



Performance Air Intake Kit

Part Number: 827-772

BMW 2023-2025 M2 3.0L Turbo
BMW 2021-2025 M3 3.0L Turbo
BMW 2021-2025 M4 3.0L Turbo

Installation Instructions

For technical inquiries please email us at tech@hpsperformance.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: 827-772

Line #	Description	Part Number	Qty
1	Air Intake Pipe	529-967	1
2	Heat Shield Lid, Driver Side	531-983	1
3	Heat Shield Lid, Passenger Side	531-984	1
4	Heat Shield, Driver Side	531-968	1
5	Heat Shield, Passenger Side	531-969	1
6	HPS Performance Air Filter	HPS-4302	2
7	Straight Coupler, 3" ID, 2" Long	P3SC-300-L2	1
8	Straight Coupler, 3-1/2" ID, 2-1/2" Long	P3SC-350-L25	1
9	Quick Connect, BMW	CH-G82-1	1
10	Quick Connect, BMW	CNC-G82-QC1	1
11	Quick Connect, BMW	CNC-G82-QC2	1
12	Embossed Hose Clamp, 60mm - 80mm	EMSC-60-80	1
13	Embossed Hose Clamp, 70mm - 90mm	EMSC-70-90	2
14	Embossed Hose Clamp, 80mm - 100mm	EMSC-80-100	3
15	Bolt, M5 x 0.8, 12mm Long	HW-B5-12	8
16	Bolt, M6 x 1.0, 12mm Long	HW-B6-12	9
17	Flat Washer, M6, 16mm OD	HW-FW6L	9
18	Heat Shield Mounting Bung, M6	HSM-M6-1028	5
19	Velocity Stack, 3-1/2 - 6" Inlet	HW-VS-350-600	2
20	Thin Edge Trim	75B7X1/16	9 inches
21	Bubble Edge Trim	7750B2X1/16C	79 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.
- 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 kit while the engine is hot.
- This installation may require the removal of coolant lines that may be hot.
- For technical inquiries, please email us at tech@hpsperformance.com

PLEASE READ CAREFULLY BEFORE INSTALLATION!

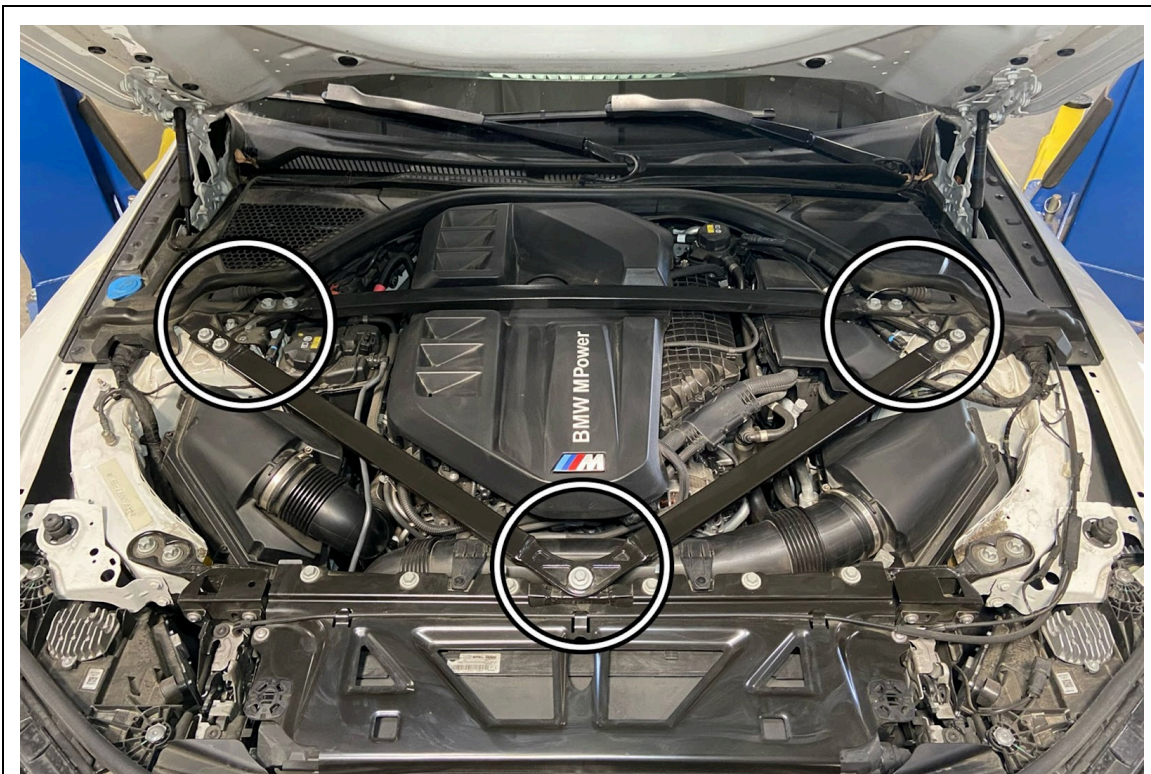
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

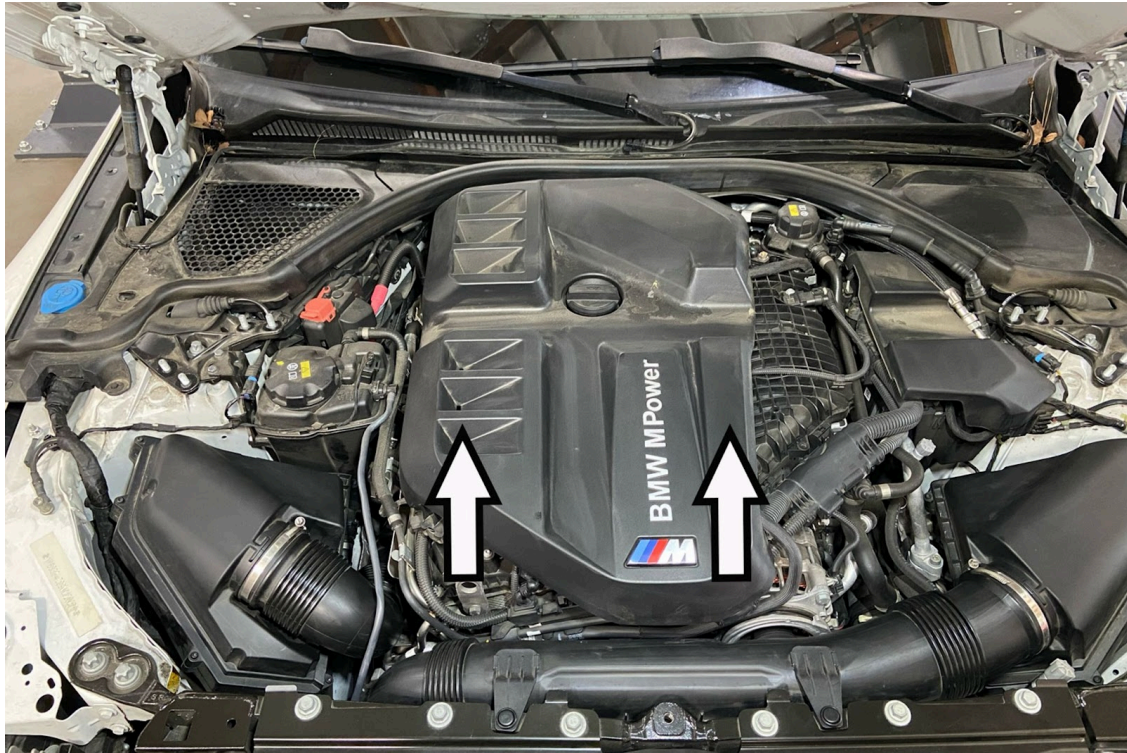
GETTING STARTED

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.

