



Performance Air Intake Kit

Part Number: 827-500

Toyota 2005-2008 Corolla CE/LE/S 1.8L

Toyota 2005-2008 Matrix Base/XR 1.8L

Pontiac 2005-2008 Vibe Base 1.8L

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

Part Number: 827-500

Line #	Description	Part Number	Qty
1	Air Intake Tube	529-26	1
2	HPS Air Filter	HPS-4275	1
3	T-Bolt Clamp For 2 3/4" Hose	SSTC-76-84	1
4	T-Bolt Clamp For 2 1/2" Hose	SSTC-67-75	1
5	Worm Gear Clamp for 5/8" Breather Hose	EMSC-16-27	2
6	5/8" breather hose x 15" Long	EPDM-062	1
7	2 1/2" to 2 3/4" 45 Degree Elbow Coupler	HOSE-27-500-BLK	1
8	Air Intake Bracket	530-25	1
9	6mm Rubber Mount x 1" tall	HW-RM6-100	1
10	6mm Nut	HW-N6	1
11	6mm Washer	HW-FW6L	2
12	6mm X 12mm long Hex Bolt	HW-B6-12	1
13	4mm Allen Head Bolt x 8mm Long	HW-B4-8	2
14	Venturi Air Straightener	HW-ASR-275-250	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.**
- **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 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**

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.



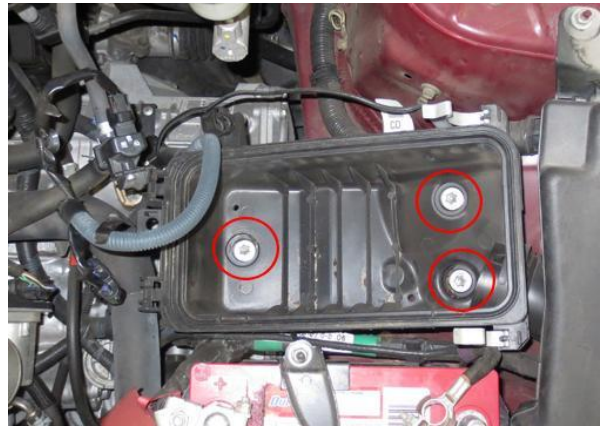
2. Remove the engine cover using a 10mm wrench.



3. Unscrew the sensor attached to the factory intake tube and disconnect the mass air flow (MAF) sensor plug.



4. Remove the breather hose from the valve cover. Loosen the clamps on the factory intake hose. Unlatch the two clips that hold the top half of the intake air box and remove completely.



5. To remove the lower half of the air box, loosen the three screws using a 10mm wrench and remove the battery using the same tools.



6. Once the battery is out of the way, remove the intake resonator tube by removing the 6mm bolt and unclip the plastic clip with a flat-head (blade) screwdriver.



7. Install the MAF sensor onto the HPS intake pipe and secure it with the provided 4mm Allen Head bolts.



8. Install the coupler and intake pipe onto the throttle body, and secure the sensor (circled at top) using the oem bolt on to the intake pipe. Install the rubber mount and bracket to the chassis. Insert the air straighter and attach the HPS filter.



9. Install the breather hose and secure it using the 5/8" clamps provided. Reinstall the battery & engine cover.

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.

