



## **Performance Air Intake Kit**

**Part Number: 827-681**

**Dodge 2019-2023 Charger SRT Hellcat  
6.2L V8 Supercharged**

## **Installation Instructions**

For technical inquiries please email us at [tech@hpsperformanceproducts.com](mailto: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: 827-681

Line #	Description	Part Number	Qty
1	Air Intake Pipe	529-590V2	1
2	Heat shield	531-591V2	1
3	Air filter Cover	531-592V2	1
4	HPS Performance Air Filter	HPS-4338	1
5	4.00" - 5.00" Reducer Coupler x 3" Long	P3SR-400-500-L3	1
6	Embossed Clamp, 16mm - 27mm	EMSC-16-27	2
7	Embossed Clamp, 90mm - 110mm	EMSC-90-110	1
8	Embossed Clamp, 120mm - 140mm	EMSC-120-140	1
9	Bolt, M6 x 1.0, 16mm Long	HW-B6-16	3
10	M6 Flat Washer 16mm OD	HW-FW6L	3
11	5/8" EPDM Hose	EPDM-062	16 inches
12	Bubble Edge Trim	BUBBLE EDGE TRIM	18 inches
13	Bubble Edge Trim	BUBBLE EDGE TRIM	48 inches

- Before installing any parts of this intake kit, 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](mailto: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 kit while the engine is hot.
- This installation may require removal of coolant lines that may be hot.
- For technical inquiries, please email us at [tech@hpsperformanceproducts.com](mailto:tech@hpsperformanceproducts.com)

## **PLEASE READ CAREFULLY BEFORE INSTALLATION!**

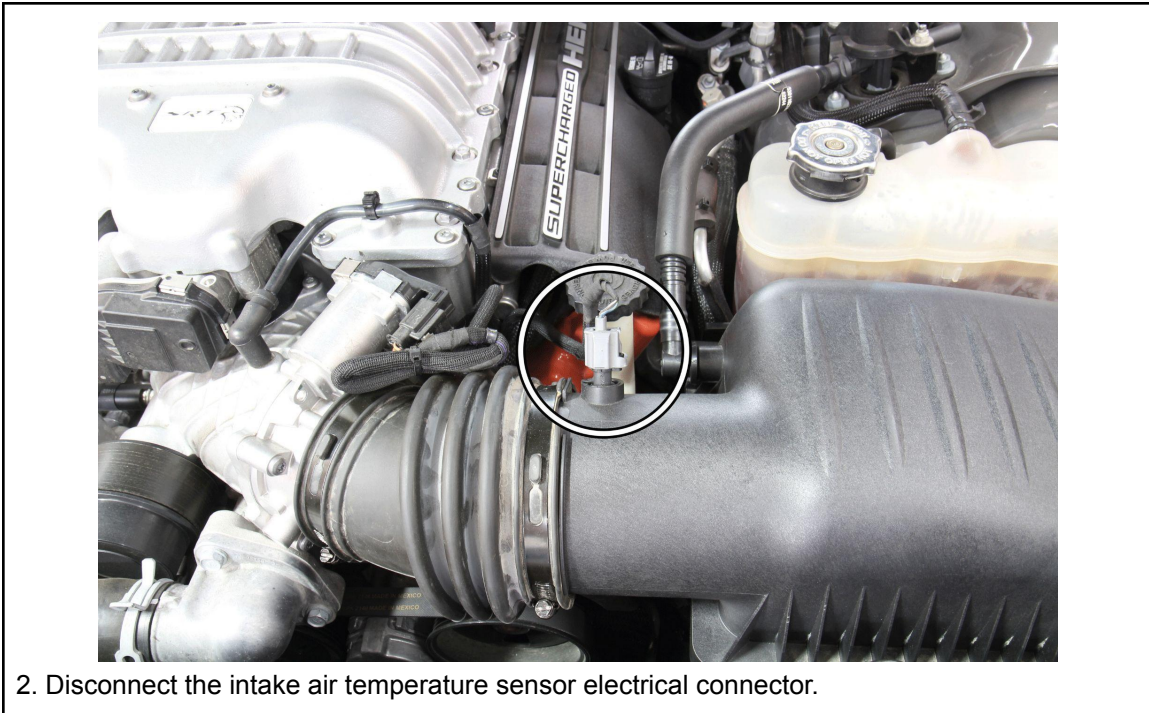
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