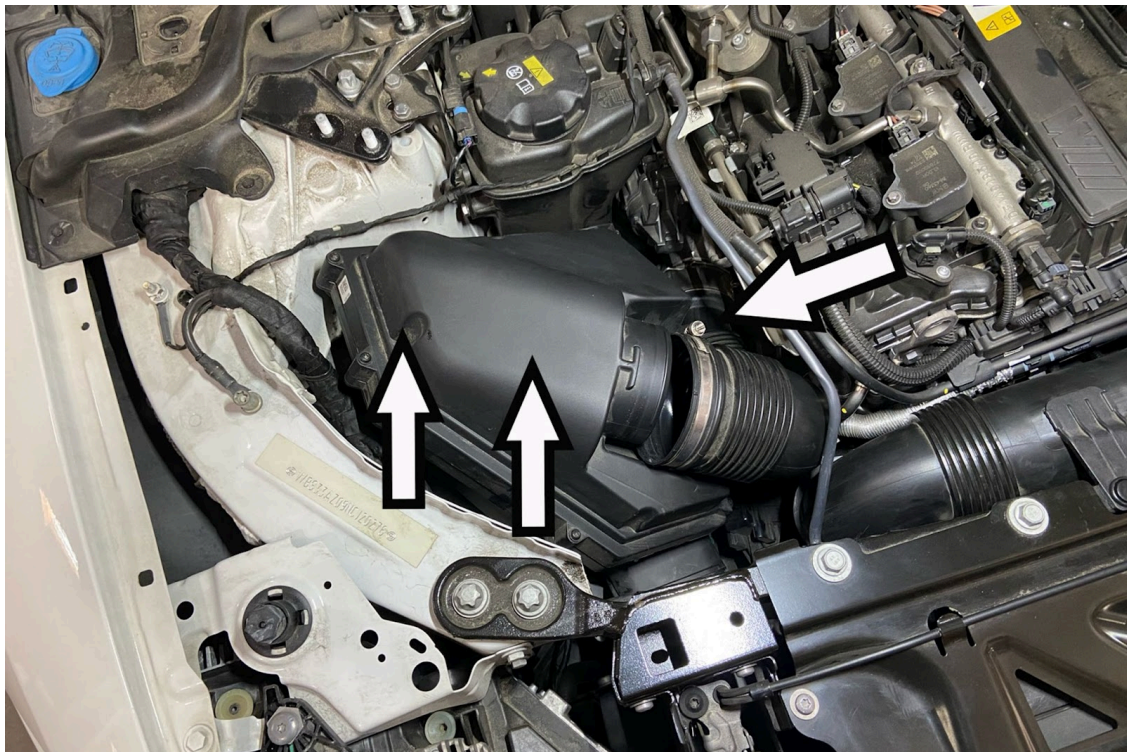
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



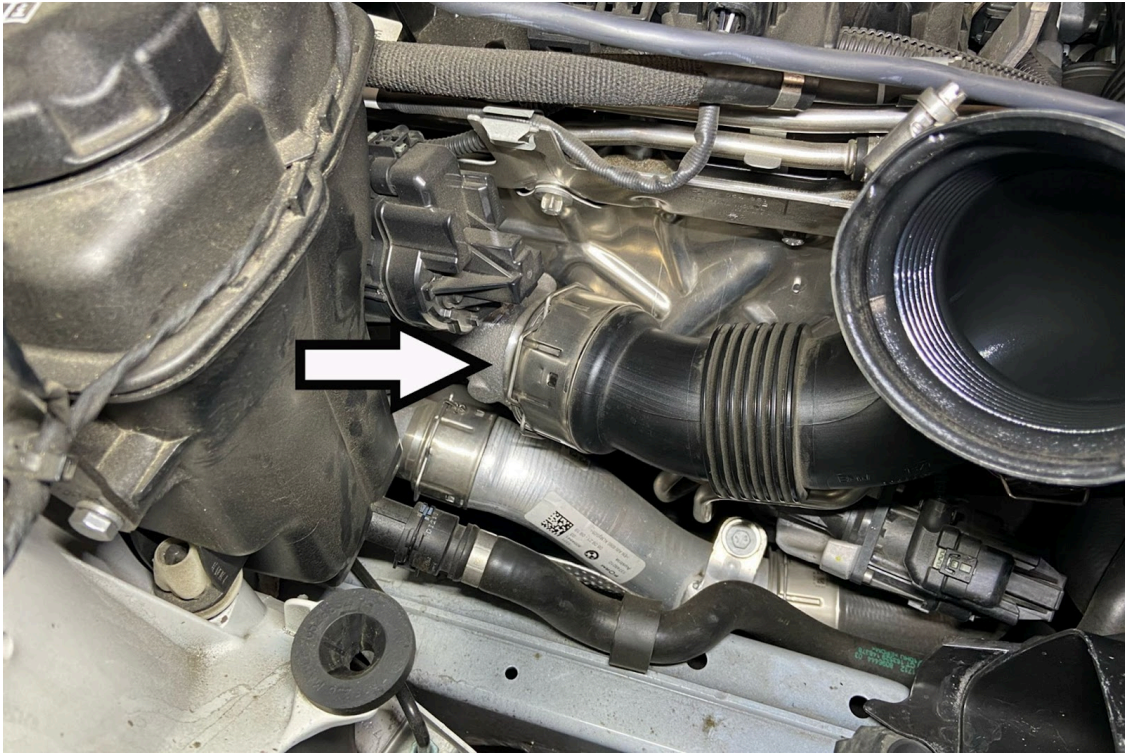
2. Remove the nine bolts indicated in the image above and remove the factory strut bars.



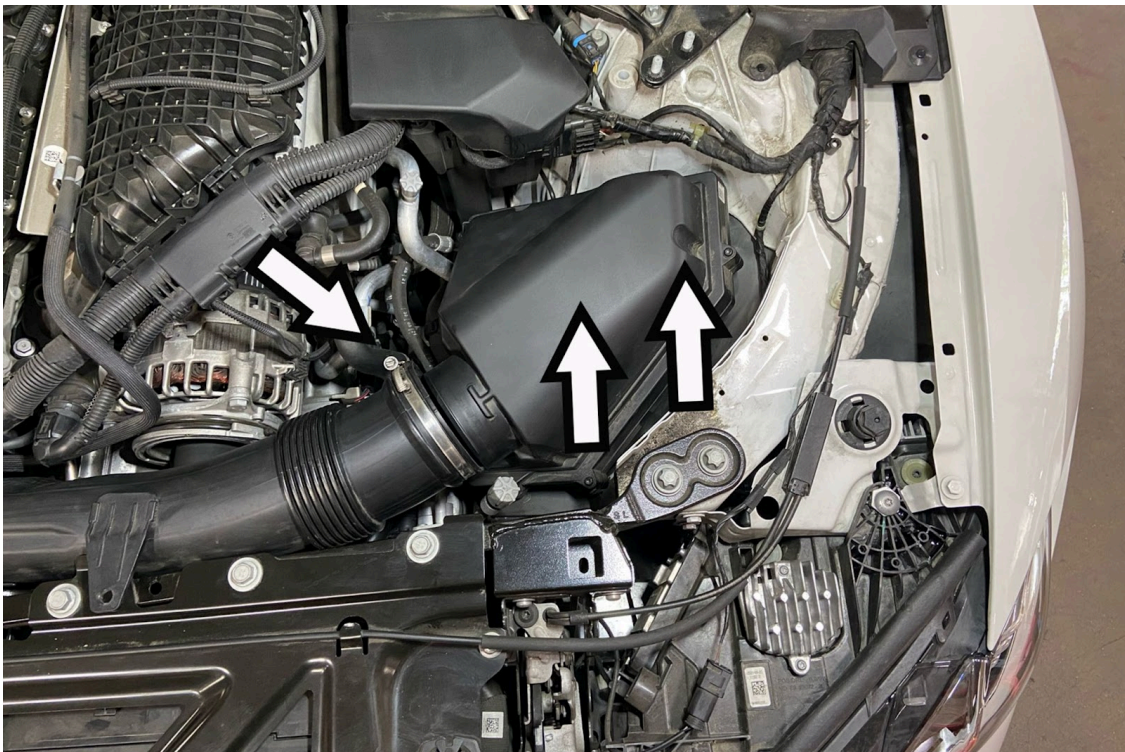
3. Lift to remove the engine cover from its grommets.



