



Performance Shortram Air Intake Kit

Part Number: 827-676

2012-2018 Audi A6 Quattro 3.0L
2012-2018 Audi A7 Quattro 3.0L

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

Kit Number: 827-676

Description	Prep	Part Number	Qty	Check
Air Intake Pipe	1	529-572	1	
Heatshield	2	531-573	1	
Intake Bracket	3	530-450	1	
HPS Air Filter	4	HPS-4300	1	
HPS Performance Breather Filter	4	HPS-4330	1	
Hose Clamp for 3.00"	5	EMSC-70-90	1	
Hose Clamp for 3.50"	5	EMSC-80-100	1	
3.00"-3.50" Reducer Coupler x 3.00" Long	5	P3SR-300-350	1	
M6 Bolt x 12mm long	5	HW-B6-12	3	
M6 Bolt x 16mm long	5	HW-B6-16	1	
M6 Flat Washer x 16mm OD	5	HW-FW6L	4	
M6 Rubber Grommet Inserts	5	HSM-M6-1028	3	
Bubble Edge Trim x 25 inches	5	Bubble Edge Trim	1	
Clamp for Breather Hose	5	FIC-8	1	
Breather Filter Adapter	5	CNC-MK4-05	1	
8" Ziptie	5	8 IN ZIPTIE	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.

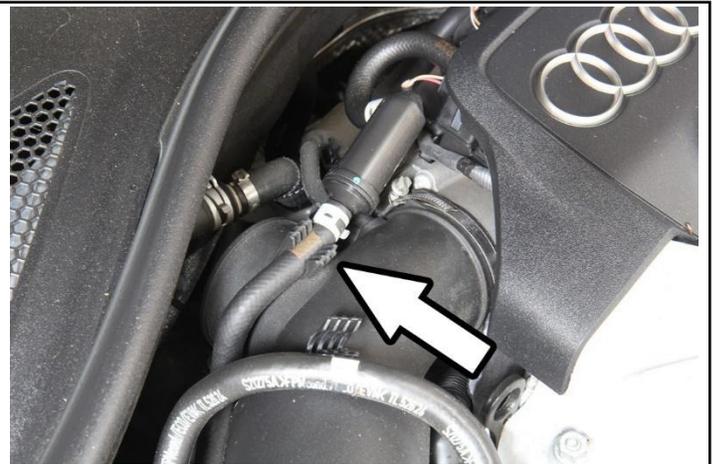
GETTING STARTED

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.

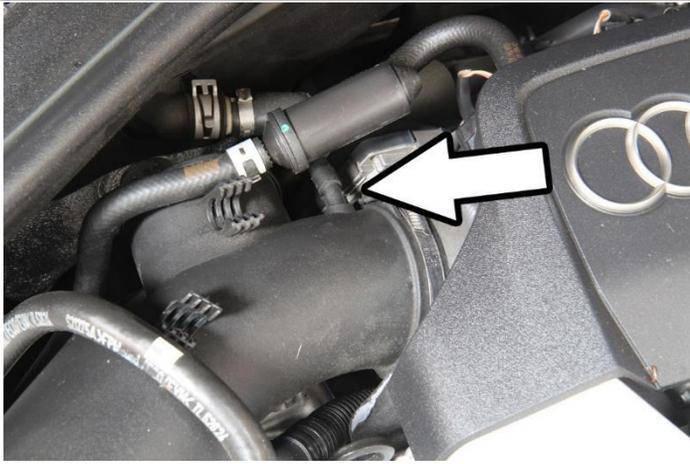
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles' 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. Loosen the hose clamps securing the intake tube from the air box and the throttle body.



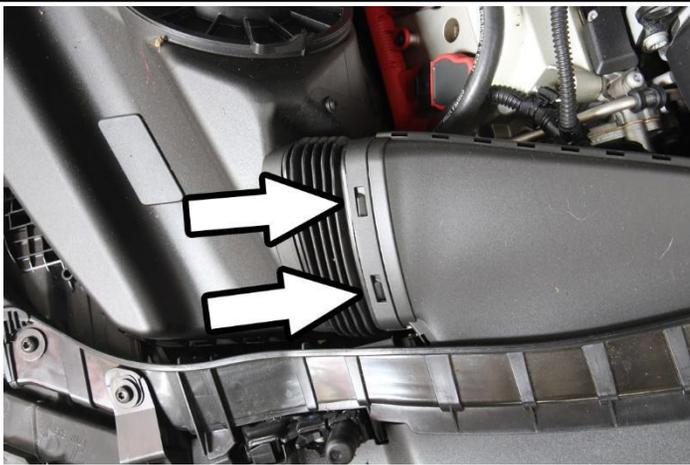
3. Disconnect the air hose from the stock intake tube bracket.



