



Performance Turbo Resonator

Part Number: 17-131

16-17 Lexus RC200t 2.0L Turbo

16-17 Lexus GS200t 2.0L Turbo

16-17 Lexus IS200t 2.0L Turbo

18-22 Lexus RC300 2.0L Turbo

18-19 Lexus GS300 2.0L Turbo

18-22 Lexus IS300 2.0L Turbo

Installation Instructions

For technical inquiries please email us at tech@hpsperformanceproducts.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: 17-131

Description	Prep	Part Number	Qty	Check
Performance Turbo Resonator	1	529-555	1	

- Before installing any parts of this performance resonator, please read the instructions thoroughly.
- Verify the contents of this performance resonator 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 performance resonator while the engine is hot.
- For technical inquiries, please e-mail us at tech@hpsperformanceproducts.com

PLEASE READ CAREFULLY BEFORE INSTALLATION!

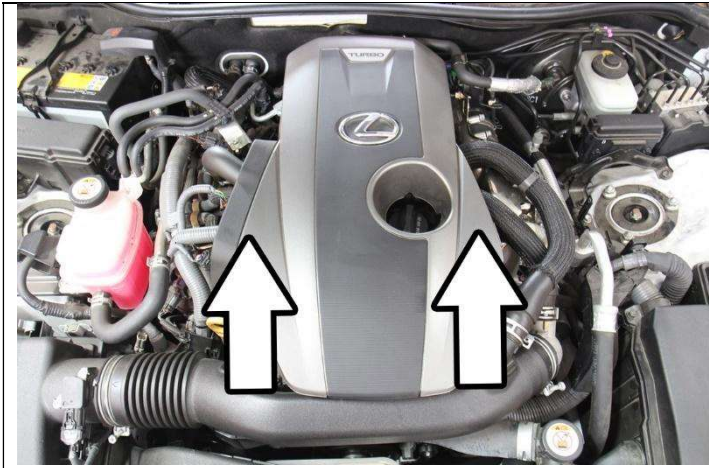
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

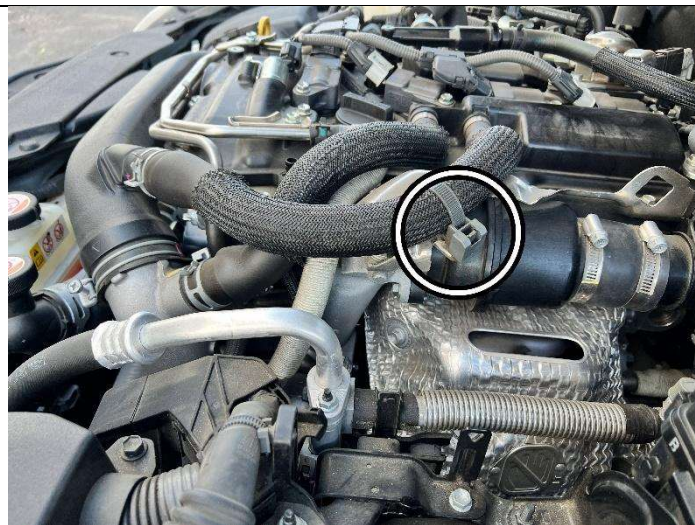
GETTING STARTED

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.

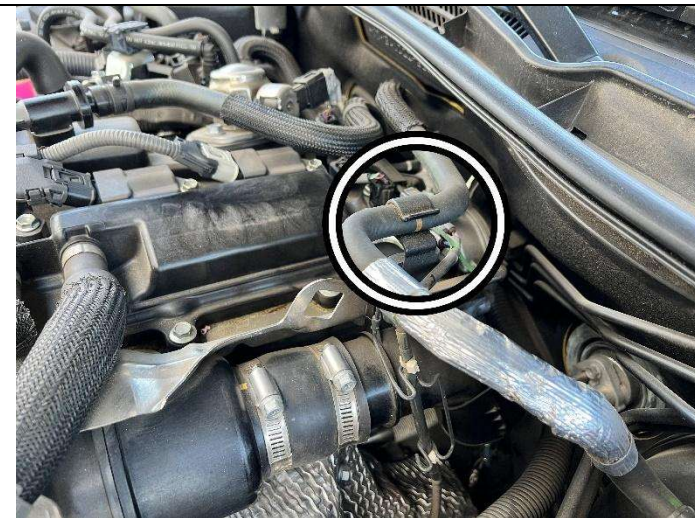
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles' anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicles anti-theft code. We also highly recommend NOT discarding any stock parts after the installation.