4. Loosen the hose clamp securing the intake hose to the passenger side air box. Disconnect the intake hose and remove the airbox from the vehicle.



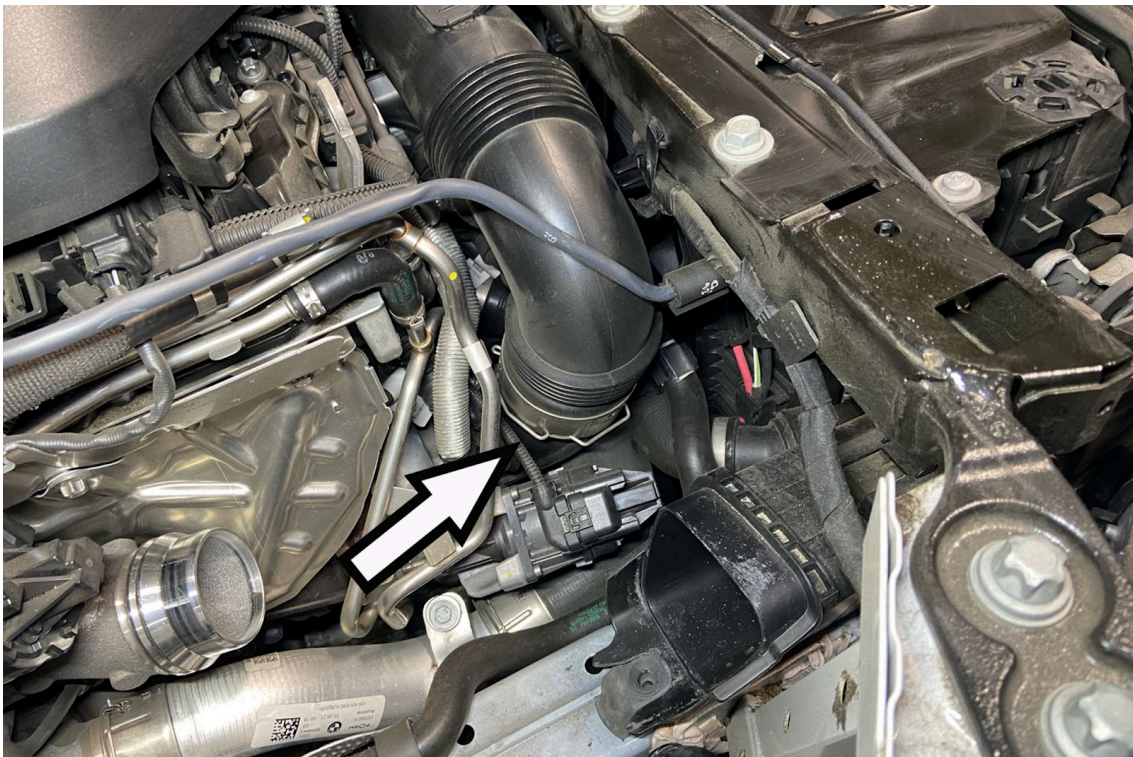
5. Pull the retaining clip to remove the intake hose.



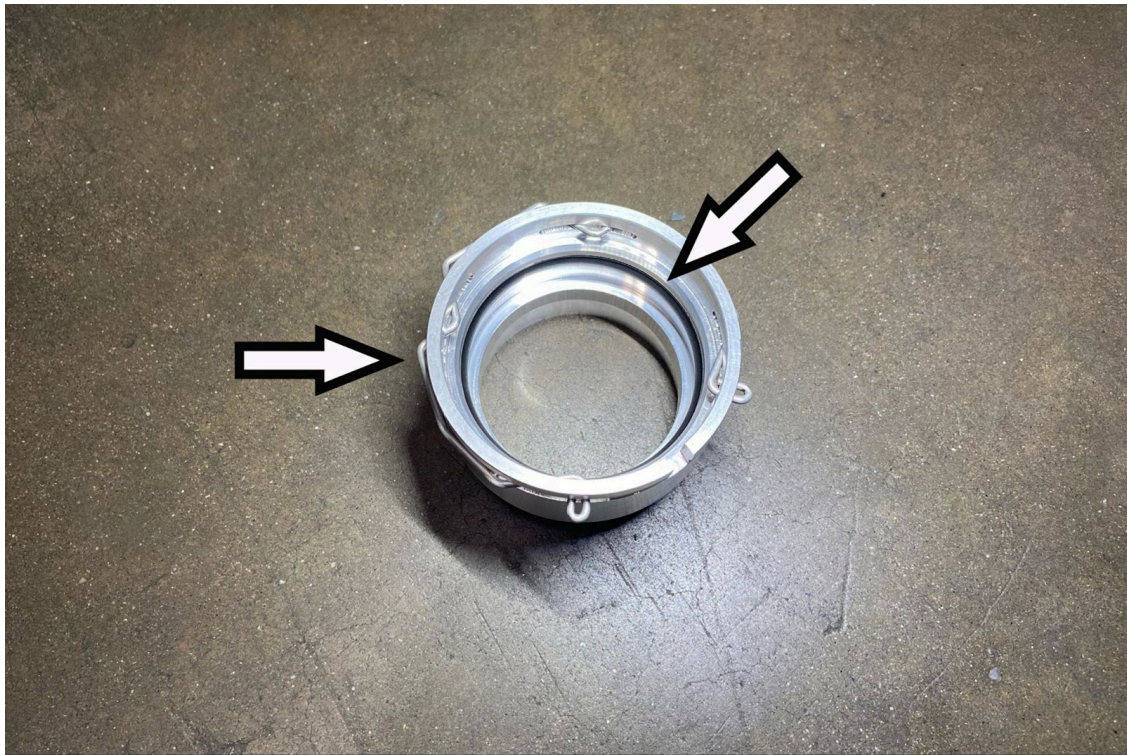
6. Loosen the hose clamp securing the intake hose to the driver side air box. Disconnect the intake hose and remove the airbox from the vehicle.



7. Disconnect the electrical connector located above the alternator.



8. Pull the retaining clip to remove the driver side intake hose.



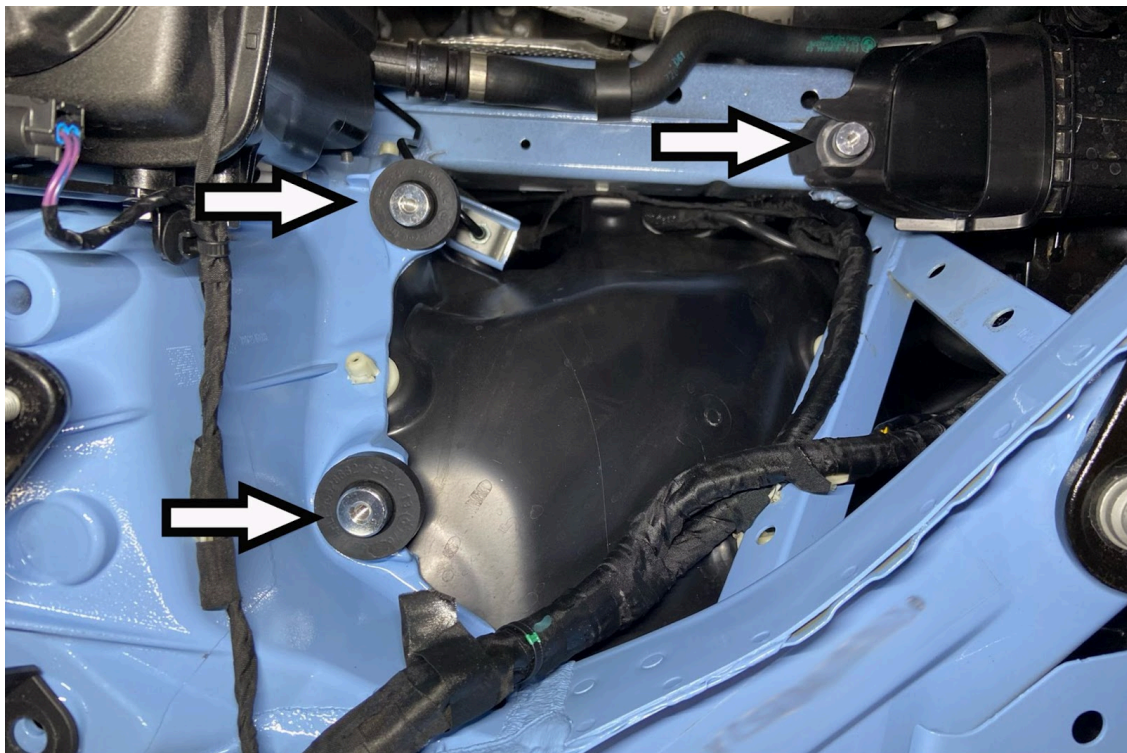
9. Remove the factory retaining clip and o-ring from the driver side intake quick connect. Secure the o-ring and the retaining clip onto the smaller diameter HPS quick connect.



