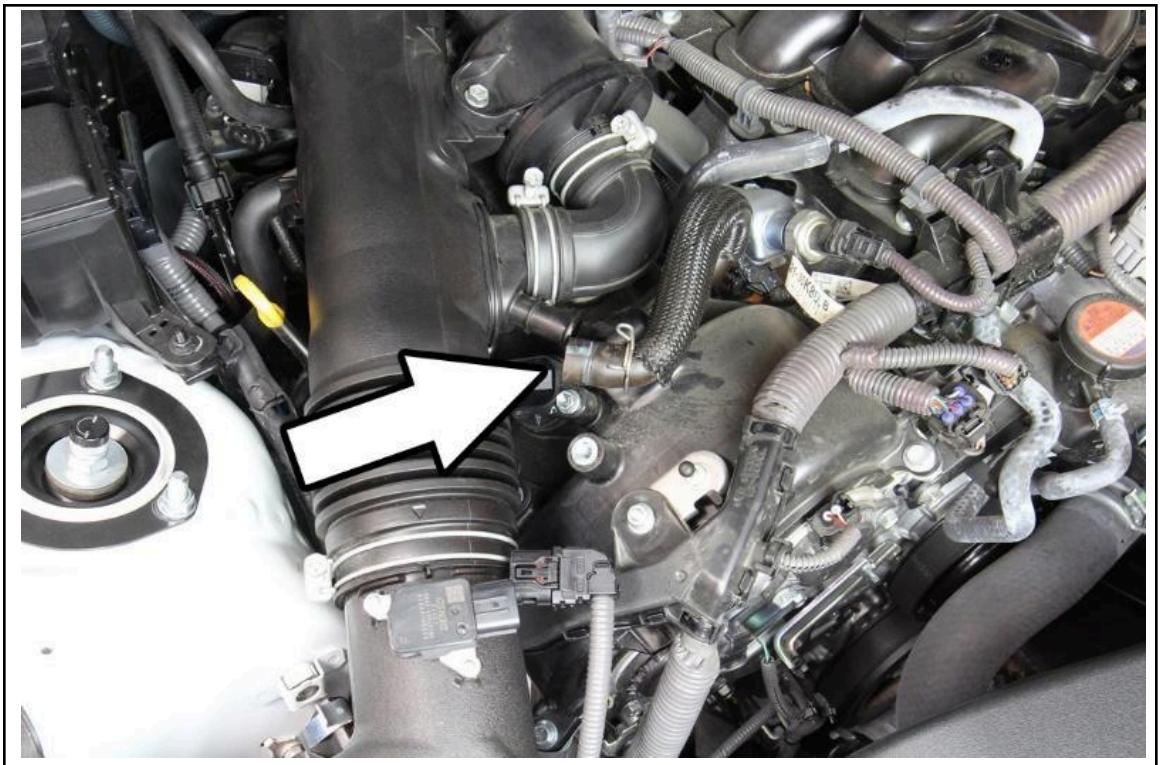
2. Lift and remove the engine cover from the vehicle.



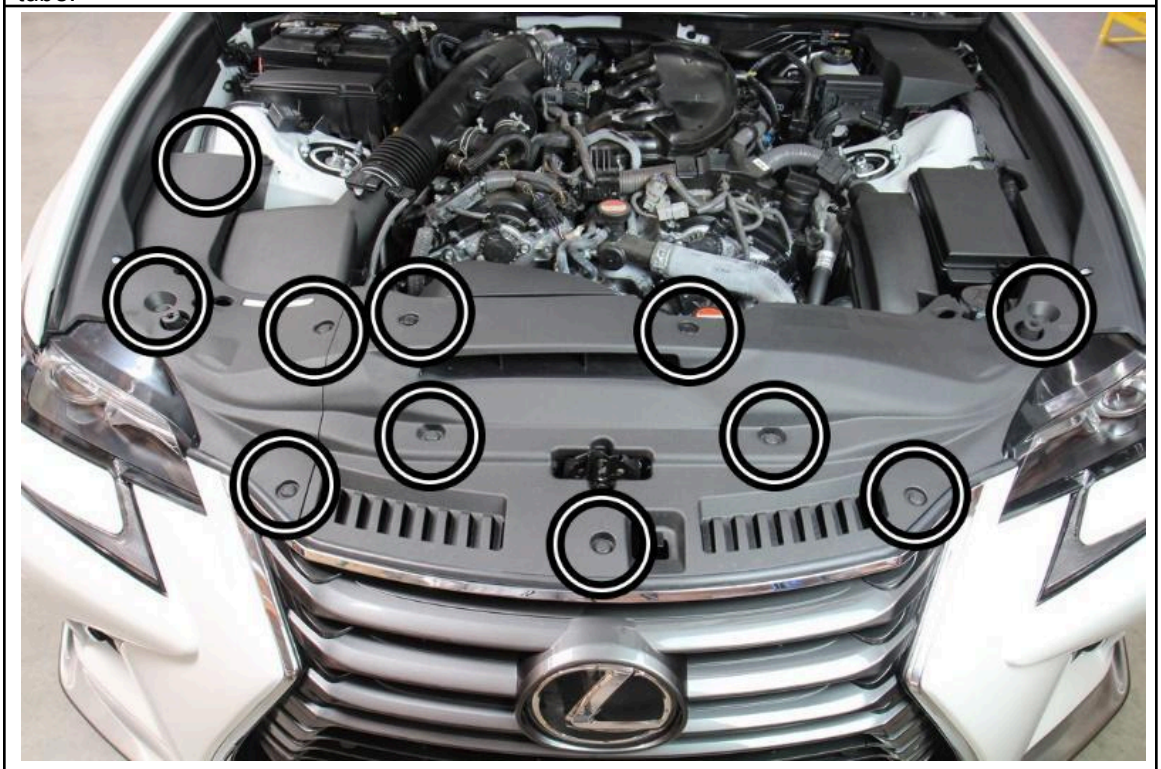
3. Disconnect the mass air flow sensor electrical harness connector.



