



Performance Intercooler Pipe Kit

Part Number: 17-110

2015-2017 Lexus NX 200T 2.0L Turbo
2018-2020 Lexus NX 300 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-5:00pm Pacific Time.

Bill of Materials

Kit Number: 17-110

Description	Prep	Part Number	Qty	Check
Charge pipe	1	529-368	1	
Bracket	2	530-430	1	
Intercooler Hose Set, 2pc	3	57-1749	1	
T-Bolt Clamp	4	SSTC-60-68	2	
T-Bolt Clamp	4	SSTC-73-81	2	

- Before installing any parts of this intercooler piping kit, please read the instructions thoroughly.
- Verify the contents of this intercooler piping kit before disassembling your vehicle.
- DO NOT INSTALL IF ANY PARTS ARE MISSING OR DAMAGED. CONTACT 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 piping kit 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

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. Depress the spring clamp securing the breather hose and disconnect the hose from the stock intake tube.



4. Disconnect the Mass air flow sensor connector harness and remove the harness clip from the upper air box.



5. Unclip the upper air box latches.



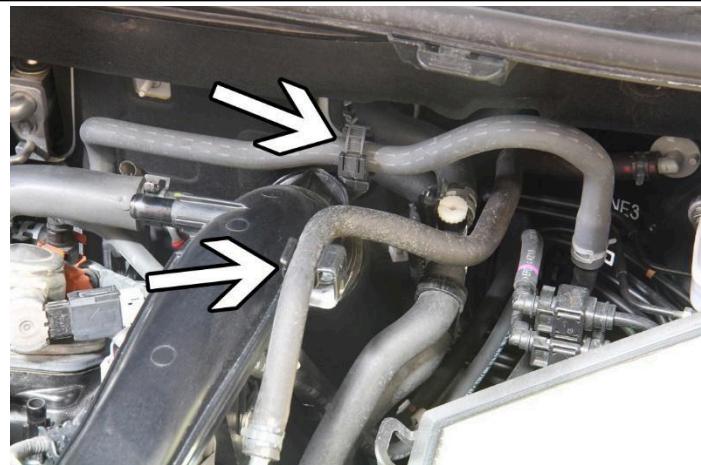
6. Loosen the hose clamp securing the air box.



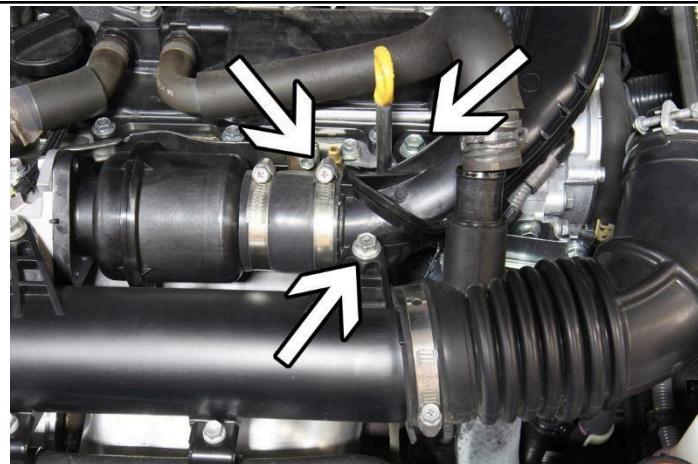
7. Remove the upper air box assembly from the vehicle.



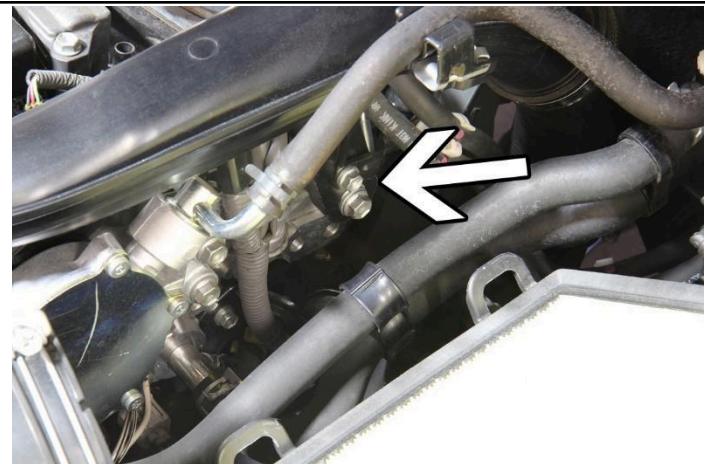
8. Depress the spring clamp securing the breather hose from the stock charge pipe and disconnect the hose from the charge pipe.



