



Performance Air Intake Kit Part Number: 827-672

2018-2023 Kia Stinger 3.3L V6 Twin Turbo

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: 827-672

| Description | Prep | Part Number | Qty | Check |
|---------------------------------------|------|----------------|-----|-------|
| Driver Side Intake Pipe | 1 | 529-550 | 1 | |
| Passenger Side Intake Pipe | 1 | 529-551 | 1 | |
| | | | | |
| Heatshield #1 | 2 | 531-553 | 1 | |
| Heatshield #2 | 2 | 531-554 | 1 | |
| | | | | |
| Heat Shield Bracket #1 | 3 | 530-555V2 | 1 | |
| Heatshield Bracket #2 | 3 | 530-556 | 1 | |
| | | | | |
| HPS Performance Air Filter | 4 | HPS-4275 | 2 | |
| | | | | |
| T-Bolt Clamp for 2.25" Hose | 5 | SSTC-57-65 | 2 | |
| T-Bolt Clamp for 2.50" Hose | 5 | SSTC-67-75 | 2 | |
| 2.25" – 2.50" Reducer x 3" Long | 5 | P3SR-225-250 | 2 | |
| Embossed Clamp for 1" Heater Hose | 5 | EMSC-25-40 | 4 | |
| M6 Flange Nut | 5 | HW-N6 | 4 | |
| M6 Flat Washer x 16mm OD | 5 | HW-FW6L | 8 | |
| M6 Bolt x 16mm Long | 5 | HW-B6-16 | 4 | |
| M6 x 1/2" Tall Rubber Vibration Mount | 5 | HW-RM6-50 | 2 | |
| EPDM Hose 25mm x 10 Inches | 5 | EPDM-100 | 1 | |
| EPDM Hose 25mm x 6.5 Inches | 5 | EPDM-100 | 1 | |
| Thin Edge Trim x 78 Inches | 5 | Thin Edge Trim | 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 email 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.



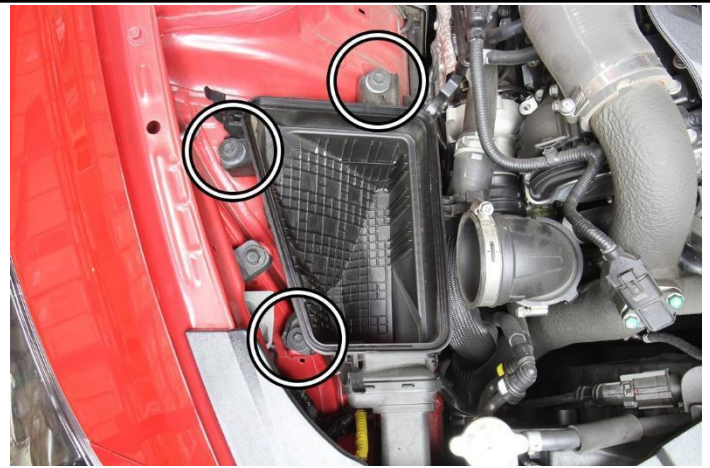
2. Remove the four 12mm bolts securing the strut tower braces and remove them from the vehicle.



3. Unclip the four retaining clips securing the passenger side air box and loosen the hose clamp securing the intake tube from the air box.



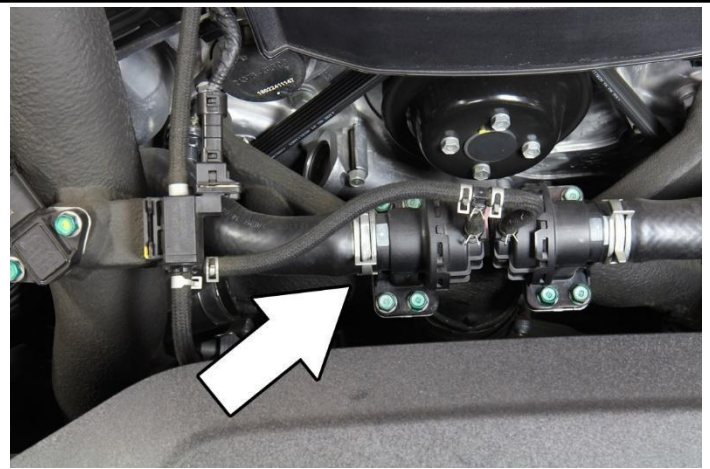
4. Separate the upper air box from the intake tube and remove the upper air box from the vehicle.



