



Performance Air Intake Kit

Part Number: 827-682

Lexus 2013-2020 GS350 3.5L V6

Lexus 2016-2025 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-5:00pm Pacific Time.

Bill of Materials

Kit Number: 827-682

Line #	Description	Part Number	Qty
1	Air Intake Pipe	529-586	1
2	Heatshield	531-588	1
3	HPS Performance Air Filter	HPS-4302	1
4	Bracket for Heat Shield	530-587	1
5	3.00" – 3.12" Reducer Coupler x 3" Long	P3SR-300-312-L3	1
6	3.00" – 3.50" Reducer Coupler x 3" Long	P3SR-300-350-L3	1
7	T-bolt clamp for 3.00"	SSTC-79-87	2
8	T-bolt clamp for 3.12"	SSTC-83-91	1
9	T-bolt clamp for 3.50"	SSTC-95-103	1
10	3.50" to 6.00" Velocity Stack	HW-VS-350-600	1
11	M6 Bolt x 12mm long	HW-B6-12	2
12	M6 Bolt x 20mm long	HW-B6-20	1
13	M4 Allen Bolts x 8mm long	HW-B4-8	2
14	6mm Flange Nut	HW-N6	6
15	6mm Flat Washer x 16mm OD	HW-FW6L	5
16	M6 x 5mm Thick Spacer	94669A165	1
17	Rubber Vibration Mount 6mm x 1/2" Tall	HW-RM6-50	1
18	Edge Trim with bulb	7750B2X1/16C	36 inches
19	Thin Edge Trim	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.

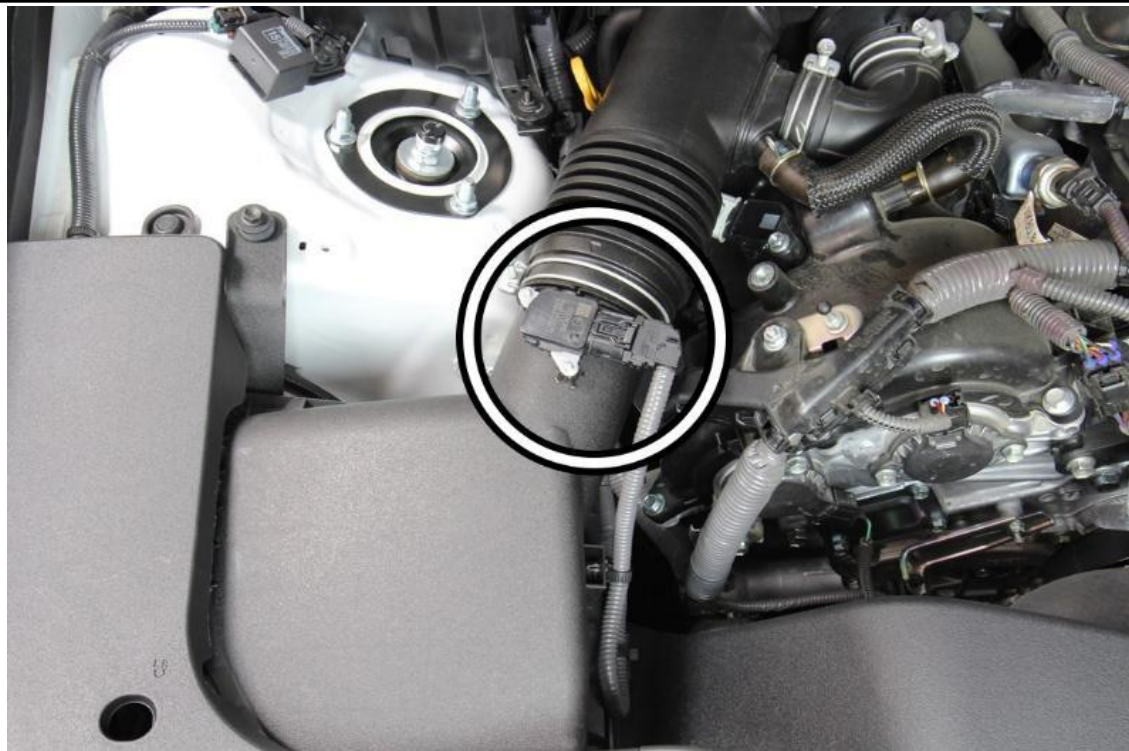
GETTING STARTED

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.