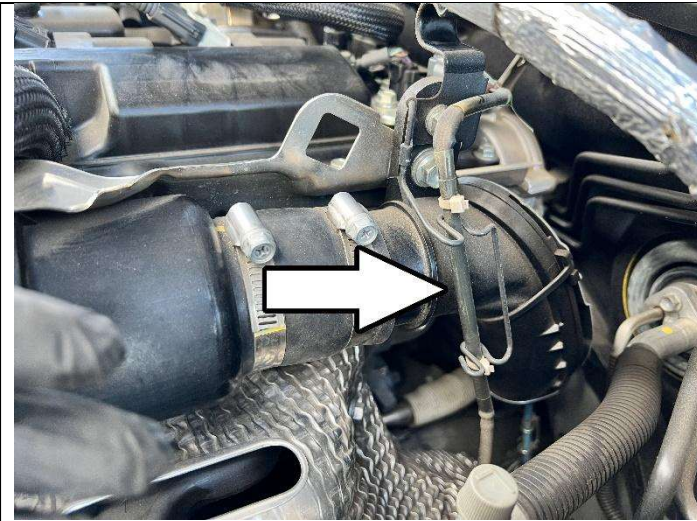
2. Lift to remove the engine cover from the vehicle.



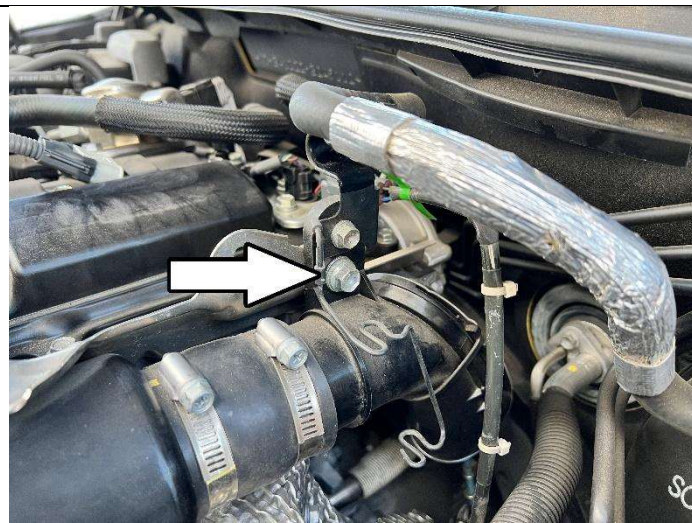
3. Disconnect the retaining clip securing the breather hose.



4. Disconnect the brake booster vent hose from the intercooler bracket holder.



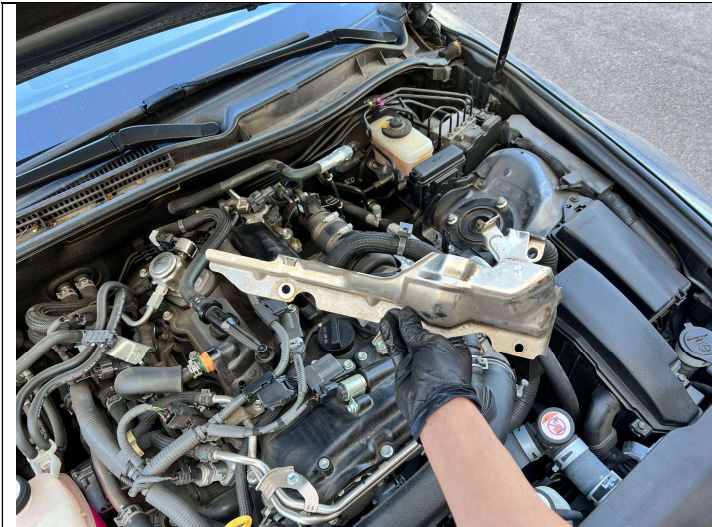
5. Disconnect the O2 sensor harness from the bracket.