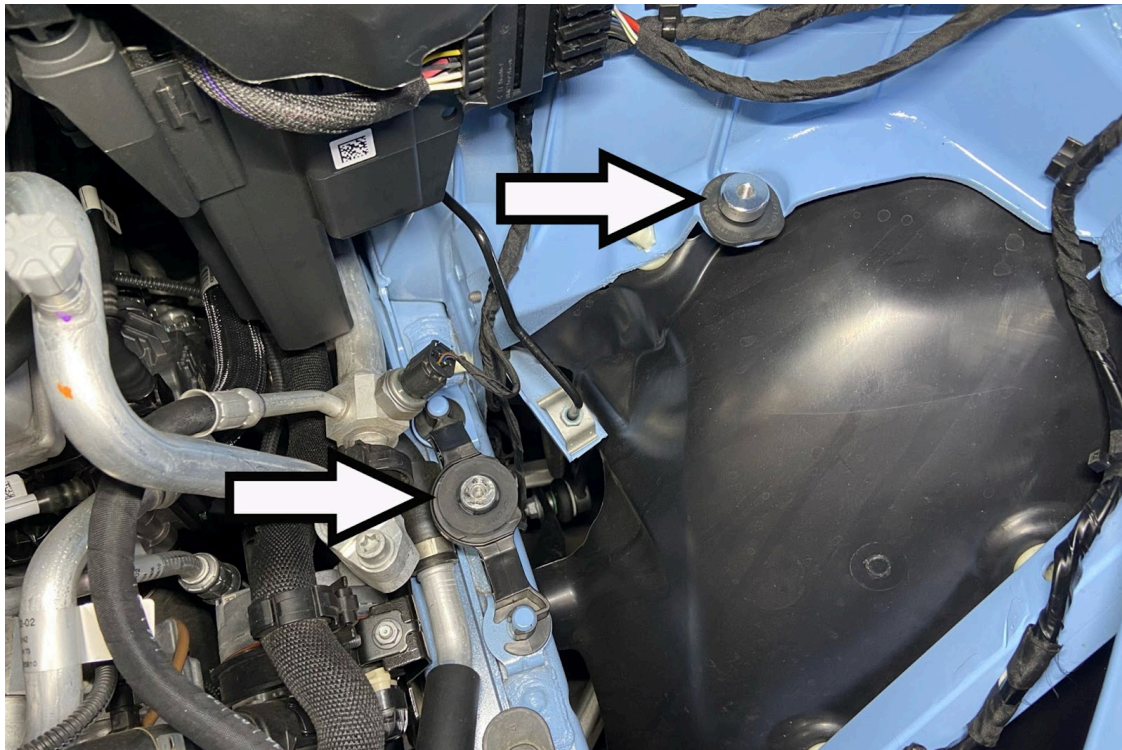
10. Secure the 3 inch silicone coupler onto the quick connect using the provided EMSC clamps.



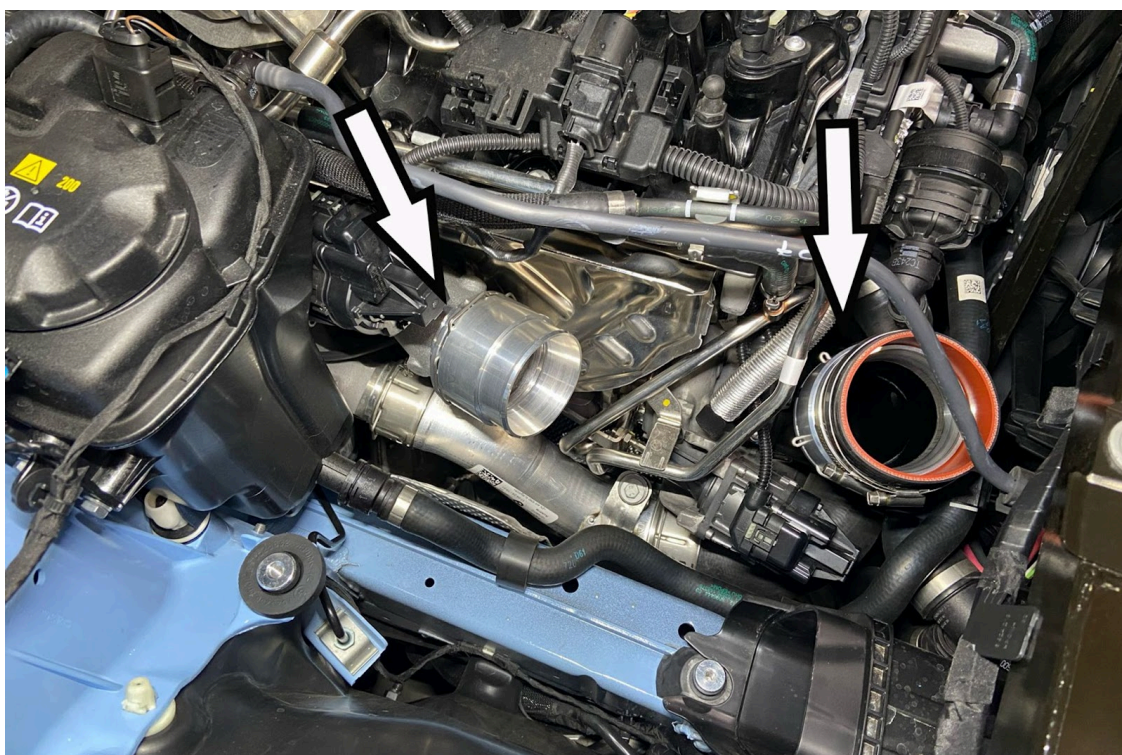
11. Remove the factory retaining clip and o-ring from the passenger side intake quick connect. Secure the o-ring and the retaining clip onto the larger diameter HPS quick connect.



