



Performance Charge Pipe Kit

Part Number: 17-148

Toyota 2022-2024 Tundra 3.4L Turbo
Toyota 2023-2024 Sequoia 3.4L 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: 17-148

Line #	Description	Part Number	Qty
1	Driver Side Charge Pipe	529-922	1
2	Passenger Side Charge Pipe	529-923	1
3	Reducer Coupler with Fluoroline, 1.87" - 2.5", 3" Long	CH-17148-1	1
4	45 Degree Reducer Coupler with Fluoroline, 1.75" - 2.5"	CH-17148-2	1
5	Straight Coupler with Fluoroline, 2.5"	CH-GTI-01	2
6	Embossed Hose Clamp, 60mm - 80mm	EMSC-60-80	6
7	Embossed Hose Clamp, 20mm - 32mm	EMSC-20-32	2
8	Embossed Hose Clamp, 40mm - 60mm	EMSC-40-60	2
9	Bolt, M6 x 1.0, 12mm Long	HW-B6-12	8

- **Before installing any parts of this charge pipe kit, please read the instructions thoroughly.**
- **Verify the contents of this charge pipe 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 charge pipe 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!

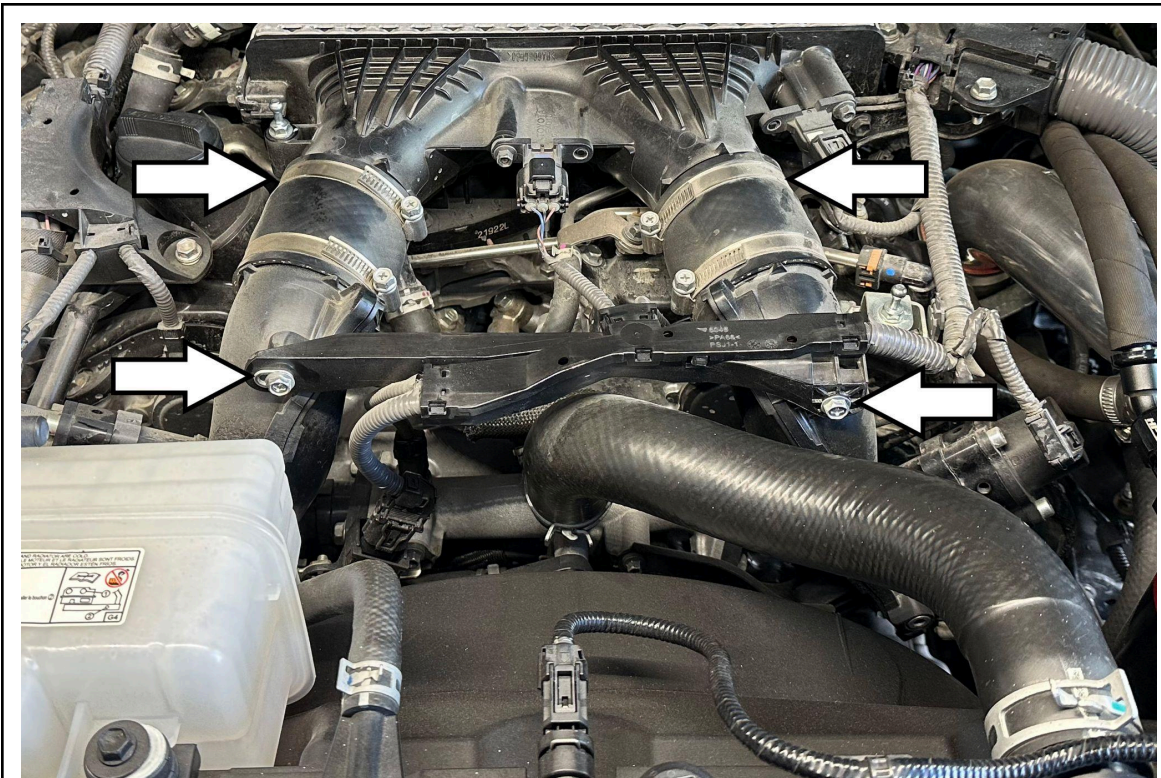
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

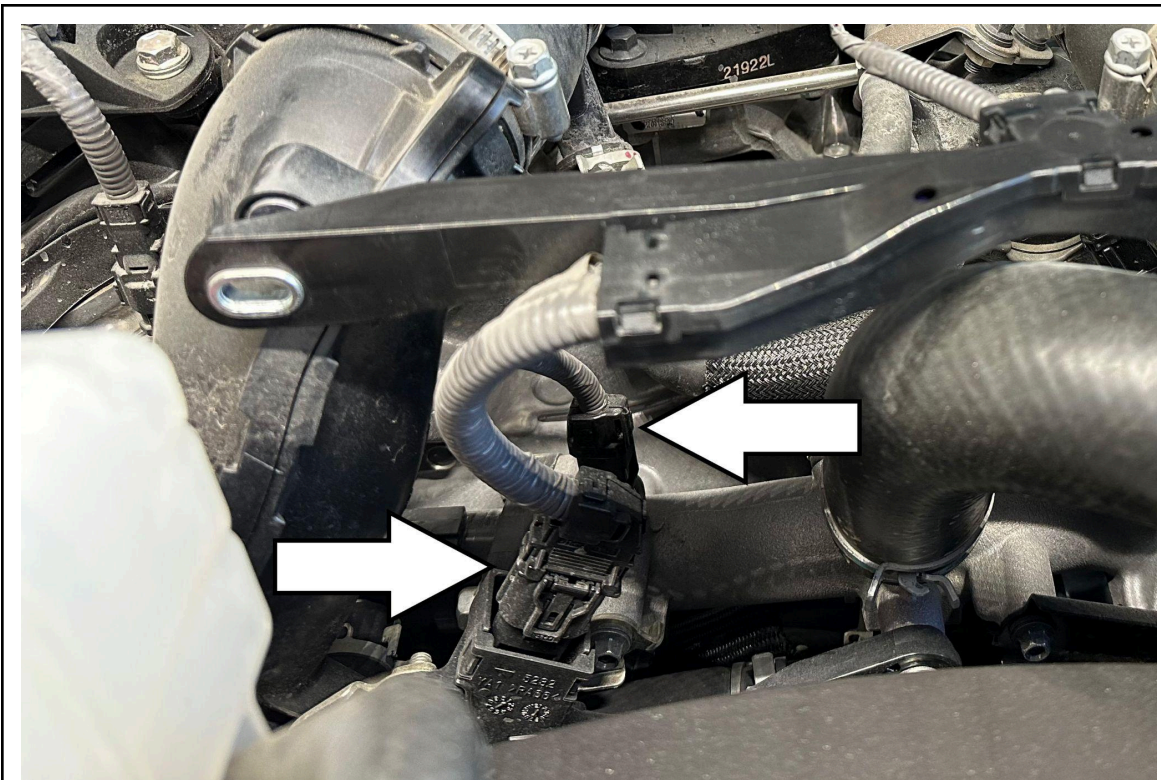
GETTING STARTED

1. Turn the ignition OFF and disconnect both of the vehicle's battery's negative cables . If the engine has run within the past two hours let it cool down.

