



## Performance Charge Pipe Kit (Hot Side)

**Part Number: 17-122**

**2016-2017 Lexus IS200T 2.0L Turbo**

**2018-2025 Lexus IS300 2.0L Turbo**

**2016-2017 Lexus RC200T 2.0L Turbo**

**2018-2025 Lexus RC300 RWD 2.0L Turbo**

**2016-2017 Lexus GS200T 2.0L Turbo**

**2018-2019 Lexus GS300 2.0L 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-4:30pm Pacific Time.

# Bill of Materials

## Kit Number: 17-122

Line #	Description	Part Number	Qty
1	HPS Charge Pipe	529-589	1
2	Reducer Coupler, 2-1/8" - 2-1/2" ID, 3" Long	HTSR-212-250-BLK	1
3	Reducer Coupler, 2-3/8" - 2-1/2" ID, 4" Long	HTSR-238-250-L4-BLK	1
4	Bracket	530-430	1
5	T-Bolt Clamp, 60mm - 68mm	SSTC-60-68	1
6	T-Bolt Clamp, 67mm - 75mm	SSTC-67-75	1
7	T-Bolt Clamp, 70mm -78mm	SSTC-70-78	2
8	NPT Plug, 1/8"	4464K561	2

- Before installing any parts of this charge pipe kit, please read the instructions thoroughly.
- Verify the contents of this charge pipe 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 charge pipe kit while the engine is hot.
- This installation may require 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!**

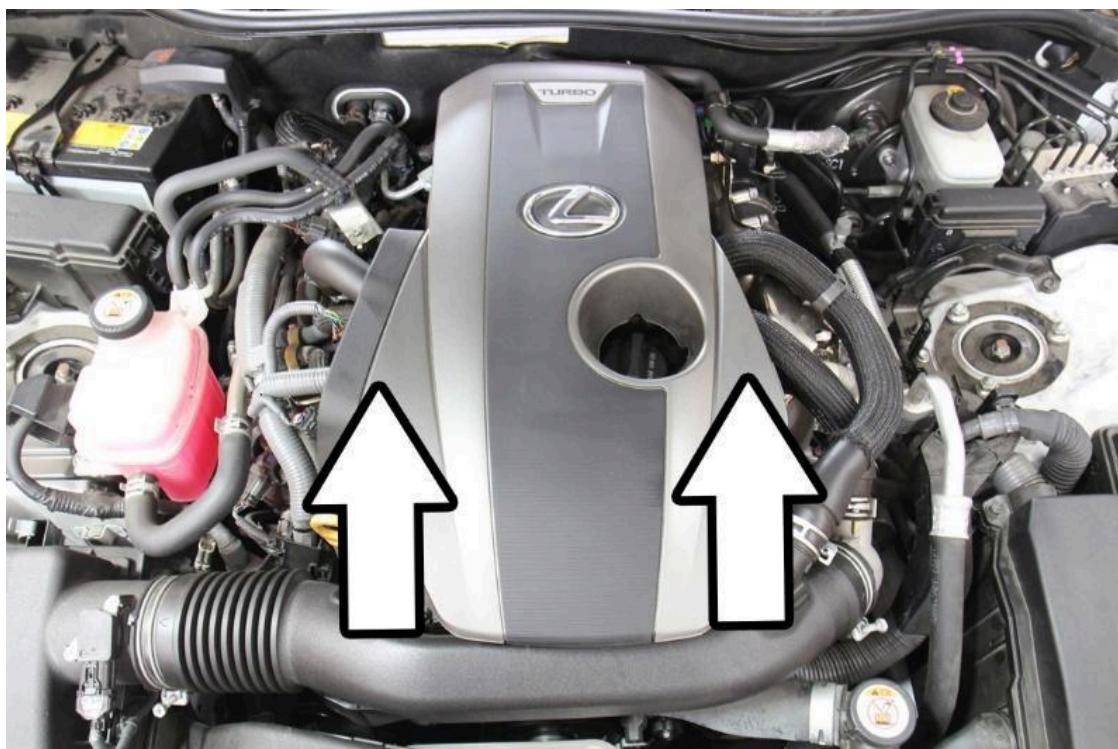
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

