



Performance Turbo Charge Pipe Kit (Throttle Body Inlet Elbow)

Part Number: 17-151

**2004-2005 Mazda Mazdaspeed Miata
1.8L 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: 17-151

Line #	Description	Part Number	Qty
1	Throttle Body Charge Pipe	529-935	1
2	2.5" Straight Coupler x 2" Long	HTSC-250-L2-BLK	1
3	2.12" - 2.5" Reducer Coupler x 3" Long	HTSR-212-250-BLK	1
4	Embossed Clamp, 50mm - 70mm	EMSC-50-70	1
5	Embossed Clamp, 60mm - 80mm	EMSC-60-80	3



- Before installing any parts of this intercooler pipe kit, 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 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 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@hpsperformanceproducts.com

PLEASE READ CAREFULLY BEFORE INSTALLATION!

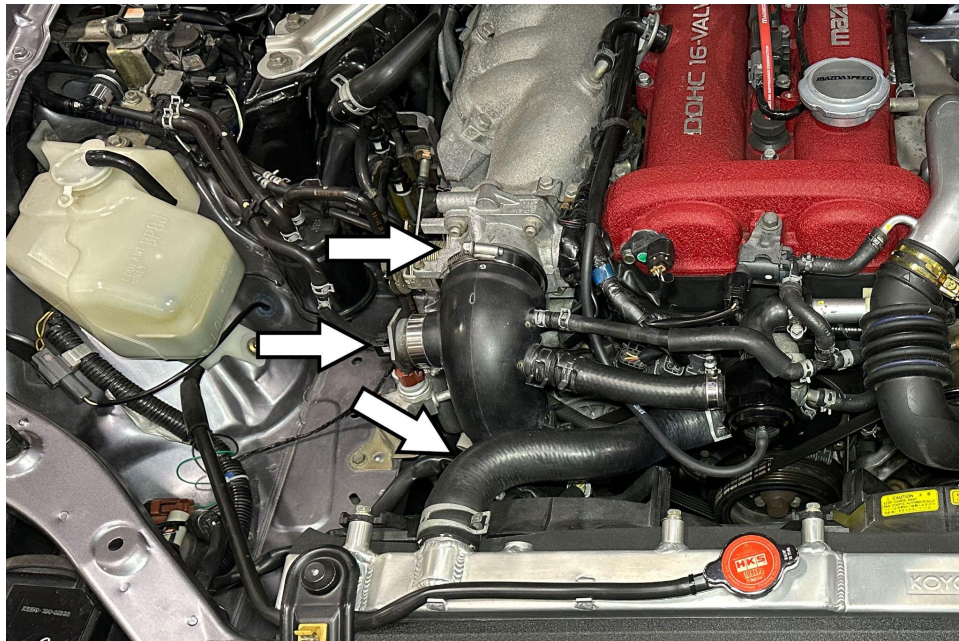
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

