



**Performance Shortram Air Intake Kit  
Part Number: 827-200**

**Toyota 97-98 Supra 3.0L VVTI Non-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

## Part Number: 827-200

Description	Prep	Part Number	Qty	Check
Upper Air Intake Pipe	1	529-17	1	
HPS Air Filter	2	HPS-4297	1	
Heat Shield	3	531-15	1	
T-Bolt Clamp for 2.75" Hose	4	SSTC-73-81	1	
T-Bolt Clamp for 3" Hose	4	SSTC-79-87	1	
2 3/4" - 3" Reducer x 3" Long	4	P3SR-275-300-L3	1	
Air Intake Bracket	4	530-18	1	
Heat Shield Bracket	4	530-16	1	
Rubber Vibration Mount 6mm x 1" Tall	4	HW-RM6-100	1	
6mm Flange Nut	4	HW-N6	2	
6mm Flat Washer x 12mm OD	4	HW-FW6L	6	
6mm Bolt x 12mm long	4	HW-B6-12	4	
6mm Vacuum Hose X 12" Long	4	HTSVH6-BLK	1	
8mm Vacuum Hose X 10" Long	4	HTSVH8-BLK	1	

- Before installing any parts of this intake system, please read the instructions thoroughly.
- Verify the contents of this intake 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 intake 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!**

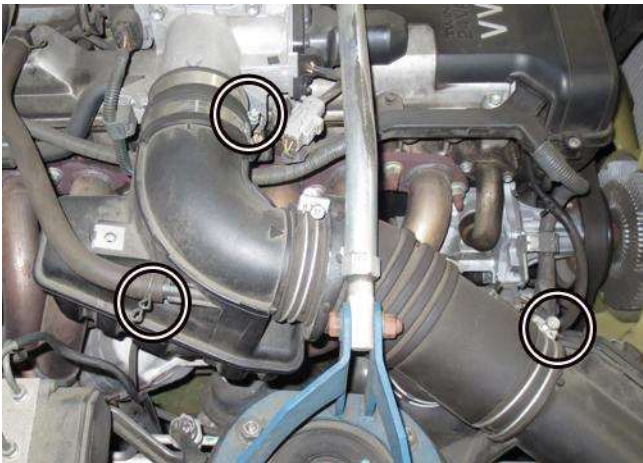
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

**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 re-connected. 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.



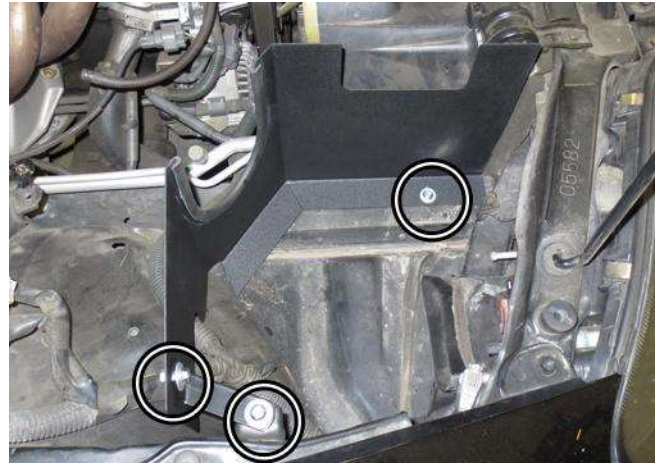
2. Loosen the clamps on the factory intake tube with a 10mm wrench and remove the two breather tubes, then completely remove the factory intake tube.



3. Remove the breather tubes completely and unplug the sensor.



4. Loosen the four bolts that hold down the intake box with a 10mm wrench and remove the box.



5. Install the heat shield using the heat shield bracket and the provided 6mm nuts, bolts, and washers.



6. Remove the MAF sensor using a 10mm wrench and reinstall the MAF on the intake tube using the same bolts and rubber seal. Be careful to not over tighten.



7. Press the coupler onto the throttle body and secure it with the provided T-bolt clamps. Reinstall the breather tube and pinch clamp.



8. Install the rubber mount and secure the intake bracket to the rubber mount with a 6mm nut and washer. Then secure the intake bracket to the intake pipe with a 6mm bolt and washer. Make adjustments as needed.



9. Plug the MAF sensor wire back in. Install the two vacuum tubes and the HPS filter.

## 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.



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**Breather and Vacuum Hose Kit**  
**Toyota 93-98 Supra MK4 Non Turbo**



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