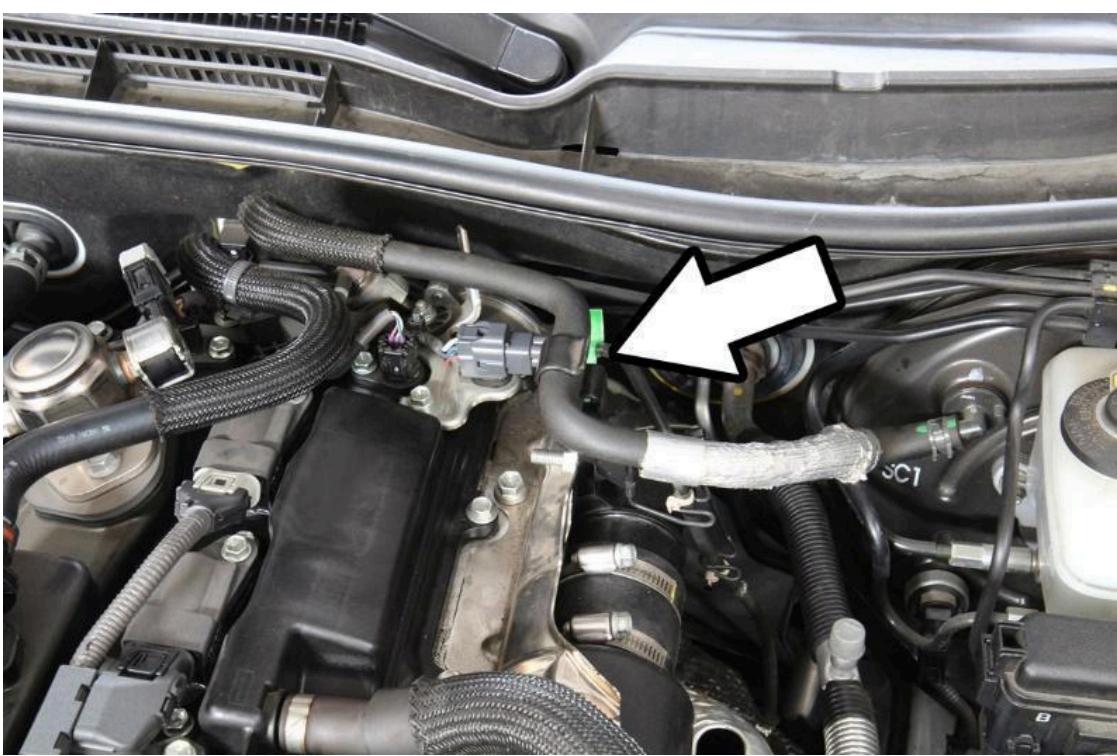
### **GETTING STARTED**

1. Turn the ignition OFF and disconnect both of the vehicle's battery's negative cables . If the engine has run within the past two hours let it cool down.

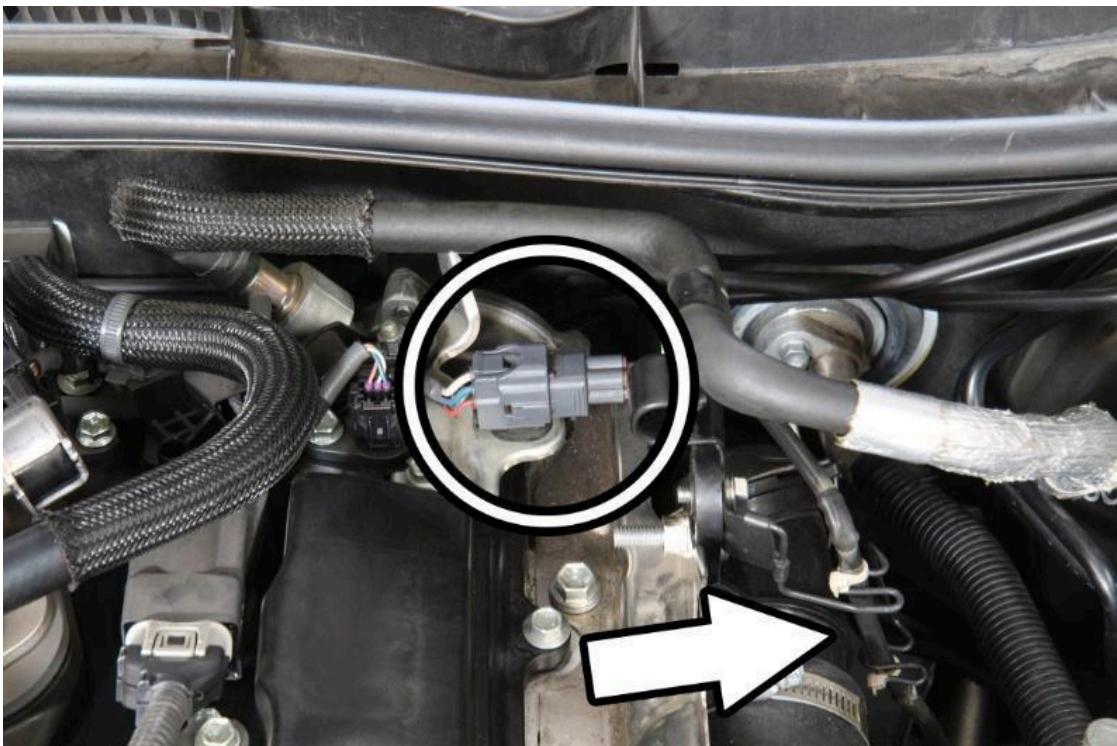
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