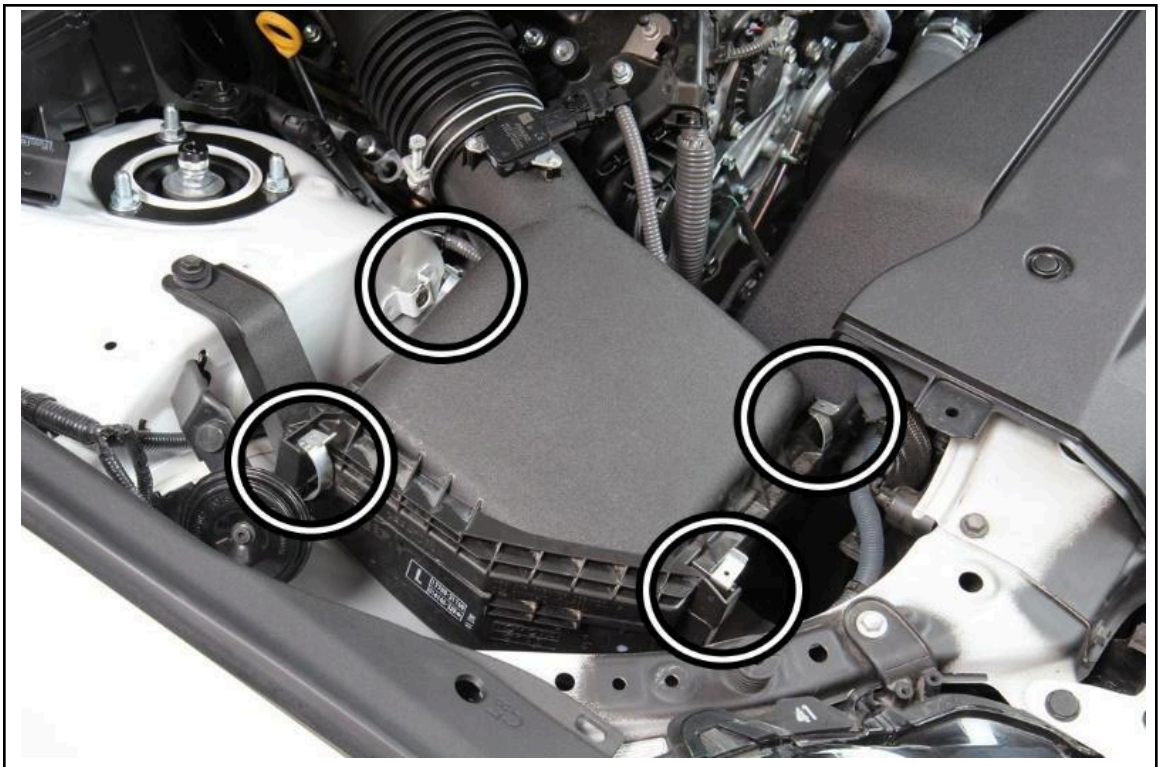
4. Loosen the hose clamps securing the intake tube to the air box and the throttle body. Then, disconnect the hose clip attached to the intake tube.



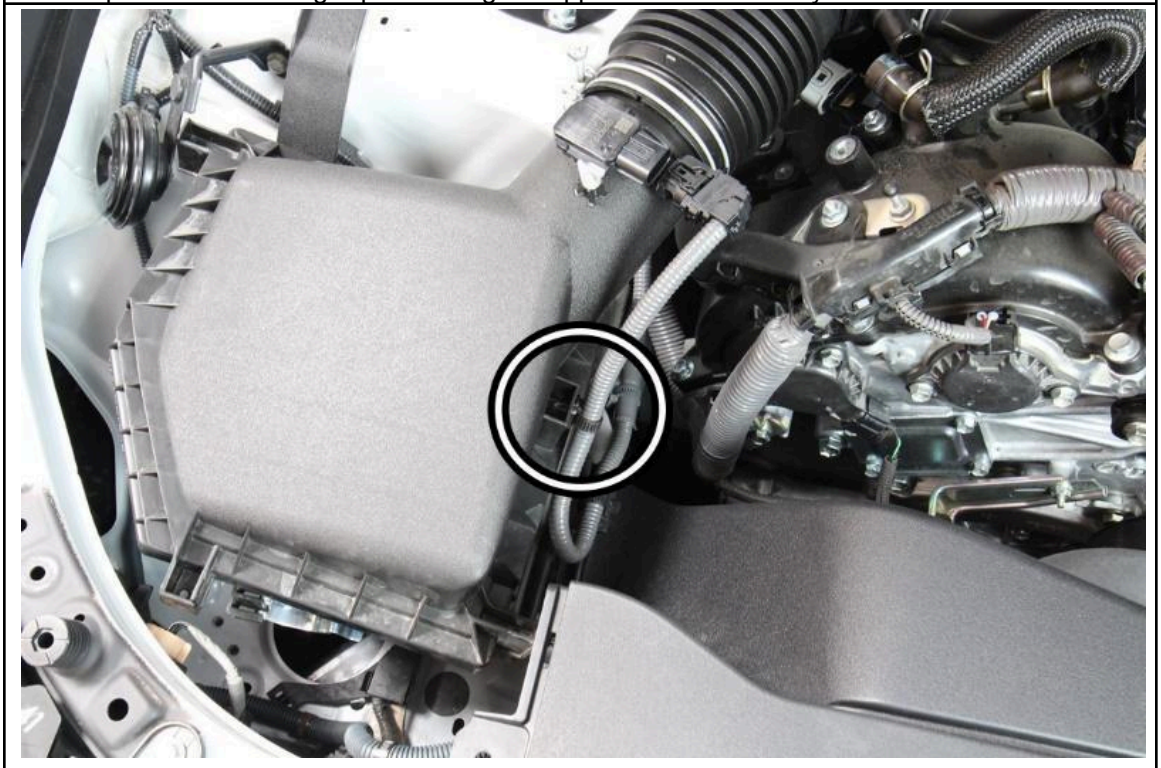
5. Depress the hose clamp to disconnect the crank case breather hose from the stock intake tube.



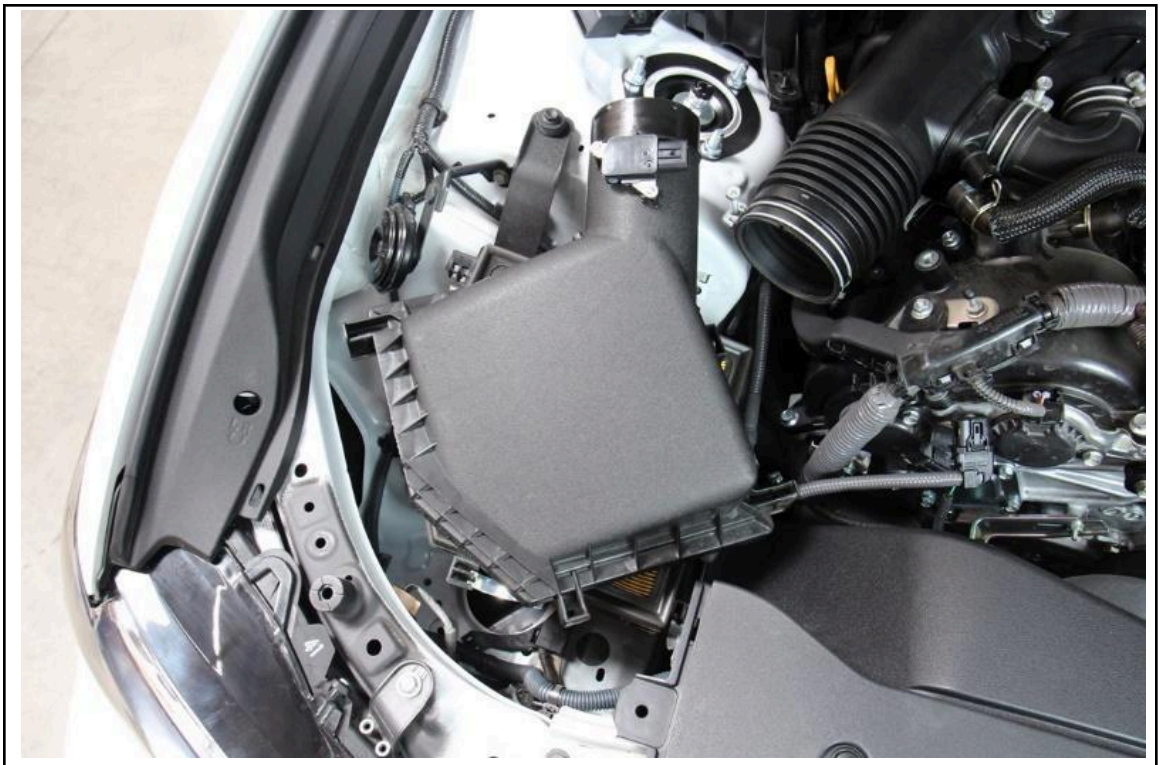
6. Remove the factory clips securing the plastic panels.Then remove the panels from the vehicle.