6. Remove the 12mm bolt securing the intercooler bracket from the heat shield.



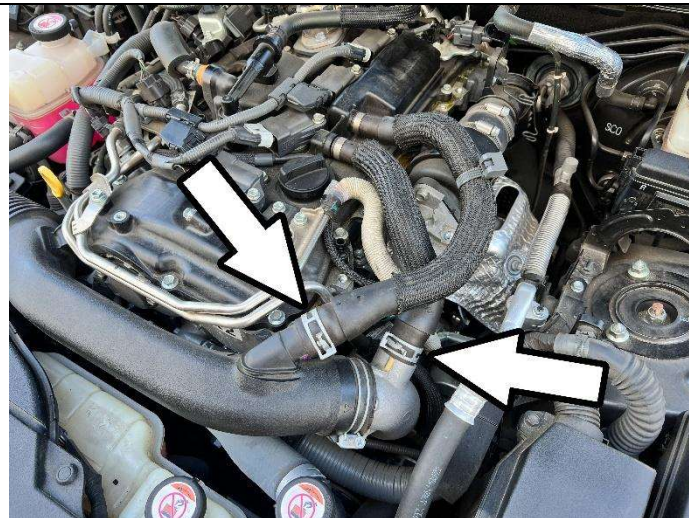
7. Remove the 3 bolts (2x 12mm, 1x 10mm) securing the heat shield.



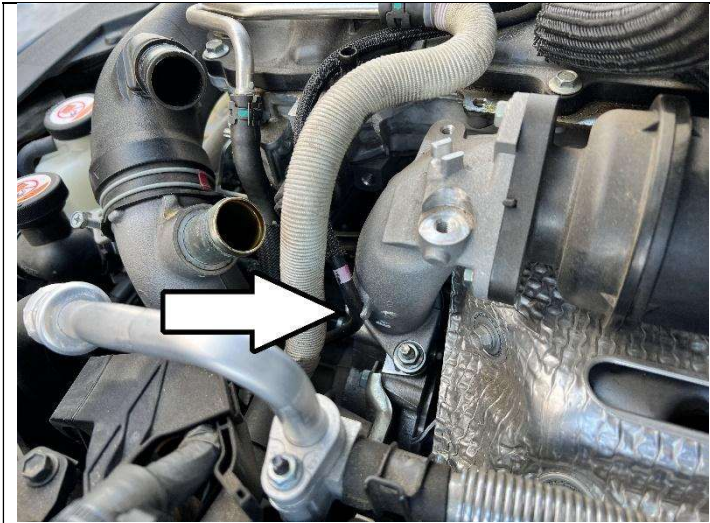
8. Remove the heat shield from the vehicle.



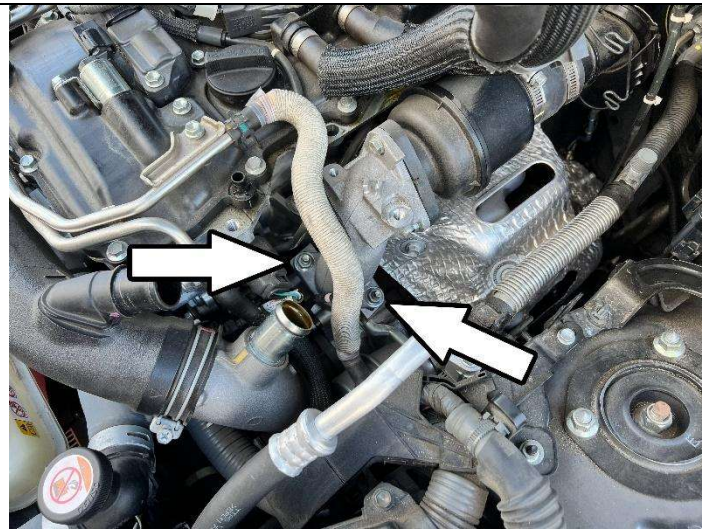
9. Loosen the hose clamp securing the intercooler hose from the turbo resonator.



