



Performance Shortram Air Intake Kit

Part Number: 827-300

Jeep 2007-2011 Wrangler JK 3.8L V6

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: 827-300

Description	Prep	Part Number	Qty	Check
Intake pipe	1	529-47	1	
HPS Filter	2	HPS-4297	1	
T-Bolt Clamp for 2 3/4" Hose	3	SSTC-73-81	1	
T-Bolt Clamp for 3" Hose	3	SSCTC-79-87	1	
2 3/4" to 3" Silicone Reducer Coupler	3	P3SR-275-300-L3	1	
Intake Bracket	3	530-48	1	
6mm Flat Washer x 16mm OD	3	HW-FW6L	1	
6mm Bolt x 12mm long	3	HW-B6-12	1	
1/2" Rubber Grommet	3	HW-RG12	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!

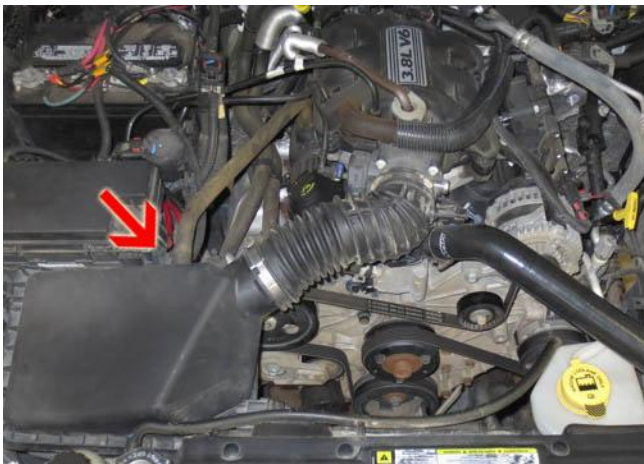
This installation is not for the novice customer. Install this system with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a tuner shop install this kit.

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 hose from the air box.



3. Disconnect the intake air temperature (IAT) sensor and remove from the hose. Next, use a flat-head (blade) screwdriver to remove the intake hose from the throttle body. The air box is now free and can be removed from the engine bay.



4. Use a 15mm socket and ratchet to remove the bolt indicated in the image above.



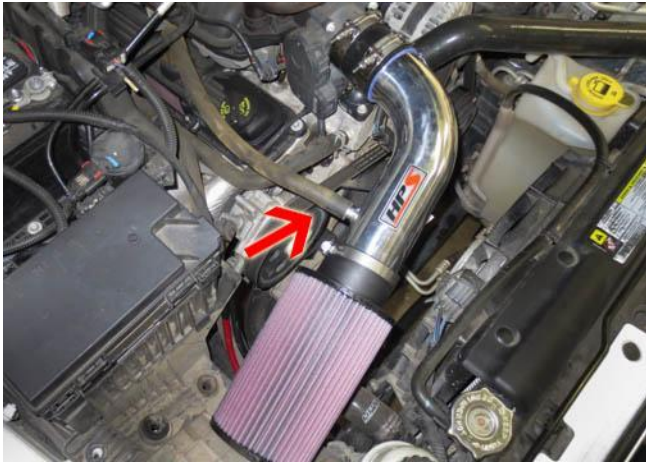
5. Install the intake bracket by sliding the original bolt through the bracket and reinstalling into its original location.



6. Install the silicone coupler and T-bolt clamps onto the throttle body. Be careful when tightening the T-bolt clamp onto the plastic throttle body, as over tightening the clamp will result in a damaged throttle body.



7. Install the rubber grommet and air temperature sensor onto the new HPS intake pipe.



8. Attach the intake pipe to the coupler. Reattach the factory breather hose to the intake pipe. Connect the air temperature sensor harness to the sensor.



9. Attach the HPS air filter to the intake pipe and tighten using a flat-head (blade) screwdriver. Install the bracket onto the intake with the supplied 6mm washer and bolt.

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 2007-2011 Wrangler 3.8L V6 !**

Part Number: 57-1220R - MSRP: \$135.00

Contact our authorized dealers for the best pricing

or

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