7. Unclip the four retaining clips securing the upper air box assembly.



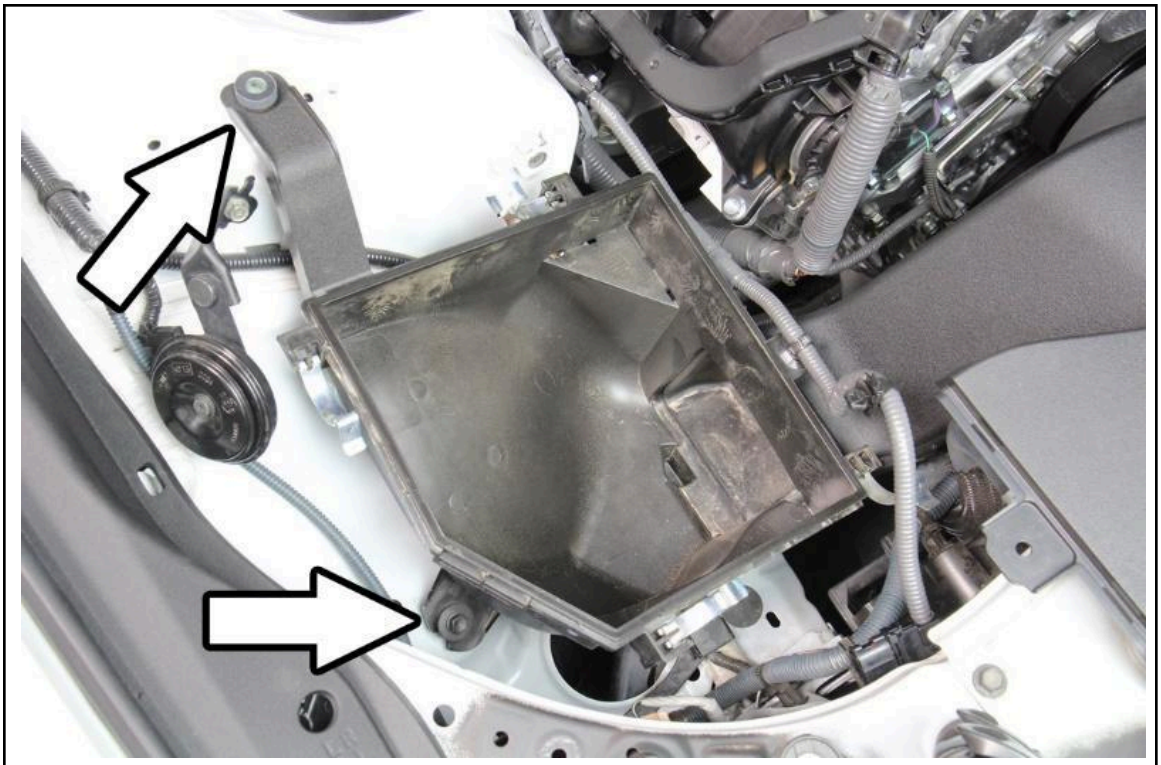
8. Disconnect the mass air flow sensor electrical harness clip from the upper air box.



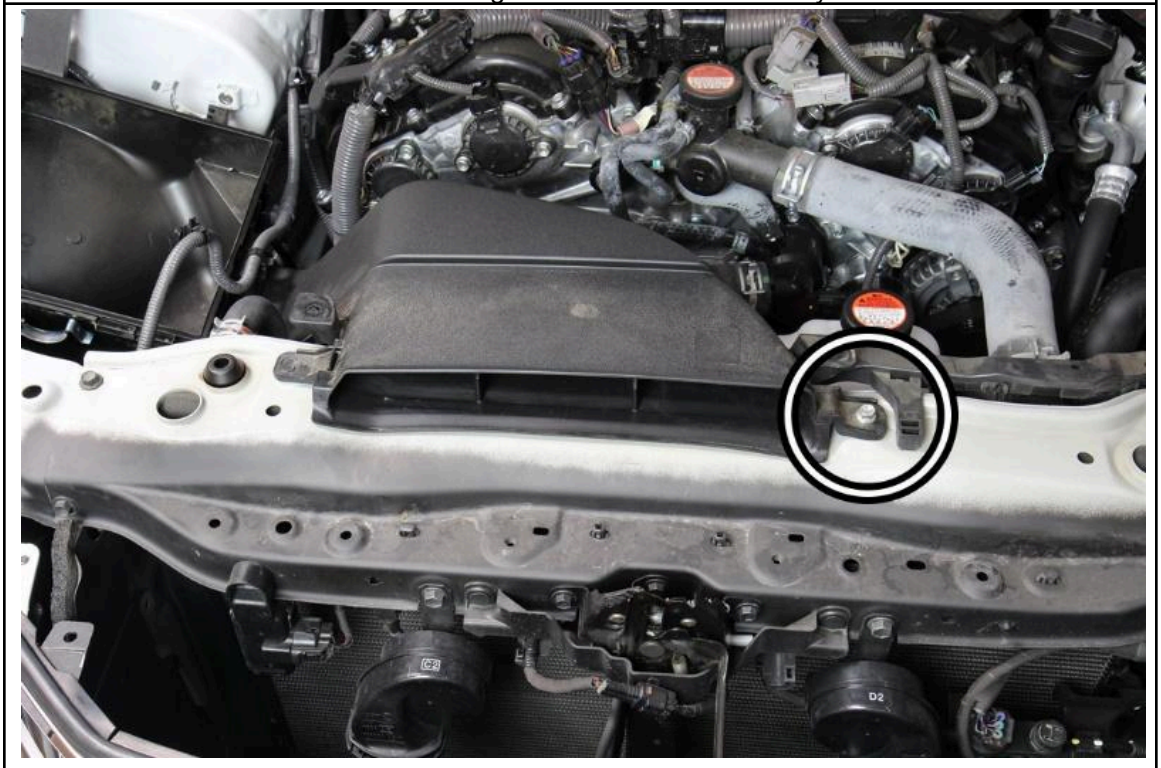
9. Remove the upper air box assembly from the vehicle by disconnecting the air box from the intake tube.