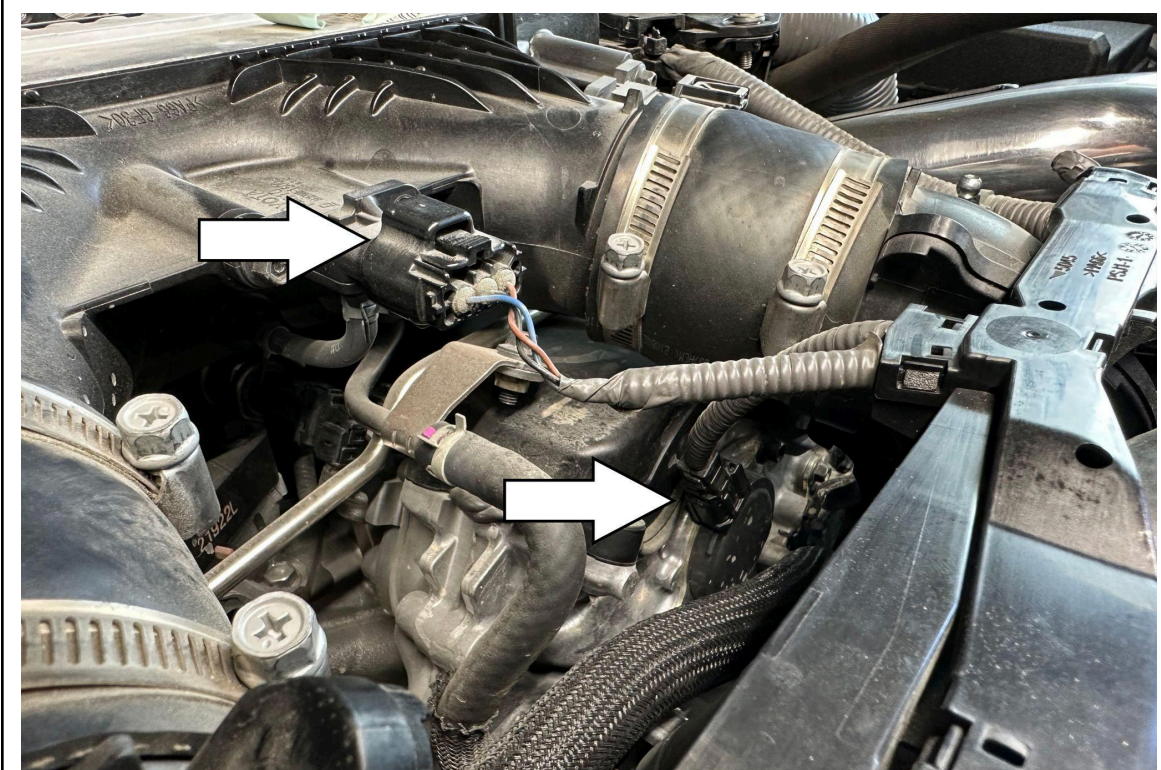
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied 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 engine cover. Loosen the two upper charge pipe hose clamps and unbolt the two harness mounting bolts.



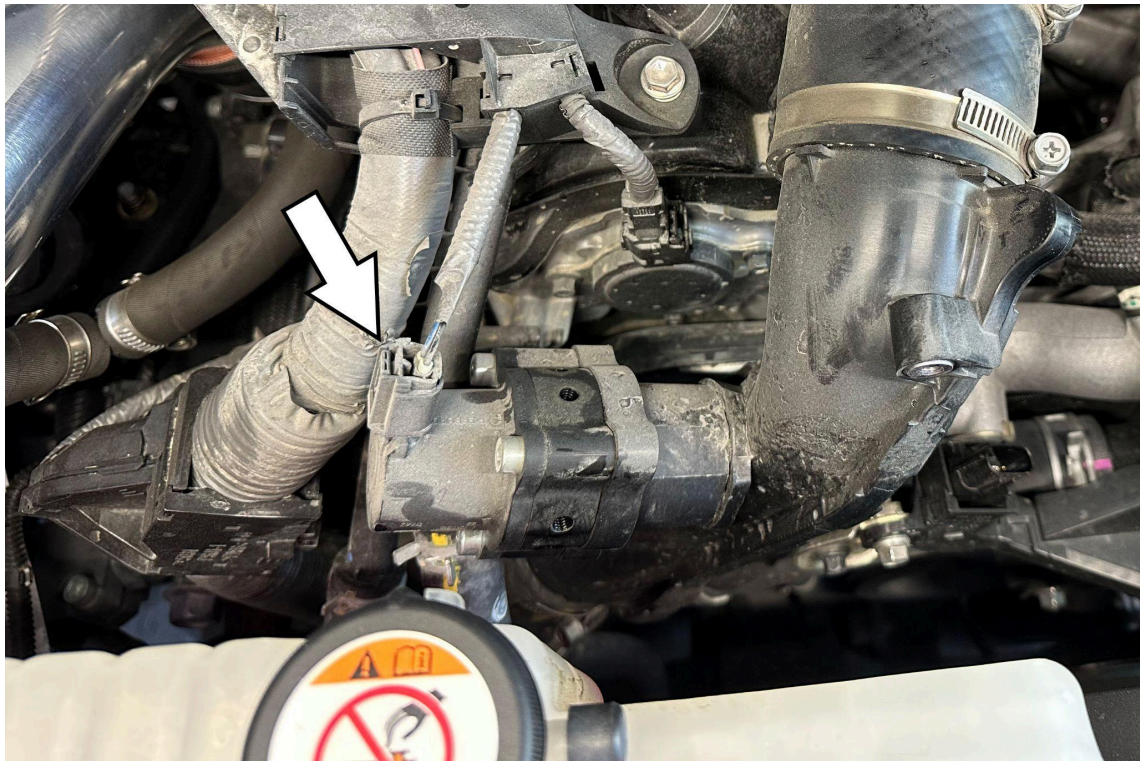
3. Disconnect the two harness plugs shown in the picture above.



