Performance Air Intake Kit

Part Number: 827-623

2014-2015 Lexus IS250 2.5L V6
2014-2020 Lexus IS350 3.5L V6
2016-2020 Lexus IS300 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: 827-623

Line #	Description	Part Number	Qty
1	Air Intake Pipe	529-333	1
2	Heat Shield	531-394	1
3	Intake Bracket	530-334	1
4	HPS Performance Air Filter	HPS-4276	1
5	T-Bolt Clamp, 83mm - 91mm	SSTC-83-91	1
6	T-Bolt Clamp, 79mm - 87mm	SSTC-79-87	1
7	Reducer Coupler, 3” - 3-1/8" ID, 3” Long	P3SR-300-312-L3	1
8	Rubber Vibration Mount, M6, 1/2" Tall	HW-RM6-50	1
9	Bolt, M6,12mm Long	HW-B6-12	3
10	Flat Washer, M6, 16mm OD	HW-FW6L	5
11	Flange Nut, M6	HW-N6	2
12	Allen Bolt, M4, 8mm Long	HW-B4-8	2
13	Edge Trim - Bubble	75B7X1/16	22 inches
14	Edge Trim - Thin	7750B2X1/16C	17 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.

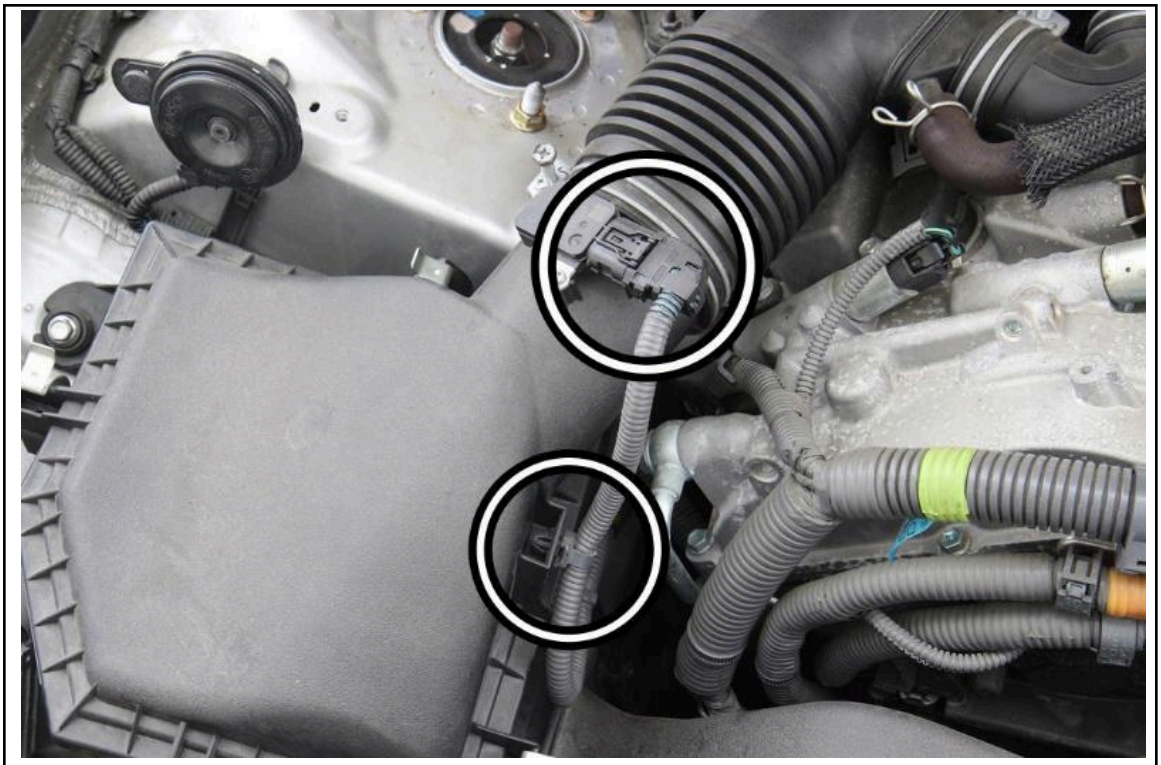
GETTING STARTED

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.