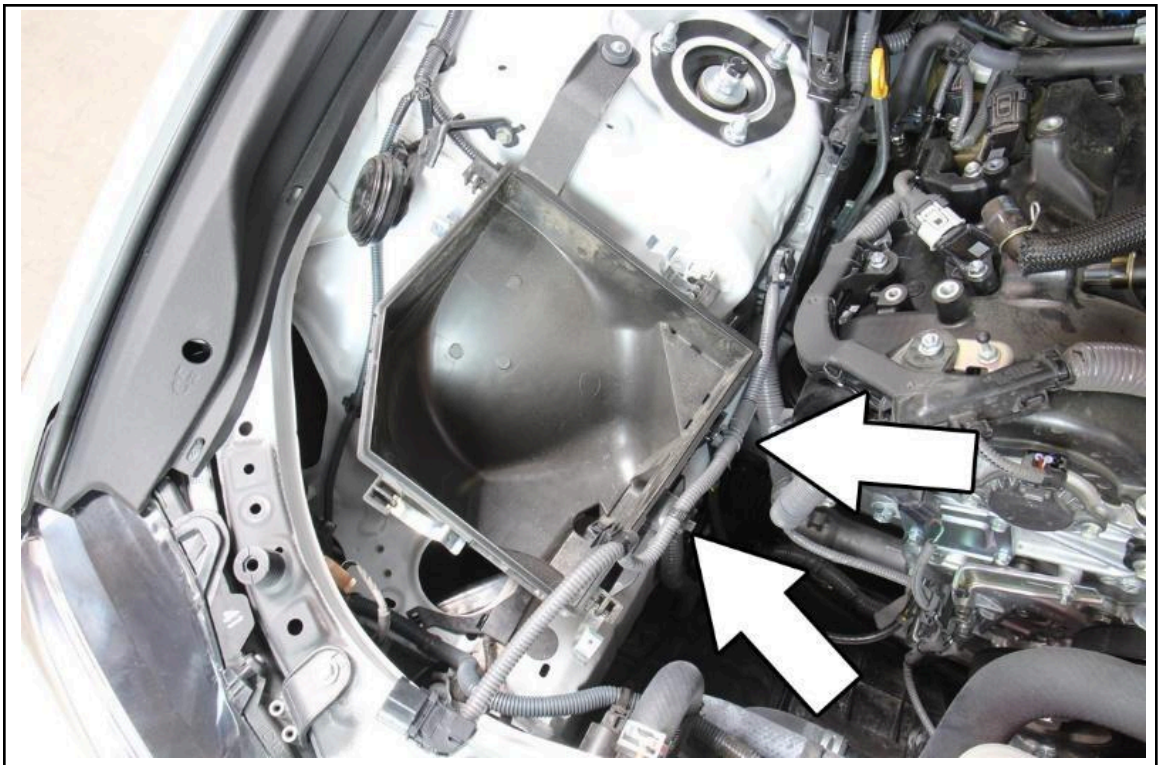
10. Disconnect the stock intake tube from the throttle body and remove it from the vehicle.



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



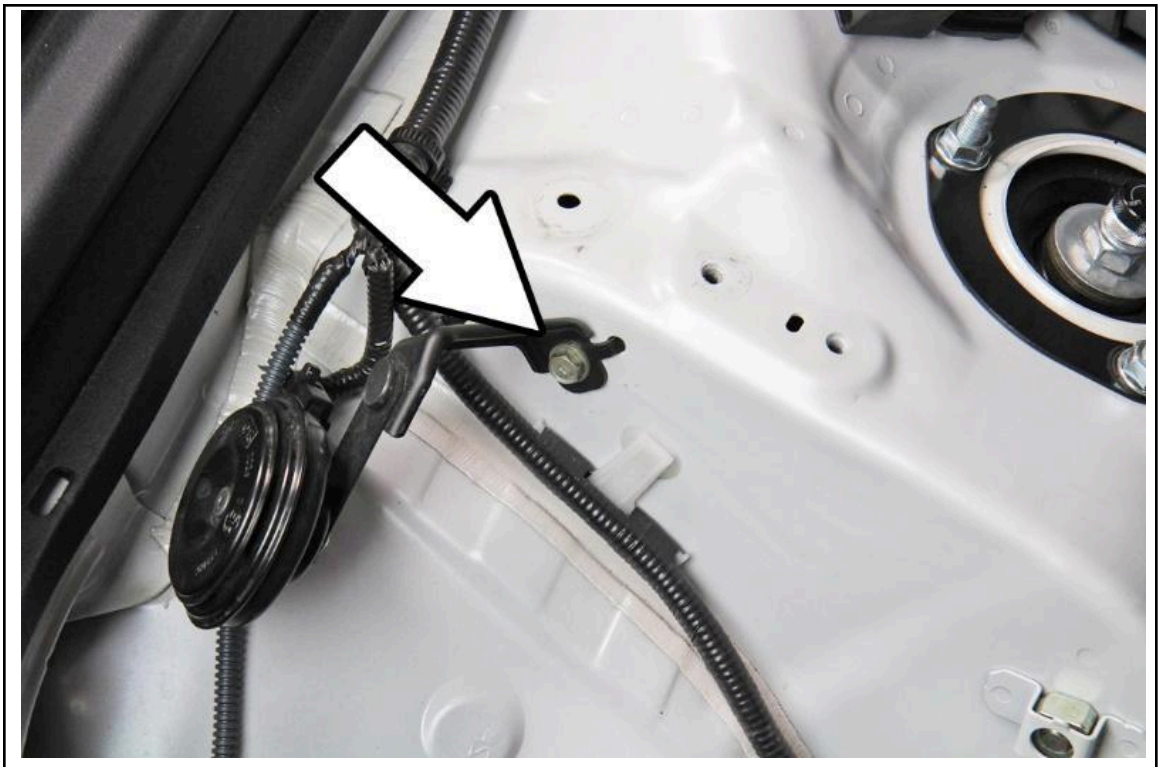
12. Remove the 10mm bolt securing the factory air duct and remove the air duct from the vehicle.