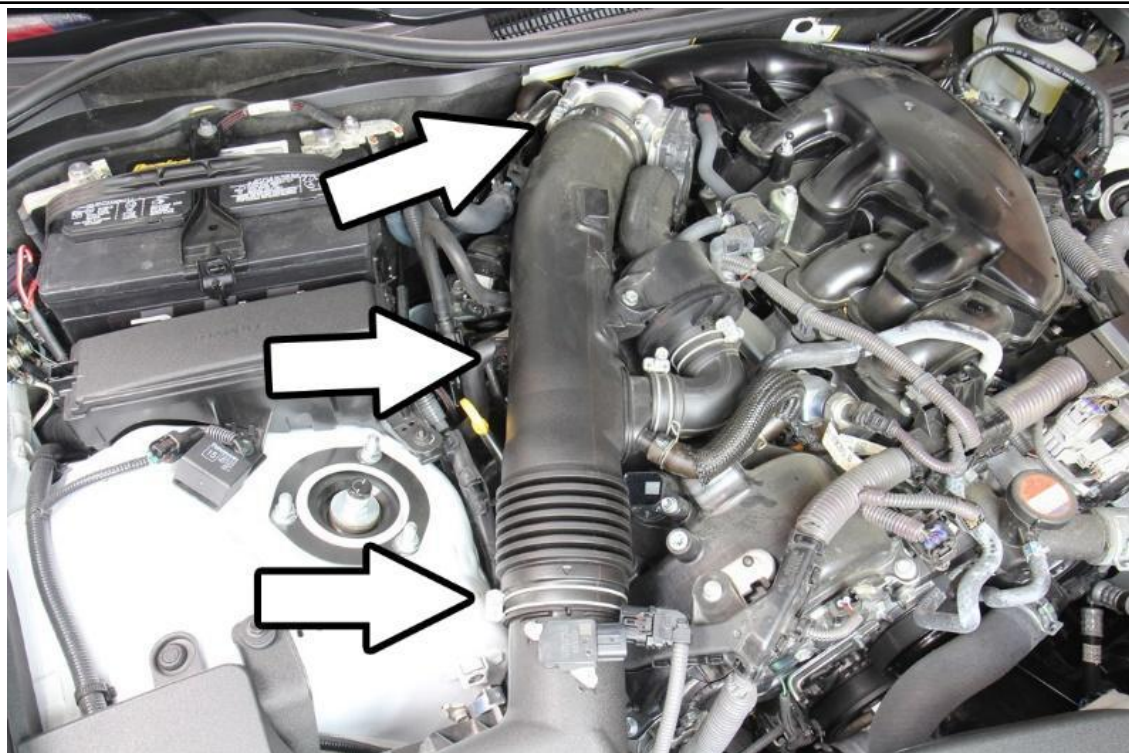
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



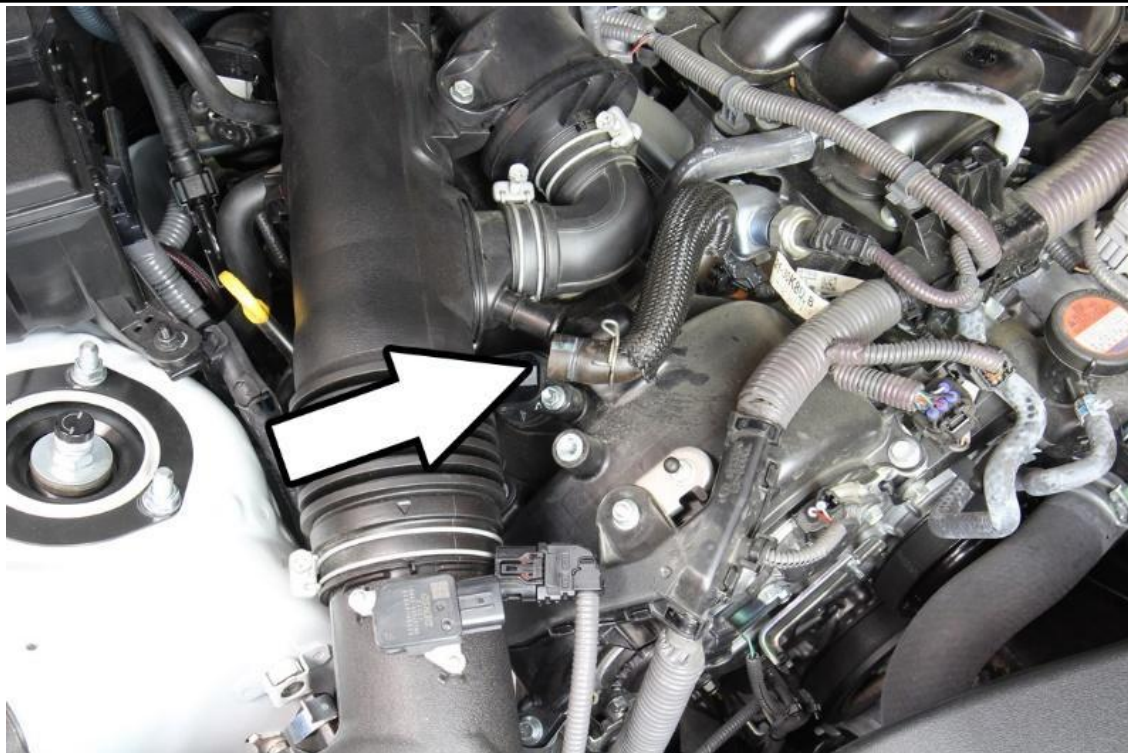
2. Lift and remove the engine cover from the vehicle.