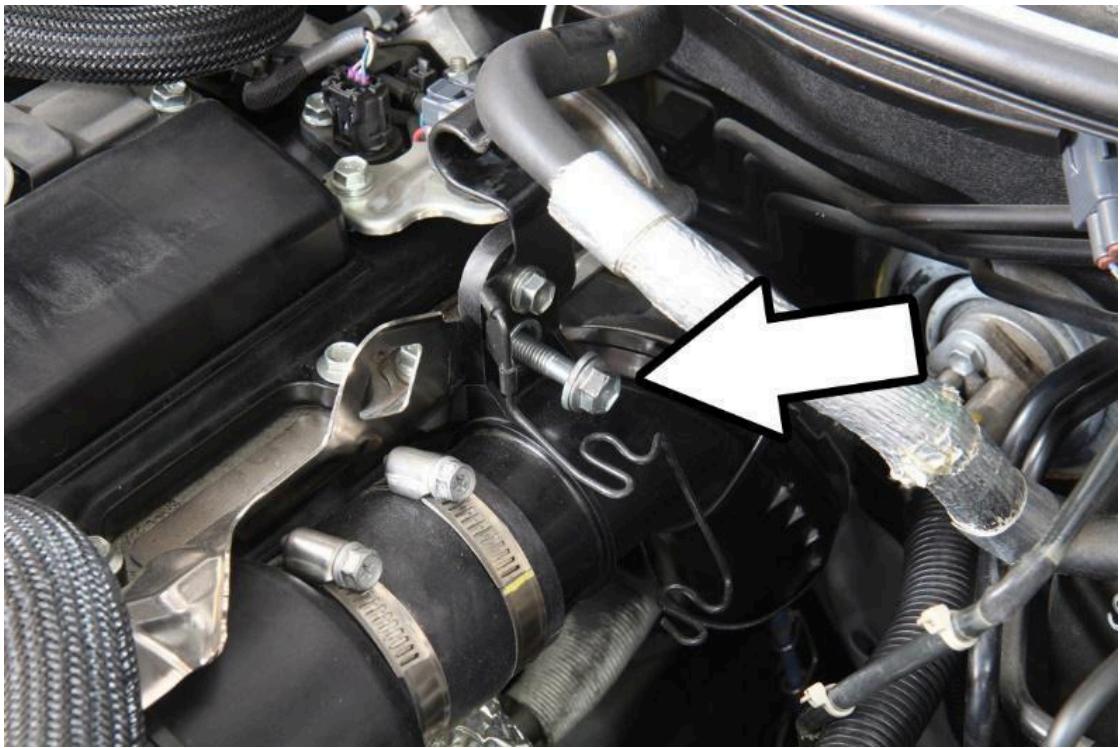
2. Lift and remove the engine cover from the vehicle.



3. Disconnect the brake booster vent hose from the bracket.



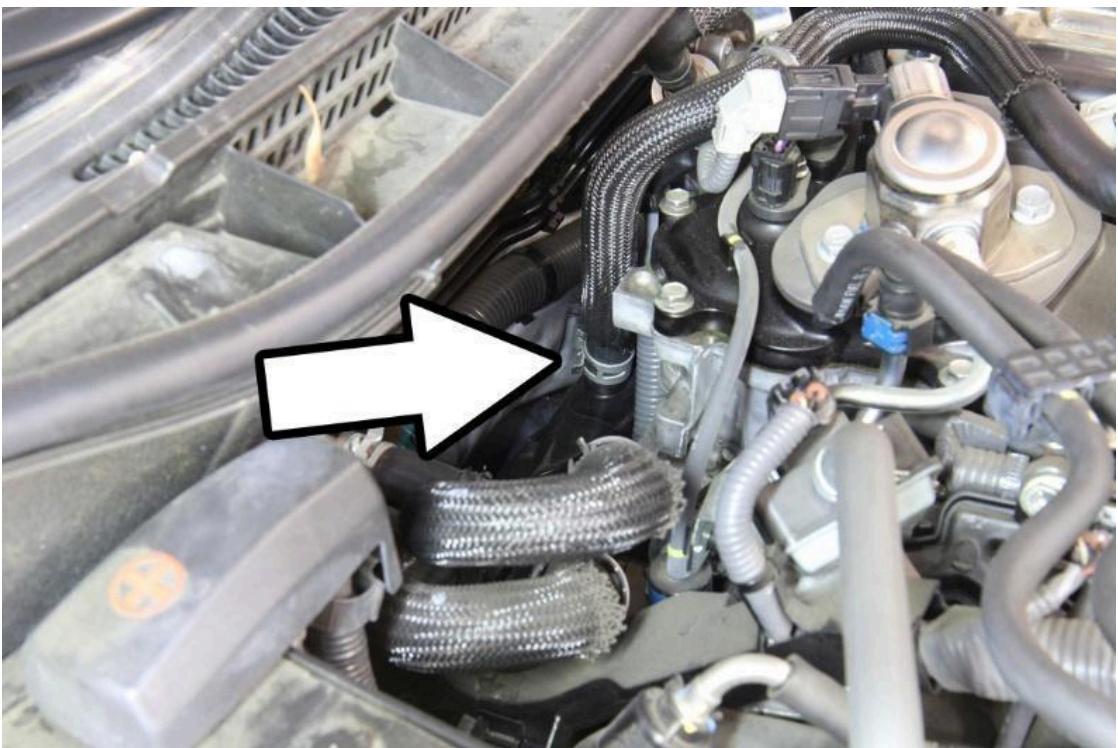
4. Disconnect the O2 sensor electrical harness connector and remove the harness from the bracket.



