



## Performance Intercooler Pipe Kit Part Number: 17-122

2016-2017 Lexus IS200T 2.0L Turbo  
2018-2021 Lexus IS300 2.0L Turbo  
2016-2017 Lexus RC200T 2.0L Turbo  
2018-2021 Lexus RC300 RWD 2.0L Turbo  
2016-2017 Lexus GS200T 2.0L Turbo  
2018-2020 Lexus GS300 2.0L Turbo

## Installation Instructions

For technical inquiries please email us at [tech@hpsperformanceproducts.com](mailto: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-5:00pm Pacific Time.

# Bill of Materials

## Kit Number: 17-122

Description	Prep	Part Number	Qty	Check
HPS Intercooler Pipe	1	529-589	1	
2.12" – 2.50" Reducer Coupler x 3" Length	2	CH-200T-1	1	
2.38"- 2.50" Reducer Coupler x 4" Length	2	CH-200T-2	1	
Bracket	3	530-430	1	
T-Bolt Clamp for 2.12" Hose	4	SSTC-60-68	1	
T-Bolt Clamp for 2.50" Hose	4	SSTC-67-75	1	
T-Bolt Clamp for 2.50" Hose	4	SSTC-70-78	2	
1/8 NPT Plug	4	4464K561	2	

- Before installing any parts of this intercooler pipe system, please read the instructions thoroughly.
- Verify the contents of this intercooler pipe kit before disassembling your vehicle.
- DO NOT INSTALL IF ANY PARTS ARE MISSING OR DAMAGED. CONTACT [tech@hpsperformanceproducts.com](mailto:tech@hpsperformanceproducts.com) IMMEDIATELY. WE ARE NOT RESPONSIBLE FOR ANY DAMAGE CAUSED DUE TO IMPROPER INSTALLATION.
- Installation requires moderate mechanical skills. A qualified mechanic is highly recommended.
- Do not attempt to install the intercooler pipe system while the engine is hot.
- This installation may require removal of coolant lines that may be hot.
- For technical inquiries, please e-mail us at [tech@hpsperformanceproducts.com](mailto: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 vehicle's anti-theft code. We also highly recommend NOT discarding any stock parts after the installation.



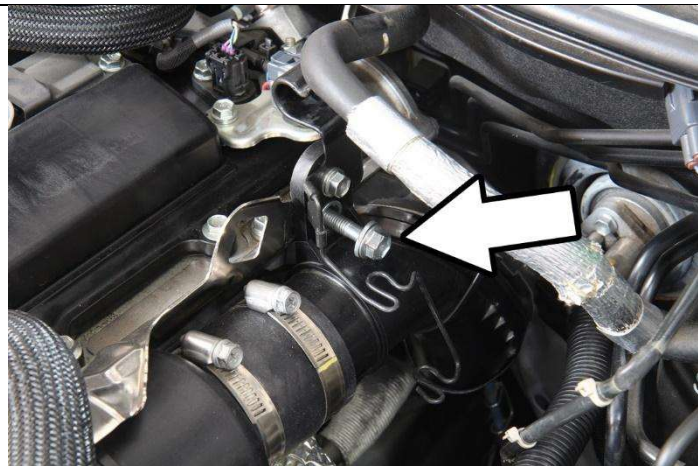
2. Lift and remove the engine cover from the vehicle.



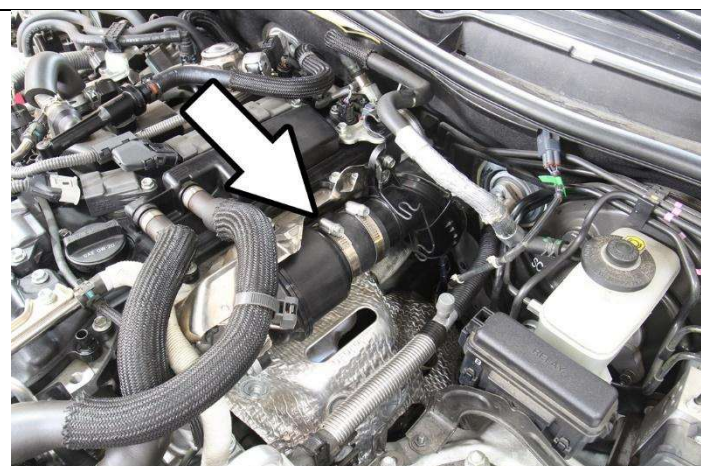
3. Disconnect the brake booster vent hose from the bracket.