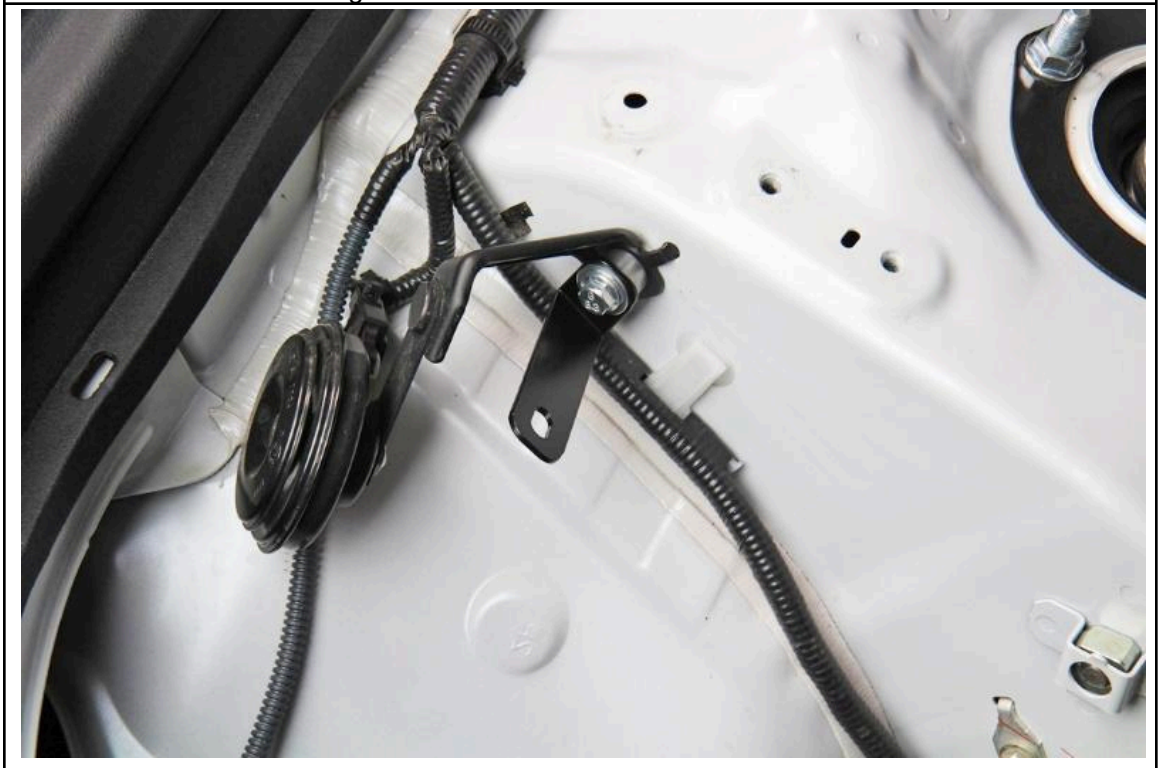
13. Disconnect the remaining clips securing the MAF sensor electrical harness from the lower air box assembly and remove the lower air box from the vehicle.



14. Install the reducer coupler onto the throttle body using the provided T-bolt clamps.



15. Remove the bolt securing the air horn bracket.



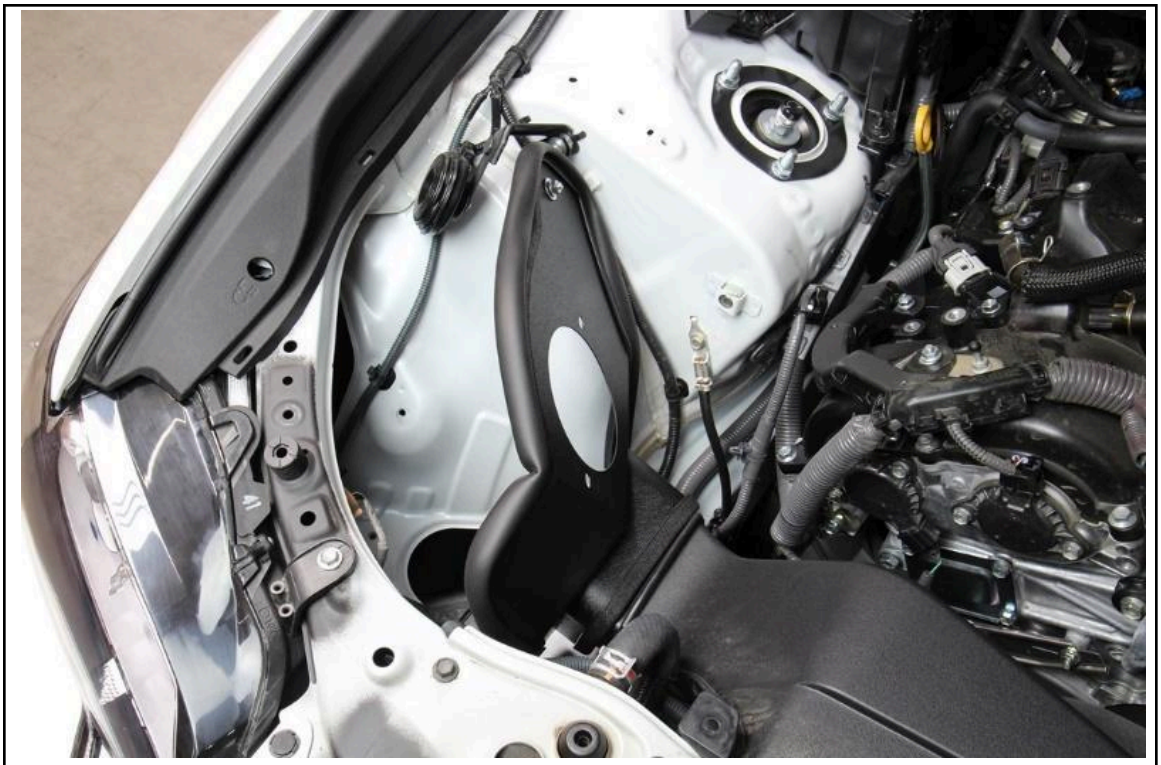
16. Install the M6, 5mm thick spacer onto the air horn bracket. Then stack the bracket onto the spacer and secure it using the M6, 20mm long bolt and washer provided in the hardware kit.



17. Install the thin edge trim onto the air duct opening of the heatshield and the bubble edge trim onto the outer edge of the heatshield.