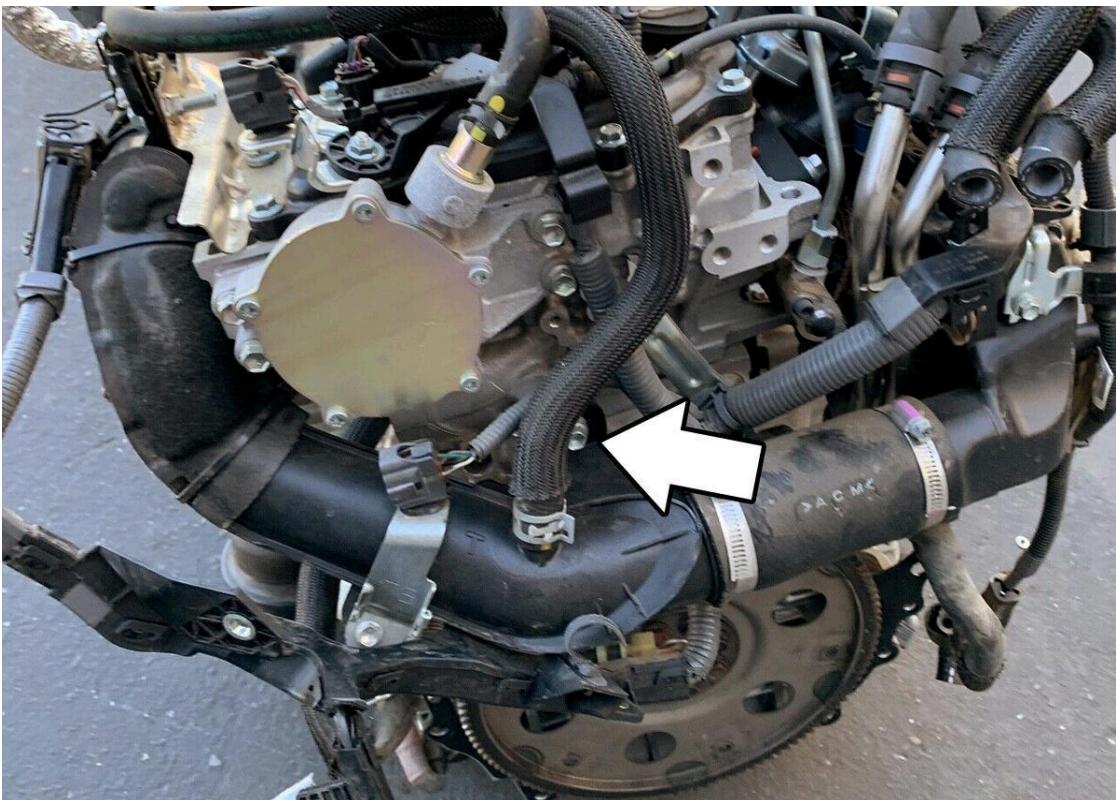
5. Remove the 12mm bolt securing the charge pipe bracket from the heat shield.



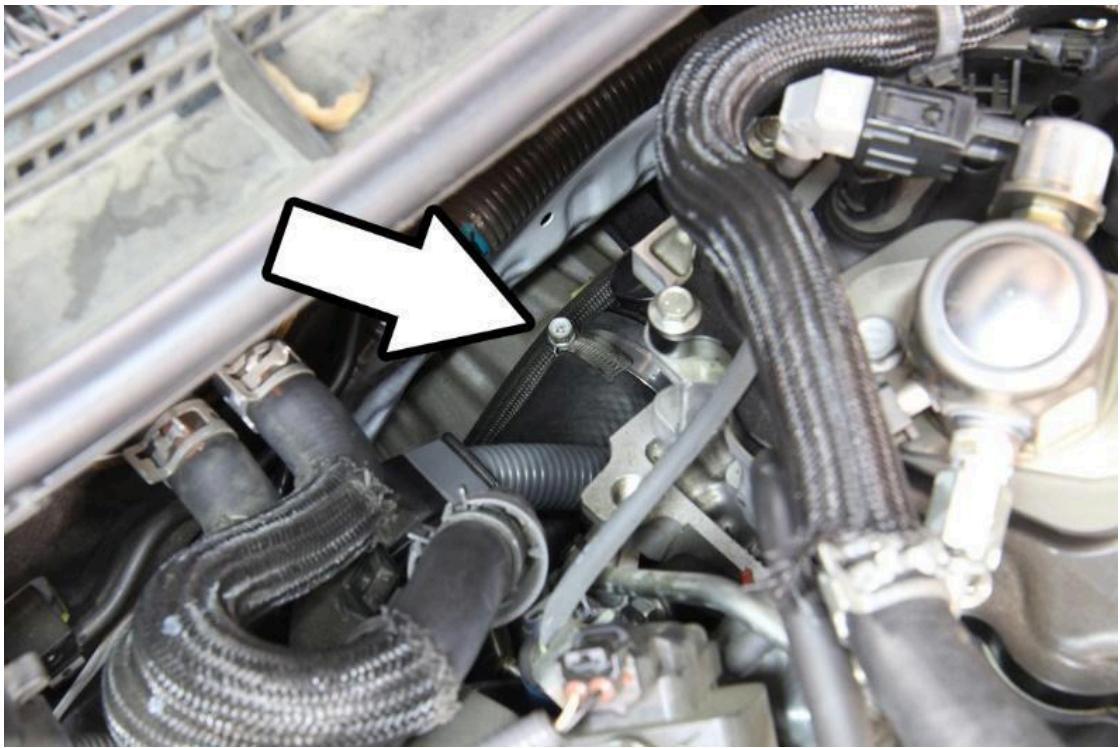
6. Loosen the hose clamp securing the hose from the turbo outlet.