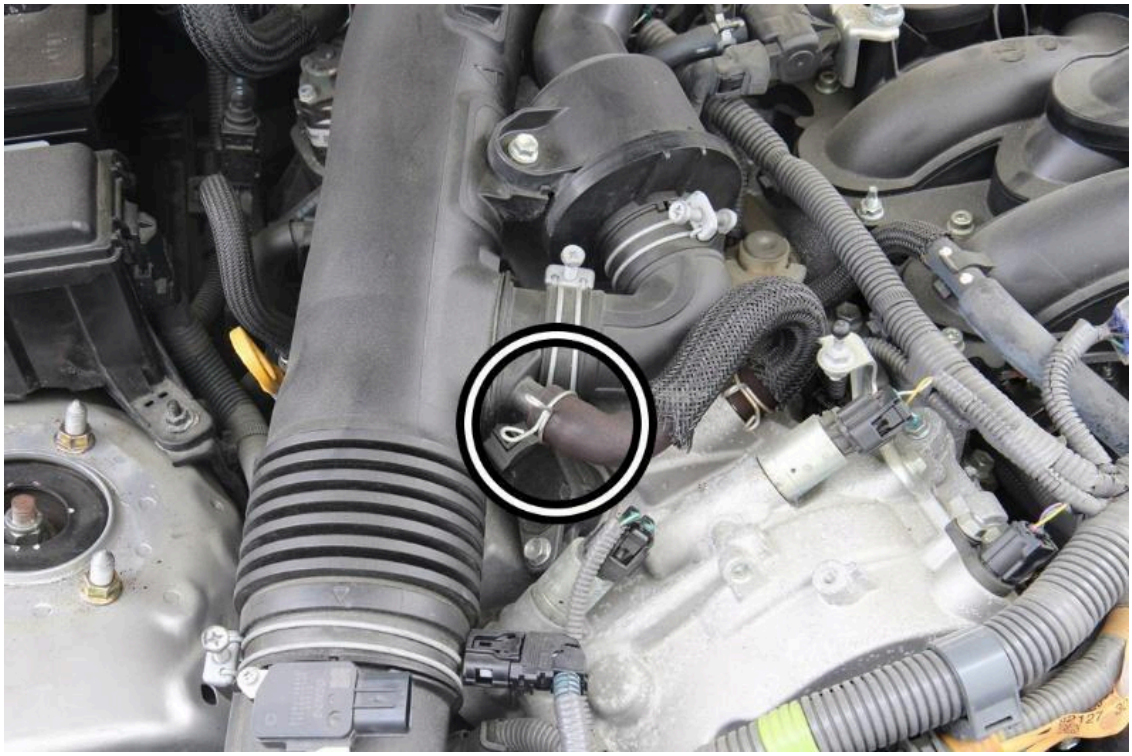
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



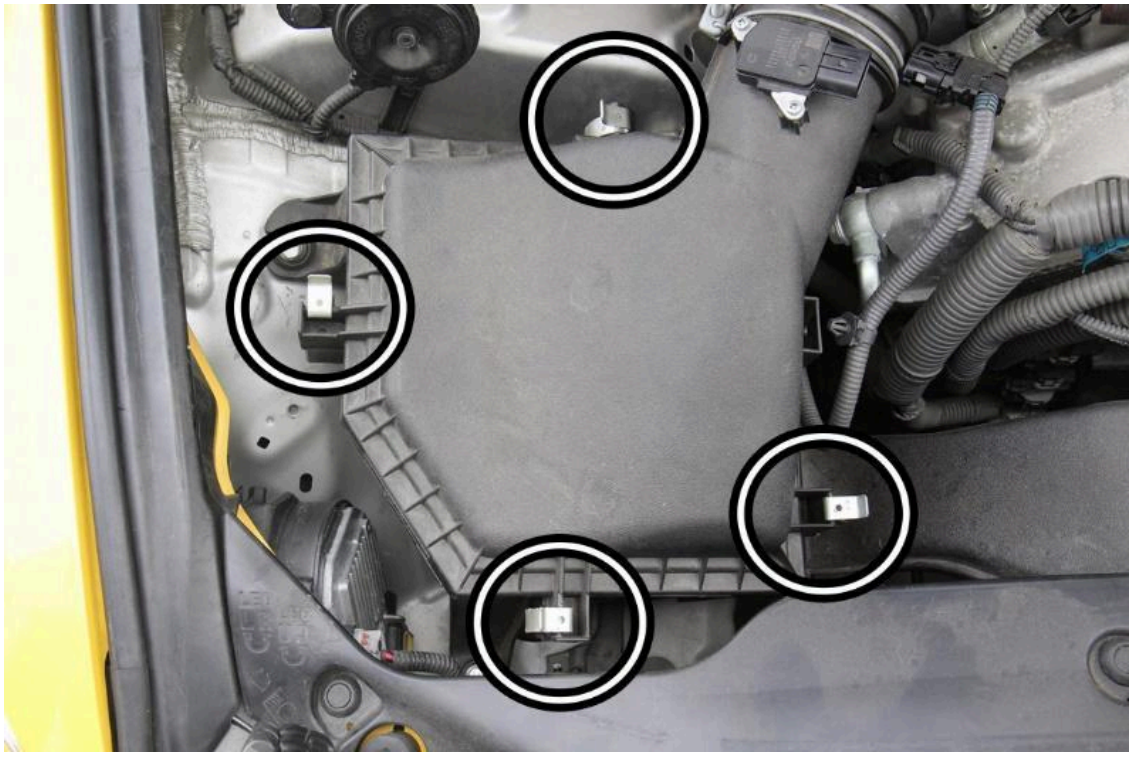
3. Disconnect the mass air flow sensor connector and separate the harness clip from the air box.



