



Performance Shortram Air Intake Kit Part Number: 827-506

**Toyota 2005-2011 Tacoma V6 4.0L
Toyota 2007-2009 FJ Cruiser V6 4.0L**

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: 827-506

Description	Prep	Part Number	Qty	Check
Intake Pipe	1	529-45	1	
HPS Air Filter	2	HPS-4297	1	
T-Bolt Clamp for 3" Hose	3	SSTC-79-87	2	
3" Coupler x 3" Long	3	P3SC-300-L3	1	
4mm EPDM Hose x 18" Length	3	EPDM-016	1	
Intake Bracket	3	530-46	1	
4mm Bolt x 8mm Long	3	HW-B4-8	2	
6mm Washer x 16mm OD	3	HW-FW6L	3	
6mm Hex Head Bolt x 12mm Long	3	HW-B6-12	3	

- Report any defective or missing parts to HPS directly. The authorized HPS dealer you purchased this product from might not have the correct parts you need.
- Before installing any parts of this system, please read the instructions thoroughly.
- Installation DOES require some mechanical skills. A qualified mechanic is always recommended.
- Do not attempt to install the intake system while the engine is hot.
- The installation may require removal of radiator fluid 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 system with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a tuner shop install this kit.

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

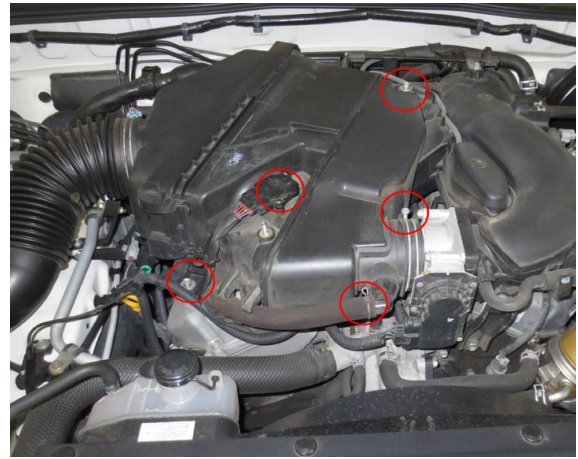
GETTING STARTED

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. Remove the engine cover using a 10mm socket.



3. Unplug the mass air flow (MAF) sensor harness and breather hose next to the throttle body. Remove the two bolts holding the air box with a 10mm socket and wrench. Disconnect the vacuum hose from the back of the air box. Loosen the clamp on the throttle body.



4. Remove the 2 bolts holding the intake hose with a 12mm socket and wrench. Once that is loosened you can remove the entire factory air box.



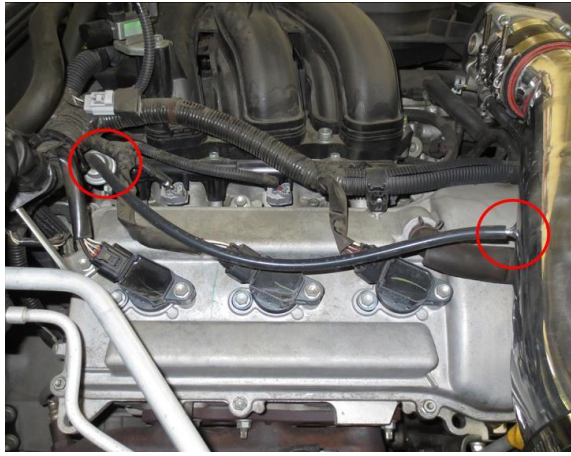
5. Install the coupler along with the clamps and insert the intake pipe.



6. Install the MAF sensor with the provided 4mm Allen Head bolts and reconnect the harness. Plug the breather hose into the port on the intake pipe.



7. Install the bracket using the 10mm bolts and washer.



8. Install the vacuum hose from the intake pipe to the regulator.



9. Install the HPS filter and tighten the clamp with a flat head (blade) screw driver.

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, and let the car idle for about 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles, 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.



**HPS Silicone Radiator Hose Kit (Black/Blue/Red) with Stainless Steel Clamps
is now available for Toyota 2005-2011 Tacoma 4.0L V6/Toyota 2007-2009 FJ Cruiser V6 4.0L!**

Part Number: 57-1215 - MSRP: \$100.00

Contact our authorized dealers for the best pricing

or

Visit our website at www.hpsperformanceproducts.com for more details