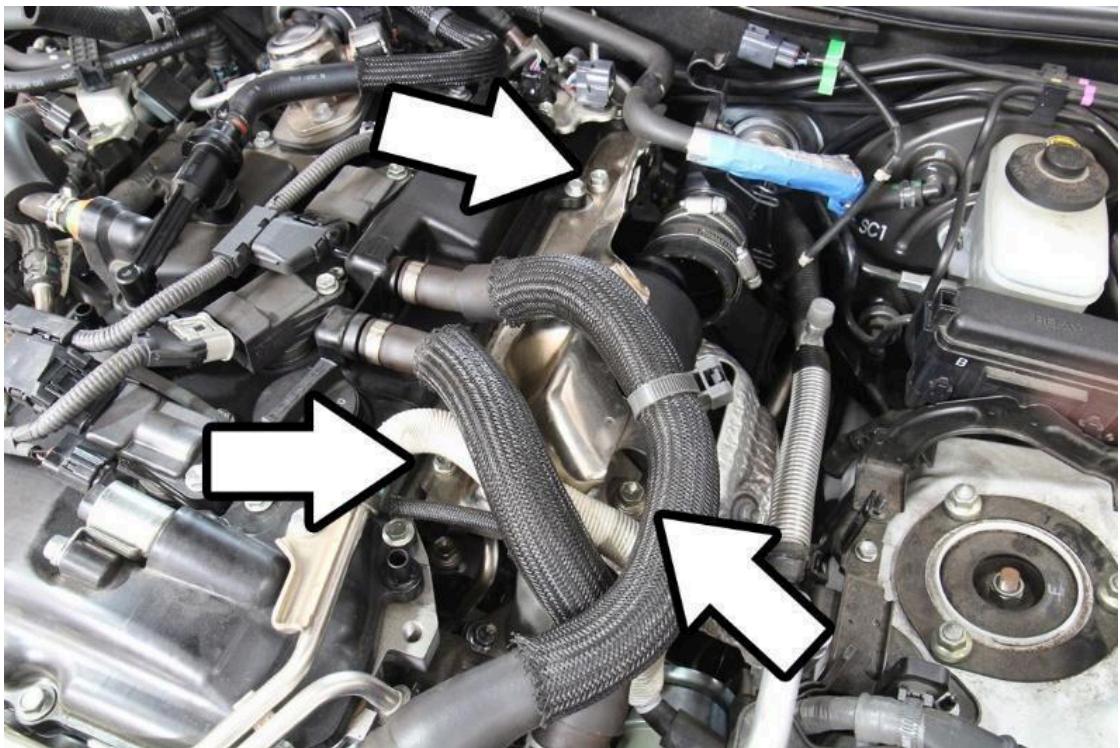
7. Loosen the hose clamp securing the breather hose from the charge pipe and disconnect the hose from the barb.



8. Remove the 12mm bolt securing the charge pipe bracket to the back of the engine (the racket should be located near the breather barb).



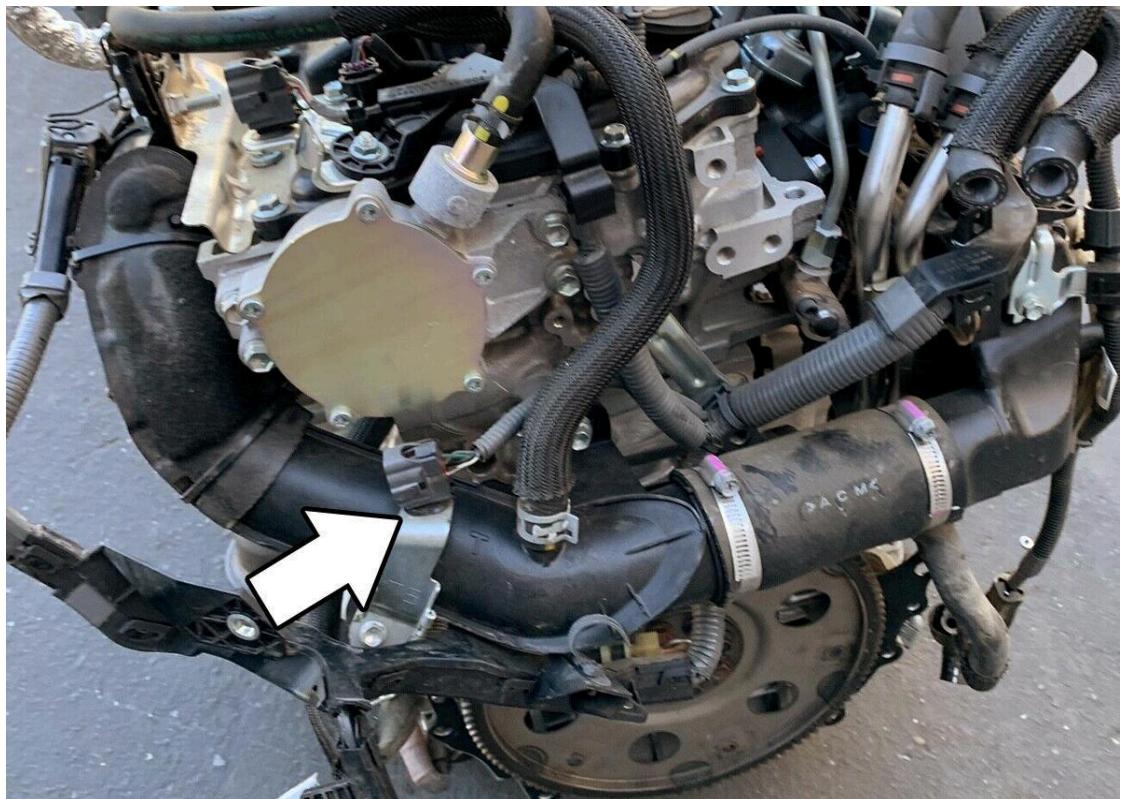
9. Loosen the hose clamp securing the coupler from the charge pipe.