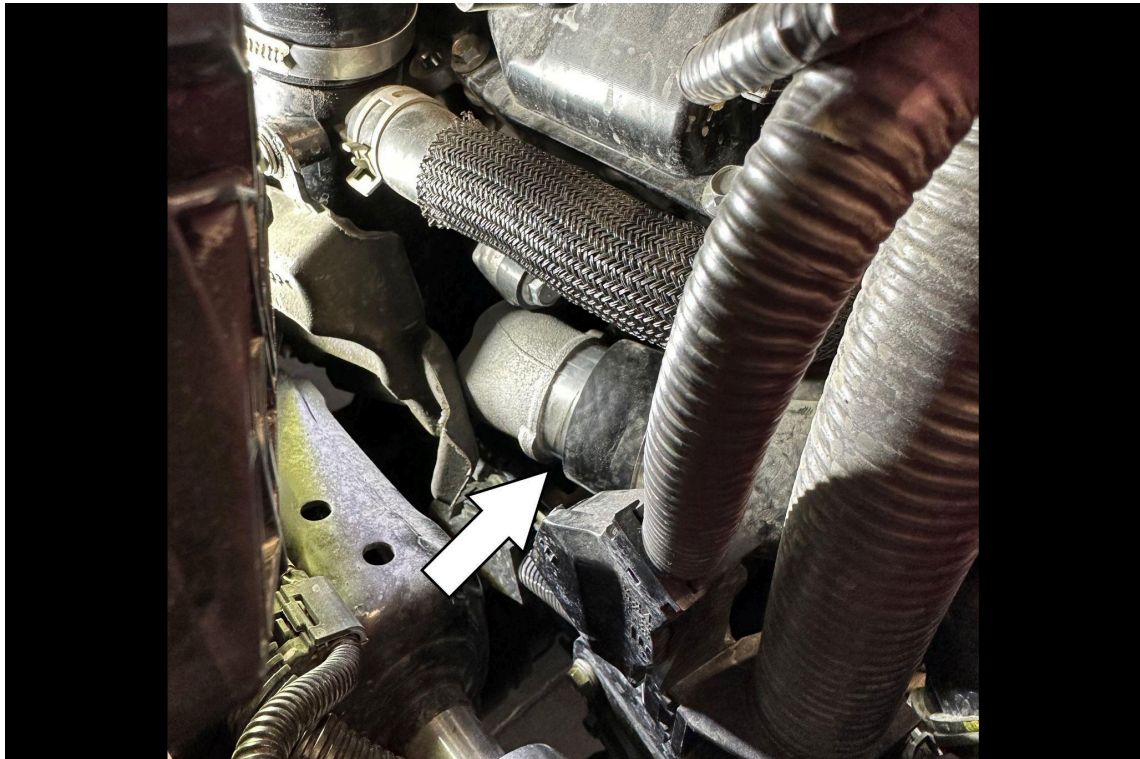
4. Disconnect the two additional harness plugs shown in the picture above and clear them towards the driver side.



5. Disconnect the harness connected to the blow off valve on the driver side.



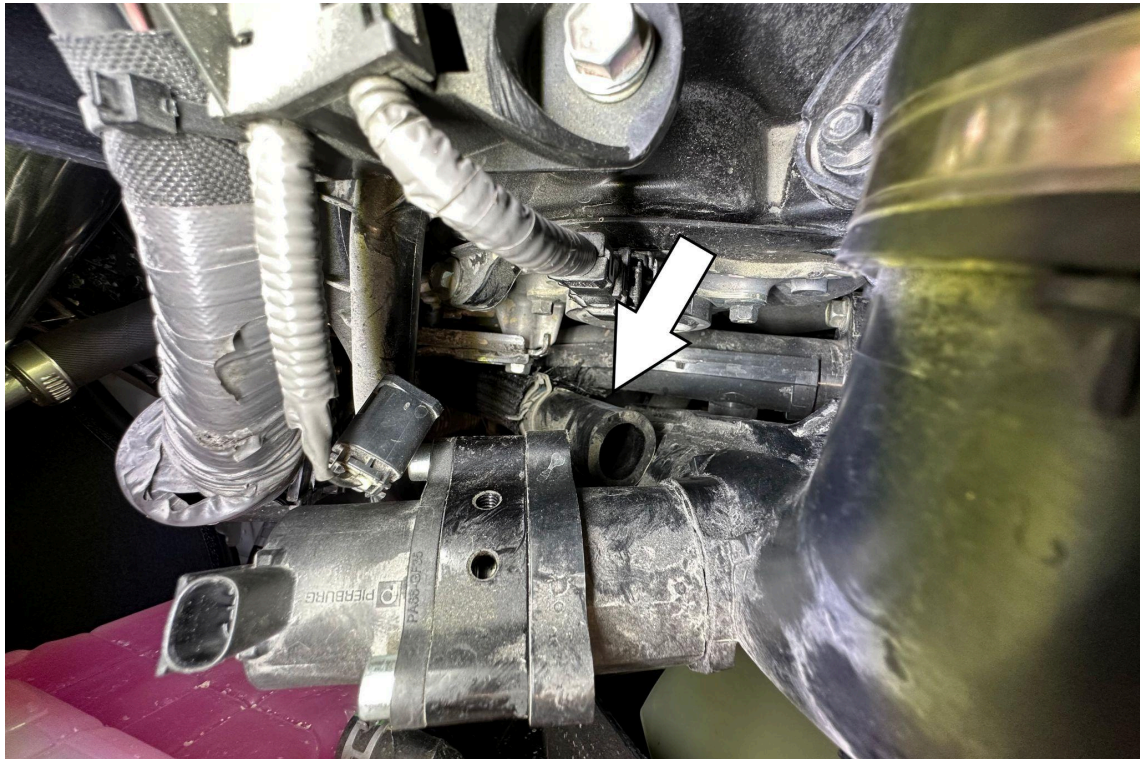
6. Disconnect the harness connected to the blow off valve on the passenger side.