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



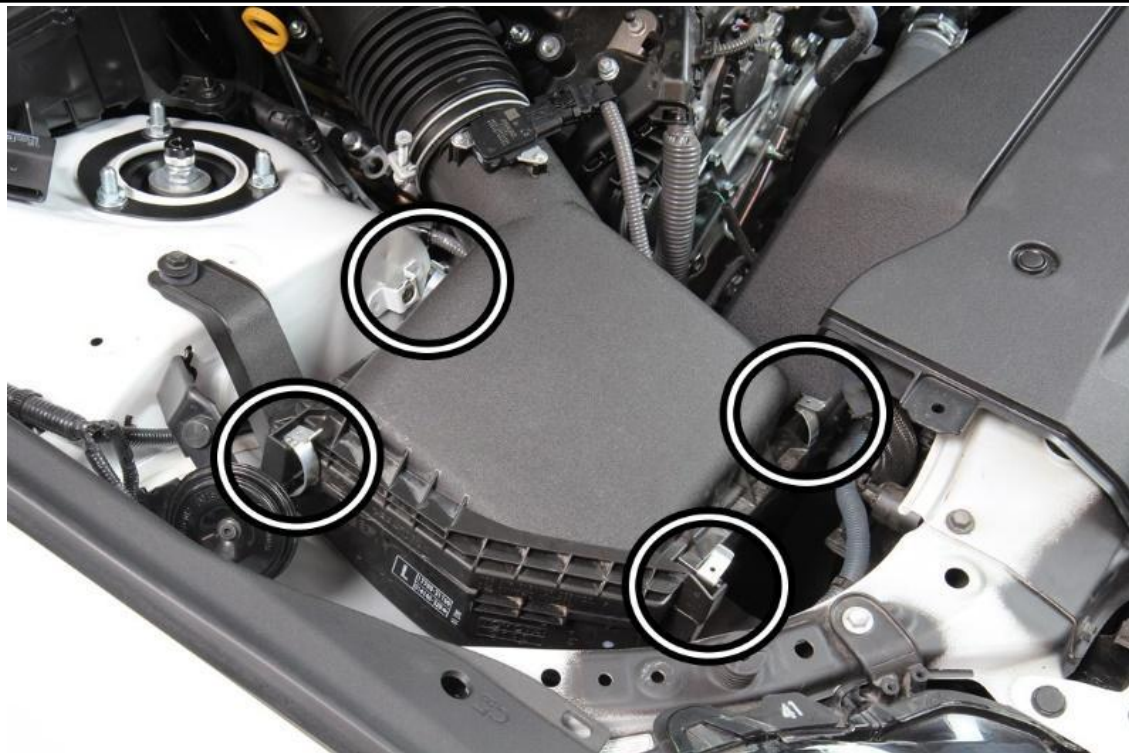
4. Loosen the hose clamps securing the intake tube from the air box and the throttle body. Then, disconnect the hose clip attached to the intake tube.



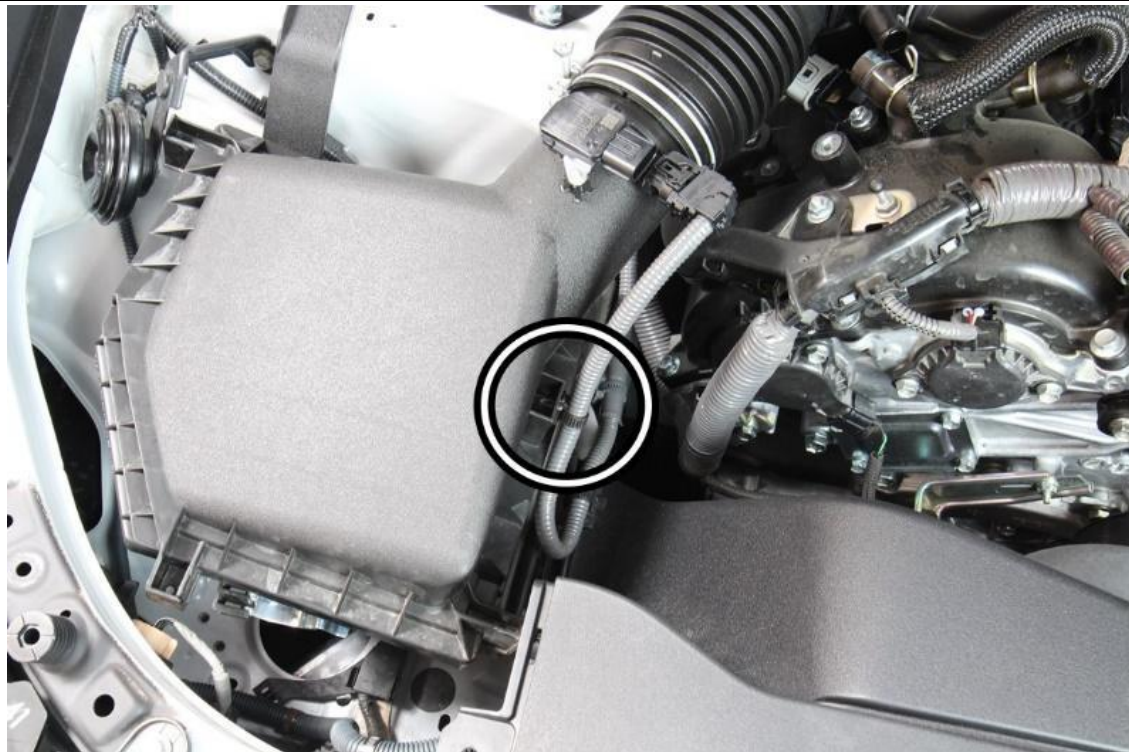
5. Depress the hose clamp to disconnect the crank case breather hose from the stock intake tube.