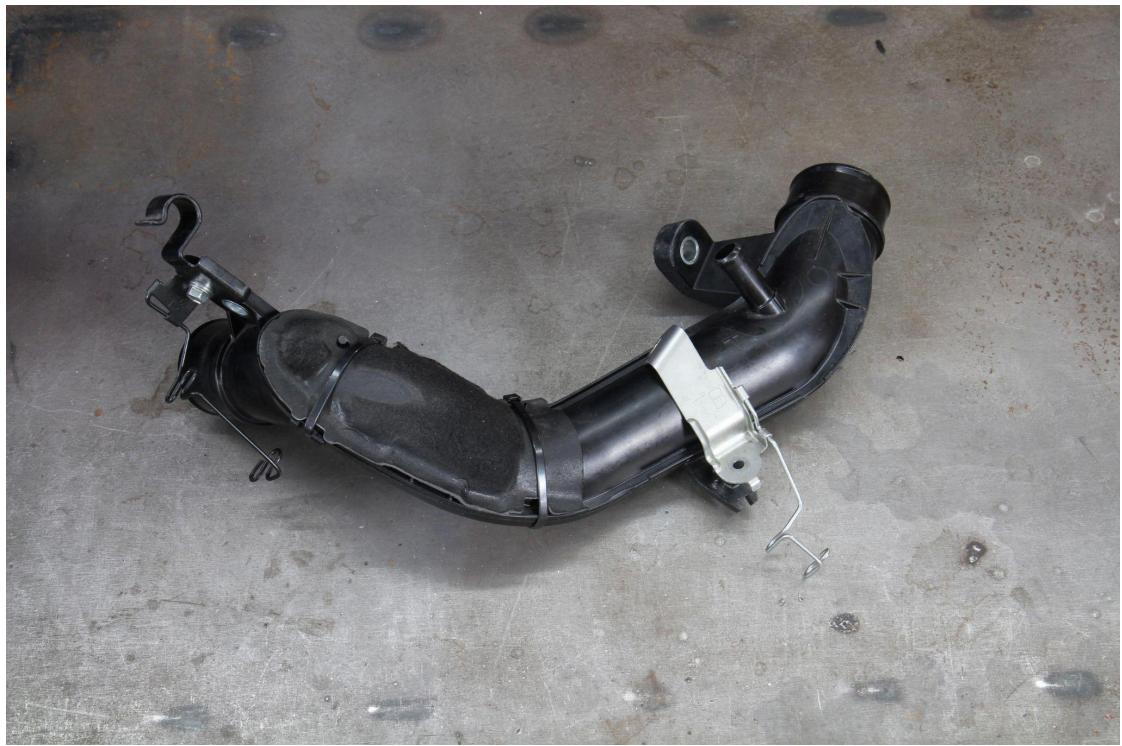
10. Remove the two 12mm and one 10mm bolts shown in the locations above securing the turbo heat shield.



11. Carefully remove the heat shield from the engine.



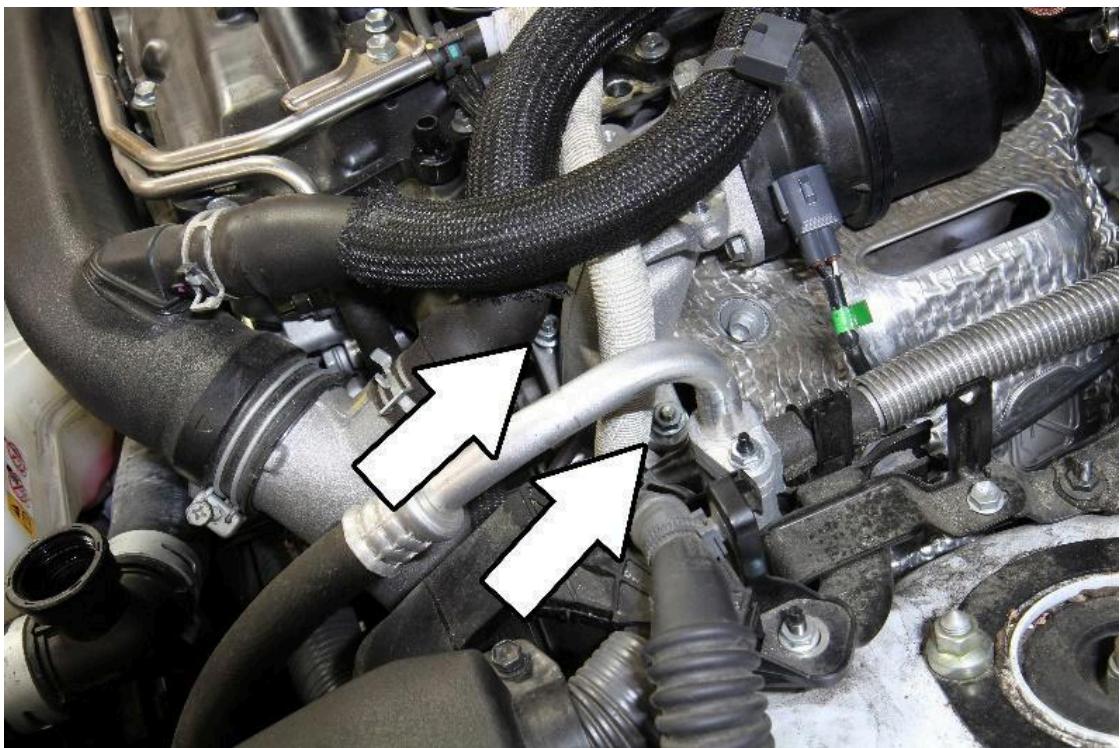
12. Unclip the oxygen sensor connector from the bracket shown. If difficult to unclip, unbolt the bracket from the stock charge pipe and unclip after the charge pipe is removed.