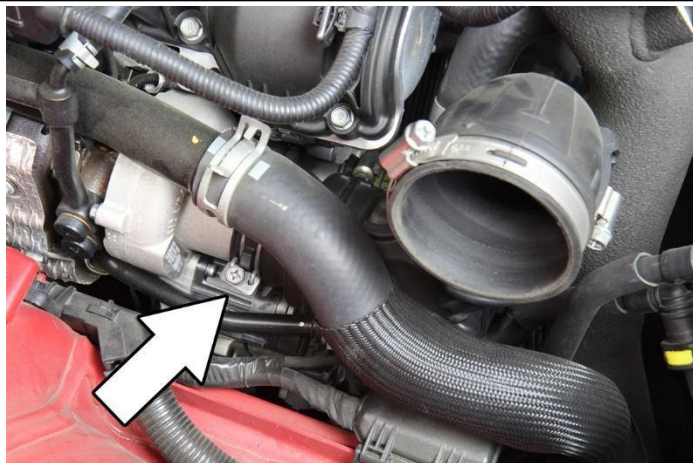
5. Loosen and remove the three 10mm bolts securing the lower air box assembly.



6. Remove the lower air box assembly from the vehicle.



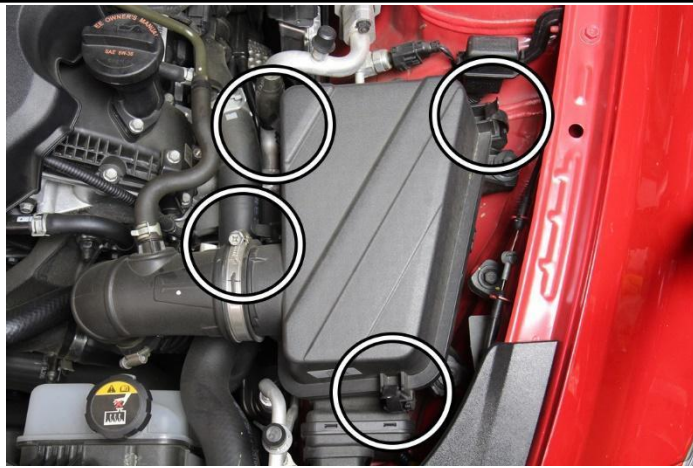
7. Loosen the spring clamp and remove the hose from the blow off valve.



8. Loosen the hose clamp securing the passenger side intake tube from the turbo inlet.



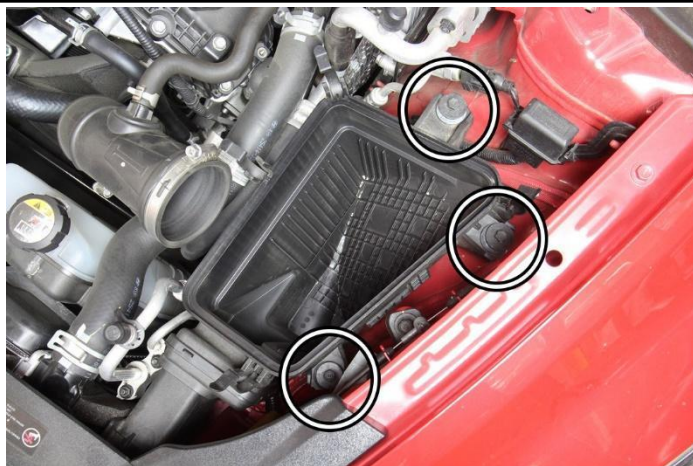
9. Remove the passenger side intake tube from the engine.