4. Disconnect the breather hose from the intake tube near the throttle body.



5. Remove the stock intake tube from the vehicle.



6. Depress the locking tabs to release the air duct from the air box assembly.



7. Carefully lift the air box assembly to release the mounts from the rubber grommets, then pinch down the secondary air injection hose connector to release the air box assembly.



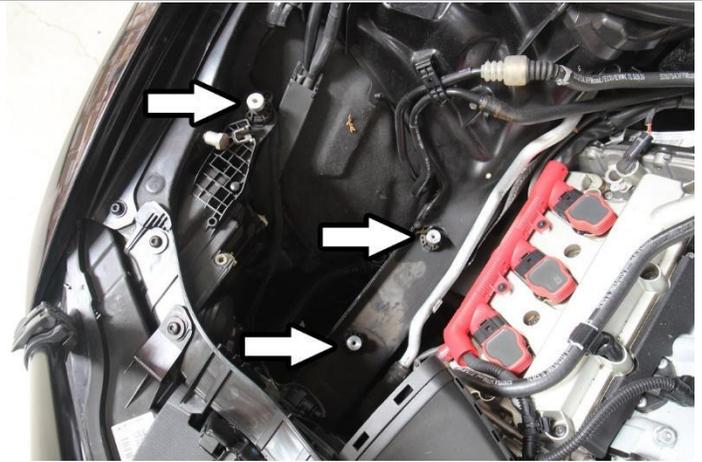
8. Install the reducer coupler along with the provided T-bolt clamps onto the throttle body.



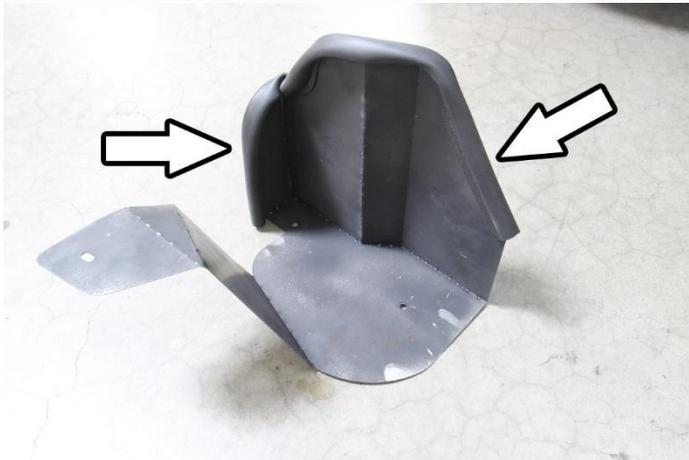
9. Install the breather filter onto the included quick connect fitting. Tighten the hose clamp to secure the breather filter.



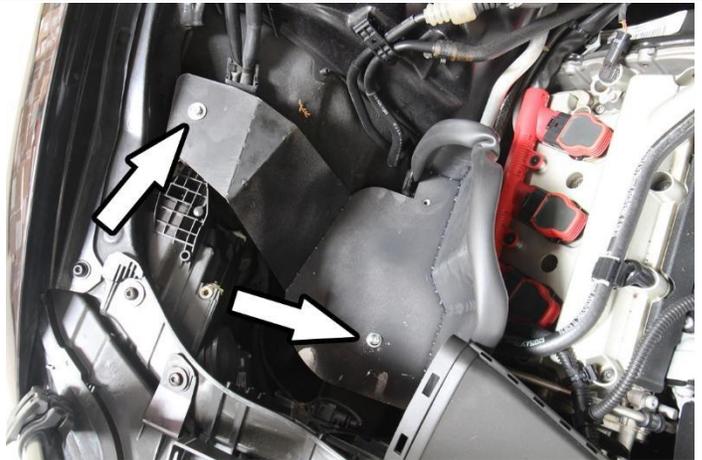
10. Connect the breather hose assembly onto the secondary air injection hose. Find a secure place to fasten the filter to using the provided zip tie. Check that the heat shield will not interfere with the filter.