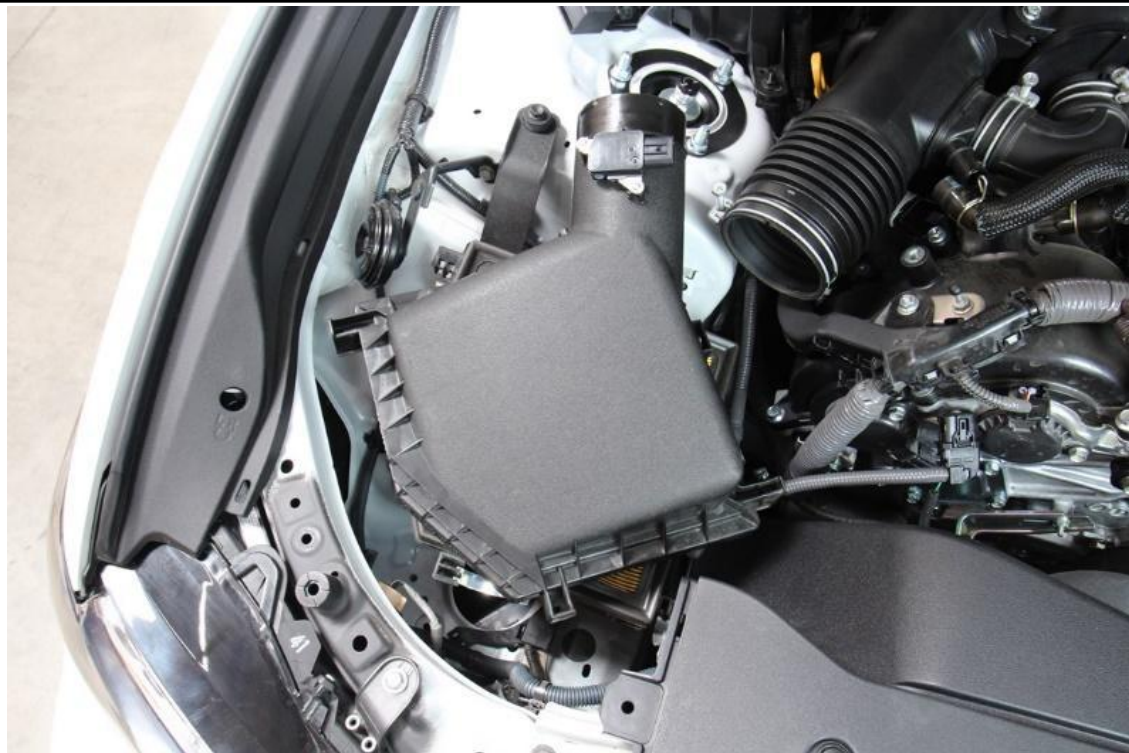
6. Remove the factory clips securing the engine bay cover and remove the covers from vehicle.



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



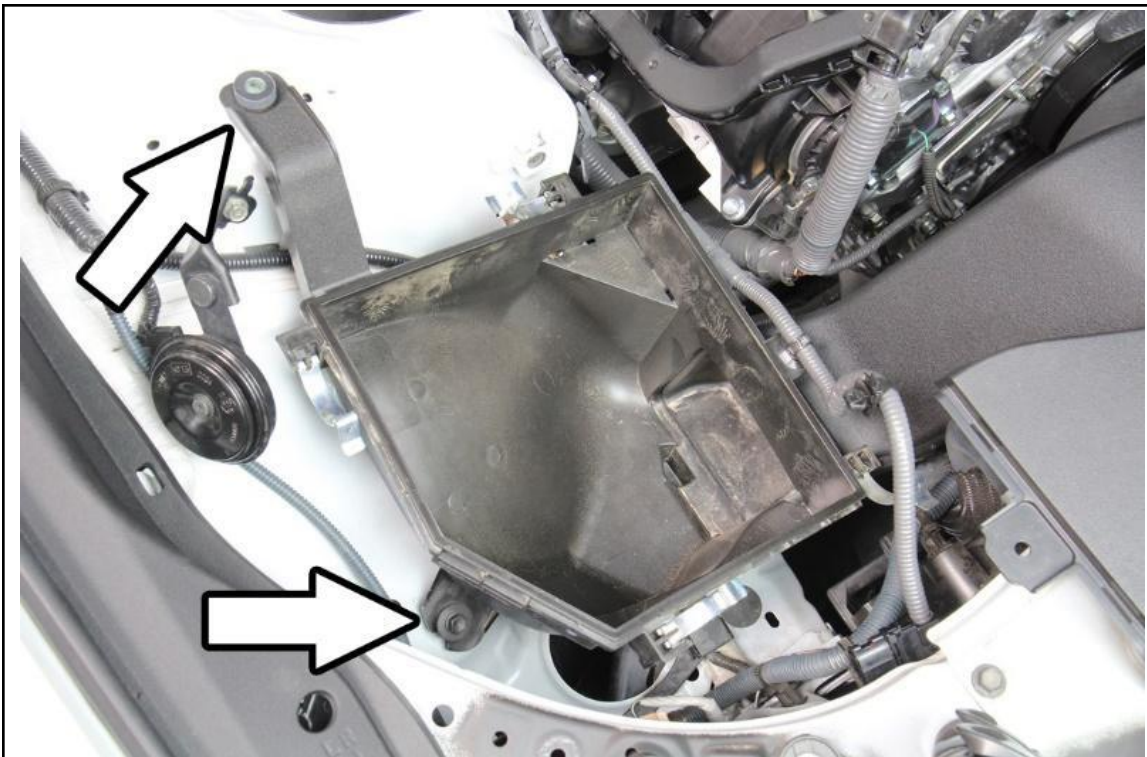
8. Disconnect the mass air flow sensor electrical harness clip from the upper air box.