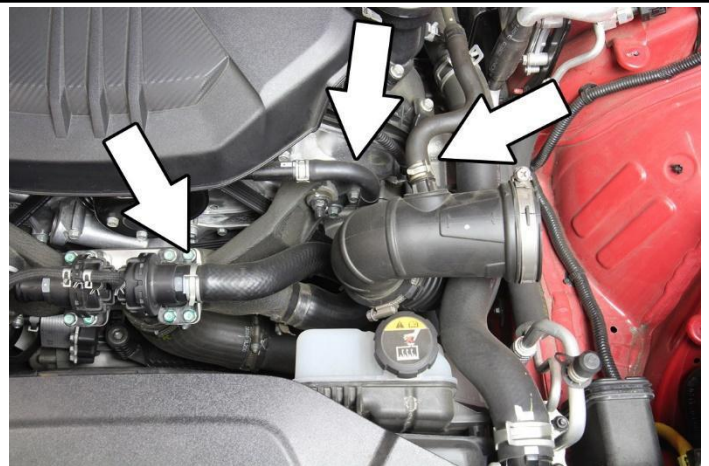
10. Unclip the four retaining clips securing the driver side air box and loosen the hose clamp securing the intake tube from the air box.



11. Separate the upper air box from the intake tube and remove the upper air box from the vehicle.



12. Loosen and remove the three 10mm bolts securing the lower air box assembly.



13. Loosen the spring clamp and remove the hose from the blow off valve. Loosen the spring clamps securing the breather hoses from the intake tube and disconnect the hoses from the intake tube.



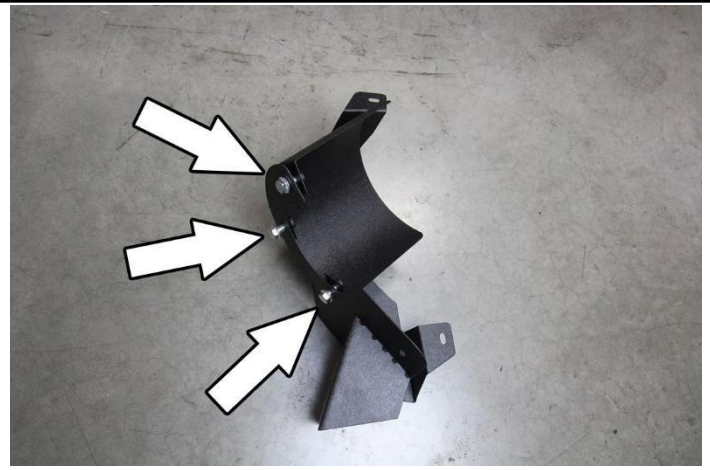
14. Loosen the clamp securing the intake tube from the turbo inlet.



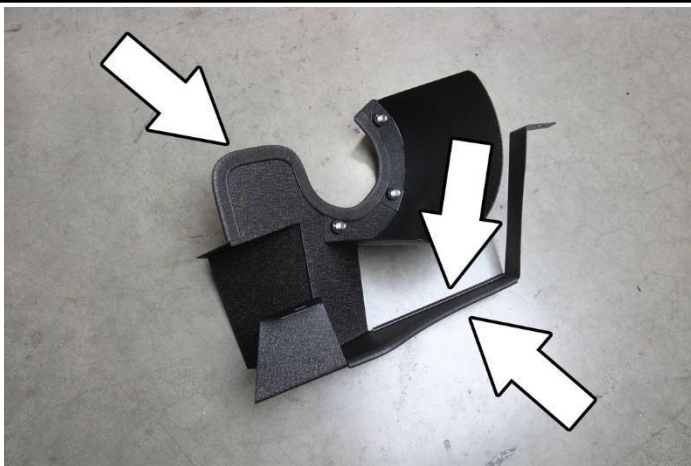
15. Remove the driver side intake tube from the vehicle.