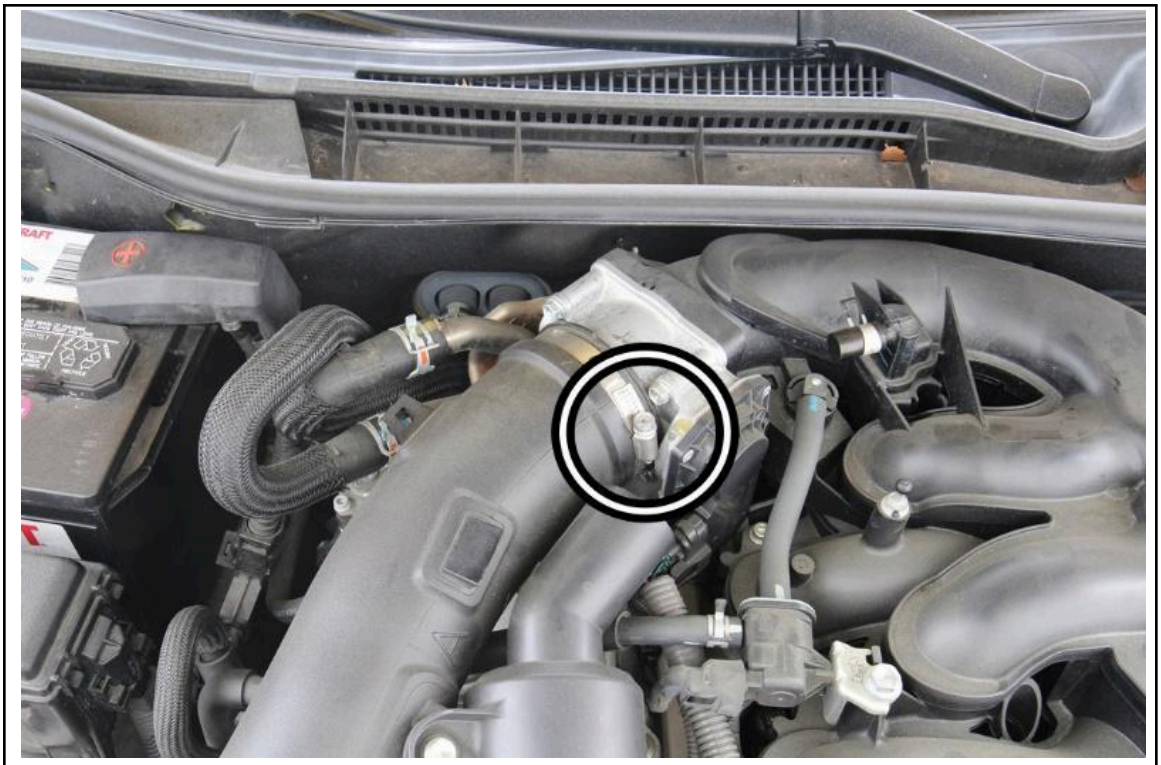
4. Disconnect the breather hose from the stock intake tube.



5. Unclip the hose from the bracket under the intake tube.



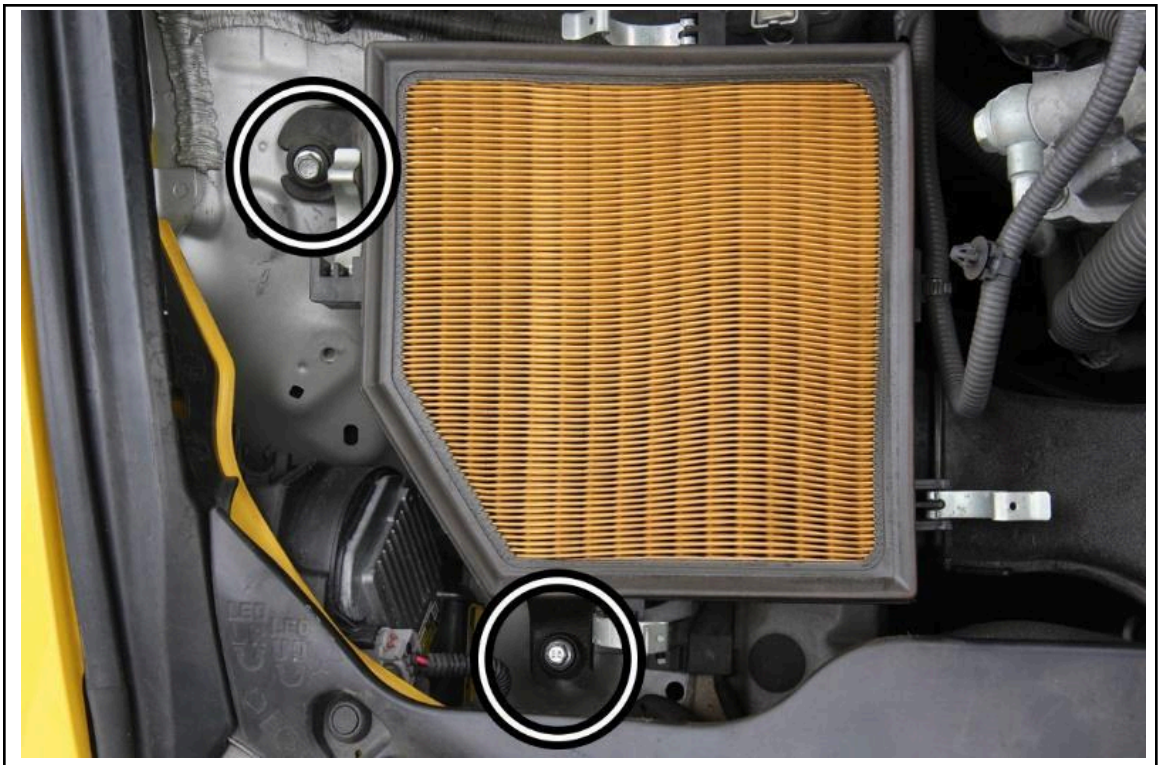
6. Unclip the four retaining clips securing the air box lid.