13. Remove the stock charge pipe from the engine bay.



14. Loosen the hose clamp securing the coupler to the heat exchanger and remove the hose from the vehicle.



15. Loosen the two 10mm bolts securing the turbo outlet elbow slightly to allow some adjustment, but do not fully remove the bolts.



16. Insert the reducer coupler along with the provided T-bolt clamps onto the HPS charge pipe. Secure the T-bolt clamp onto the charge pipe.



17. Included in the hardware packet are 2x  $\frac{1}{8}$ "NPT plugs. If you are not utilizing the NPT ports on the charge pipes for gauges, sensors, etc, you will need to install the plugs. Be sure to use teflon tape when installing. If installing accessories, they may be installed after the charge pipe is fully installed.



18. Carefully maneuver the HPS charge pipe in and connect the coupler to the heat exchanger.



19. Insert the shorter coupler along with the provided T-bolt clamps onto the HPS charge pipe. Tighten the clamp securing the coupler to the charge pipe.



20. Align the turbo elbow and insert the coupler. Once positioned, fasten the turbo outlet elbow bolts and tighten down the HPS T-bolt clamps.



21. Reinstall the turbo heat shield back into the vehicle.



22. Remove the factory upper O2 sensor harness/brake booster hose bracket from the charge pipe.



23. Fasten the stock O2 sensor harness bracket/ brake booster hose to the provided bracket reusing the factory 10mm bolt.



24. Install the assembled brackets onto the heat shield using the original 12mm bolt.



25. Reattach the brake booster hose and the O2 sensor harness connector.



26. Reinstall the engine cover.

## **FINAL STEPS**

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

Reinstall the battery tray and intake system.

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.

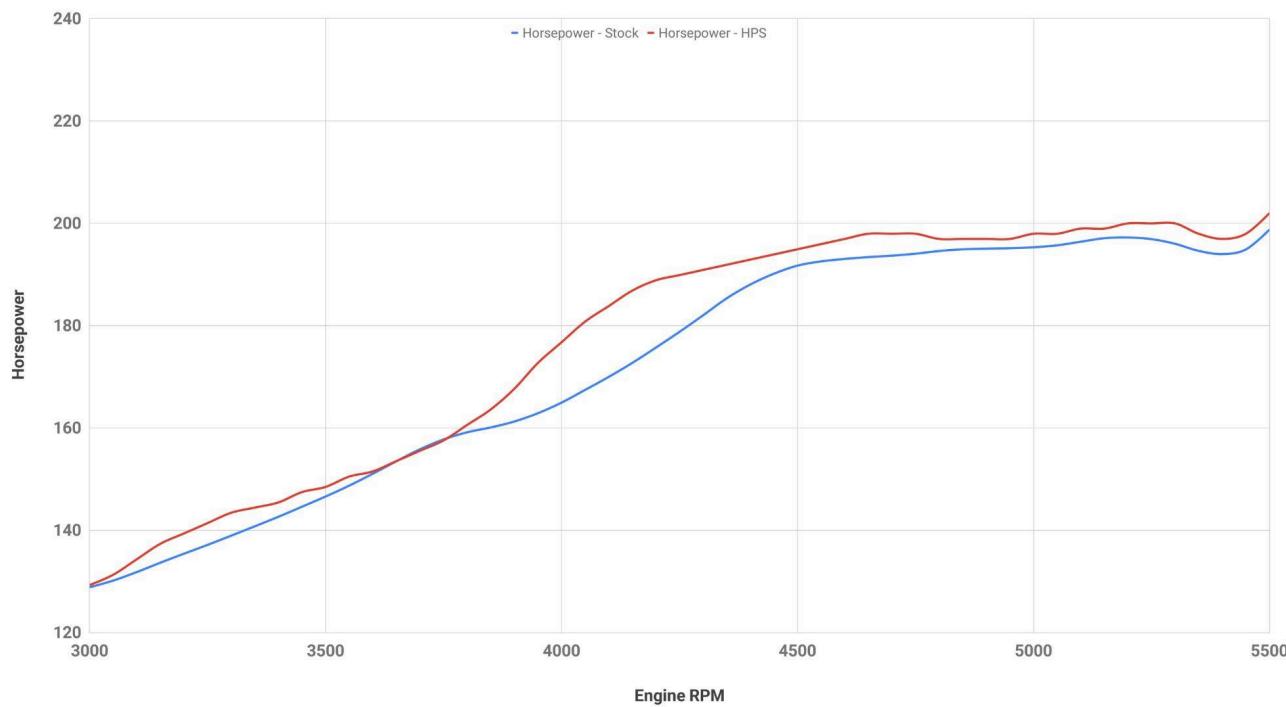
Periodically, recheck the alignment of the charge pipes and make sure there is proper clearance around and along the length of the pipes. Failure to follow proper maintenance procedures may cause damage to the charge pipes and will void the warranty.