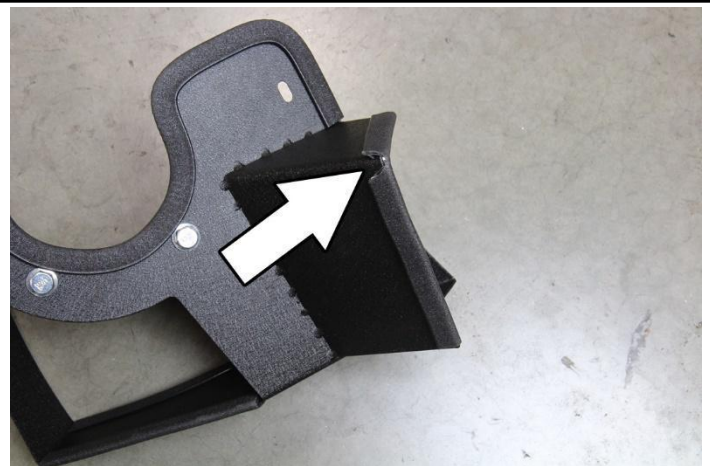
16. Install the coupler and the T-bolt clamps provided in the hardware kit onto the driver's side turbo inlet.



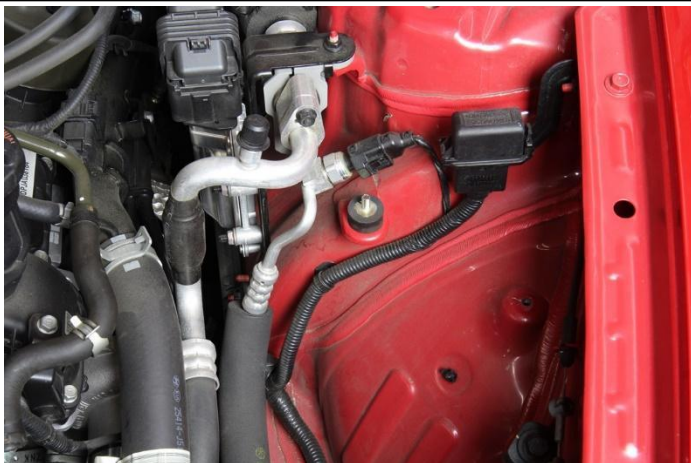
17. Locate the driver's side heat shield and install the heat-shield extension with the provided 12mm bolts.



18. Insert the edge trim onto the heatshield in the areas shown. *Note* - You will have to cut the trim to length.



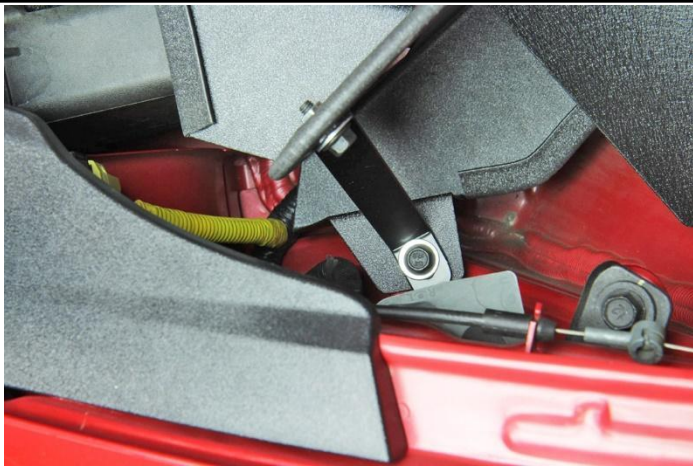
19. Insert the edge trim on the air scoop of the heatshield. *OPTIONAL* For corners, it is easier to install the edge trim by making a cut into the outside edge of the trim.



20. Install the 1/2" vibration mount onto the factory air box mount.



21. Insert the heat shield into the vehicle and secure the heatshield with a m6 nut and washer onto the vibration mount.



22. Install and secure the heat shield bracket onto the heat shield. Secure the bracket with the provided M6x16 bolts, washers, and nuts.



23. Prep the driver side HPS intake pipe by installing the shorter hose provided in the hardware kit onto the barb as indicated and secure the hose with the provided hose clamp.



24. Insert the HPS intake pipe into the coupler. Adjust the intake pipe so that there is proper clearance around the intake pipe, then tighten the clamp securing the intake pipe to the coupler.