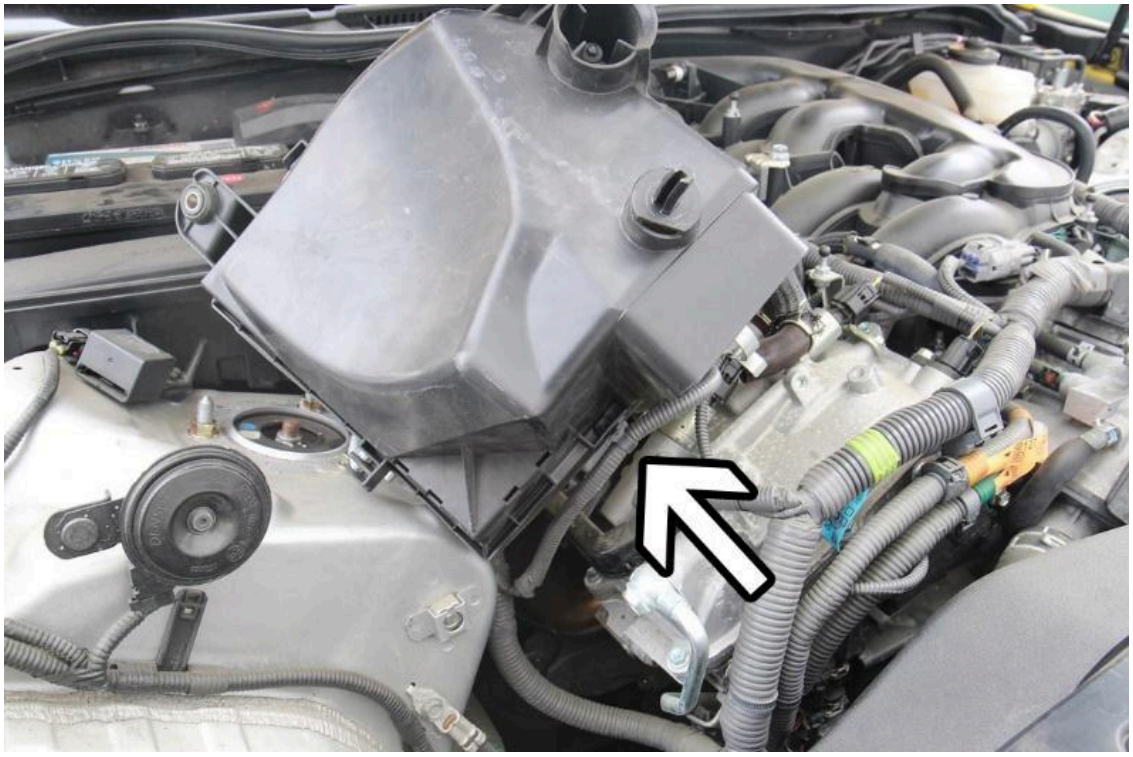
7. Loosen the hose clamp securing the throttle body.