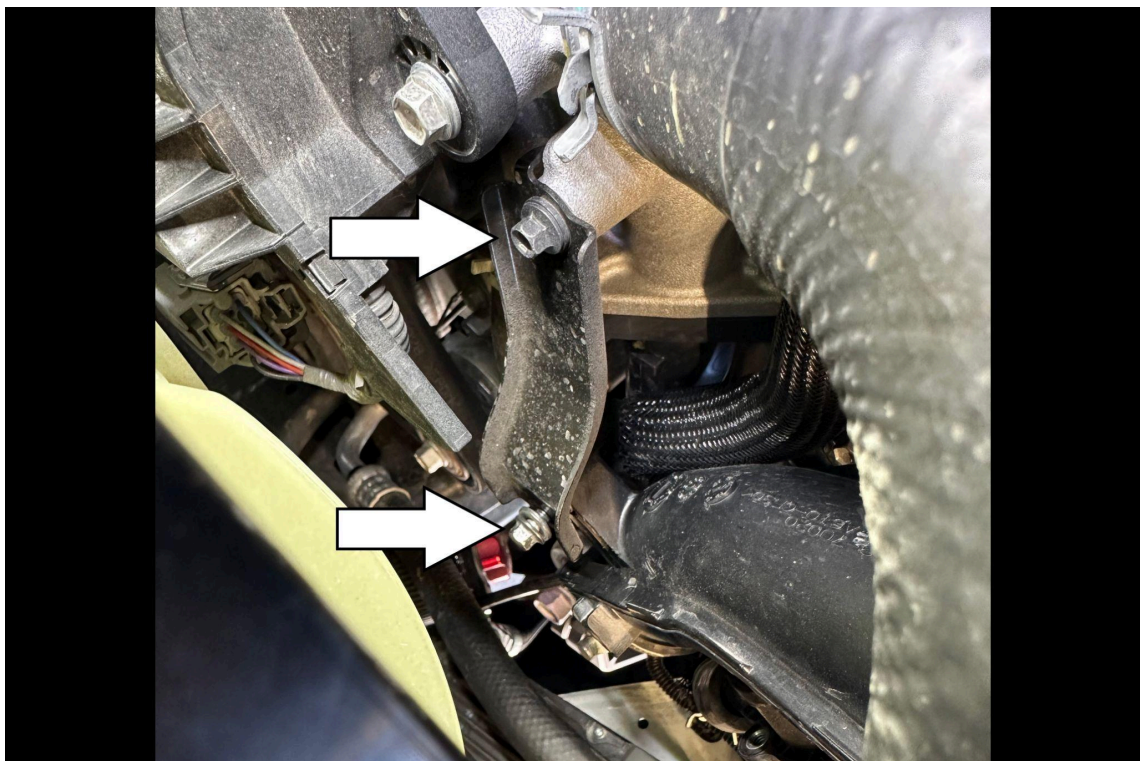
7. Remove the turbo outlet hose clamp on the passenger side.



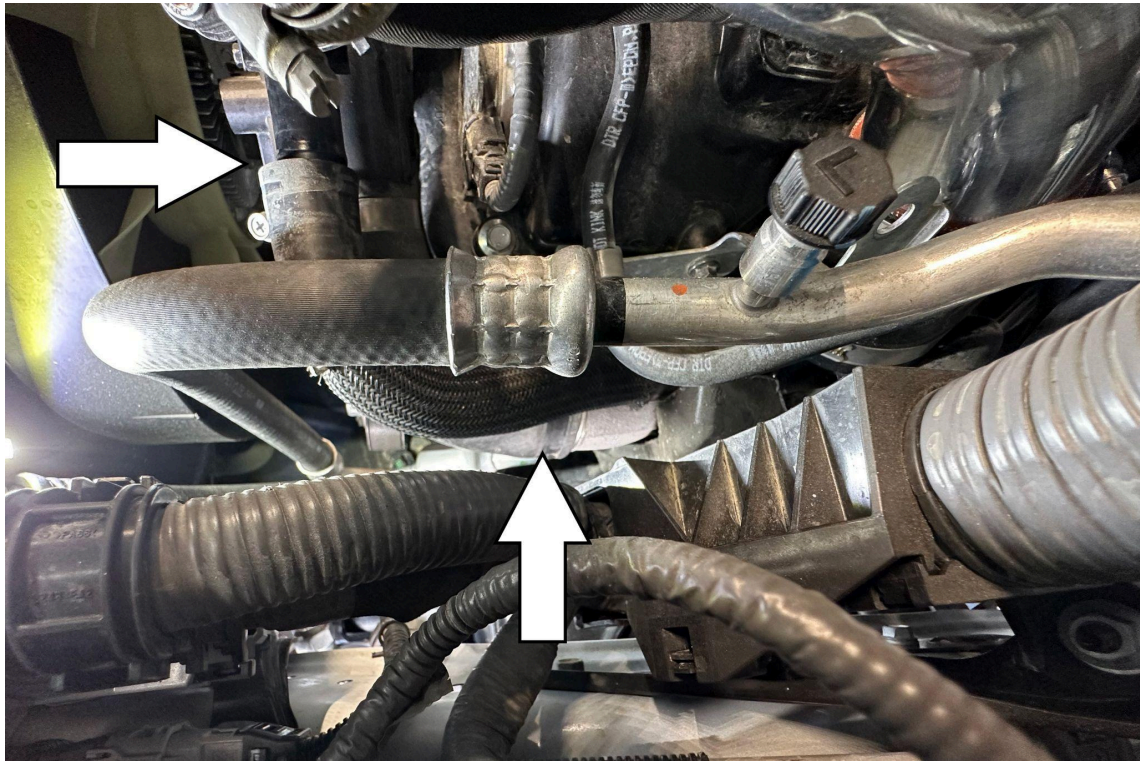
8. Remove the two mounting bolts and mounting bracket on the passenger side charge pipe.



