



Performance Shortram Air Intake Kit Part Number: 827-507

Toyota 1996-1998 4Runner/Tacoma 3.4L

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: 827-507

Description	Prep	Part Number	Qty	Check
Intake Pipe		529-51	1	
Intake Pipe		529-50	1	
HPS Filter		HPS-4297	1	
T- Bolt Clamp for 3" Hose		SSTC-79-87	4	
T- Bolt Clamp for 2 1/2" Hose		SSTC-70-78	1	
T- Bolt Clamp for 2 3/4" Hose		SSTC-73-81	1	
6mm Vacuum Hose x 25 Inches		HTSVH6-BLK	1	
10mm Vacuum Hose x 60 Inches		HTSVH10-BLK	1	
3" ID Coupler x 3" Length		P3SC-300L3	1	
2-3/4" to 3" Reducer Coupler x 3" Length		P3SR-275-300-L3	1	
2-1/2" to 3" Reducer Coupler x 3" Length		P3SR-250-300-L3	1	
Intake Bracket		530-49	1	
Rubber Vibration Mount 6mm x 1" Tall		HW-RM6-100	1	
6mm Flange Nut		HW-N6	2	
6mm Flat Washer x 16mm OD		HW-FW6L	3	
6mm Bolt x 12mm Length		HW-B6-12	1	
5/16" Plastic T-Fitting		5463K188	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 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

PLEASE READ CAREFULLY BEFORE INSTALLATION!

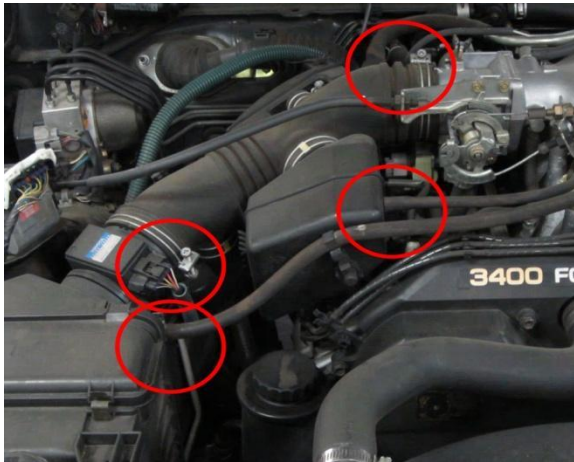
This installation is not for the novice customer. Install this system with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a tuner shop install this kit.

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 intake hose using a Philips (cross) screwdriver. Unplug the mass air flow (MAF) sensor and remove the three vacuum hoses.



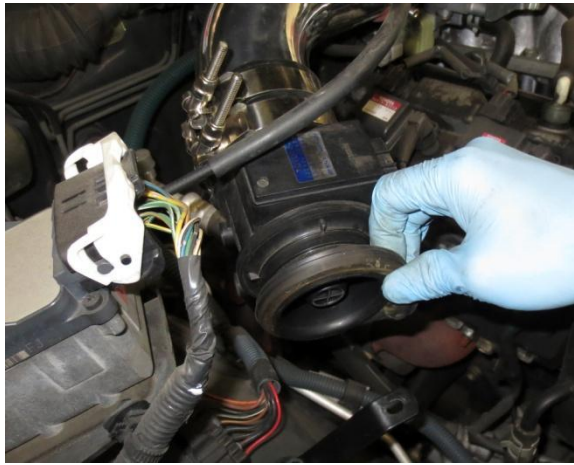
3. Remove the MAF from the intake box using a 10mm wrench.



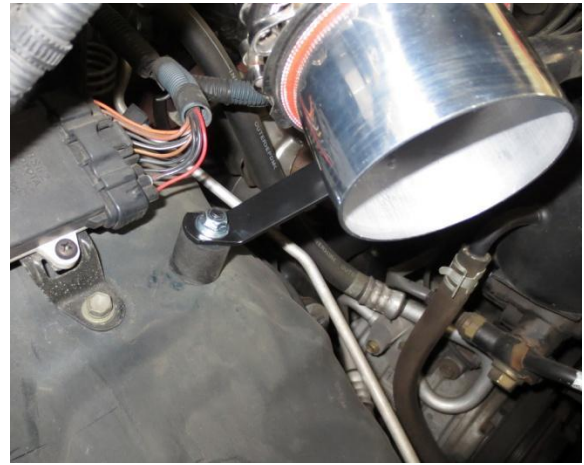
4. The air box is held on with 3 bolts. Use a 12mm socket and wrench to remove them.



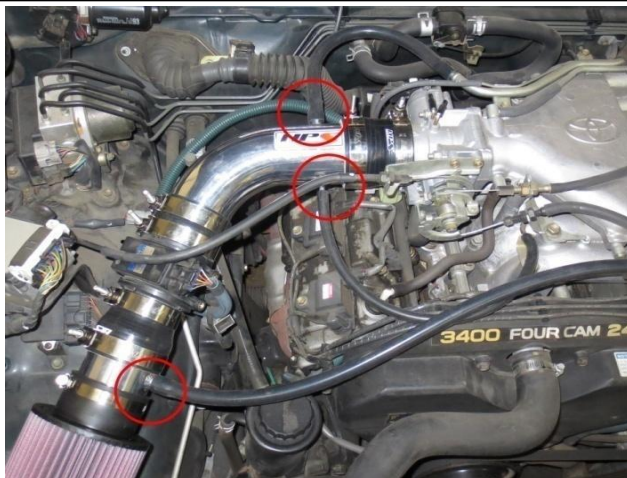
5. Install the 2 3/4" to 3" reducer along with the T-bolt clamps and the intake pipe 1 to the throttle body.



6. Install the 3" coupler with clamps onto the pipe and install the MAF sensor. Remove the rubber seal on the MAF sensor and install the 2 1/2" to 3" coupler with clamps.



7. Install the rubber mount in the existing hole and secure it with a nut and washer on the underside. Install the intake pipe 2 and bracket.



8. Install the HPS Filter using a flat blade screwdriver. Use the provided vacuum hose to replace the breather hoses.

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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.