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



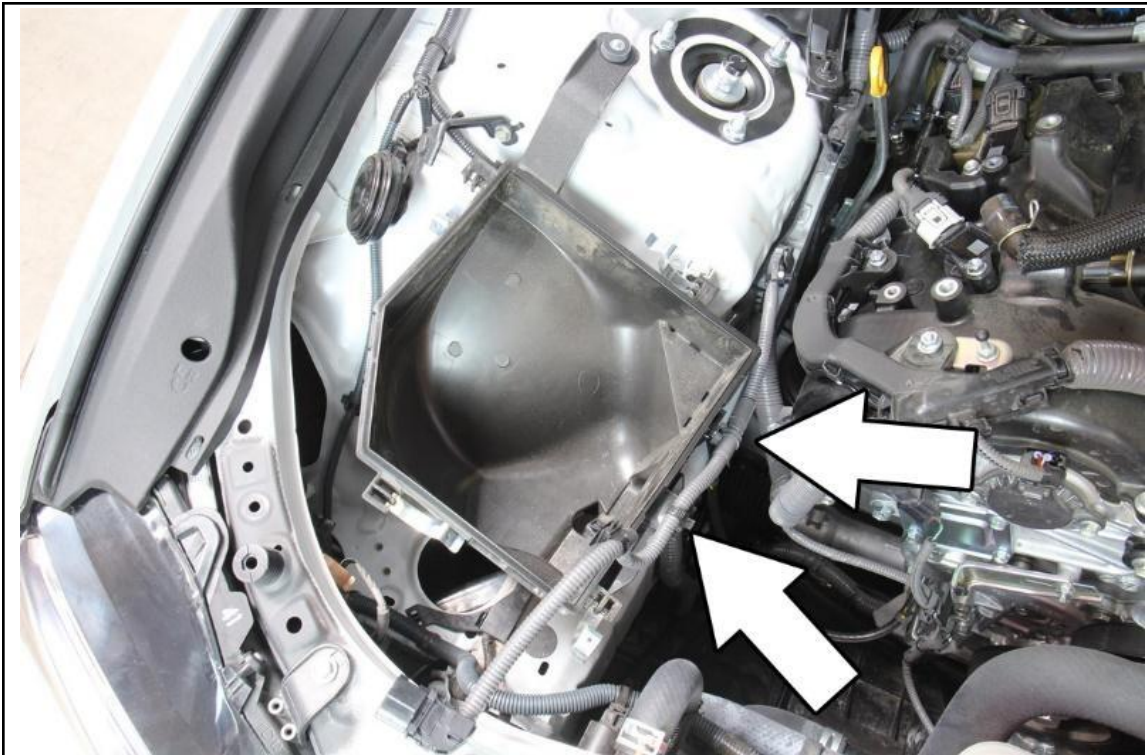
10. Disconnect the stock intake tube from the throttle body and remove it from the vehicle.