4. Disconnect the o2 sensor electrical harness connector and remove the harness from the bracket.



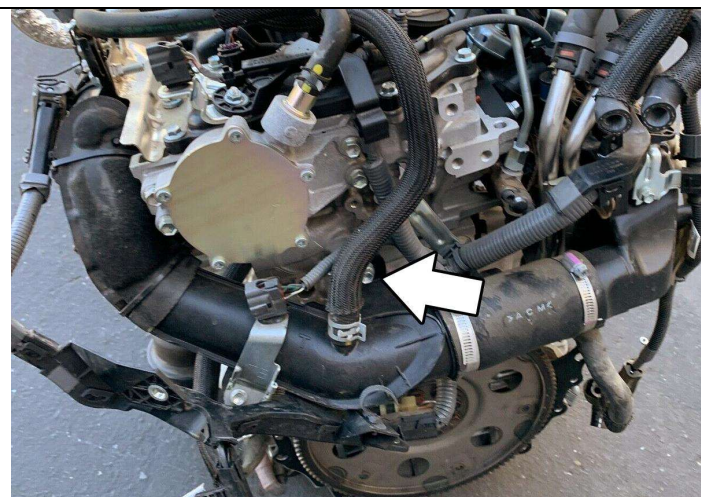
5. Remove the 12mm bolt securing the charge pipe bracket from the heat shield.



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



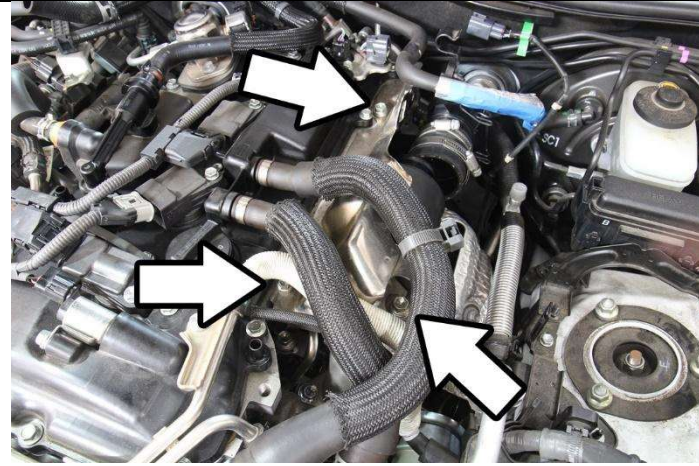
7. Loosen the hose clamp securing the breather hose from the charge pipe and disconnect the hose from the barb.



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



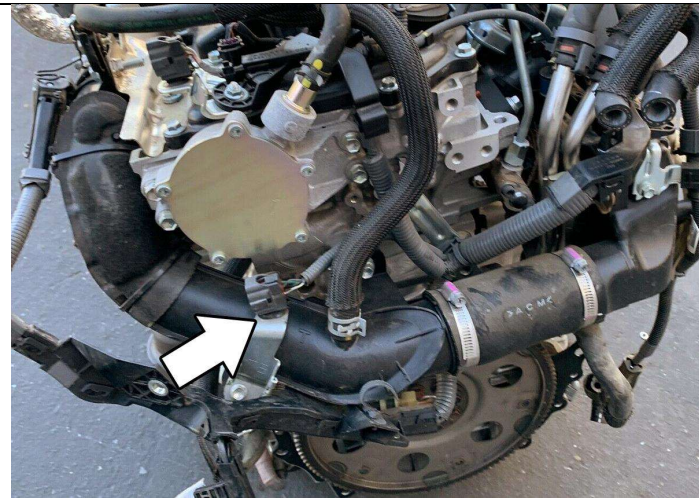
9. Loosen the hose clamp securing the coupler from the charge pipe.



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.