**HPS Performance Charge Pipe**  
 2016-2017 Lexus IS200t / GS200t / RC200t 2.0L Turbo  
 2018-2019 Lexus GS300 2.0L Turbo  
 2018-2025 Lexus IS300/ RC300 2.0L Turbo  
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**Maximum Horsepower Gains = 6.6 whp @ 4350 rpm**

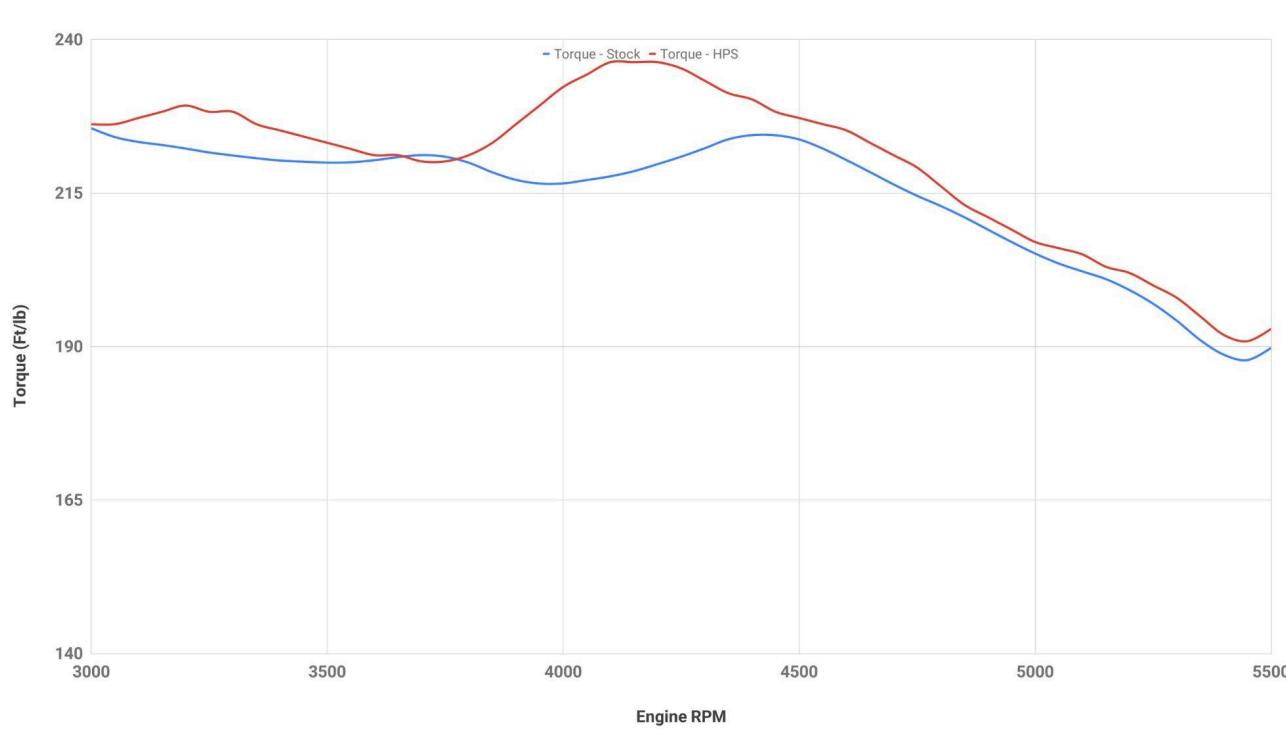
Tested Vehicle 2017 Lexus IS200T 2.0L Turbo



**HPS Performance Charge Pipe**  
 2016-2017 Lexus IS200t / GS200t / RC200t 2.0L Turbo  
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**Maximum Torque Gains = 9.1 ft/lb @ 3900 rpm**

Tested Vehicle 2017 Lexus IS200T 2.0L Turbo



Also available for:

**2016-2017 Lexus IS200T 2.0L Turbo**  
**2018-2025 Lexus IS300 2.0L Turbo**  
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**2018-2025 Lexus RC300 RWD 2.0L Turbo**  
**2016-2017 Lexus GS200T 2.0L Turbo**  
**2018-2019 Lexus GS300 2.0L Turbo**



**HPS Performance Air Intake Kit**

**Part Number [827-633](#)**

(does not fit Lexus 2021-2024 IS300 2.0L turbo)



**HPS Turbo Resonator**

**Part Number [17-131](#)**



**HPS Silicone Radiator Coolant Hose Kit**

**Part Number [57-1829](#)**



**HPS Silicone Air Intake Kit**

**Part Number [57-1585](#)**



**HPS Magnetic Differential Oil Drain Plug**

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

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