25. Insert the hose into the BOV outlet and secure the hose with the provided hose clamp.



26. Insert the remaining breather hoses onto the intake barbs.



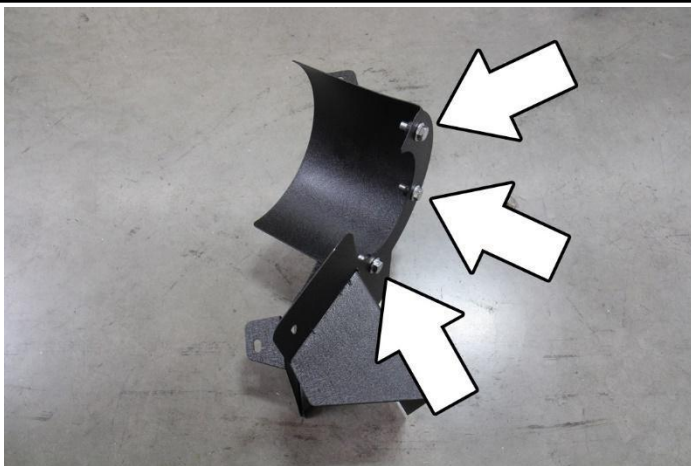
27. Install the provided HPS performance air filter.



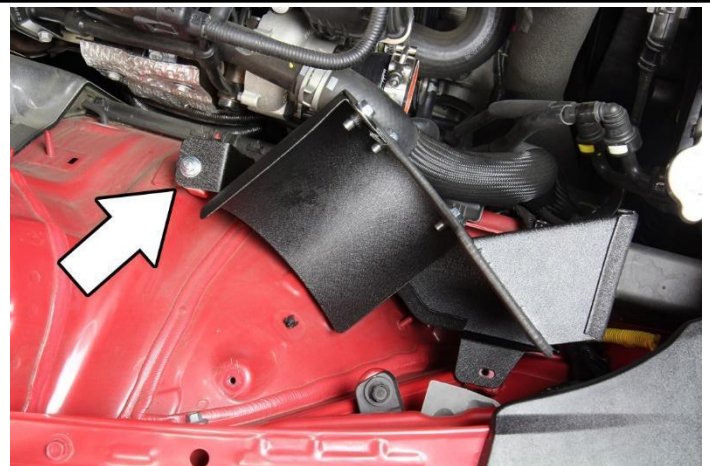
28. Install the coupler along with the provided clamps onto the passenger side turbo inlet.



29. Install the 1/2" vibration mount onto the factory air box mount.



30. Locate the passenger side heat shield and install the heat-shield extension with the provided 12mm bolts. Insert the edge trim onto the heat-shield as the same as step 18 & 19



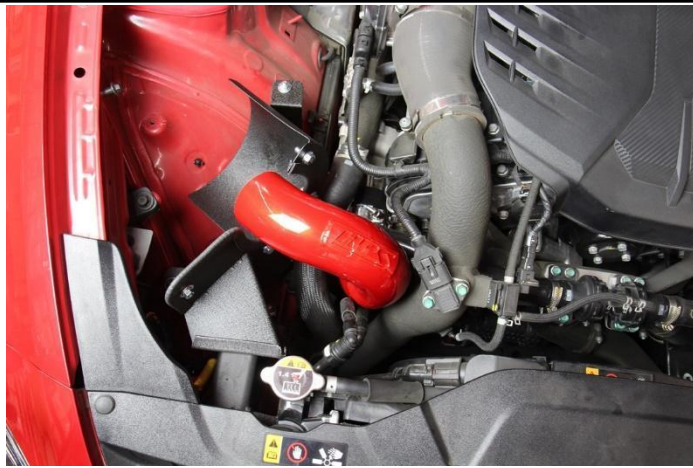
31. Insert the heat shield into the vehicle and secure the heat shield with a m6 nut and washer onto the vibration mount.