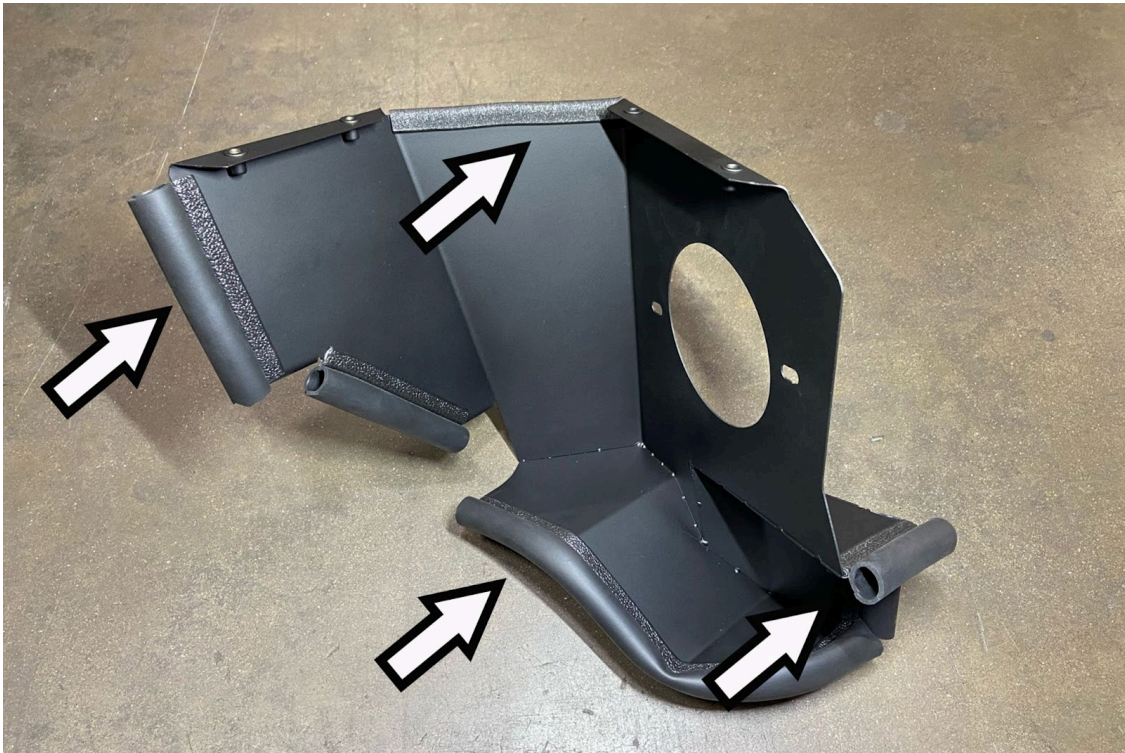
12. Install three of the provided M6 bungs into the factory mounting grommets on the passenger side.



13. Install the remaining two provided M6 bungs into the factory mounting grommets on the driver side.

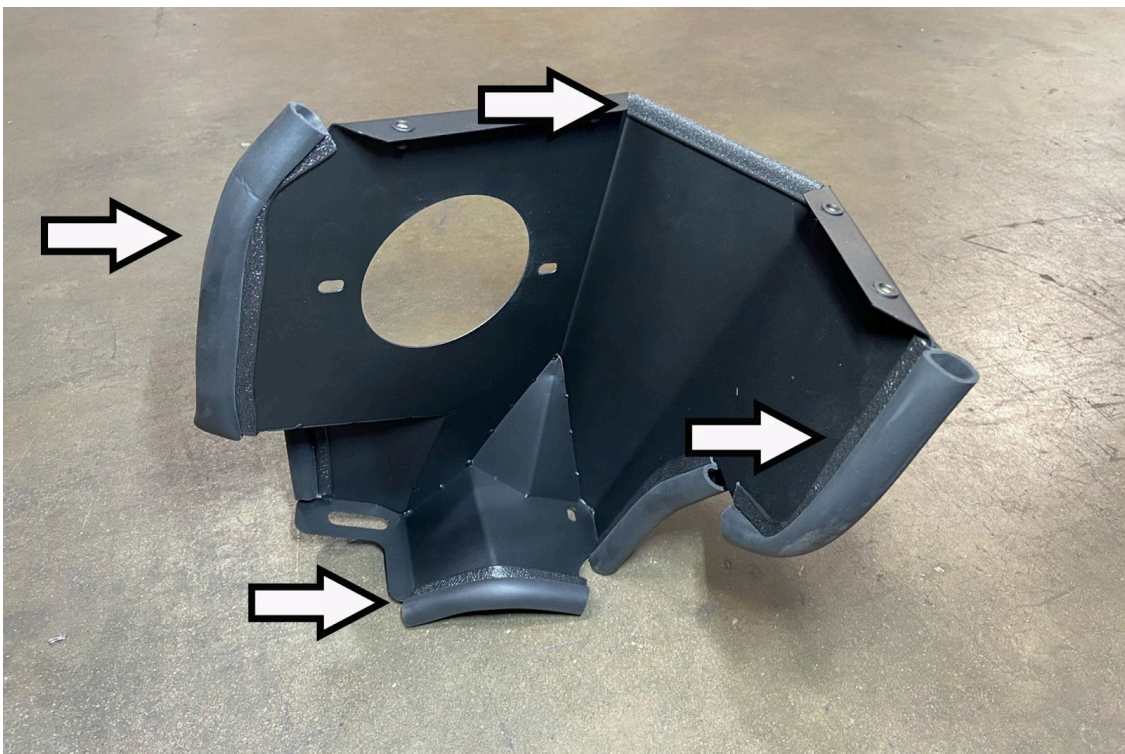


14. Secure the HPS quick connects to the turbo inlets as shown above.



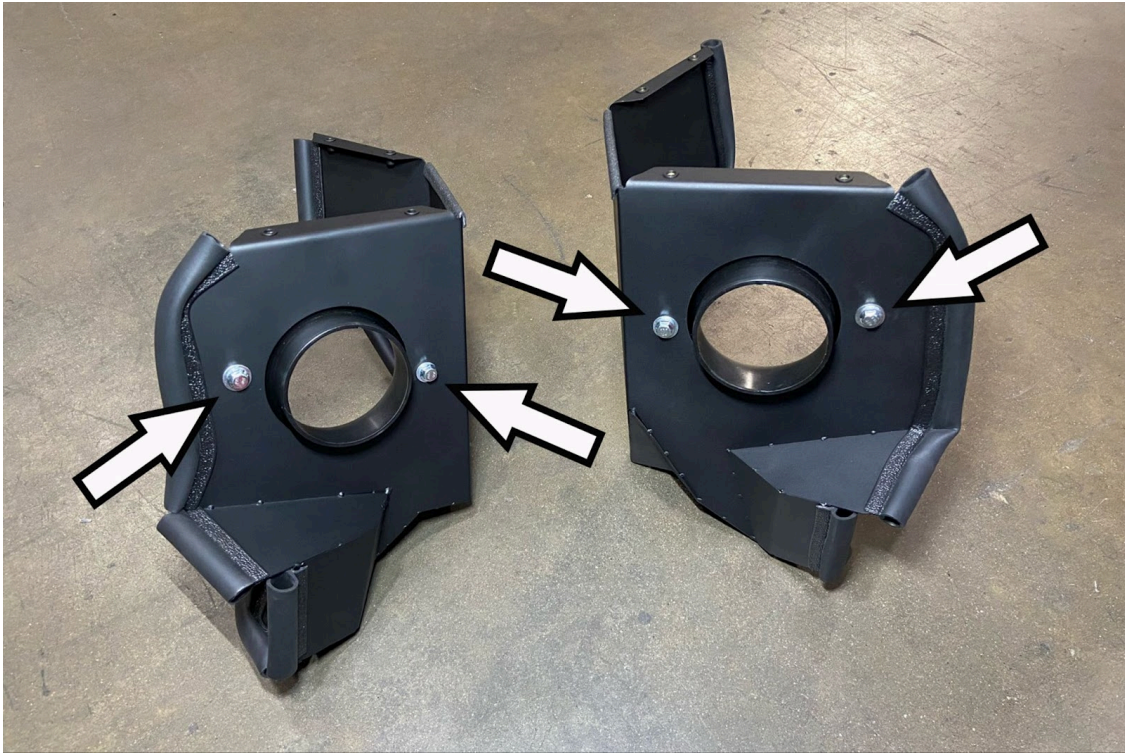
15. Install the provided bubble edge trim and thin edge trim onto the passenger side HPS heat shield.

NOTE: Cutting the edge trim to length is required.

