



Performance Shortram Air Intake Kit Part Number: 827-301

Jeep 1991-2001 Cherokee 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: 827-301

Description	Prep	Part Number	Qty	Check
Intake Pipe	1	529-76	1	
HPS Air Filter	2	HPS-4276	1	
Heat Shield	2	HS-404	1	
T-Bolt Clamp for 2 9/16" Hose	3	SSTC-70-78	1	
T-Bolt Clamp for 3" Hose	3	SSTC-83-91	1	
Clamp for Heatshield	3	EMSC-80-100	1	
2 9/16" to 3" 90 Degree Elbow Coupler	3	27-301-BLK	1	
12.7mm Vacuum Hose x 24" Inches Long	3	HTSVH127-BLK	1	
1/2" Rubber Grommet	3	HW-RG12	1	
1/2" Barb Fitting	3	HW-BF-050	1	
Intake Bracket	3	530-75	1	
6mm Flat Washer, Large O.D.	3	HW-FW6L	1	
6mm Hex Head Bolt x 12mm Long	3	HW-B6-12	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.

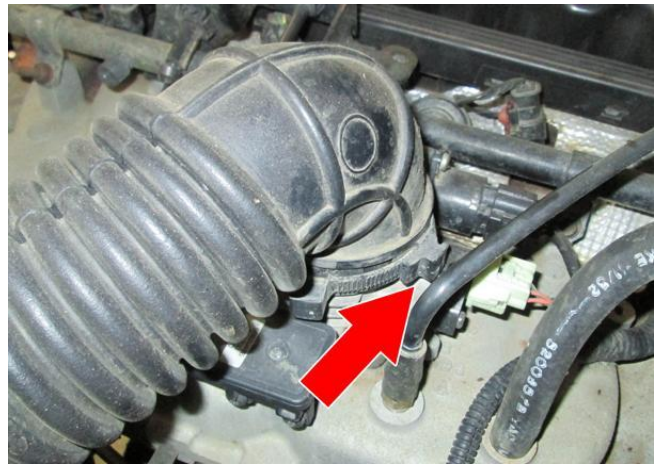
GETTING STARTED

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.



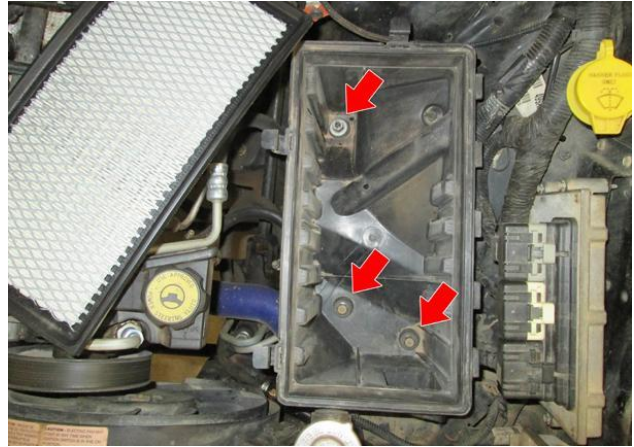
2. Remove the breather tube from the valve cover.



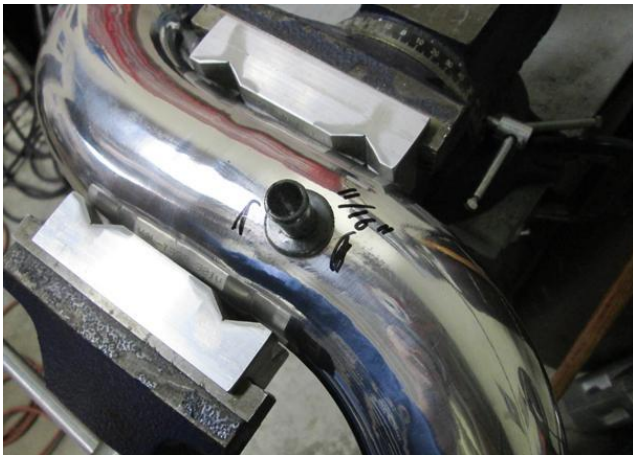
3. Loosen the plastic clamp and remove the hose from the throttle body.



4. Release the clips holding the air box and remove the upper cover. (91-95 models have an extra vent going to the air box that will need to be removed as well.)



5. Remove the air filter. Remove the two bolts and the nut that secures the lower air box.



6. **96-01 models skip this step.** On 91-95 you will have to drill an 11/16" hole in the pipe. Drill directly on the opposite side of the barb. Insert the rubber grommet and the 1/2" barb.



7. Install the optional heat shield and filter onto the intake pipe.



8. Connect the pipe to the coupler and throttle body and secure it with the T-bolt clamps. Install the vent tube from the valve cover to the intake pipe. (91-95 models install the a 3" section of hose to connect the vent tube to the 1/2" barb).



9. Bolt the bracket to the stud coming off the chassis and secure it with the factory nut. Attach the bracket to the intake pipe using the provided 6mm bolt and washer.

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 Jeep 1997-2006 Wrangler TJ 4.0L !**

Part Number: 27-1221R - MSRP: \$125.00

Contact our authorized dealers for the best pricing

or

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