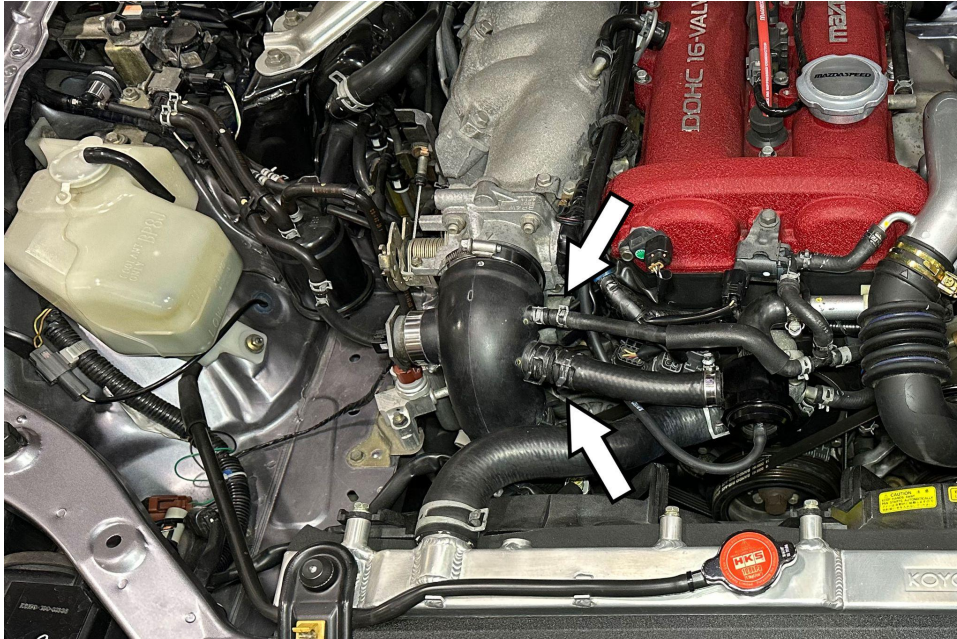
GETTING STARTED

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.

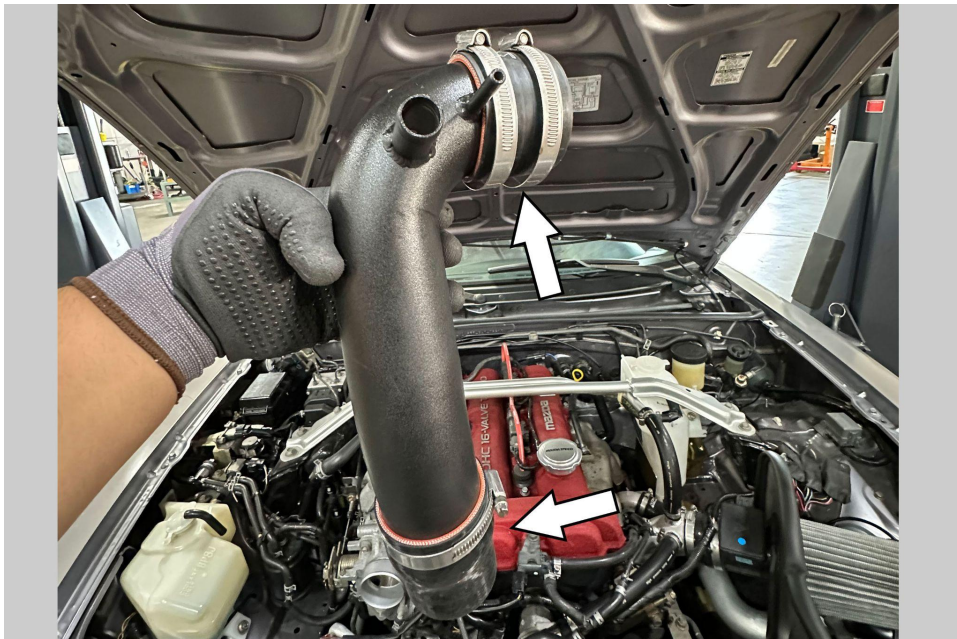
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied 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. Loosen the top and bottom factory throttle body intercooler pipe clamps. Then unplug the intake air temperature sensor.