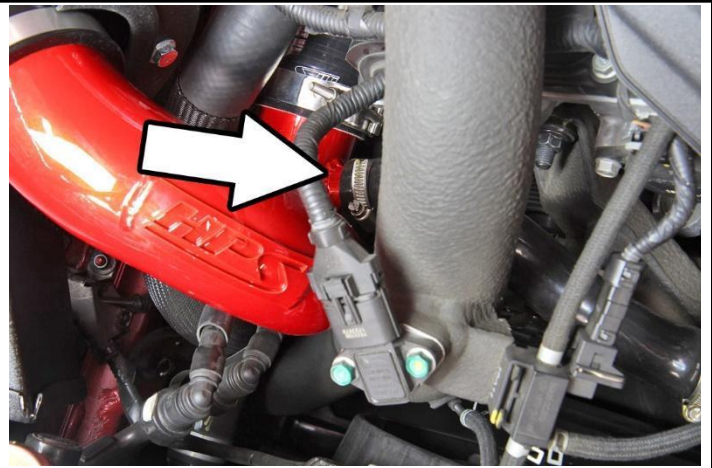
32. Install and secure the remaining heat shield bracket onto the heat shield. Secure the bracket with the provided M6x16 bolts, washers, and nuts.



33. Insert and secure the remaining hose onto the BOV outlet with the provided hose clamp.



34. Insert the HPS intake pipe into the coupler. Adjust the intake pipe so that there is proper clearance around the intake pipe, then tighten the t-bolt clamp securing the intake pipe to the coupler.



35. Insert the hose onto the intake barbs and secure the hose with our provided hose clamp.



36. Install the provided HPS performance air filter.



37. Reinstall the driver side strut tower brace onto the vehicle.



38. Reinstall the passenger side strut tower brace onto the vehicle.

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.

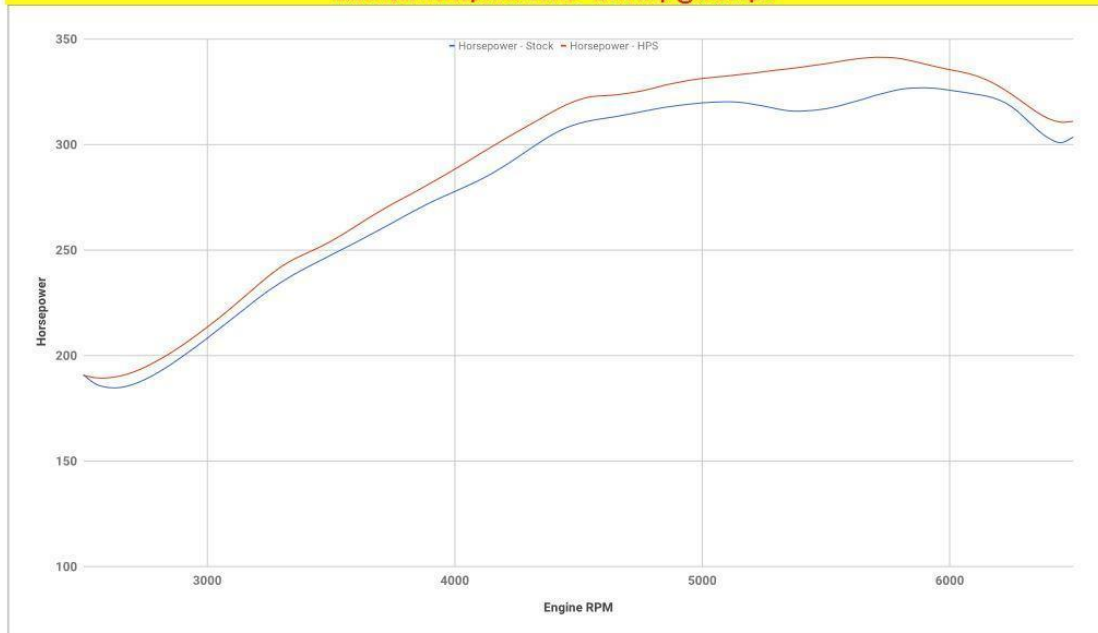
Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles 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 Shortram Air Intake
2018-2019 Kia Stinger 3.3L V6 Turbo
Part Number: 827-672

Maximum Horsepower Gains = 21.4 whp @ 5450 rpm



HPS Performance Shortram Air Intake
2018-2019 Kia Stinger 3.3L V6 Turbo
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Maximum Torque Gains = 20.6 ft/lb @ 5450 rpm