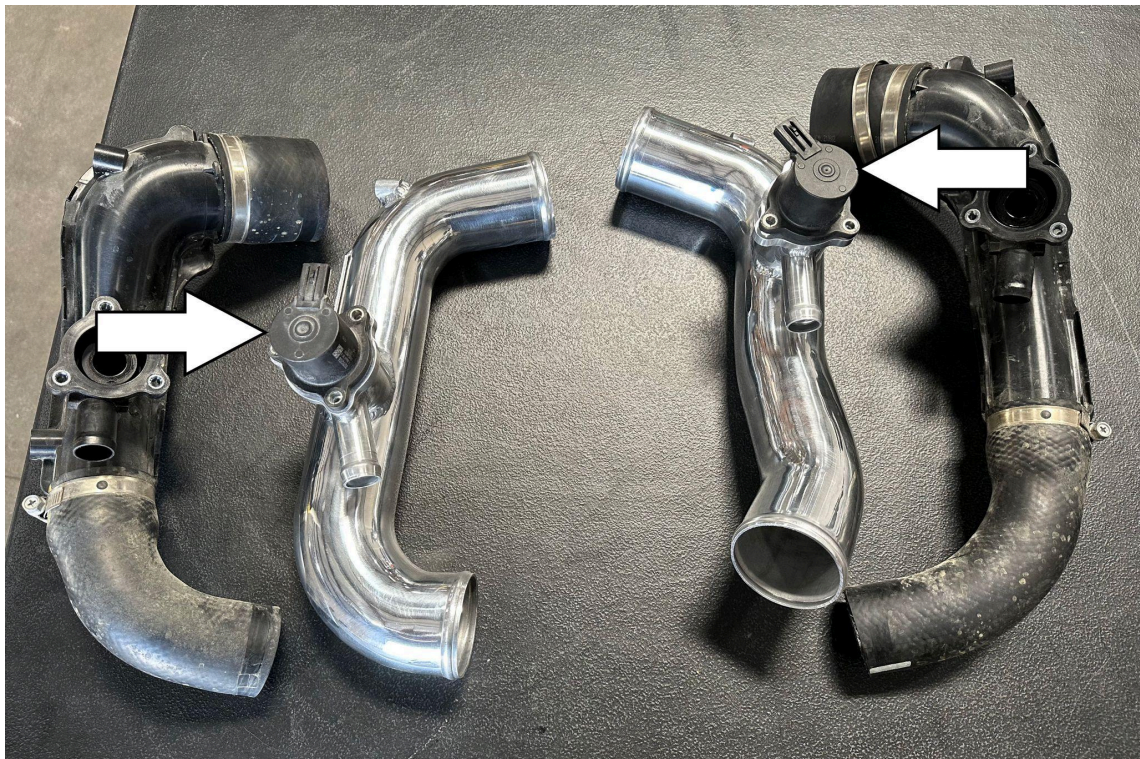
9. Disconnect the recirculation hose on the passenger side charge pipe and remove the charge pipe from the truck.



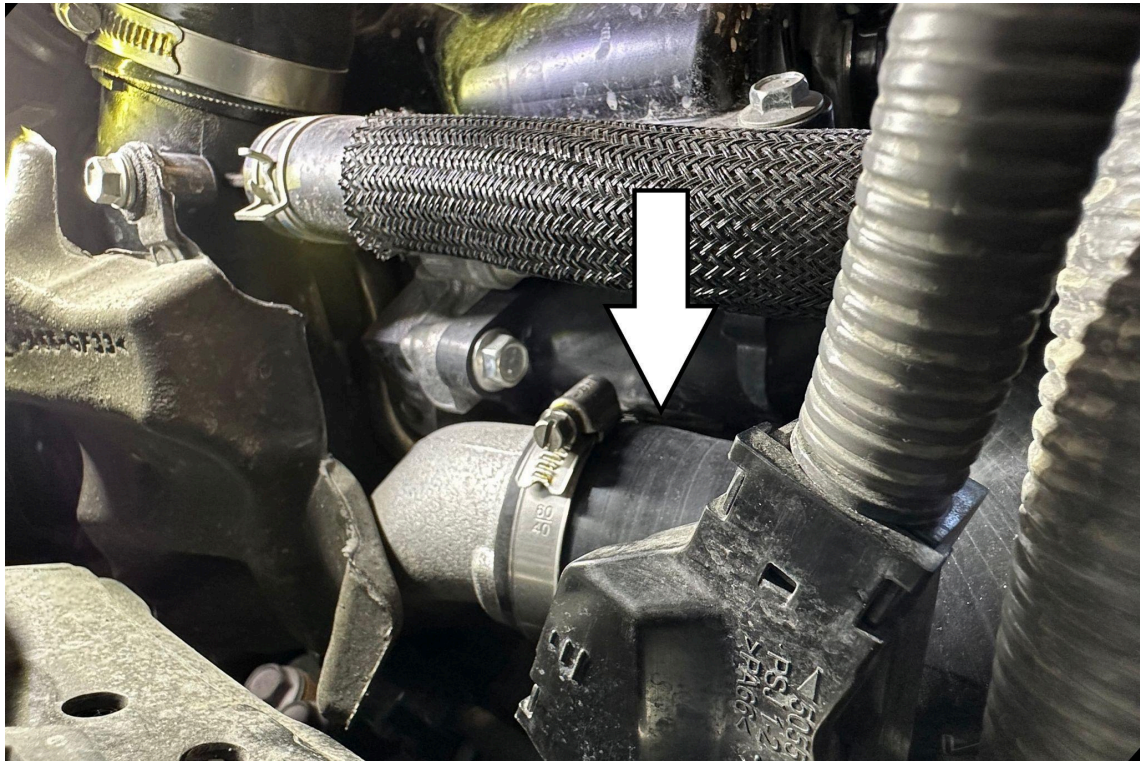
10. Remove the driver side charge pipe bracket by removing the two mounting bolts.