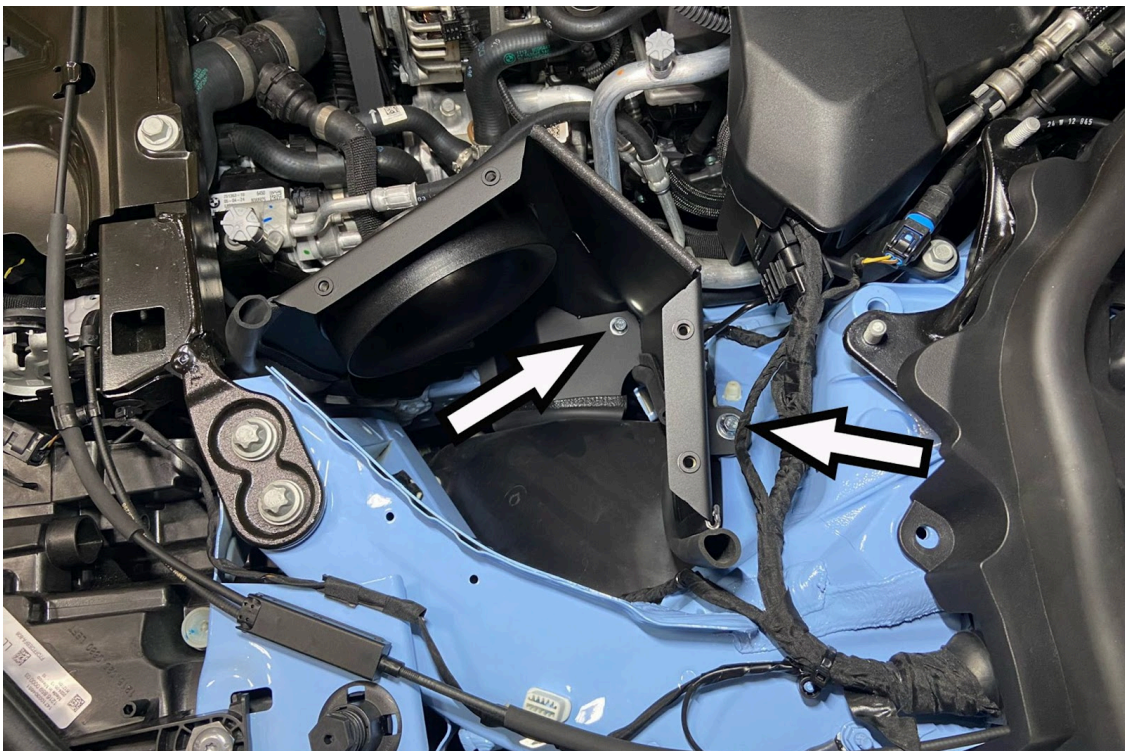


16. Install the provided bubble edge trim and thin edge trim onto the driver side HPS heat shield.

NOTE: Cutting the edge trim to length is required.



17. Install the two velocity stacks onto the HPS heat shields using four of each provided M6 bolts and washers.



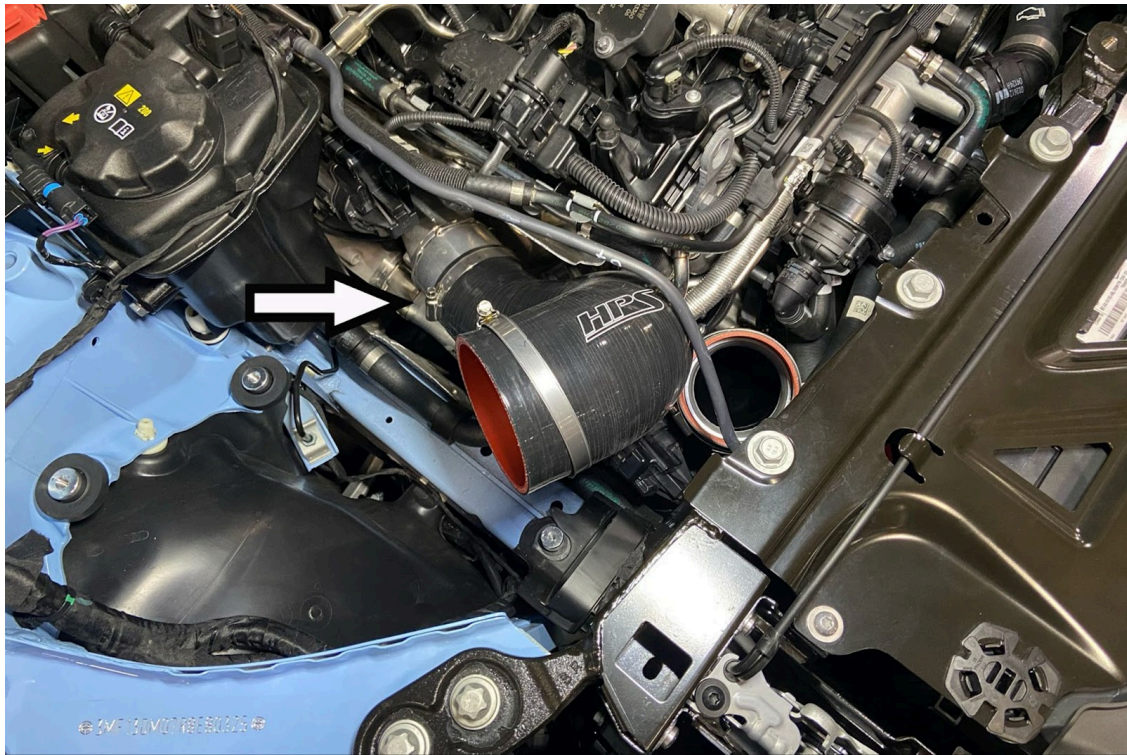
18. Secure the driver heat shield onto the mounting bungs using the provided M6 bolts and washers.



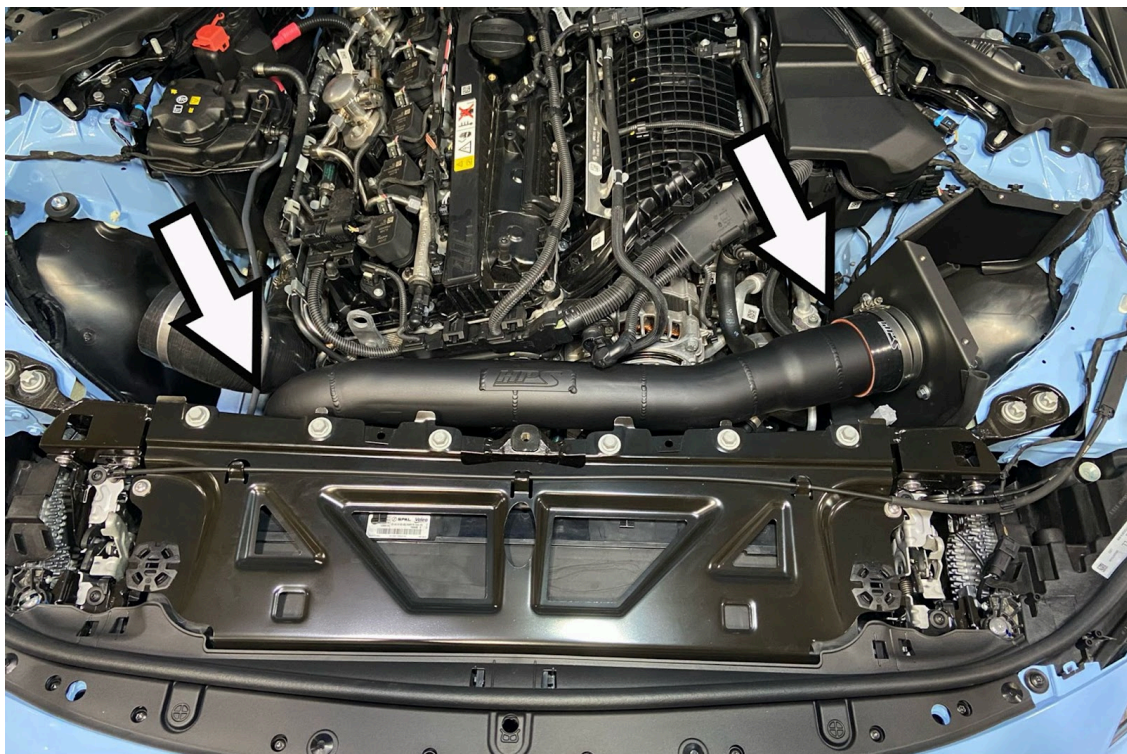
19. Secure the 3.5 inch silicone coupler onto the driver side velocity stack using the provided EMSC clamps.