9. Install the provided M6 threaded inserts into the stock air box rubber mounts.



10. Install the provided bubble edge trim onto the indicated areas shown on the heatshield.



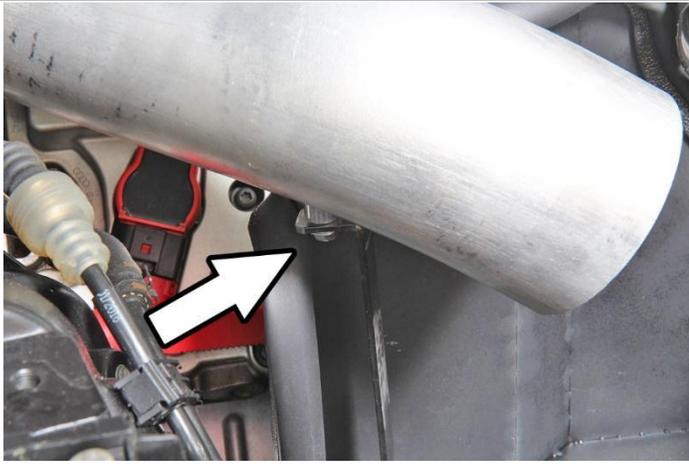
11. Insert the heatshield into the vehicle and secure the heatshield with the provided M6 x 12mm bolts and washers in the areas shown above.



12. Install the intake bracket onto the remaining heatshield mount with the provided M6 x 16mm bolt and washer. *Do not secure the bolt yet because it will need to adjusted when installing the intake pipe.



13. Insert the HPS intake pipe into the throttle body and align the intake mount to the intake bracket.



14. Once the intake pipe is positioned correctly, secure the intake pipe with the provided M6 x 12mm bolt and washer. Tighten the hose clamp securing the intake pipe to the coupler.



15. Re-install the breather hose onto the intake barb and secure the hose using our provided FIC-8 clamp.



16. Insert the HPS performance air filter onto the intake pipe.

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.

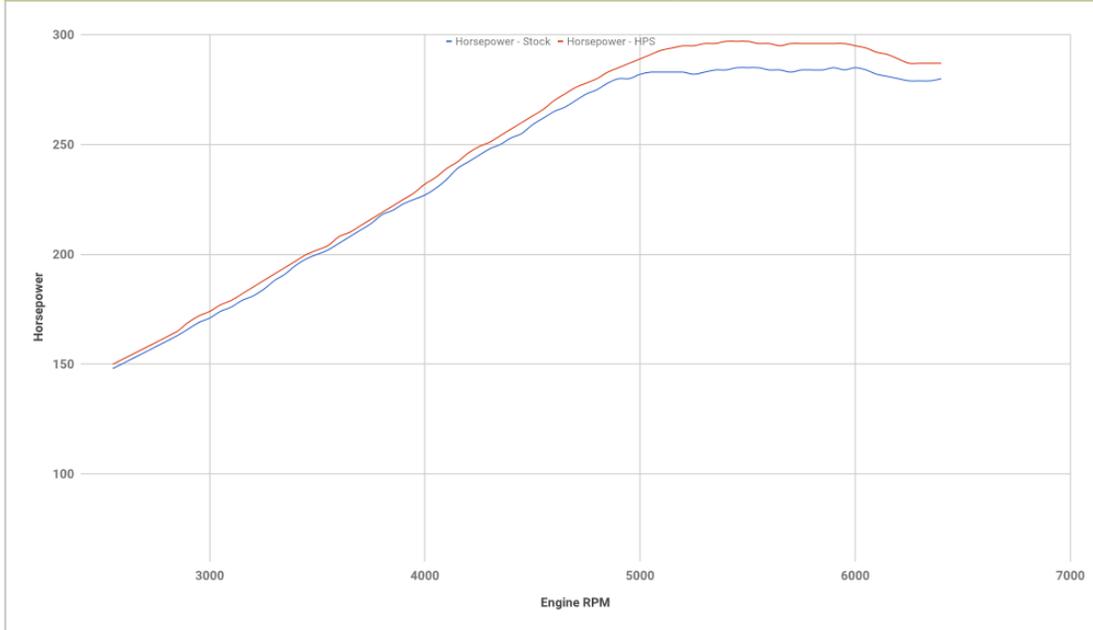
Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles 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.



HPS Performance Air Intake Kit with Heat Shield
2012 Audi C7 A6 Quattro
Part Number: 27-676

Maximum Horsepower Gains = 13 whp @ 5250 rpm



HPS Performance Air Intake Kit with Heat Shield
2012 Audi C7 A6 Quattro
Part Number: 27-676

Maximum Torque Gains = 13 ft/lb @ 5250 rpm