18. Secure the 1/2" tall vibration mount onto the heat shield using a washer and nut.



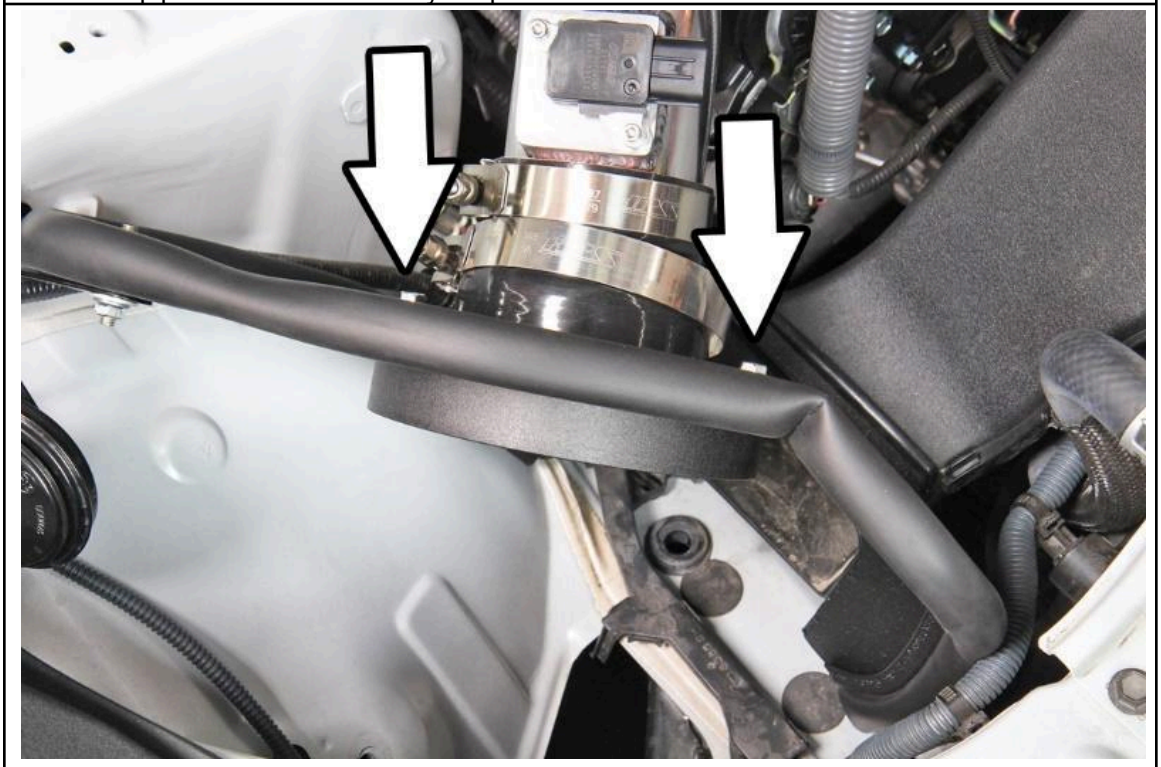
19. Reinstall the factory air duct into the vehicle. Then place the HPS heat shield into the engine bay and secure the vibration mount to the heat shield bracket using a nut and washer.



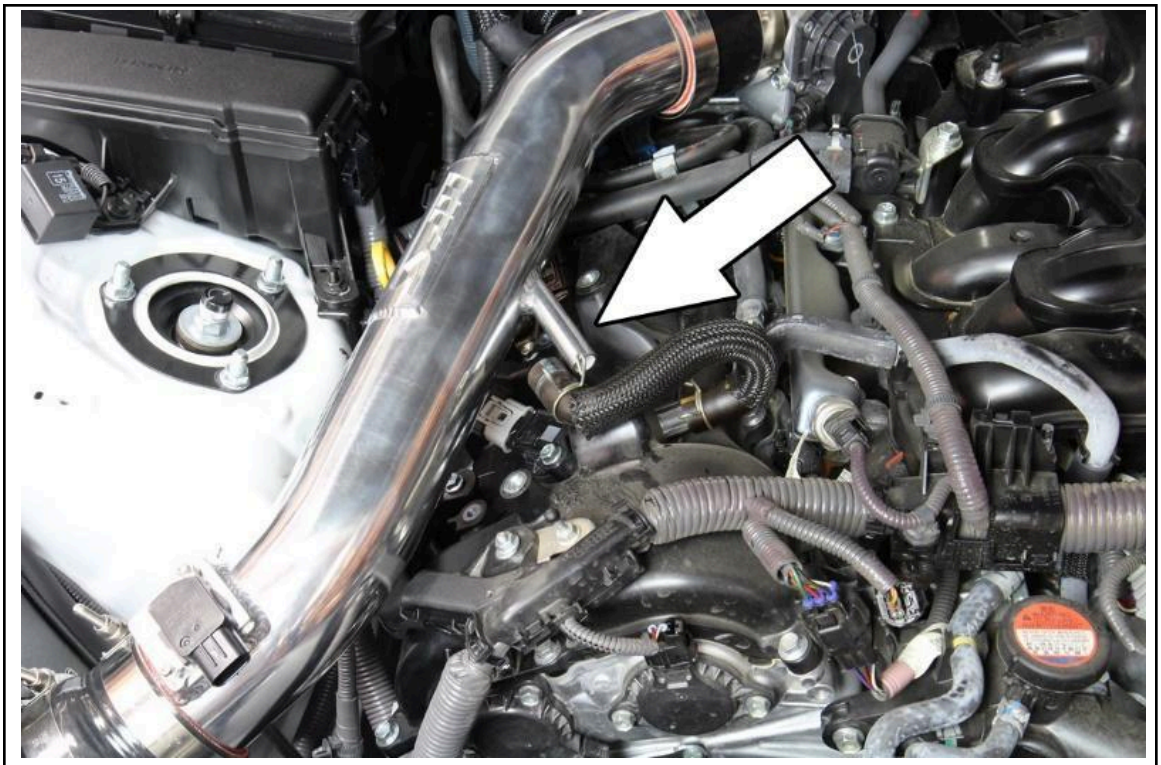
20. Install the factory mass air flow sensor onto the HPS intake. Secure the sensor using the two provided M4, 8mm long Allen bolts.



21. Install the remaining reducer coupler onto the other end of the HPS intake pipe and insert the intake pipe into the throttle body coupler.