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



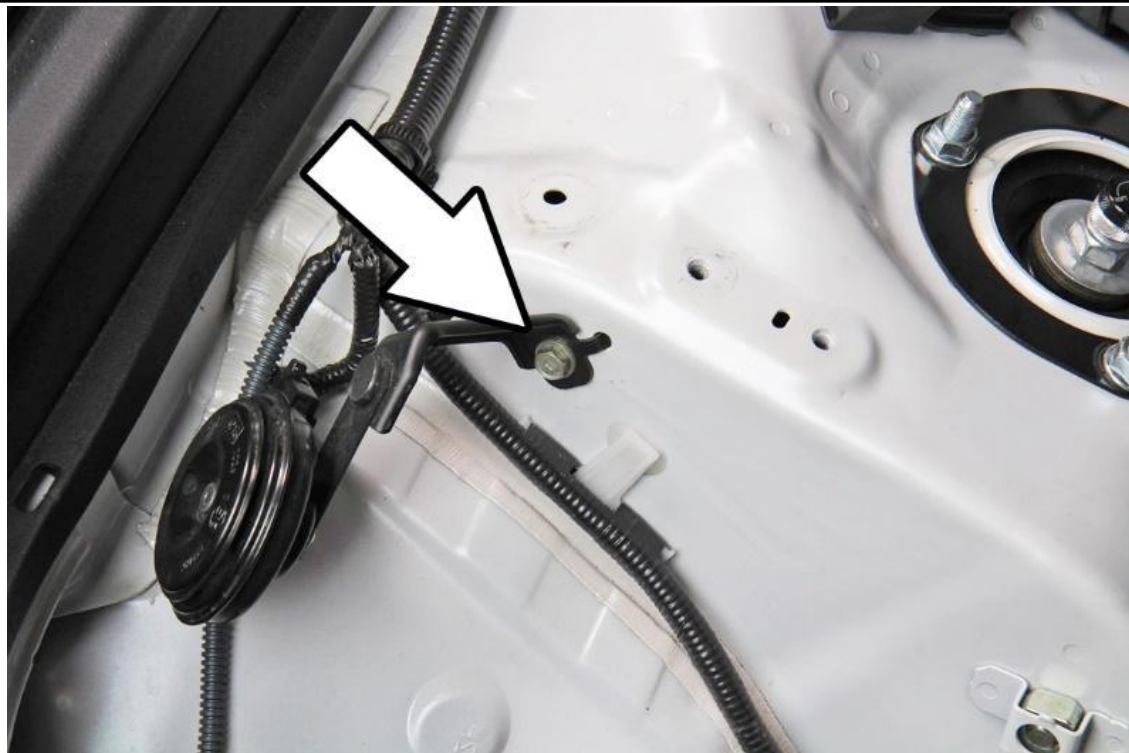
12. Remove the 10mm bolt securing the factory air duct and remove the air duct from the vehicle.



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 along with the provided T-bolt clamps onto the throttle body.



15. Disconnect the bolt securing the air horn bracket.



16. Install the M6 x 6mm thick .0 between the Heatshield bracket onto the air horn mounting hole. Secure the bracket using the M6 x 20mm 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. Install and secure the vibration mount using a washer and nut onto the heatshield.



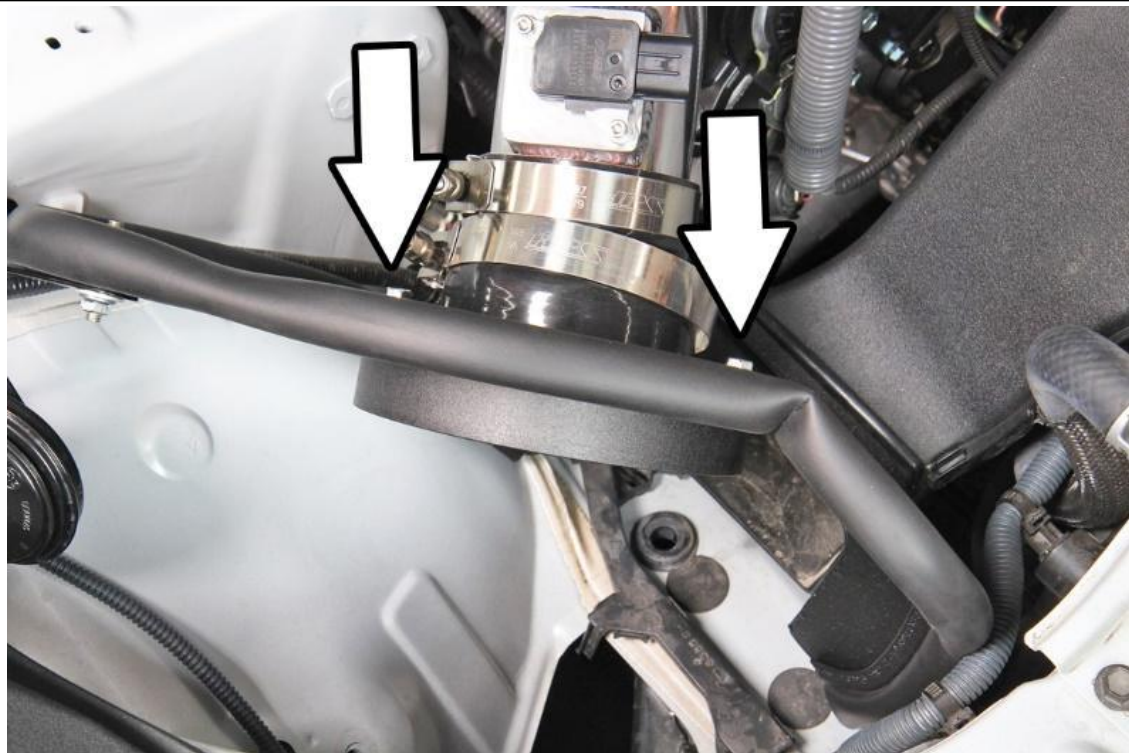
19. Re-install the factory air duct into the vehicle. Then insert the HPS heatshield and secure the vibration mount to the heatshield bracket.