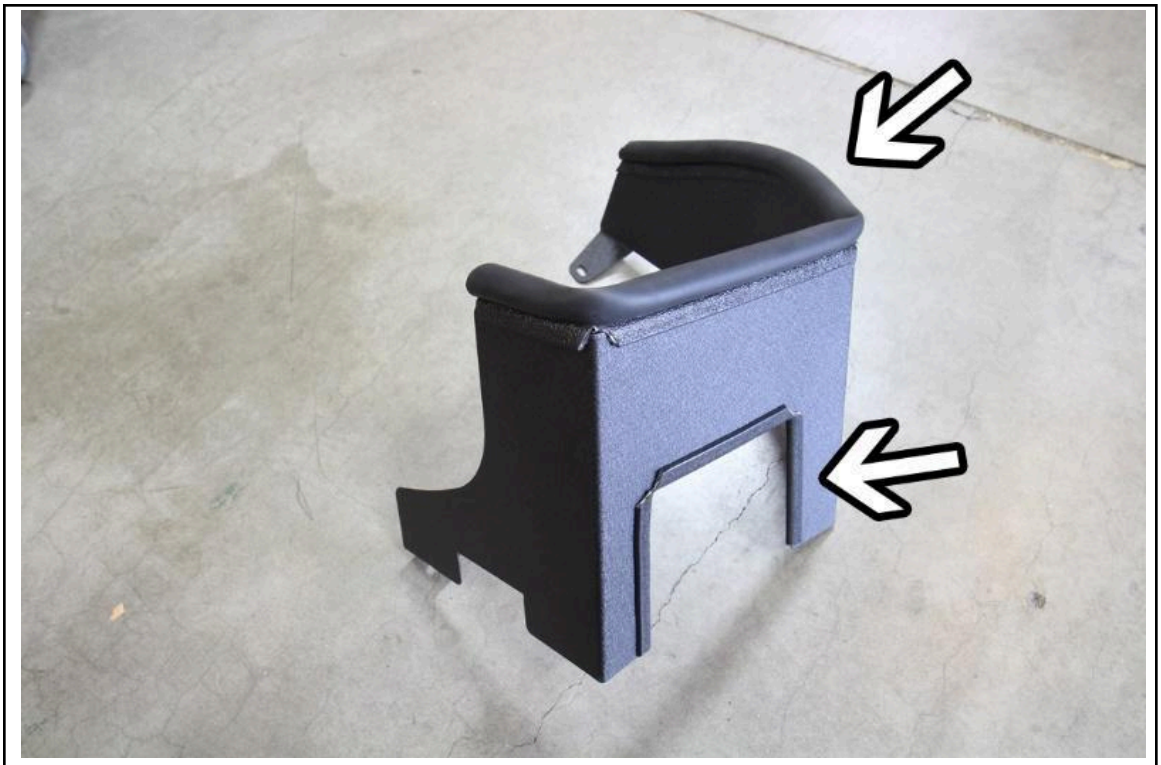
8. Remove the intake tube assembly and the air box lid from the vehicle.



9. Remove the two bolts securing the lower air box.



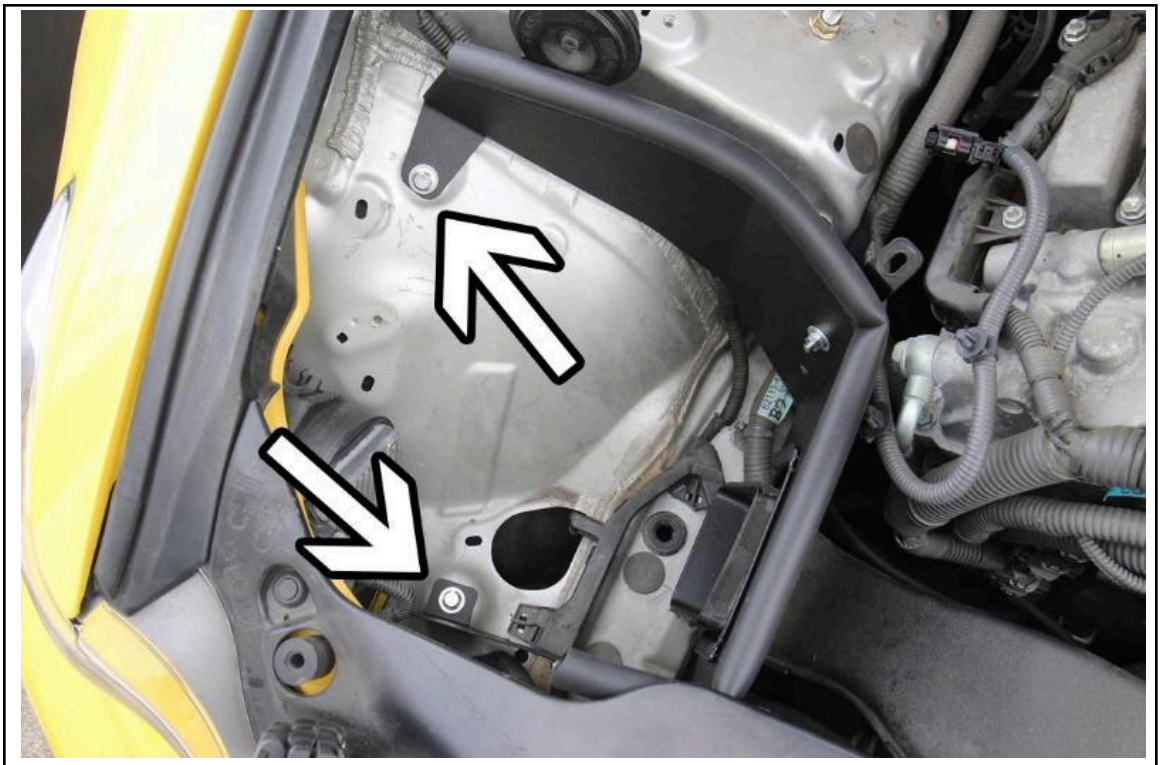
10. Flip over the lower air box assembly and disconnect the MAF sensor harness clip to completely separate the lower air box. Remove the lower air box from the vehicle.



11. Install the bubble edge trim along the top edge and then install the thin edge trim onto the “U” channel of the heat shield.