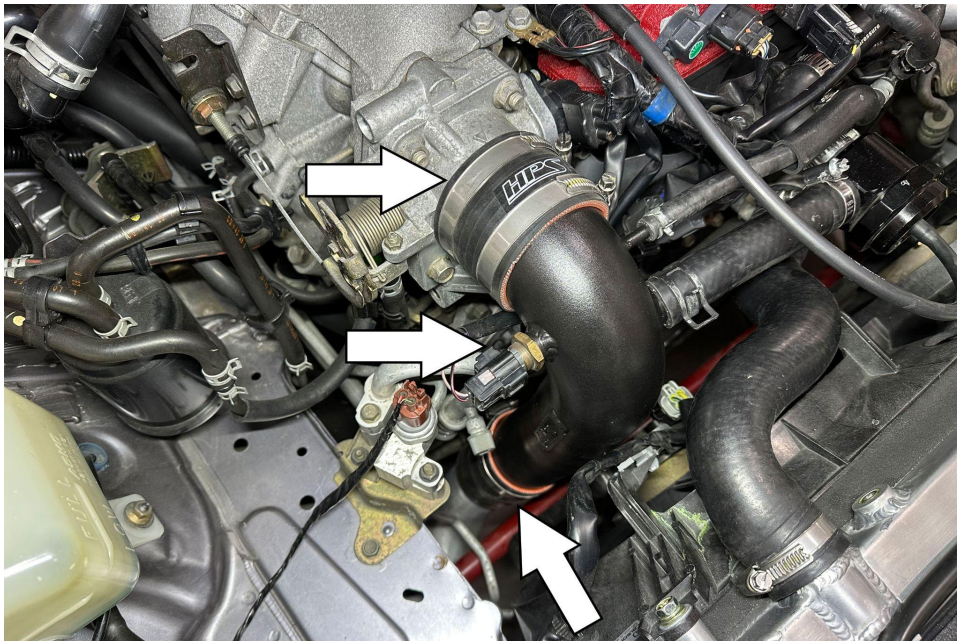
3. Disconnect the vacuum hose and the blow off valve recirculation hose. Once disconnected, remove the factory throttle body intercooler pipe.



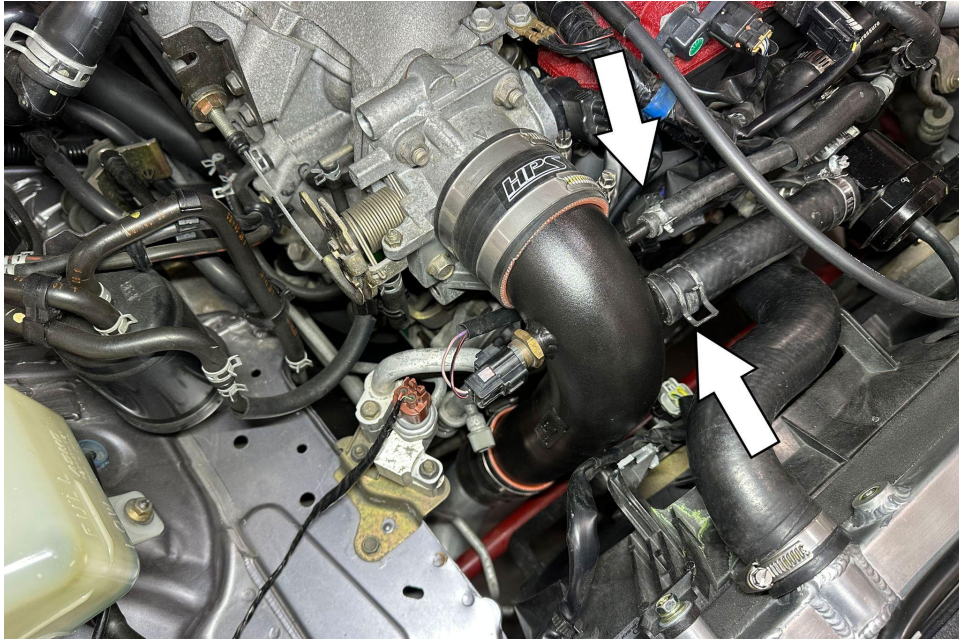
4. Install the straight coupler onto the short side of the HPS intercooler pipe and the reducer coupler onto the long side.



5. Loosely place the clamp onto the lower intercooler pipe. This clamp will be tightened once the HPS intercooler pipe is in place.



6. Slip the HPS intercooler pipe with couplers over the throttle body and lower intercooler pipe before tightening all four clamps. Install the intake air temperature sensor onto the HPS pipe using the original crush washer and then plug in the sensor harness.



7. Connect the vacuum hose and the blow off valve recirculation hose to the HPS intercooler pipe.

FINAL STEPS

Once the intercooler pipe 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 intercooler pipe 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.