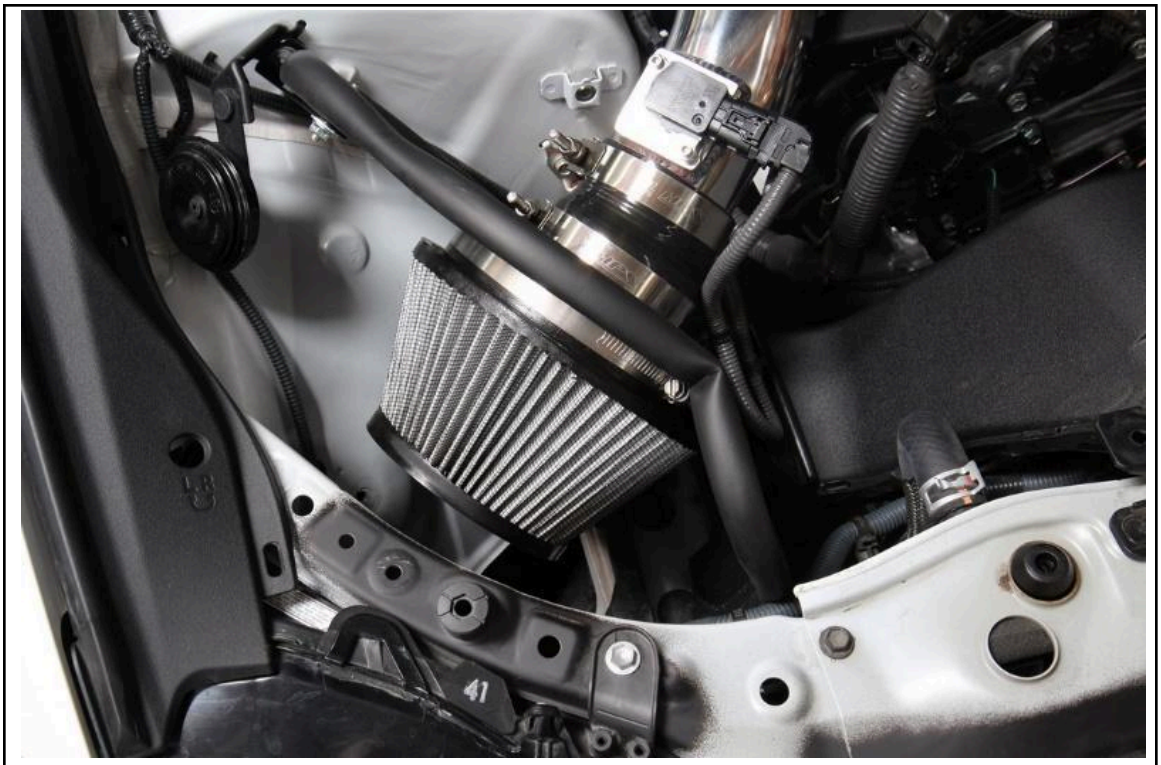
22. Push the velocity stack into the coupler and secure the velocity stack to the heat shield using two of each M6 washers and bolts. Rotate the intake pipe to the proper position and tighten all the T-bolt clamps.



23. Reinstall the crank case breather hose onto the HPS intake barb.



24. Reconnect the mass air flow sensor harness connector.



25. Install the provided HPS performance air filter.



26. Reinstall the factory engine bay cover and plastic panels back onto the vehicle.

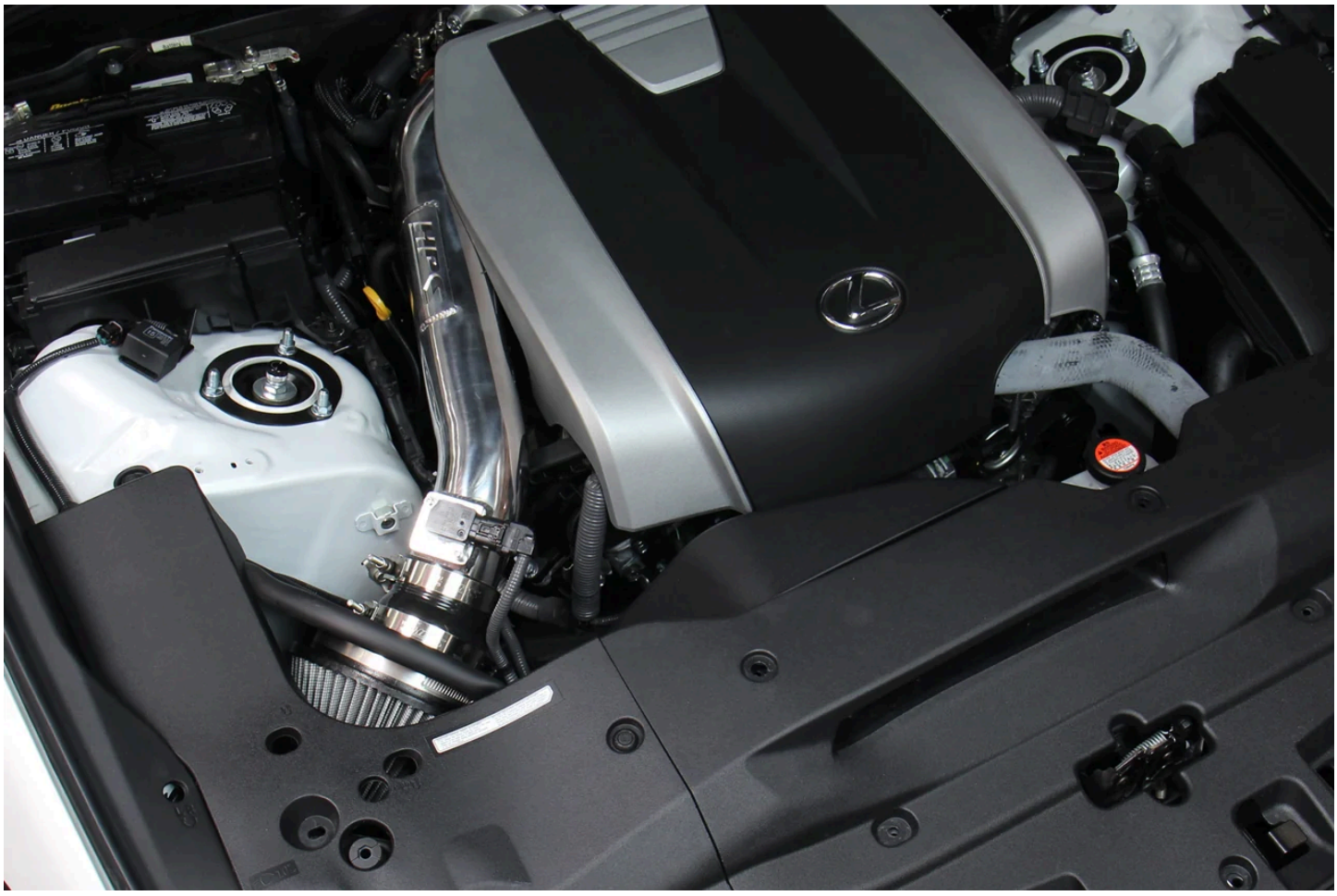
FINAL STEPS

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.