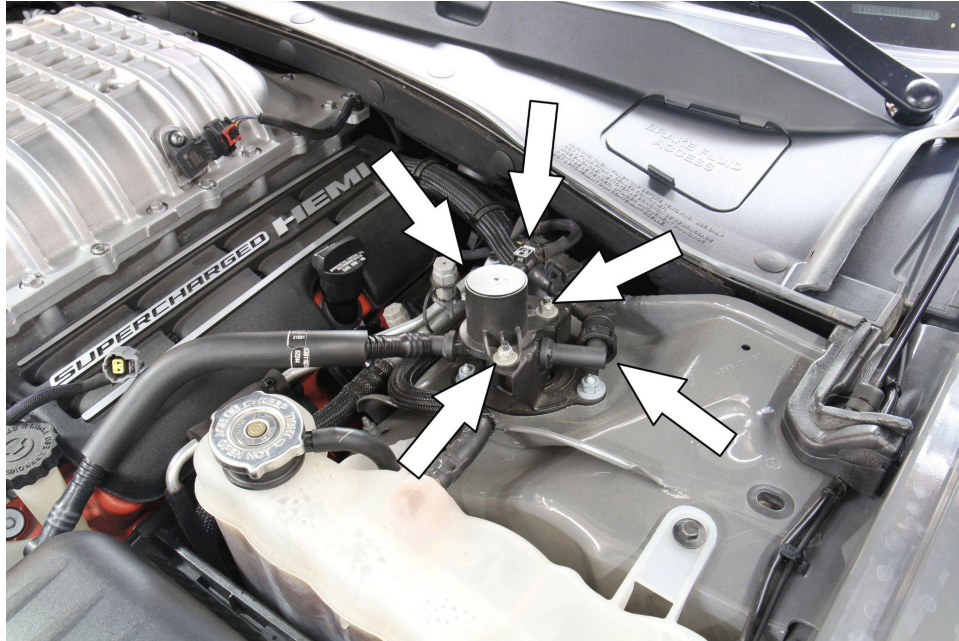
**NOTE: HPS holds no responsibility for any engine damage that results from misuse of this product.**

## **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.

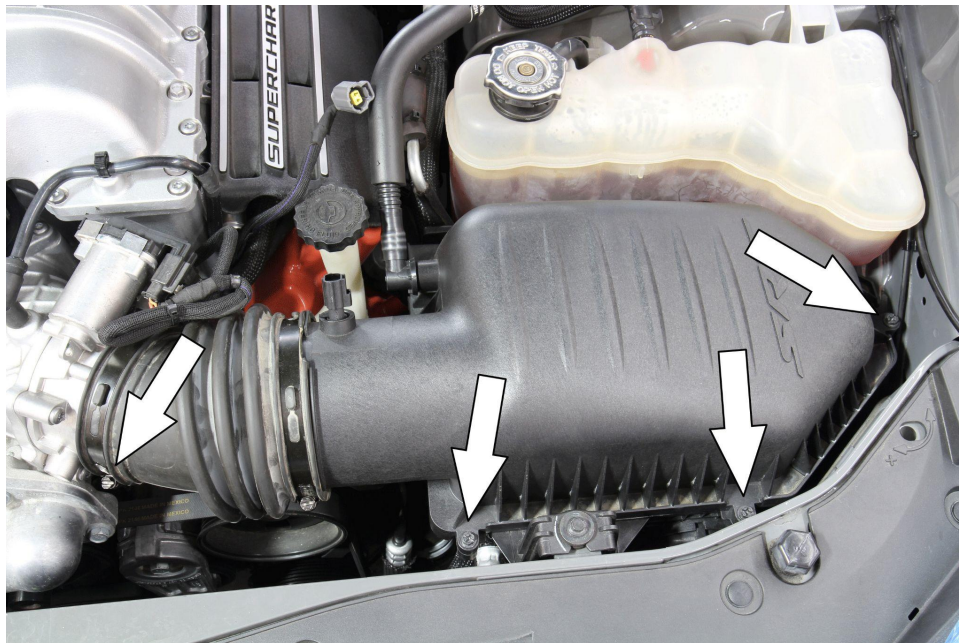
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your 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.