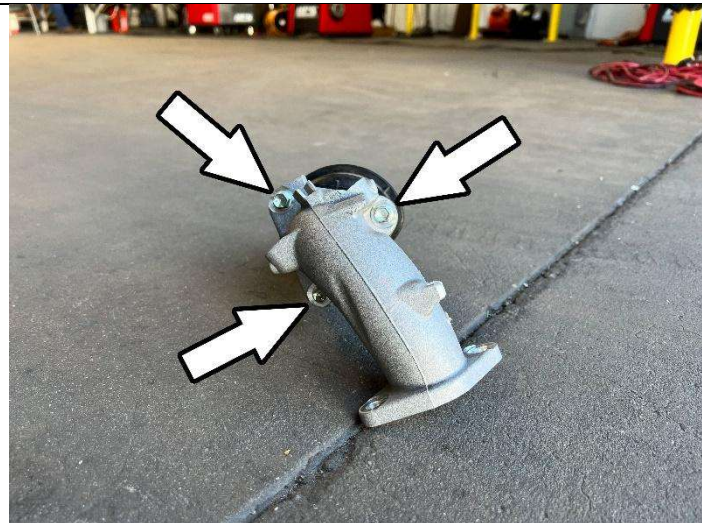
10. Disconnect the two breather hoses from the intake tube.



11. Unclip the vacuum hose from the turbo outlet elbow.



12. Unbolt the two 12mm nuts securing the turbo outlet elbow.



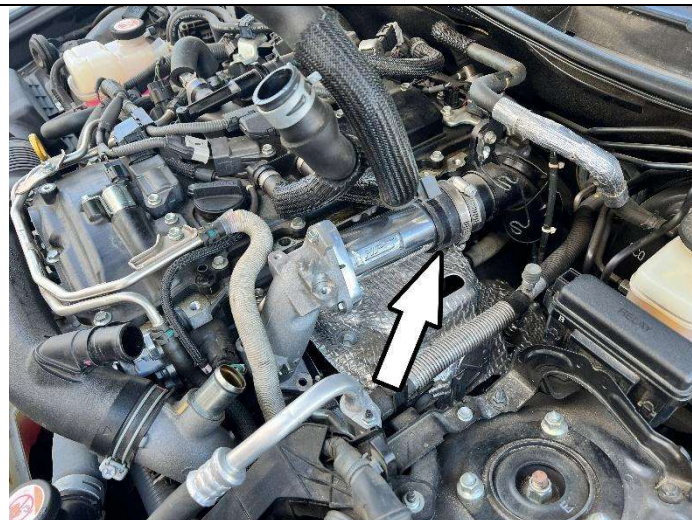
13. Remove the three 10mm bolts securing the resonator from the turbo outlet elbow.



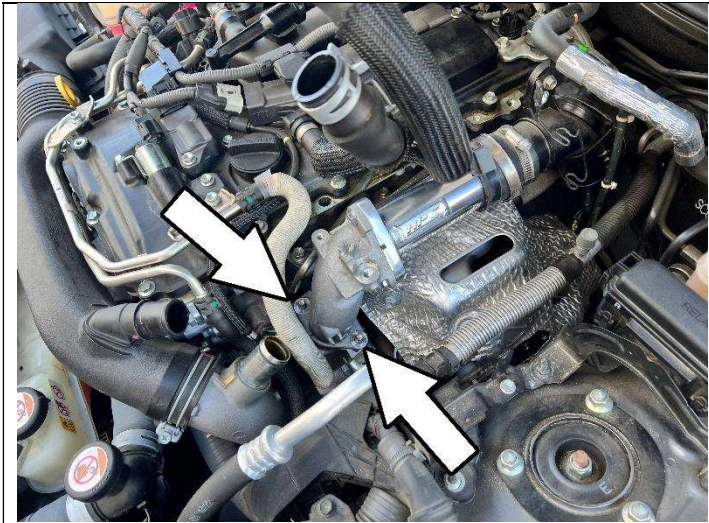
14. Remove the factory O-ring from the resonator and transfer it onto the HPS Performance Turbo Resonator.