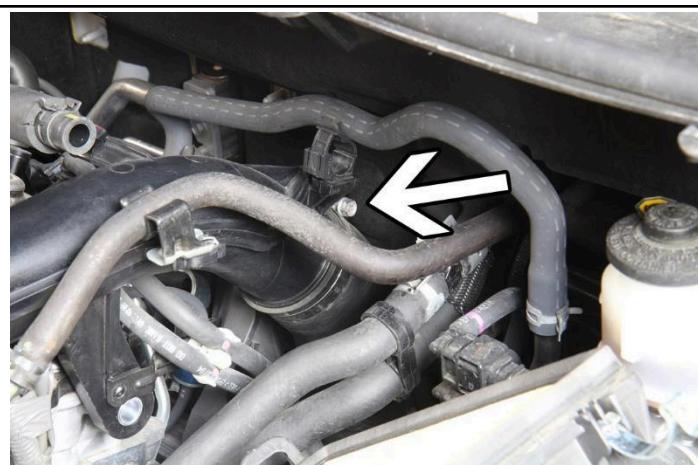
9. Disconnect the hoses from the bracket and the retaining clip.



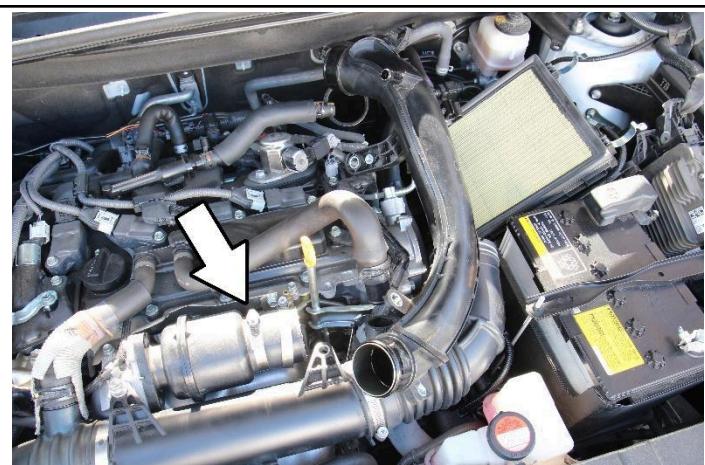
10. Loosen the hose clamp securing the charge pipe then remove the 12mm bolts securing the charge pipe and the stock intake tube.



11. Remove the 10mm bolt securing the gas line bracket from the charge pipe bracket. Then remove the 12mm bolt securing the charge pipe from the engine.



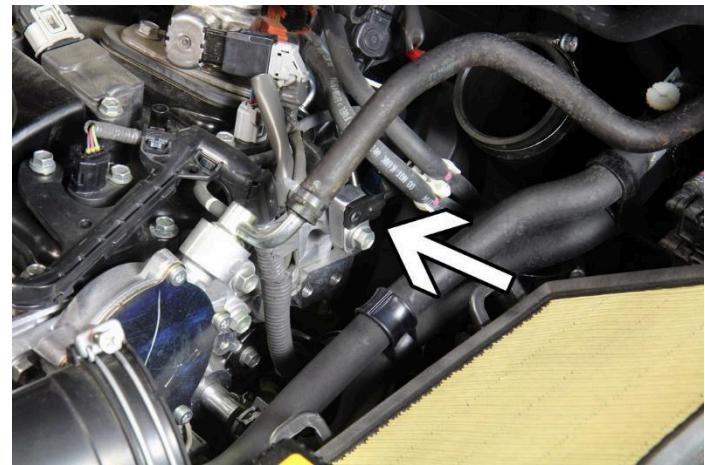
12. Loosen the hose clamp securing the coupler from the charge pipe as well as other end of the hose, then install the provided HPS couplers along with the t-bolt clamps.



13. Remove the stock charge pipe from the vehicle. Remove the remaining stock charge hose from the vehicle and replace it with our HPS coupler along with the t-bolts clamps provided in the kit.



14. Locate your bracket supplied in the kit.



15. Insert and secure the HPS bracket re-using the stock 12mm bolt removed from step 11. This bracket will be replacing the stock charge pipe bracket. Install the stock gas line bracket onto the HPS bracket.



16. Insert and secure the charge pipe into the vehicle.



17. Re-insert the stock charge pipe breather hose onto the pipe.



18. Re-insert the stock intake breather hose onto the intake breather barb.



19. Install the upper air box back onto the intake tube and the lower air box assembly.



20. Insert the MAF sensor connector harness clip back onto the upper air box and re-connect the electrical harness onto the MAF sensor.



21. Insert 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 system 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.