3. For vehicles equipped with a rubber vent hose, disconnect the rubber vent hose from the air box. **The vent solenoid valve will not be removed if your vehicle is equipped with a rubber vent hose.**

For vehicles equipped with a plastic vent hose, remove the vent solenoid valve by removing the three 10mm nuts, disconnecting the electrical connection, and disconnecting the crank case vent line.



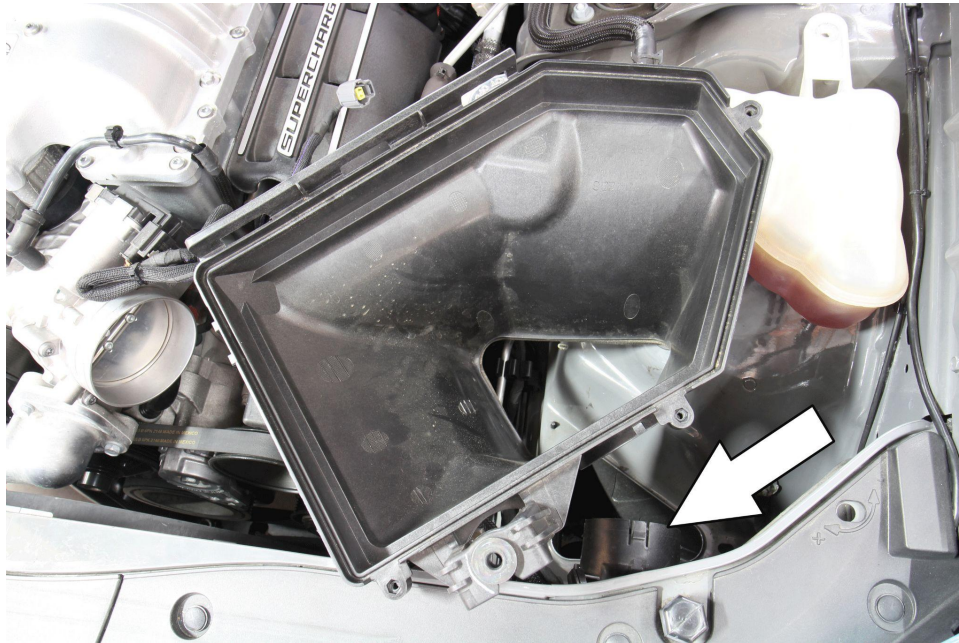
4. Remove the three 8mm bolts securing the upper air box assembly, then loosen the hose clamp securing the intake tube from the throttle body.



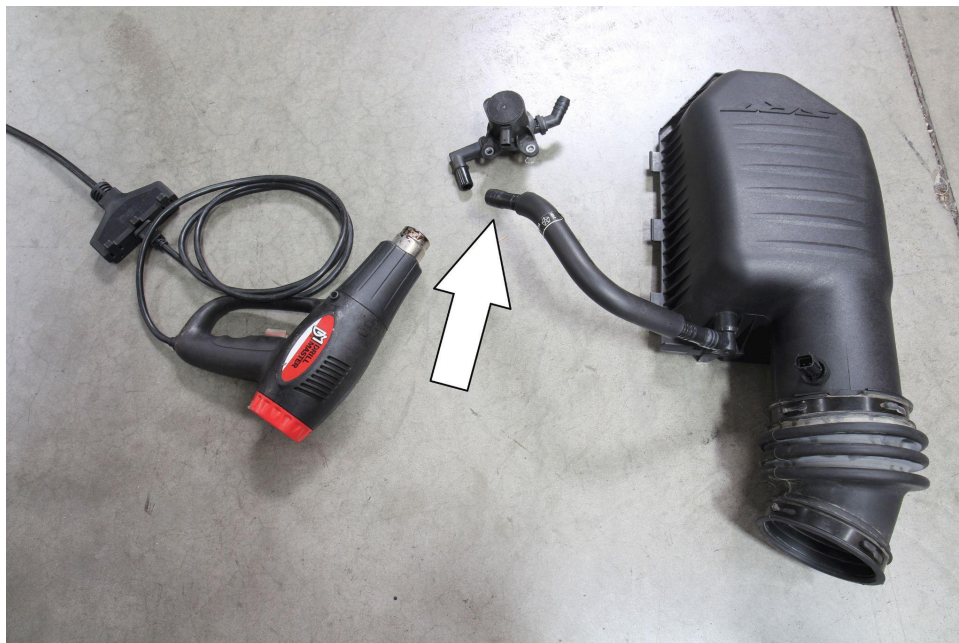
5. Remove the two 10mm bolts securing the coolant tank reservoir. \*Lifting the coolant tank up will help give you clearance when removing the lower air box assembly.