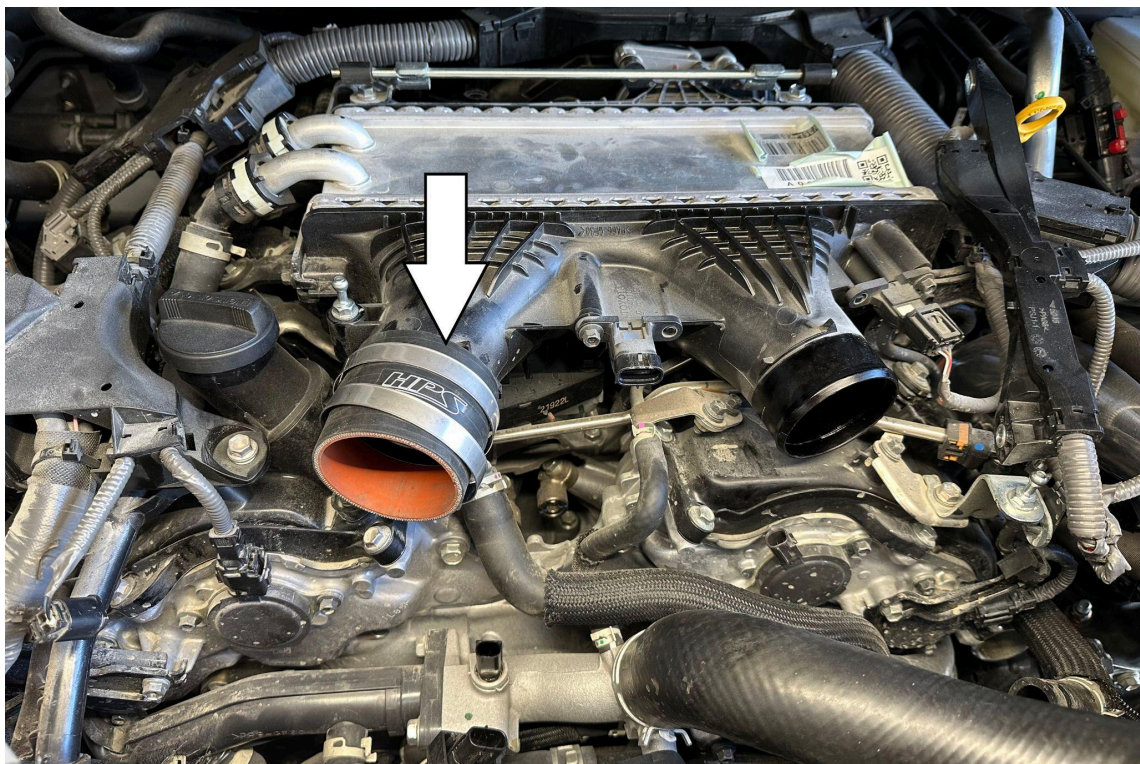
11. On the driver side, remove the turbo outlet hose and disconnect the recirculation hose. Then, remove the charge pipe from the truck.



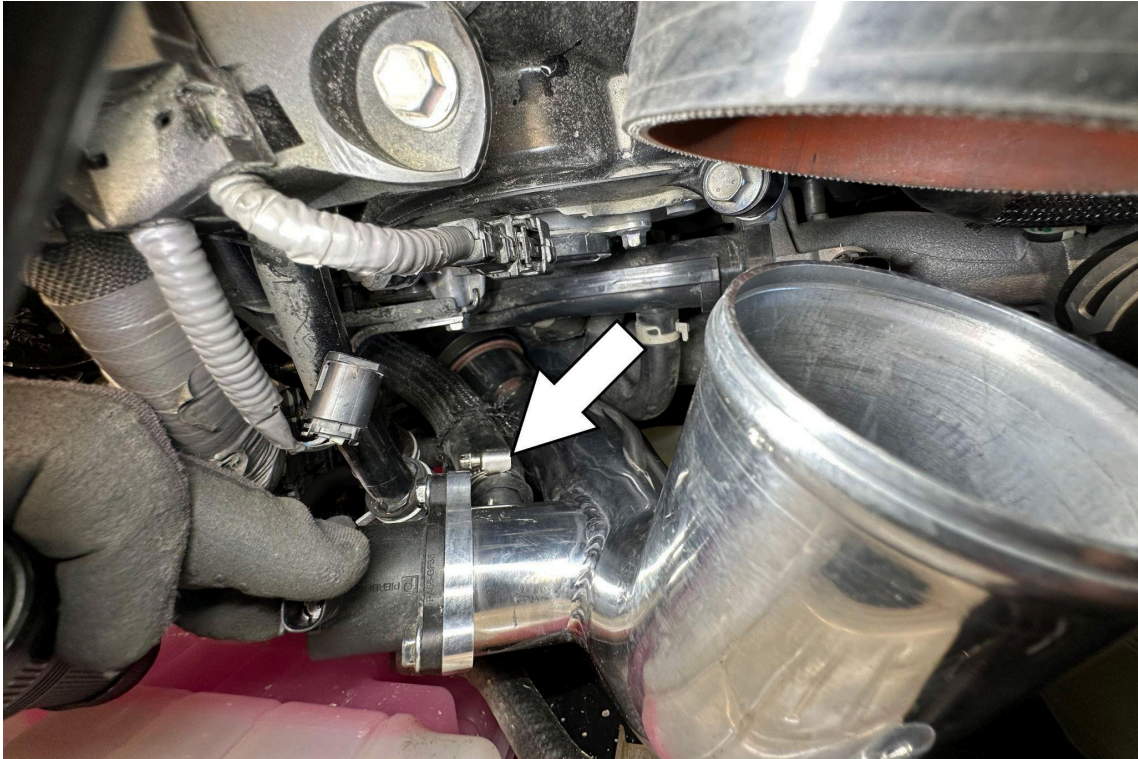
12. Remove the blow off valves from the stock charge pipes and install them onto the HPS charge pipes using six of the provided M6 bolts.