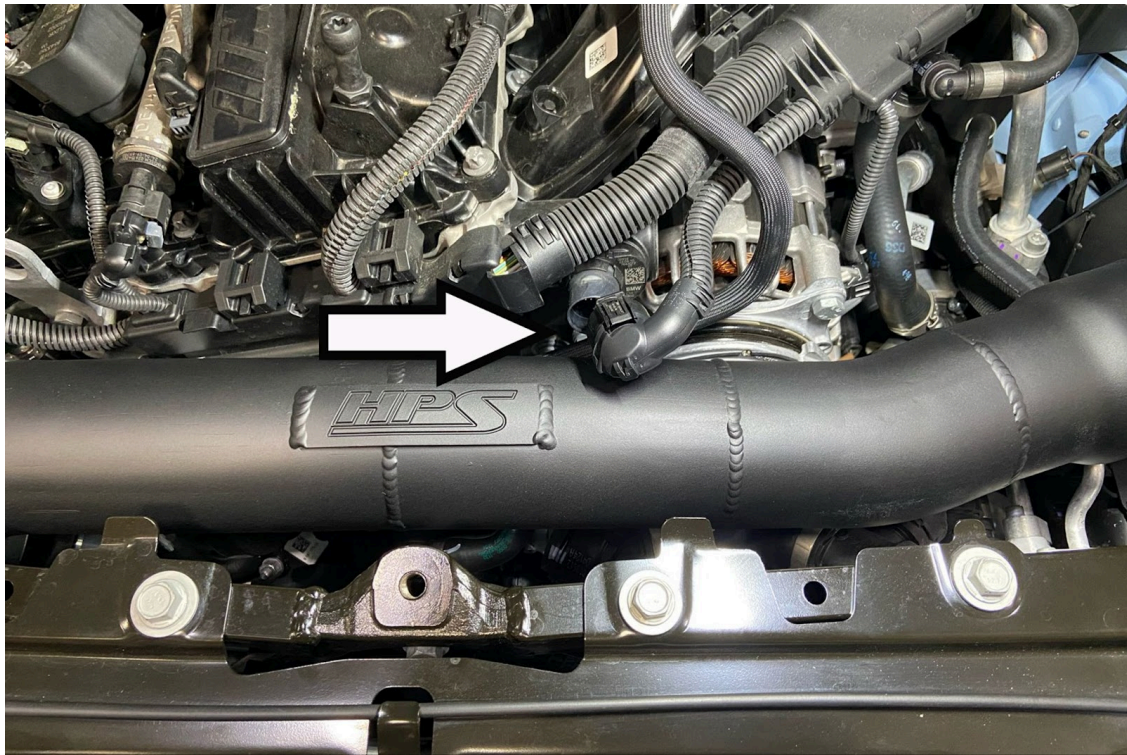
20. Loosely set the provided EMSC clamps onto the HPS silicone intake hose.



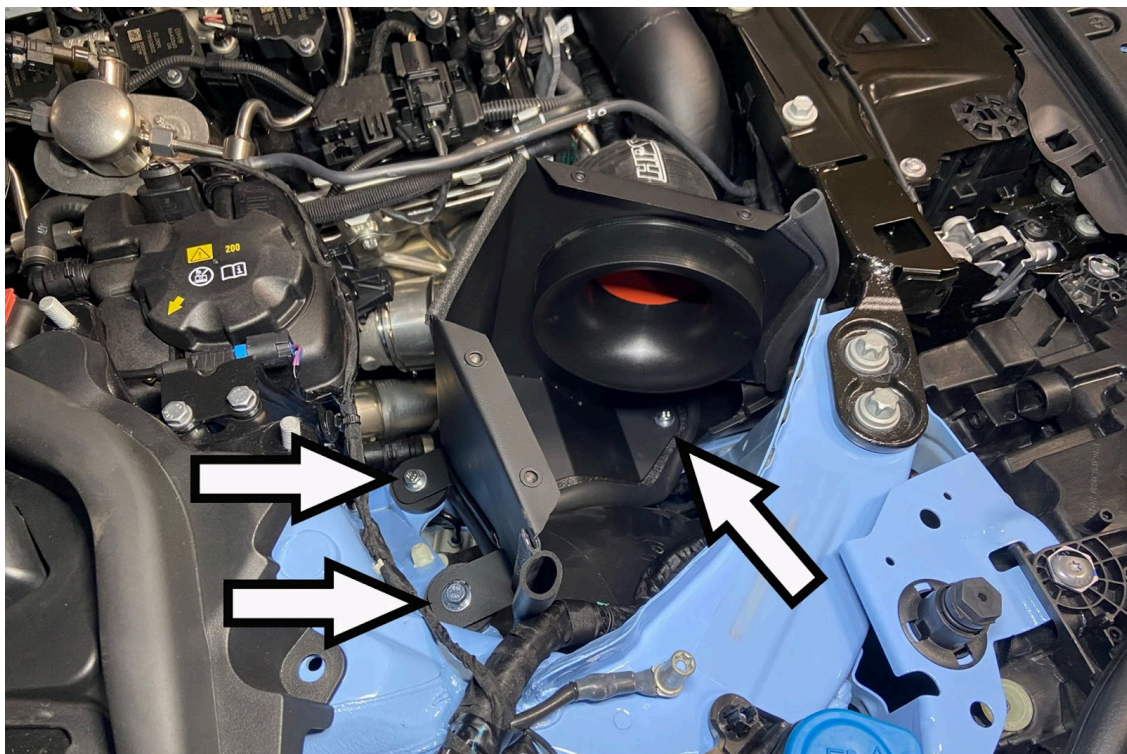
21. Secure the HPS silicone intake hose onto the quick connect shown in the image above.



22. Carefully insert the HPS intake pipe into the couplers and secure the clamps.



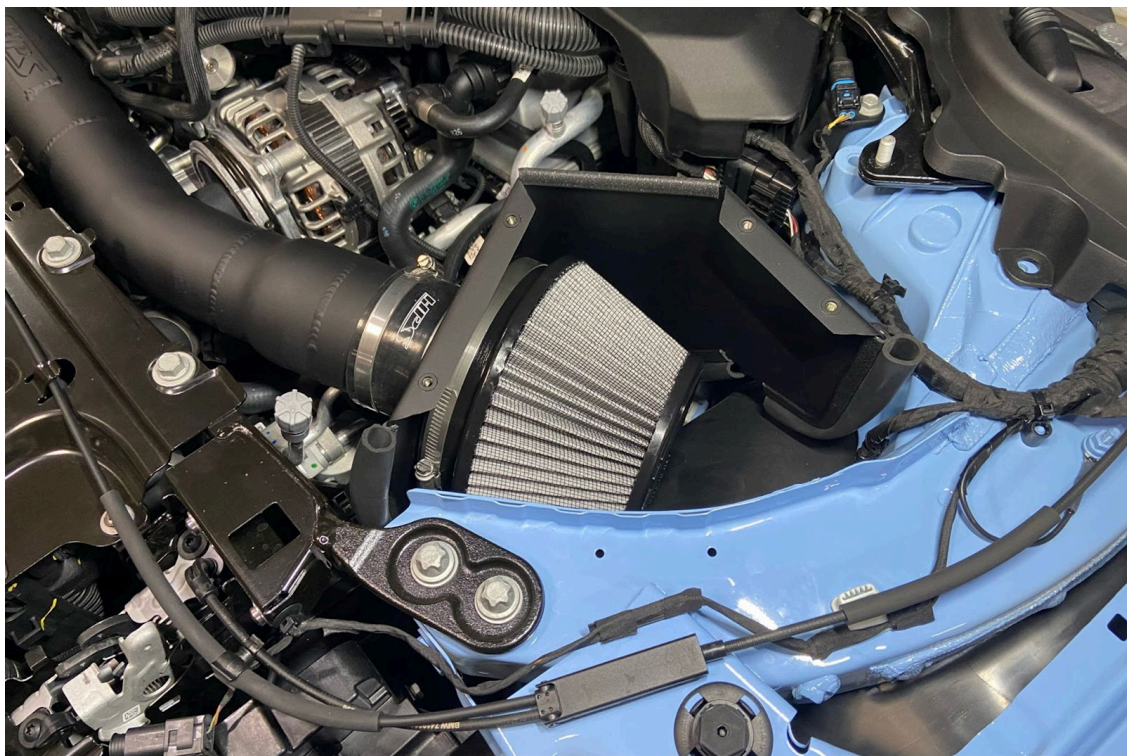
23. Reconnect the electrical connector.