6. Remove the 8mm bolt securing the lower air box.



7. Disconnect the factory air duct from the lower air box assembly. Lift the coolant reservoir up to give you enough clearance, then firmly grasp the lower airbox to remove it from the vehicle.



8. For vehicles equipped with a plastic vent hose, use a heat gun to soften the plastic vent hose and remove it from the solenoid. If a heat gun is not accessible, you may use a razor blade to cut a slit in the plastic vent hose to remove it.

**NOTE: Skip this step if your vehicle is equipped with a rubber vent hose.**



9. Reinstall the breather vent solenoid valve back into the vehicle using the 3 stock nuts. Reconnect the electrical connector and crank case vent line.

**NOTE: Skip this step if your vehicle is equipped with a rubber vent hose.**



10. Insert the HPS reducer coupler onto the throttle body along with the provided embossed clamps.

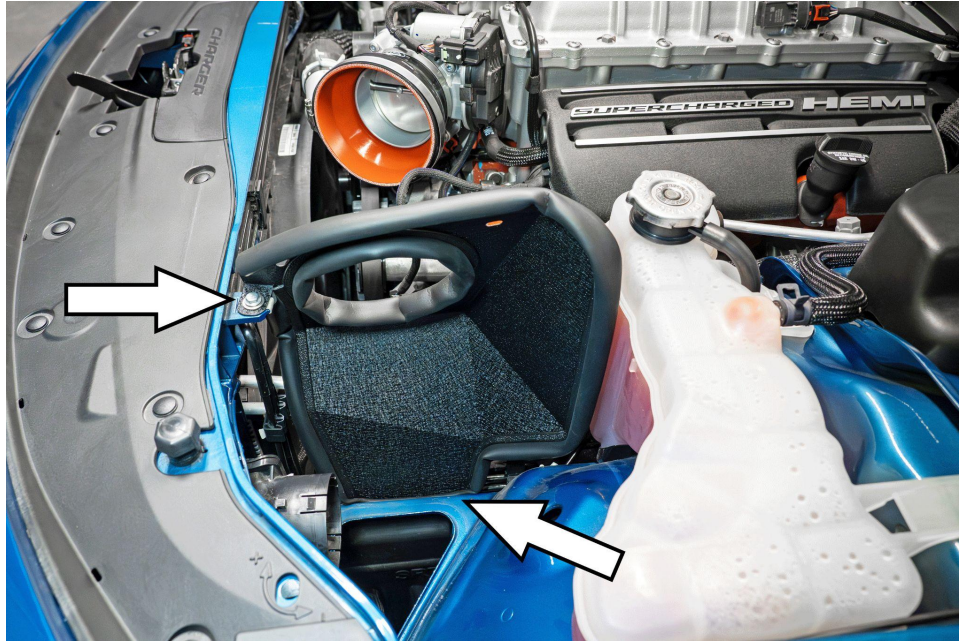


11. Reinstall the two 10mm bolts securing the coolant reservoir.

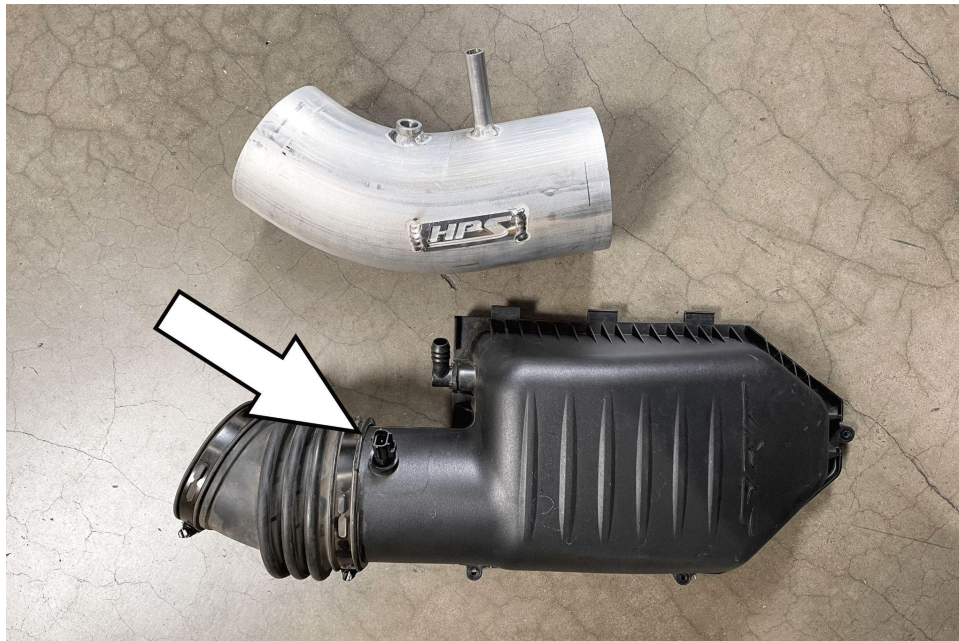


12. Install the provided bubble edge trim onto the heat shield as shown.





13. Insert and secure the HPS heat shield into the vehicle using the provided M6x16mm (1) bolt and washer (1) onto the original air box mounting point.



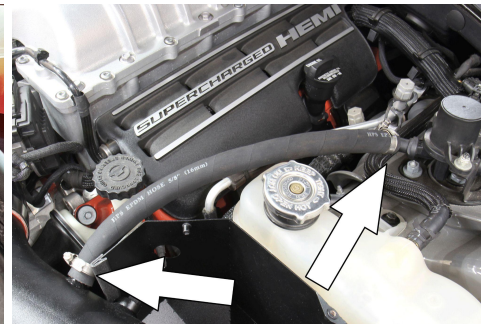
14. Remove the air temperature sensor from the air box and secure it into the HPS intake pipe.



15. Insert the HPS intake pipe into the opening on the heat shield, then into the throttle body coupler. Rotate and secure the intake pipe into position.