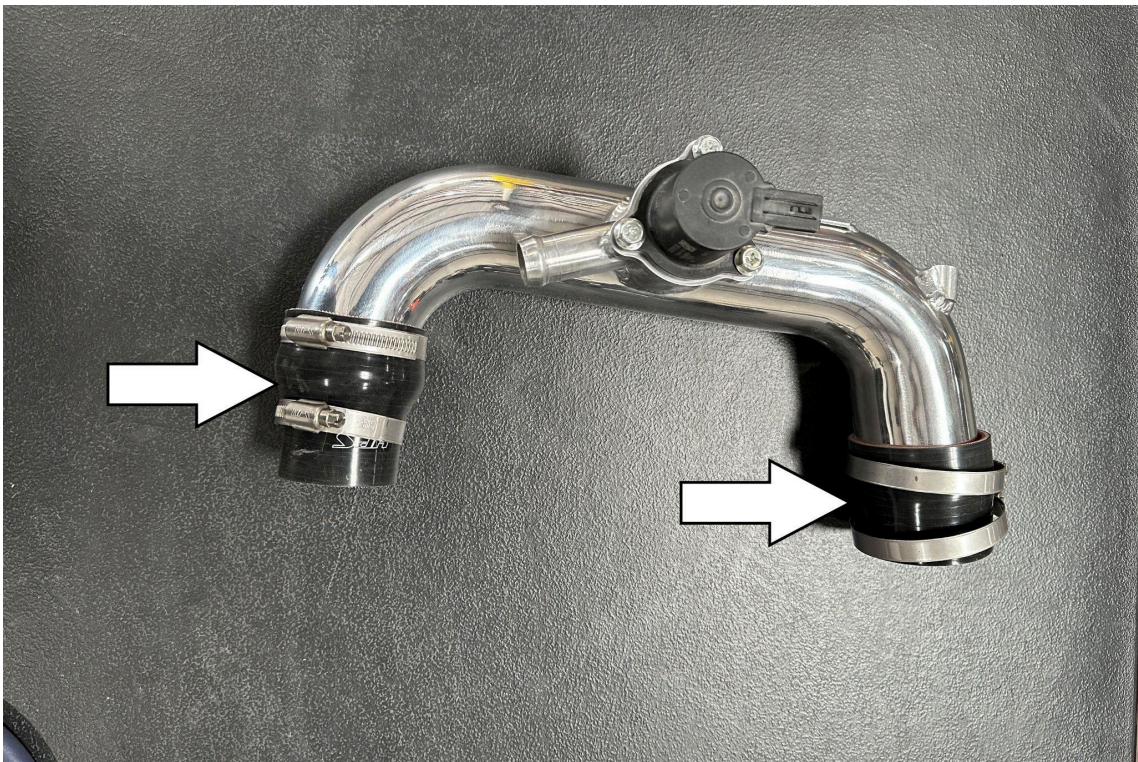
13. Install the provided 45 degree reducer coupler onto the passenger side turbo outlet using one provided 60mm-80mm embossed hose clamp and one provided 40mm-60mm embossed hose clamp.



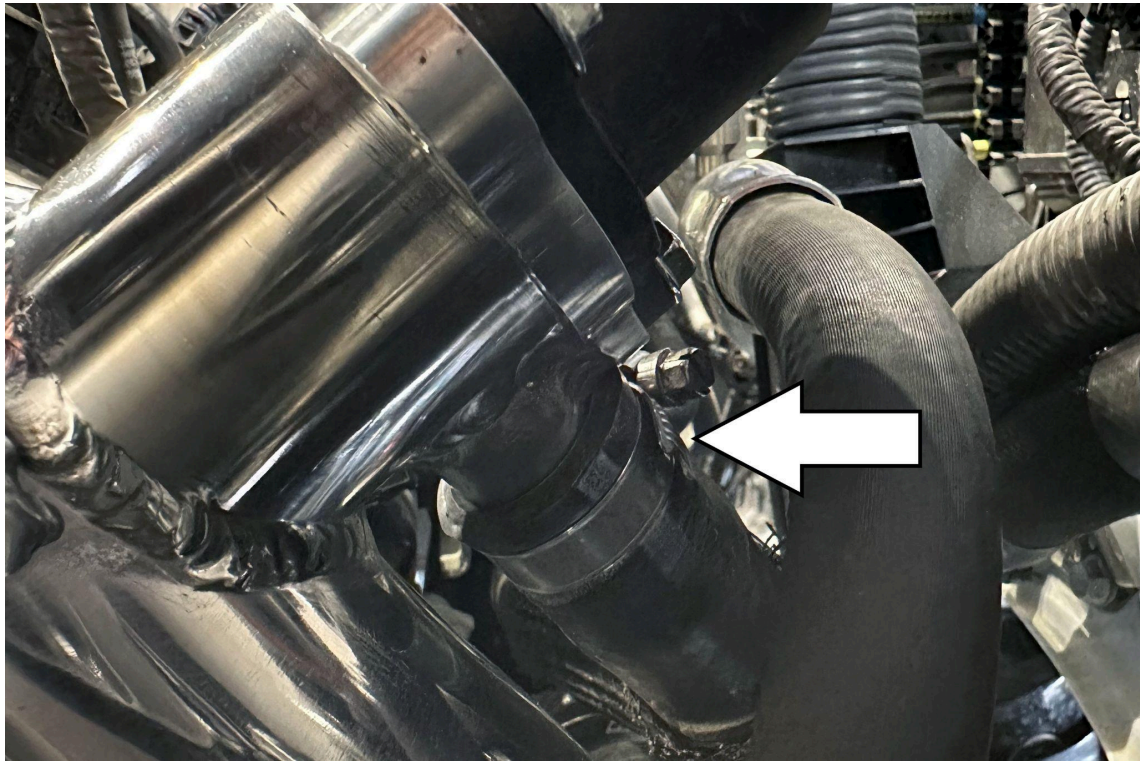
14. Install the 2.5" coupler onto the passenger side intercooler inlet using two of the provided 60mm-80mm embossed hose clamps.



15. Insert the passenger side charge pipe into the 45 degree coupler. Then, reconnect the recirculation hose to the passenger side blow off valve and secure it to the HPS charge pipe using one of the provided 20mm-32mm embossed hose clamps.