20. Install the factory mass air flow sensor onto the HPS intake. Secure the sensor using the provided M4 x 8mm 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. Insert the velocity stack into the intake coupler and secure the velocity stack to the heatshield with the provided M6 x 12mm bolts and washers. Position the intake pipe to the proper position and tighten all the t-bolt clamps securing the intake pipe to the couplers.



23. Re-insert 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 covers back onto the vehicle.

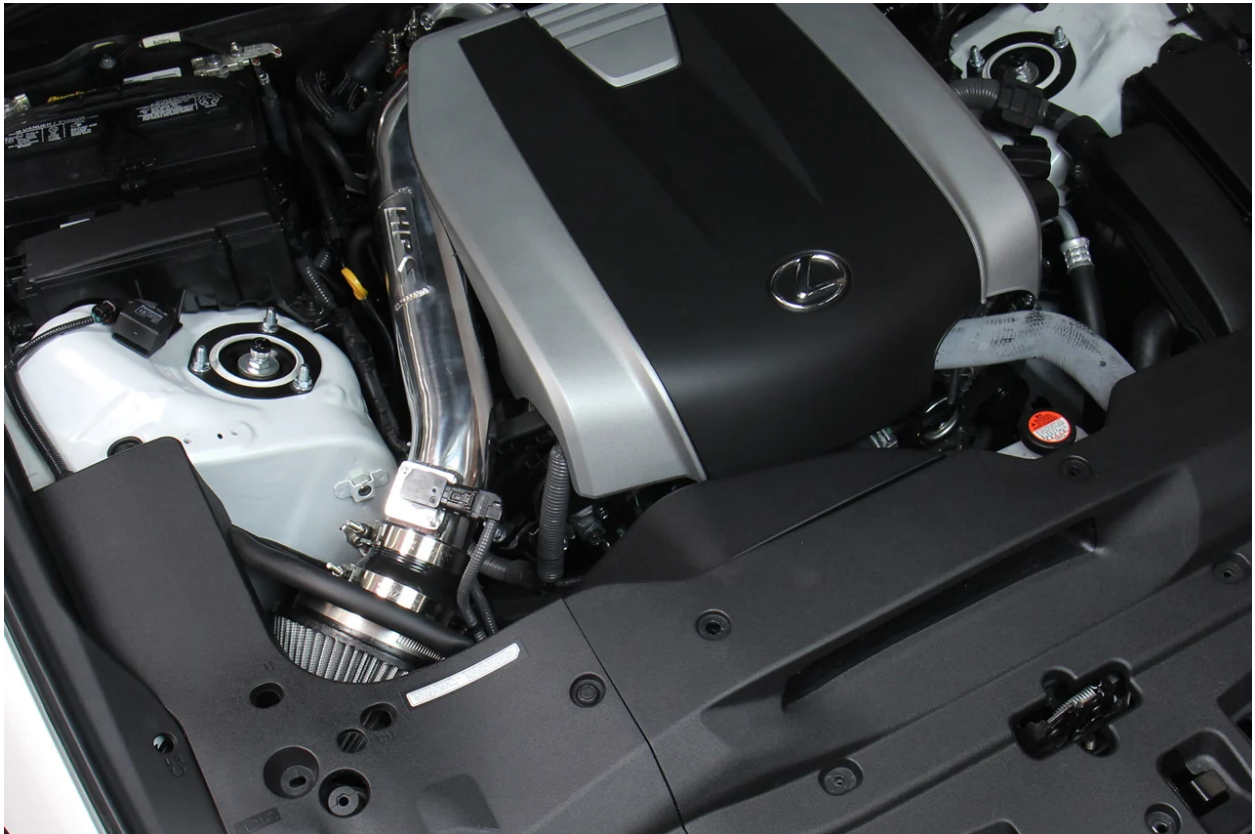
FINAL STEPS

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.