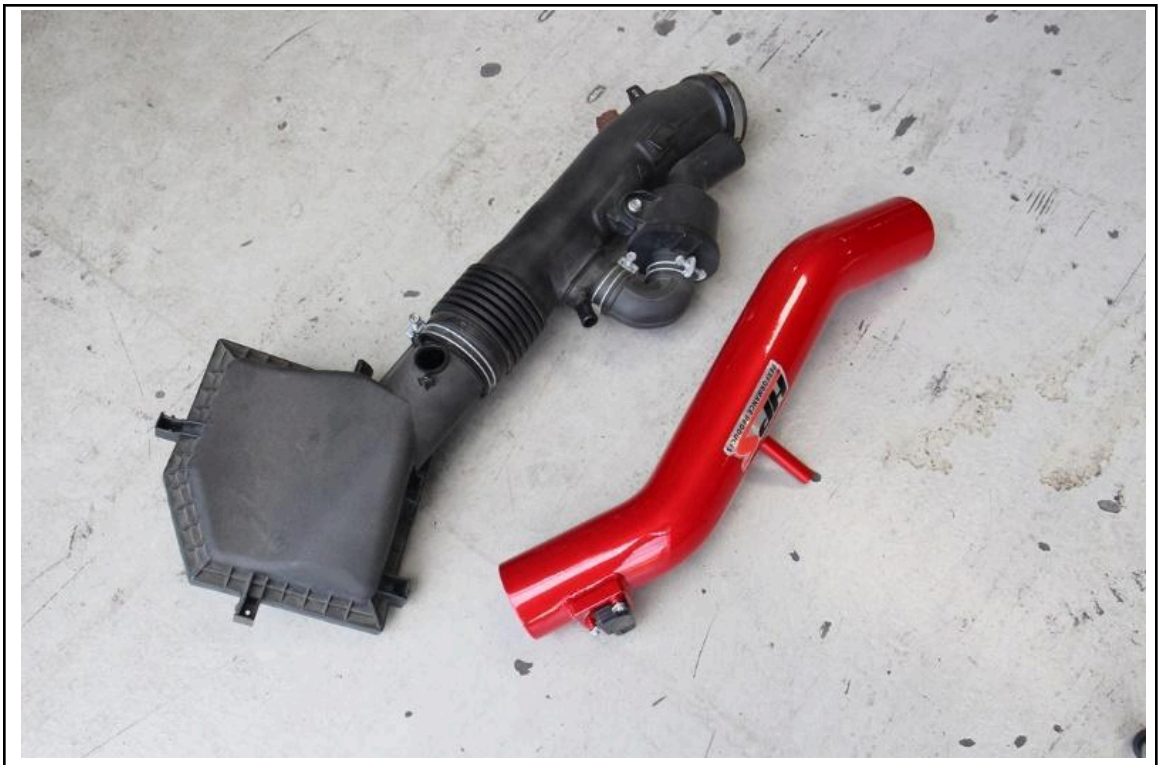
12. Install the 1/2 inch tall rubber vibration mount onto the heat shield. Secure the mount using the nut and washer provided in the hardware kit. Then install the intake bracket onto the rubber vibration mount using a nut and washer.



13. Place the heat shield into the vehicle and secure it using two 6mm bolts and washers provided in the hardware kit.



14. Secure the silicone coupler onto the throttle body using a T-bolt clamp. Loosely fit the second T-bolt clamp on the other end of the coupler.



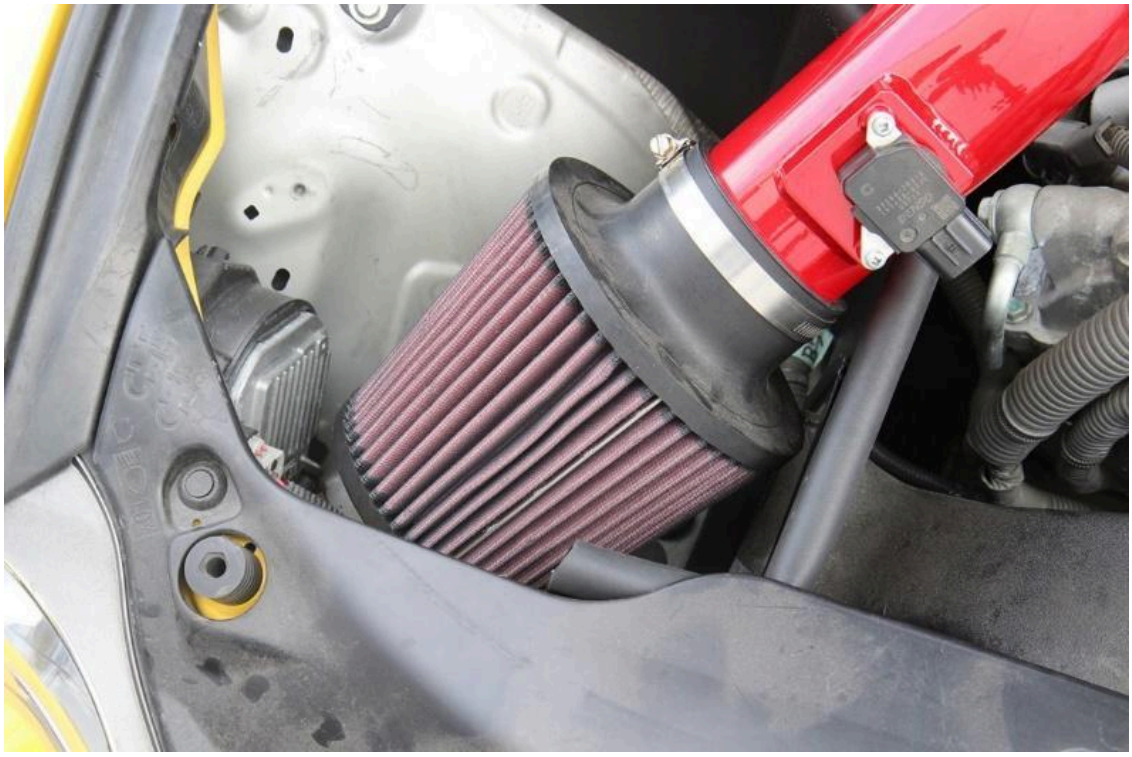
15. Remove the MAF sensor from the factory air box and install it onto the HPS intake pipe using the two M4 screws included in the kit.