24. Secure the passenger side HPS heat shield onto the mounting bungs using the M6 bolts and washers.



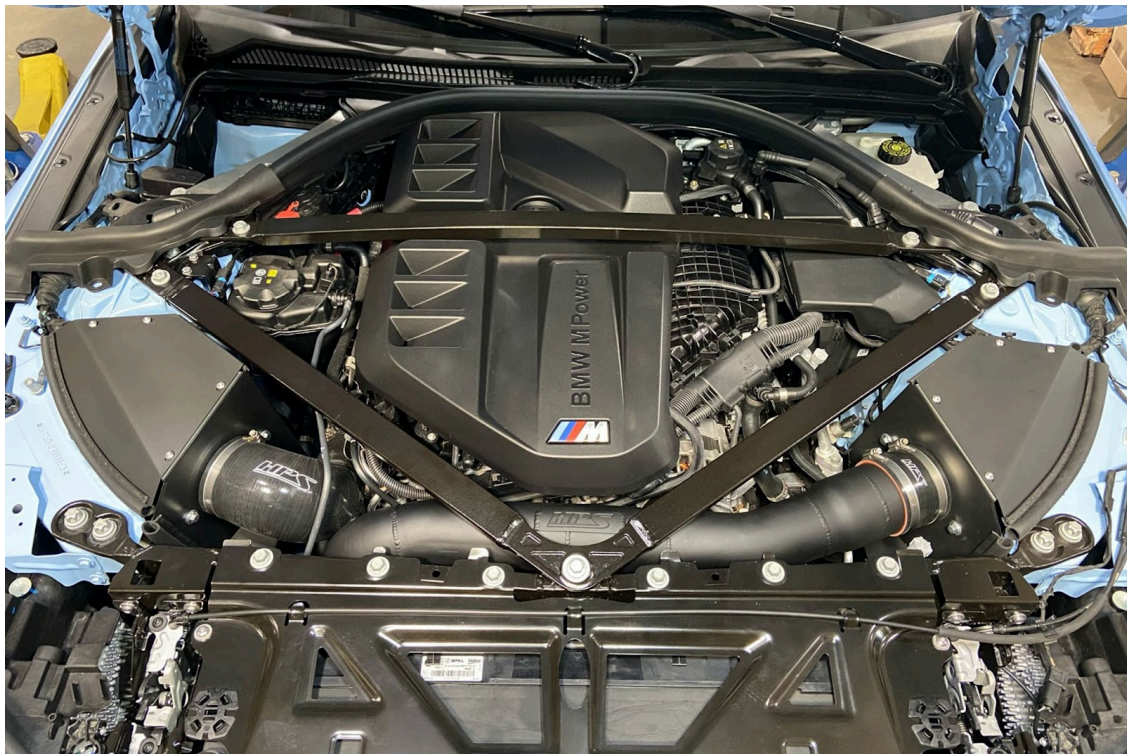
25. Secure the HPS silicone intake hose onto the velocity stack.



26. Secure the provided HPS performance air filters onto each of the velocity stacks.



27. Install the bubble edge trim along the edges of the heat shield lids as shown above.



28. Secure the heat shield lids onto the heat shields. Reinstall the engine cover and the strut bars back into the vehicle.

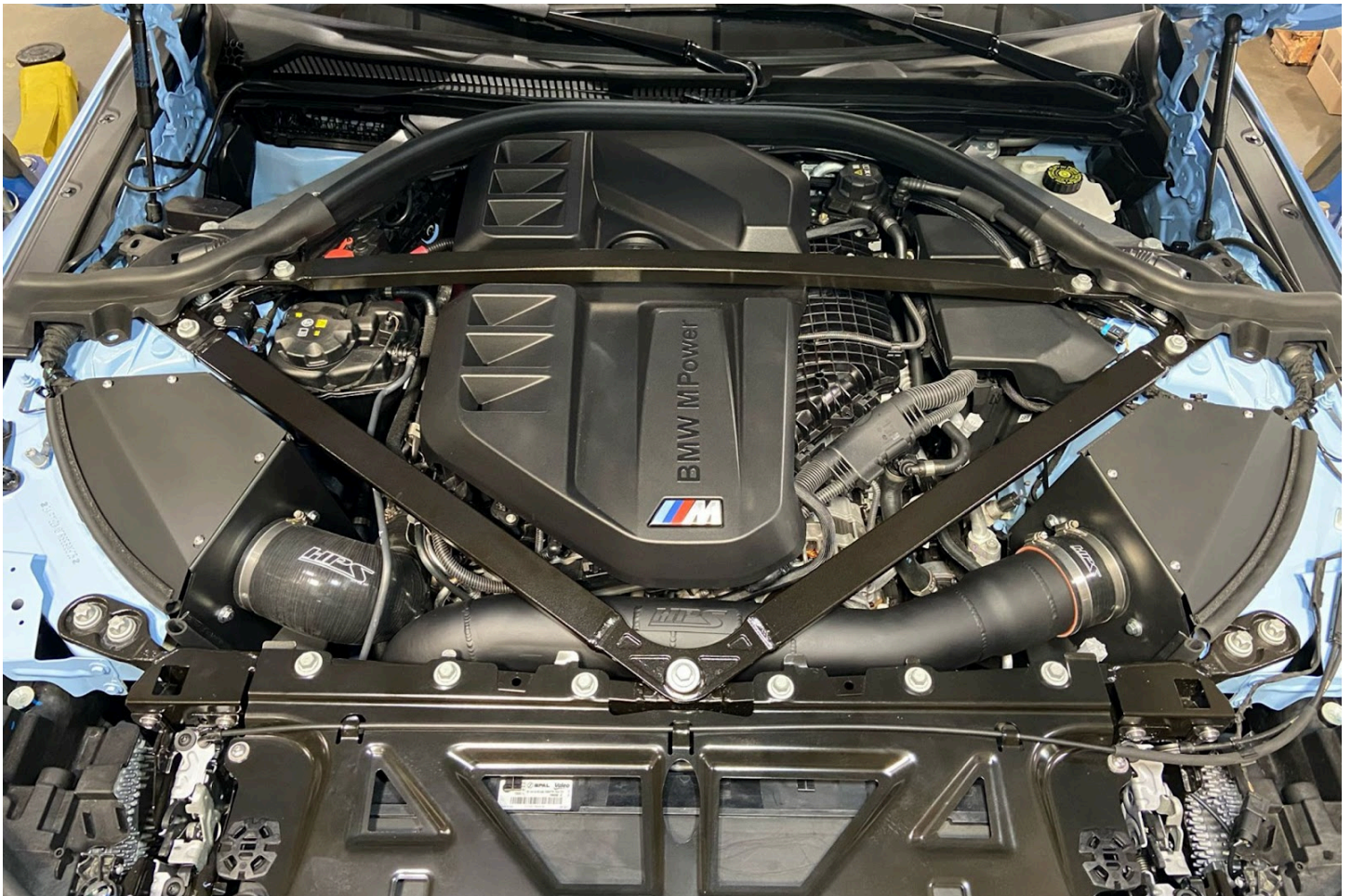
FINAL STEPS

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 kit 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.



Also available for
BMW 2023-2025 M2 3.0L Turbo
BMW 2021-2025 M3 3.0L Turbo
BMW 2021-2025 M4 3.0L Turbo



HPS Performance Replacement Air Filter
For Intake Kit 827-772
Part Number [HPS-4302](#)



HPS Performance Air Filter Cleaning Kit
[Part Number HPS-AFRC](#)

**Contact an authorized HPS Performance dealer or
visit us at hpsperformance.com for more details**