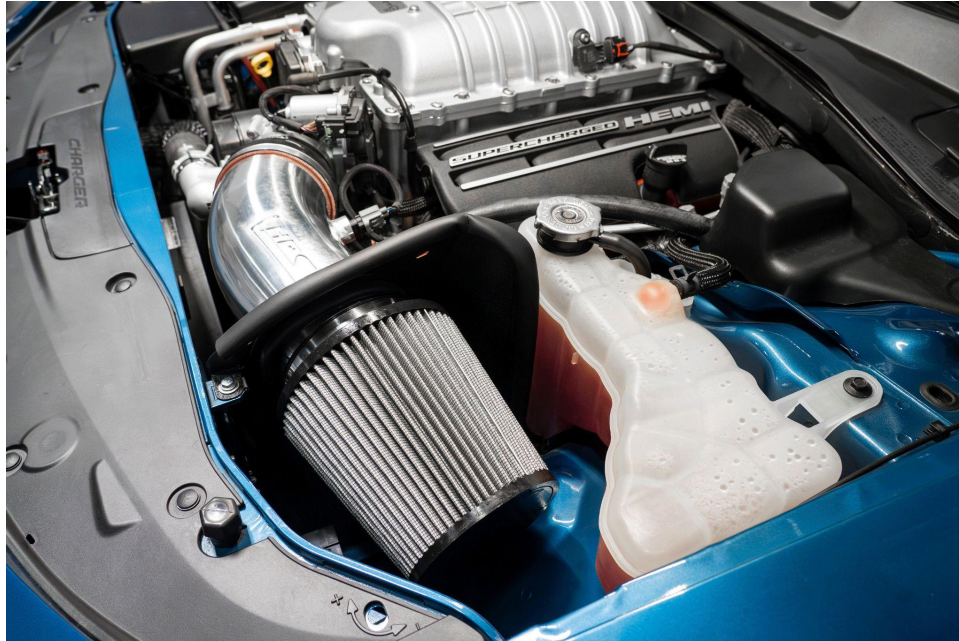


Reference A



Reference B

16. Reconnect the intake air temperature harness connector and vent hose.  
For vehicles equipped with a rubber vent hose, use 1x provided EMSC-16-27 clamp to secure the hose onto the intake barb (Reference A). For vehicles with a plastic vent hose, install the provided  $\frac{5}{8}$ " EPDM hose along with the EMSC clamps (2) to connect the solenoid valve and intake barb (Reference B).



17. Install the provided HPS performance air filter.



18. Secure the rain shield onto the heat shield using the provided M6 x16mm bolts (2) and washers (2).

## **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.

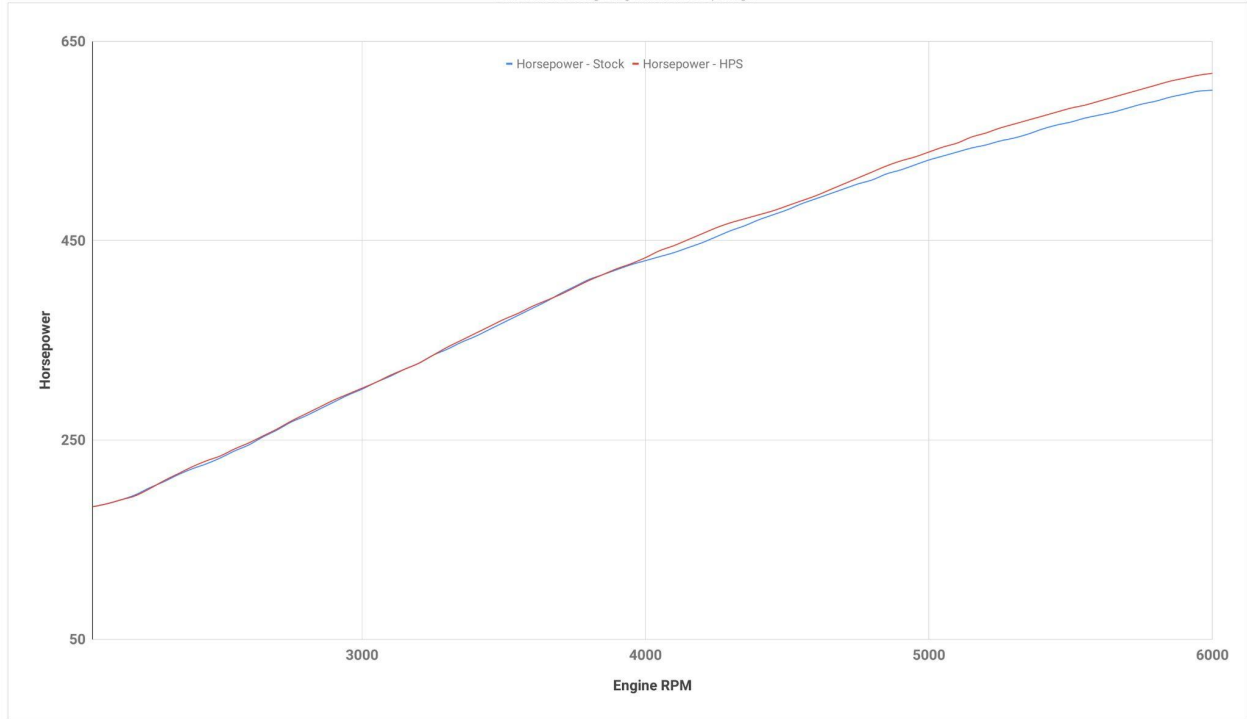
Periodically, recheck the alignment of the intake system and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.