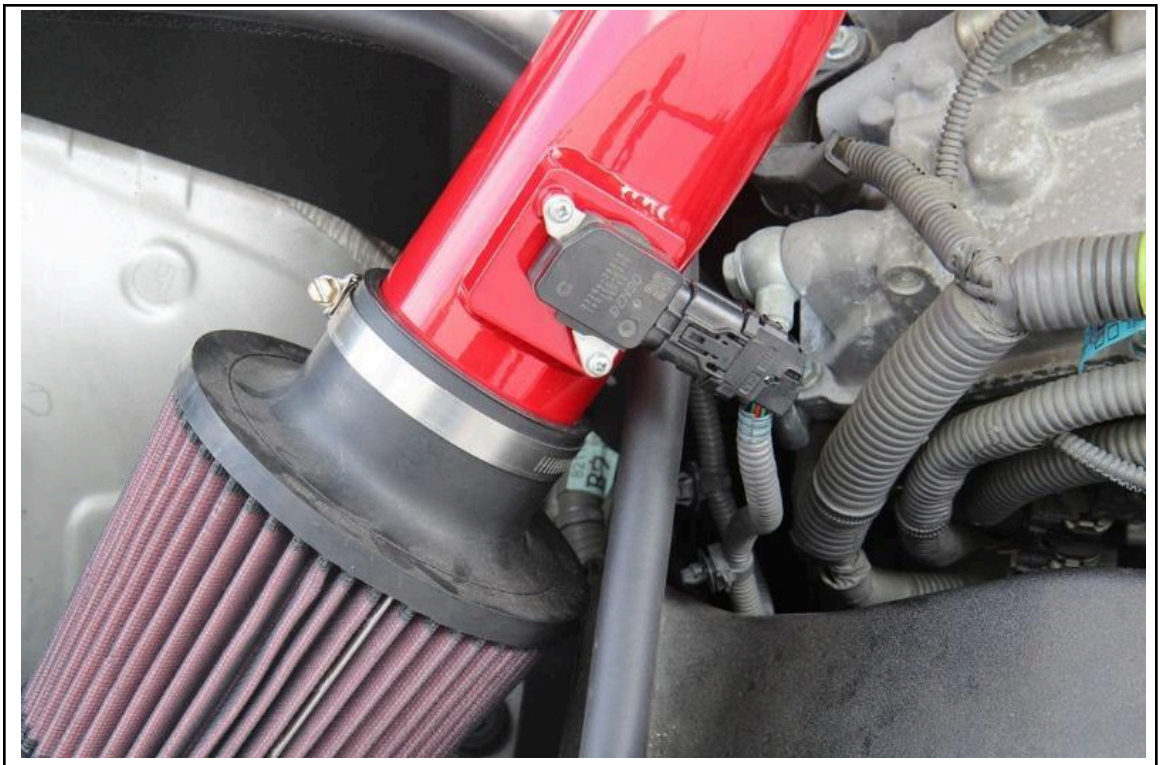
16. Insert the HPS intake pipe into the coupler and secure the HPS intake pipe to the bracket using a M6 bolt and washer supplied in the hardware kit. Once the pipe is correctly positioned, tighten the second T-bolt clamp by the throttle body.



17. Reinstall the breather hose onto the HPS intake barb.



18. Install the HPS air filter onto the HPS intake.



19. Reconnect the MAF sensor harness back onto the sensor.



20. Reinstall the engine cover back onto the vehicle.

FINAL STEPS

Once the intake has been positioned, tighten all of the clamps and secure all of the parts.