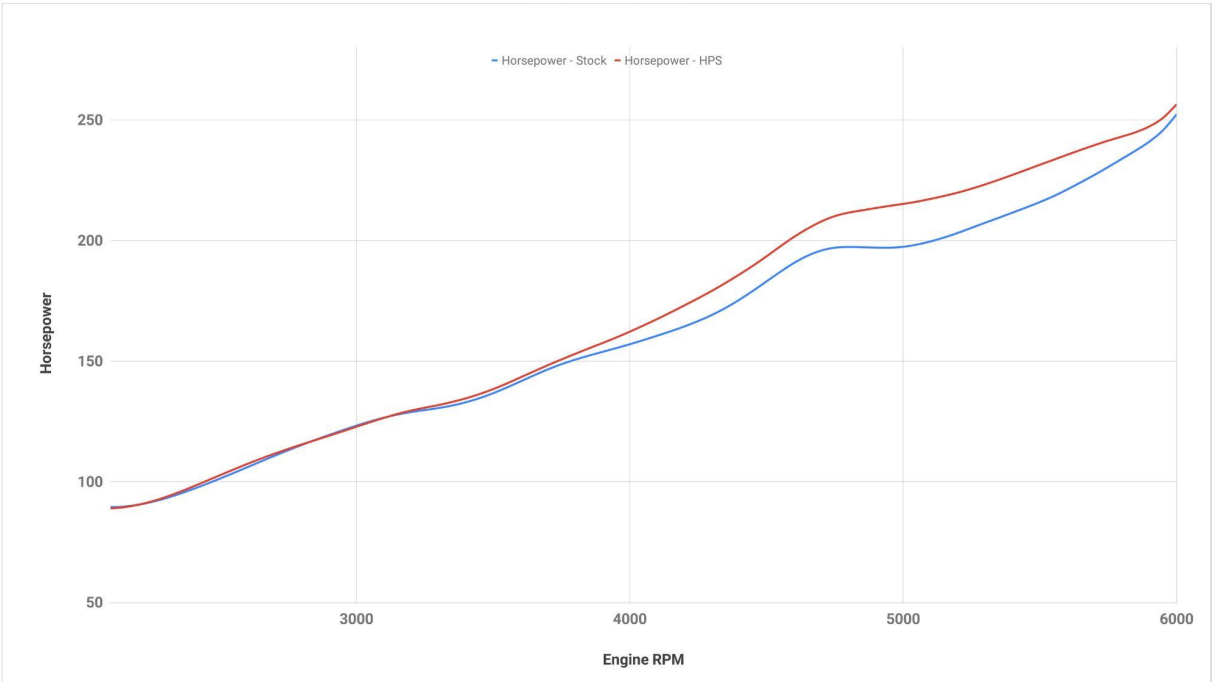
Periodically, recheck the alignment of the intake kit and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.



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

Maximum Horsepower Gains = 10.4 whp @ 4500 rpm

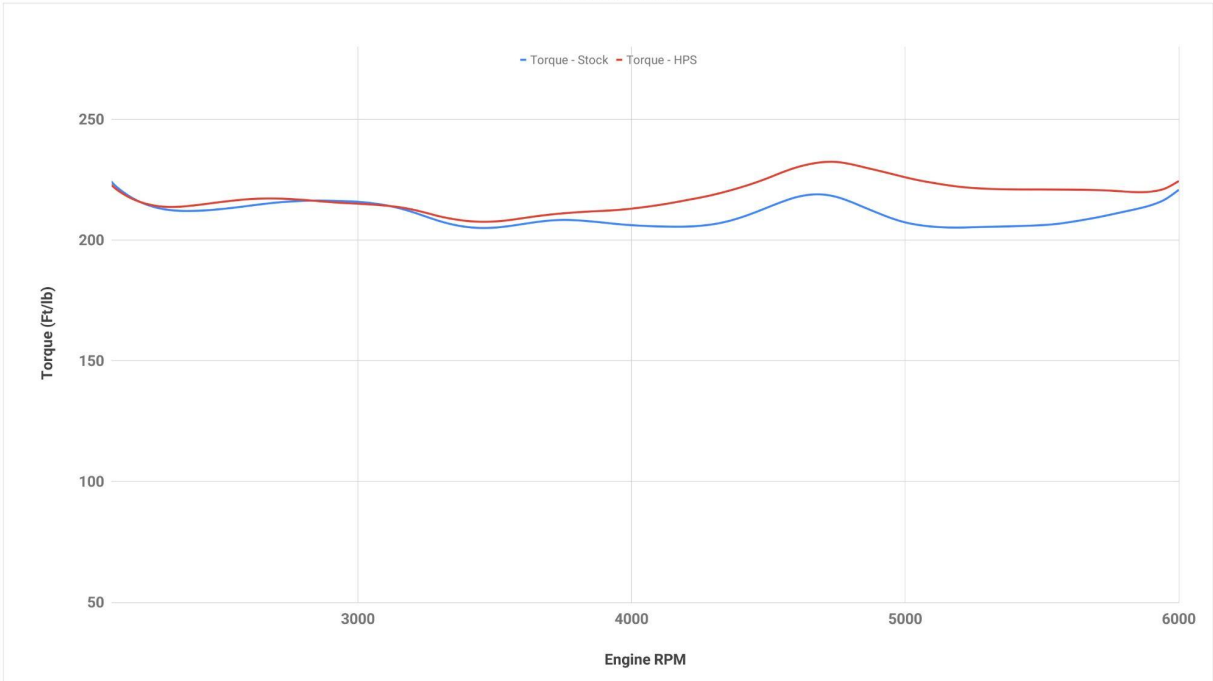
Tested Vehicle 2016 Lexus GS350 3.5L V6



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Maximum Torque Gains = 12.2 ft/lb @ 4500 rpm

Tested Vehicle 2016 Lexus GS350 3.5L V6



Also available for:

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HPS Magnetic Engine Oil Drain Plug

Part Number [MDP-M12x125](#)



HPS Magnetic Differential Oil Drain Plug

Part Number [MDP-M18x150-L30](#)

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