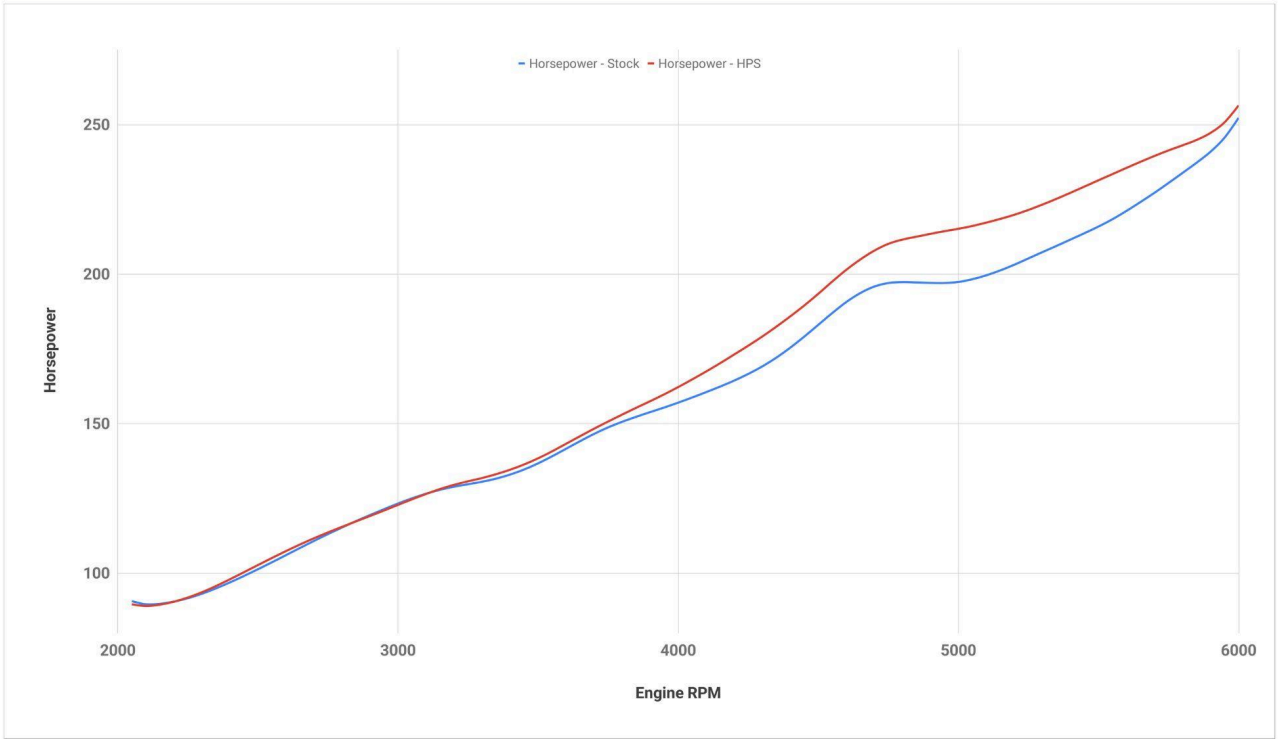
Periodically, recheck the alignment of the intake kit and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.



HPS Performance Air Intake Kit with Heat Shield (827 Series)
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2021-2025 Lexus IS300 3.5L V6
2014-2025 Lexus IS350 3.5L V6
2016-2025 Lexus RC300 3.5L V6
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Part Number: 827-682

Maximum Horsepower Gains = 10.4 whp @ 4500 rpm

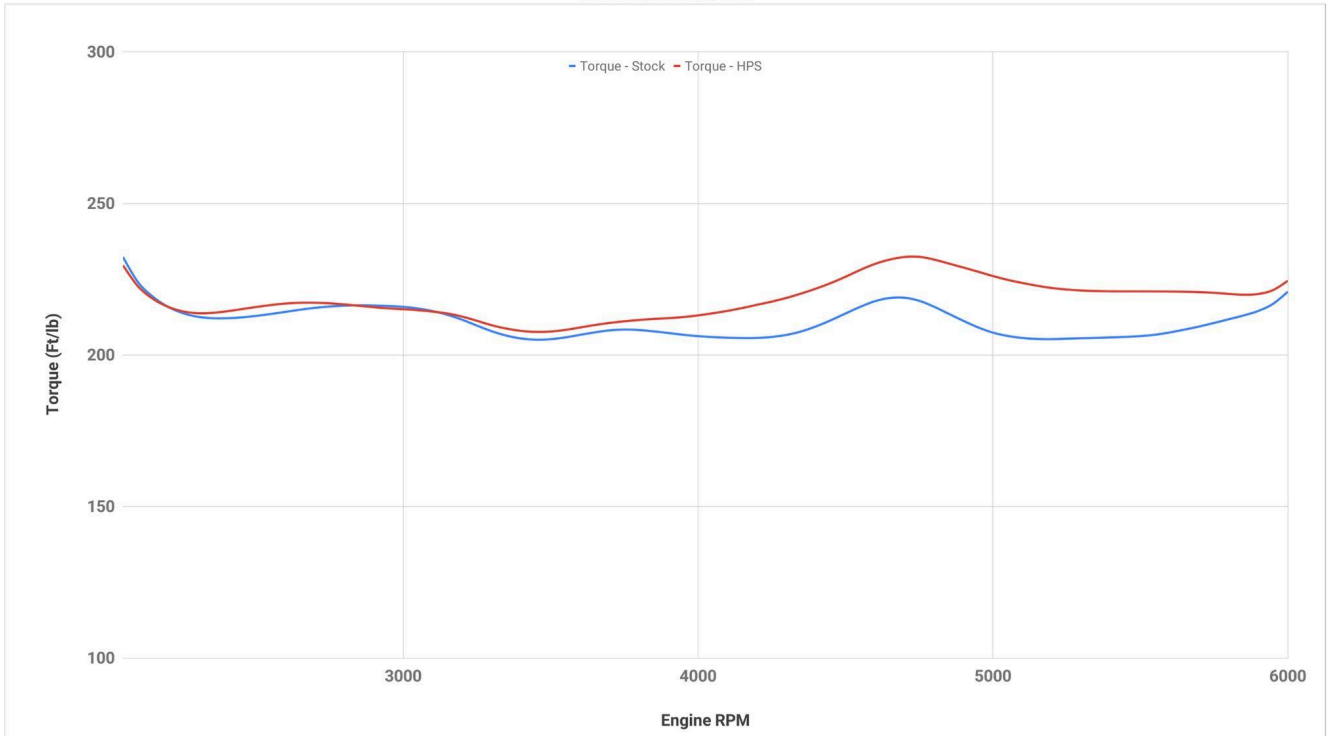
Tested Vehicle 2016 Lexus GS350 3.5L V6



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2015-2025 Lexus RC350 3.5L V6
Part Number: 827-682

Maximum Torque Gains = 12.2 ft/lb @ 4500 rpm

Tested Vehicle 2016 Lexus GS350 3.5L V6



Also available for:
Lexus 2013-2020 GS350 3.5L V6
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Lexus 2015-2025 RC350 3.5L V6

	**HPS Performance Replacement Air Filter** **For Intake Kit 827-682** **Part Number HPS-4302**
	**HPS Performance Air Filter Cleaning Kit** **Part Number HPS-AFRC**
	**HPS Magnetic Engine Oil Drain Plug** **Part Number MDP-M12x125**
	**HPS Magnetic Differential Oil Drain Plug** **Part Number MDP-M18x150-L30**

	**HPS Aluminum Oil Cap** **Part Number 5629-105**

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