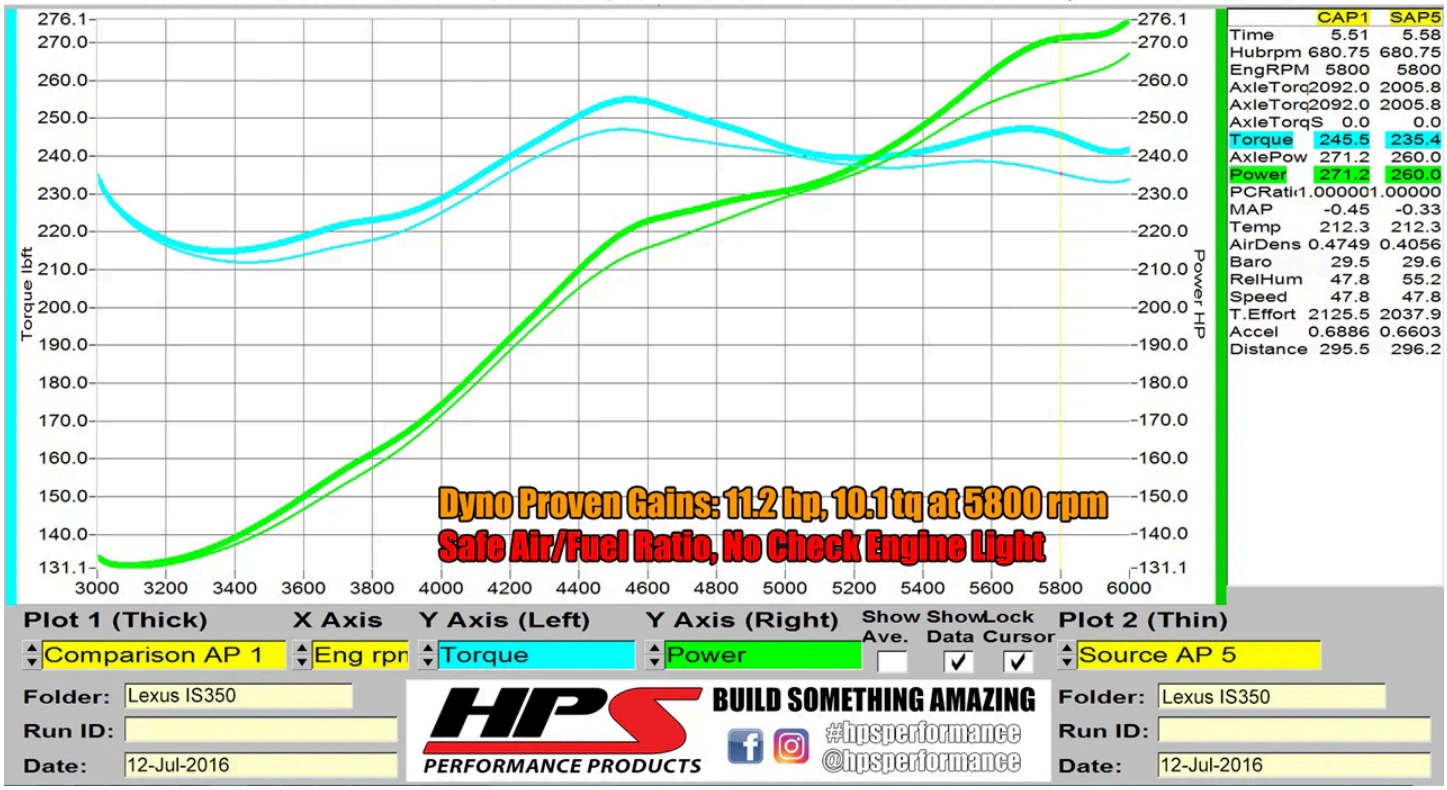
Upon completion of the installation, reconnect the negative battery terminal before you start the engine. Double check to make sure everything is tight and properly positioned before starting the vehicle.

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 (827 Series) 14-17 Lexus IS250 2.5L V6, IS350 3.5L V6 | Part Number 827-623



	CAP1	SAP5
Time	5.51	5.58
Hubrpm	680.75	680.75
EngRPM	5800	5800
AxleTorq	2092.0	2005.8
AxleTorq	2092.0	2005.8
AxleTorqS	0.0	0.0
Torque	245.5	235.4
AxlePow	271.2	260.0
Power	271.2	260.0
PCRatio	1.00000	1.00000
MAP	-0.45	-0.33
Temp	212.3	212.3
AirDens	0.4749	0.4056
Baro	29.5	29.6
RelHum	47.8	55.2
Speed	47.8	47.8
T.Effort	2125.5	2037.9
Accel	0.6886	0.6603
Distance	295.5	296.2

Plot 1 (Thick)	X Axis	Y Axis (Left)	Y Axis (Right)	Show Ave.	Show Data	Lock Cursor	Plot 2 (Thin)
Comparison AP 1	Eng rpm	Torque	Power	☐	☑	☑	Source AP 5

Folder:	Lexus IS350		Folder: Lexus IS350
Run ID:			Run ID:
Date:	12-Jul-2016		Date: 12-Jul-2016

HPS PERFORMANCE PRODUCTS

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Also available for:
2014-2015 Lexus IS250 3.5L V6
2014-2020 Lexus IS350 3.5L V6
2016-2020 Lexus IS300 3.5L V6

	**HPS Performance Replacement Air Filter** **For Intake Kit 827-623** **Part Number HPS-4276**
	**HPS Silicone Radiator Hose Kit** **Part Number 57-1859**
	**HPS Air Filter Cleaning Kit** **Part Number HPS-AFRC**
	**HPS Stainless Steel Magnetic Oil Drain Plug** **Part Number MDP-M12x125**

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