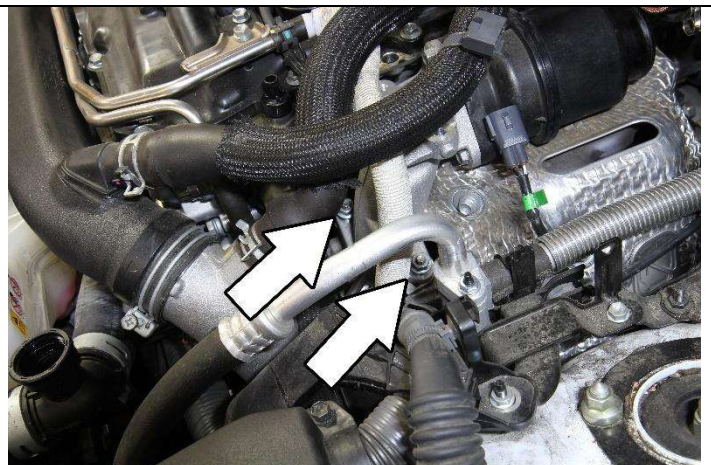
12. Unclip the oxygen sensor connector from the bracket shown. If difficult to unclip, unbolt the bracket from the stock charge pipe and unclip after the charge pipe is removed.



13. Remove stock charge pipe from 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 adjustab, 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 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. Re-install 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. Re-install the engine cover.

**Final Steps**

Once the intercooler pipe has been positioned and checked for clearance, tighten all of the clamps and secure all of the parts.

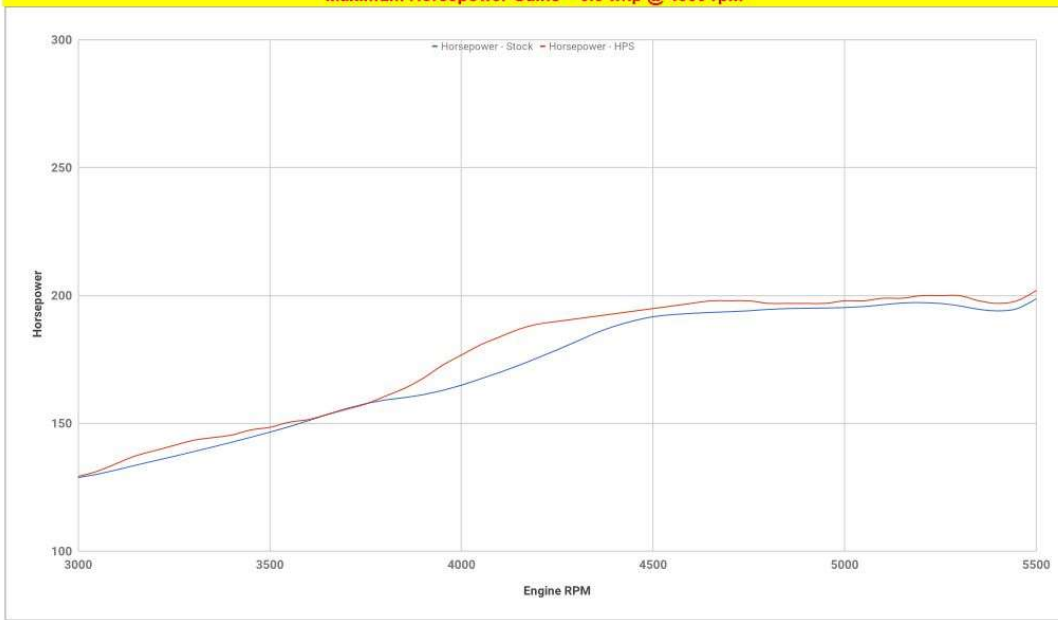
Upon completion of the installation, reconnect the negative battery terminal before you start the engine. Double check to make sure everything is tight and properly positioned before starting the vehicle.

Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving the vehicle. 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 intercooler pipe system and make sure there is proper clearance around and along the length of the intercooler pipe. Failure to follow proper maintenance procedures may cause damage to the intercooler pipe and will void the warranty.

HPS Chargepipe  
2017 Lexus IS200T 2.0L Turbo  
Part Number: 17-114

Maximum Horsepower Gains = 6.6 whp @ 4350 rpm



HPS Chargepipe  
2017 Lexus IS200T 2.0L Turbo  
Part Number: 17-114

Maximum Torque Gains = 9.1 ft/lb @ 3900 rpm