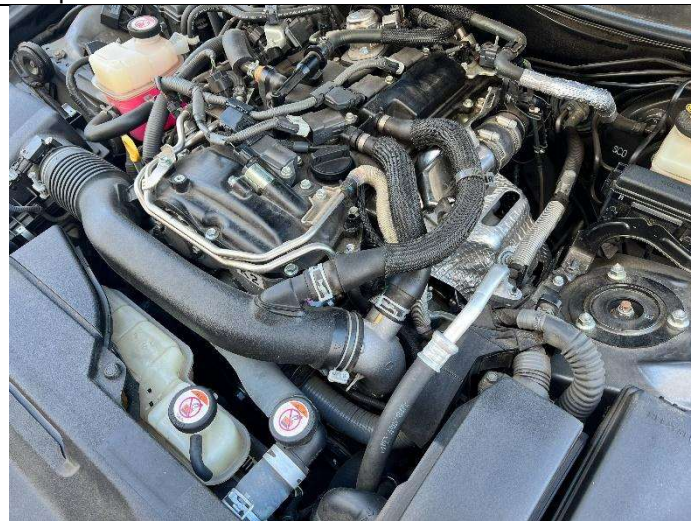
15. Secure the HPS Performance Turbo Resonator onto the turbo outlet elbow using the factory bolts. Torque to 8 ft-lb.



16. Insert the resonator delete pipe into the intercooler hose first, then onto the turbo housing.



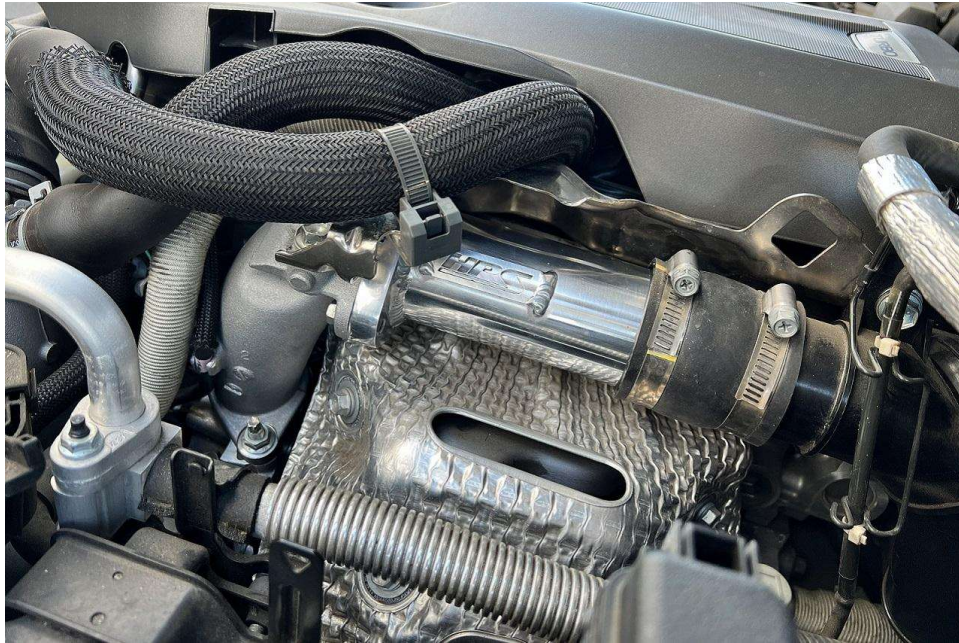
17. Secure the turbo outlet elbow back onto the turbo. Torque nuts to 18 ft-lb.



18. Reinstall the heat shield back into the vehicle and reconnect the breather hoses. Clip the vacuum hose back onto the turbo outlet elbow.



19. Reinstall the engine cover back onto the vehicle.



Final Steps

Once the resonator delete kit has been positioned and checked for clearance, 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 resonator delete pipe and make sure there is proper clearance around and along the length of the resonator delete pipe. Failure to follow proper maintenance procedures may cause damage and void your warranty.

Complete the Upgrade!

**HPS Performance Charge Pipe is now available
for Lexus 8AR-FTS 2.0L Turbo
Part Number 17-122**