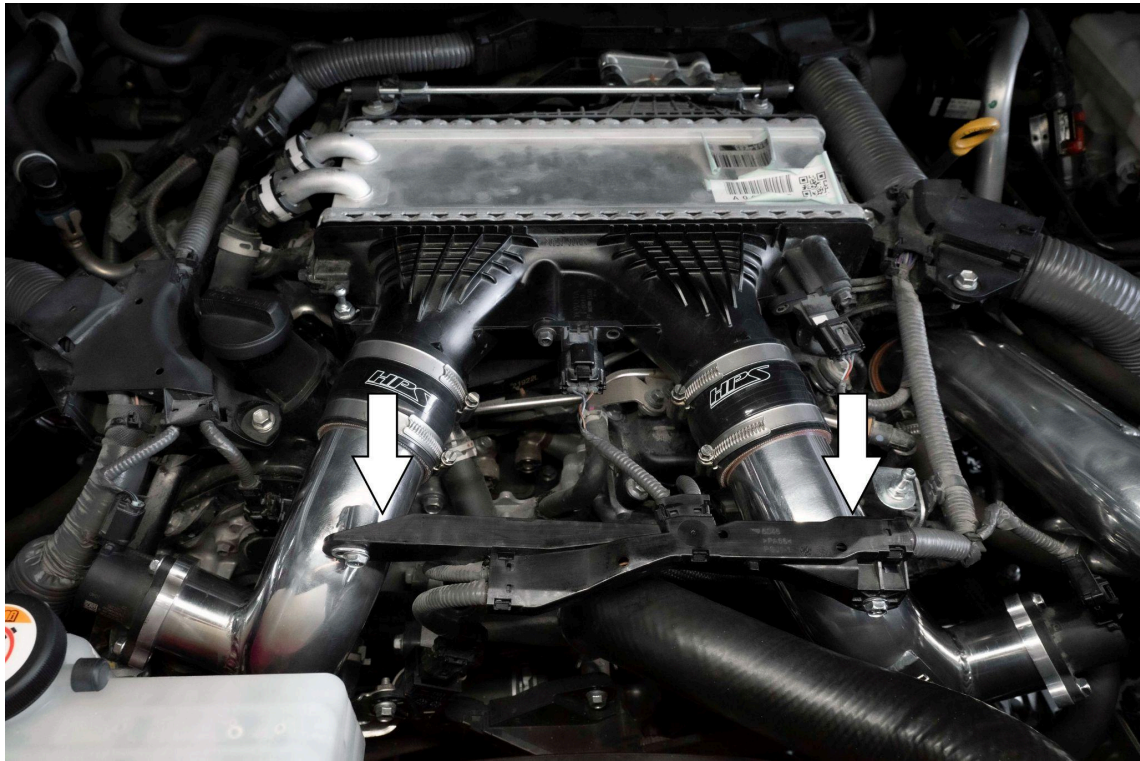
16. Pre-assemble the driver side charge pipe as shown in the picture above using the provided 1.75" to 2.5" reducer coupler and 2.5" straight coupler. Use the other three provided 60mm-80mm embossed hose clamps and one 40mm-60mm embossed hose clamp.



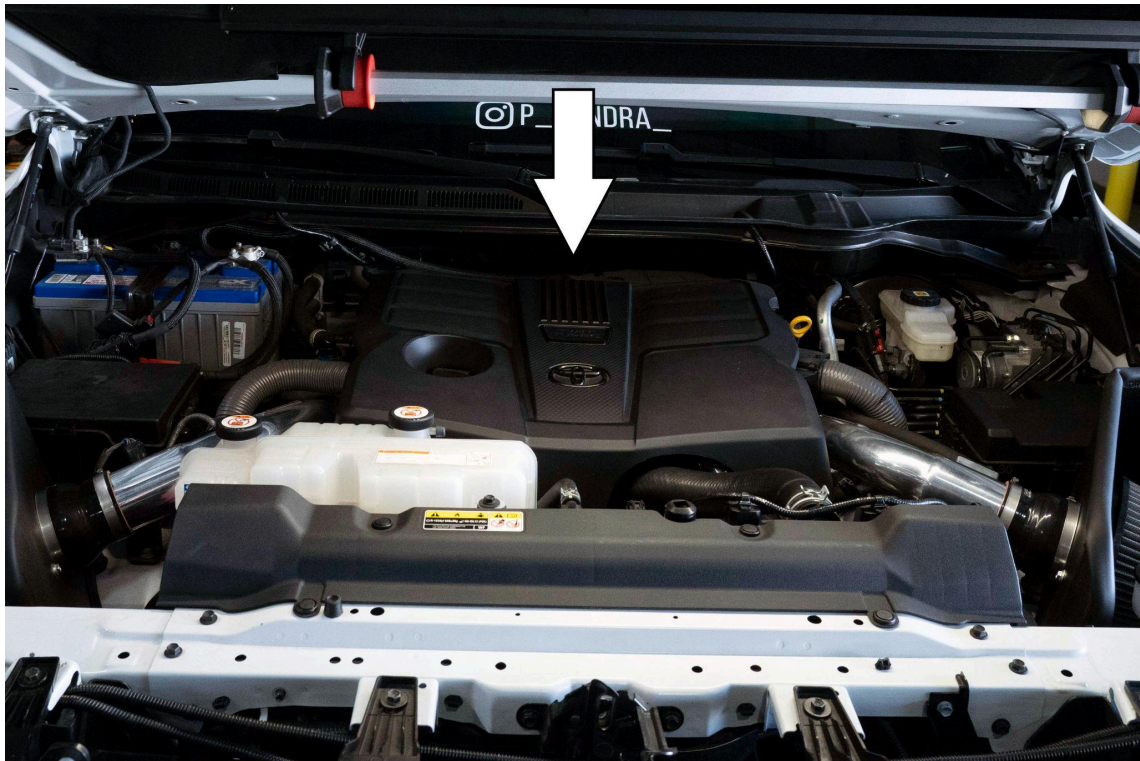
17. Install the driver side charge pipe with the reducer coupler onto the turbo outlet, then reconnect the recirculation hose to the driver side blow off valve and secure it to the HPS charge pipe using the other provided 20mm-32mm embossed hose clamp.



18. Mate the charge pipes to the intercooler and fasten the clamps. Next, reconnect the four blow off valve harnesses.



19. Mount the harness to the two charge pipes using the two provided M6 bolts.



21. Reinstall the engine cover.

FINAL STEPS

Once the charge pipes have 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 charge pipe and make sure there is proper clearance around and along the length of the charge pipe. Failure to follow proper maintenance procedures may cause damage to the charge pipe and will void the warranty.



**Also available for:
Toyota 2022-2024 Tundra 3.4L Turbo &
Toyota 2023-2024 Sequoia 3.4L Turbo**



HPS Performance Air Intake Kit
Part Number [827-726](#)



HPS Performance Oil Catch Can Kit
Part Number [860-003](#)



**HPS Performance Stainless Steel Magnetic
Oil Drain Plug**
Part Number [MDP-M12x125](#)

Contact an authorized HPS Performance dealer or
visit us at [hpsperformance.com](https://www.hpsperformance.com) for more details