HPS Performance Air Intake Kit with Heat Shield (827 Series)  
2019-2020 Dodge Charger Hellcat 6.2L V8 Supercharged  
Part Number: 827-681

**Maximum Horsepower Gains = 14 whp @ 5300 rpm**

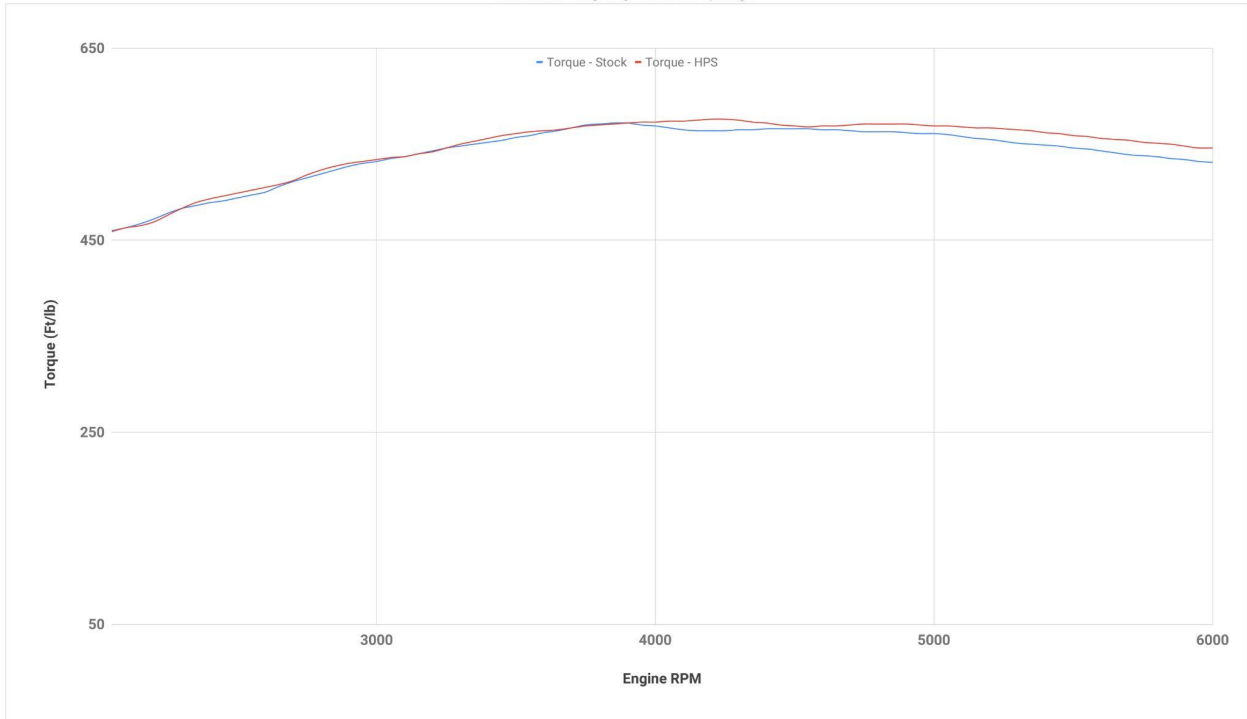
Tested Vehicle: 2019 Dodge Charger Hellcat 6.2L V8 Supercharged



HPS Performance Air Intake Kit with Heat Shield (827 Series)  
2019-2020 Dodge Charger Hellcat 6.2L V8 Supercharged  
Part Number: 827-681

**Maximum Torque Gains = 14 ft/lb @ 5300 rpm**

Tested Vehicle: 2019 Dodge Charger Hellcat 6.2L V8 Supercharged



**Also available for Dodge 19-23 Charger SRT Hellcat 6.2L Supercharged**



**HPS Silicone Radiator Hose Kit**  
[Part Number 57-1848](#)



**HPS Magnetic Drain Plug**  
[Part Number MDP-M14x15](#)

**Contact an authorized HPS Performance dealer or  
visit us at [hspperformanceproducts.com](http://hspperformanceproducts.com) for more details**