



Performance Charge Pipe Kit (Hot Side and Cold Side)

Part Number: 17-163

Acura 2022-2026 MDX Type S 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: 17-163

Line #	Description	Part Number	Qty
1	Charge Pipe, Upper Cold Side	529-632	1
2	Charge Pipe, Hot Side	529-633	1
3	Straight Coupler, 2-1/2" ID, 2-1/2" Length	P3SC-250-L25	1
4	Reducer Coupler, 2-1/2" - 3" ID, 2-1/2" Length	P3SR-250-300-L25	1
5	Hump Coupler, 3" ID, 3" Length	P3SHC-300-L3	1
6	90 Degree Coupler, 2-1/2" ID	CH-AMTS-04	1
7	Embossed Hose Clamp, 60mm - 80mm	EMSC-60-80	5
8	Embossed Hose Clamp, 70mm - 90mm	EMSC-70-90	3

- 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.
- DO NOT INSTALL IF ANY PARTS ARE MISSING OR DAMAGED. CONTACT tech@hpsperformance.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 charge pipe 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@hpsperformance.com

PLEASE READ CAREFULLY BEFORE INSTALLATION!

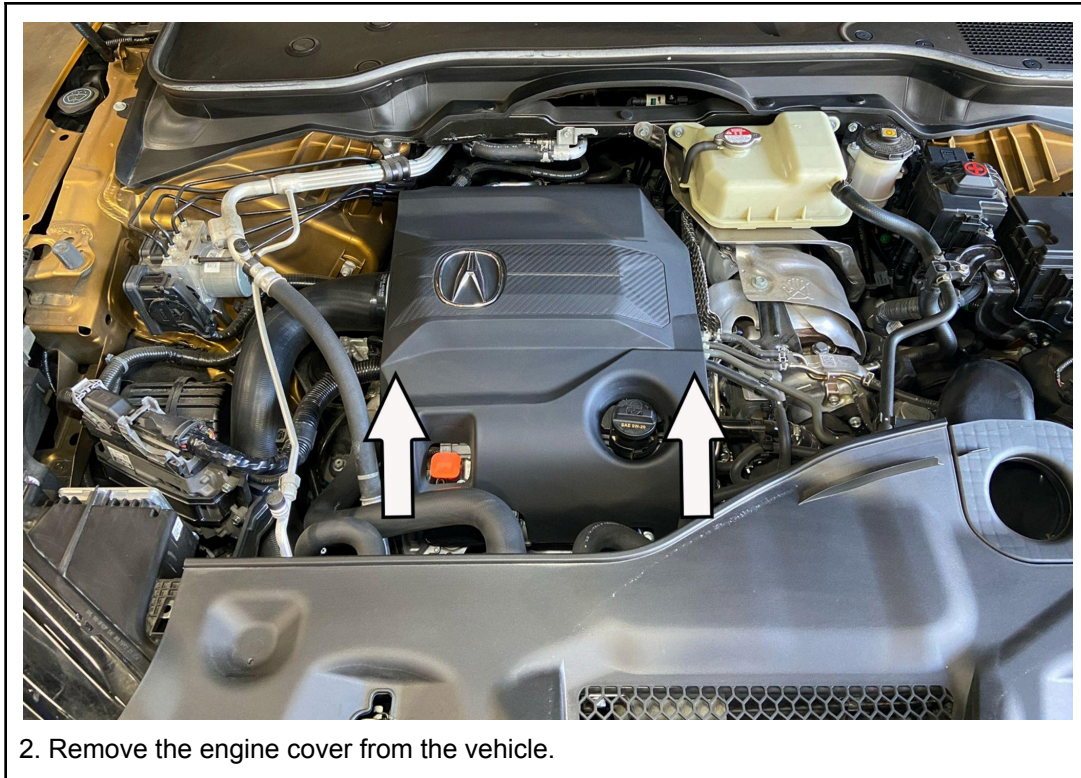
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

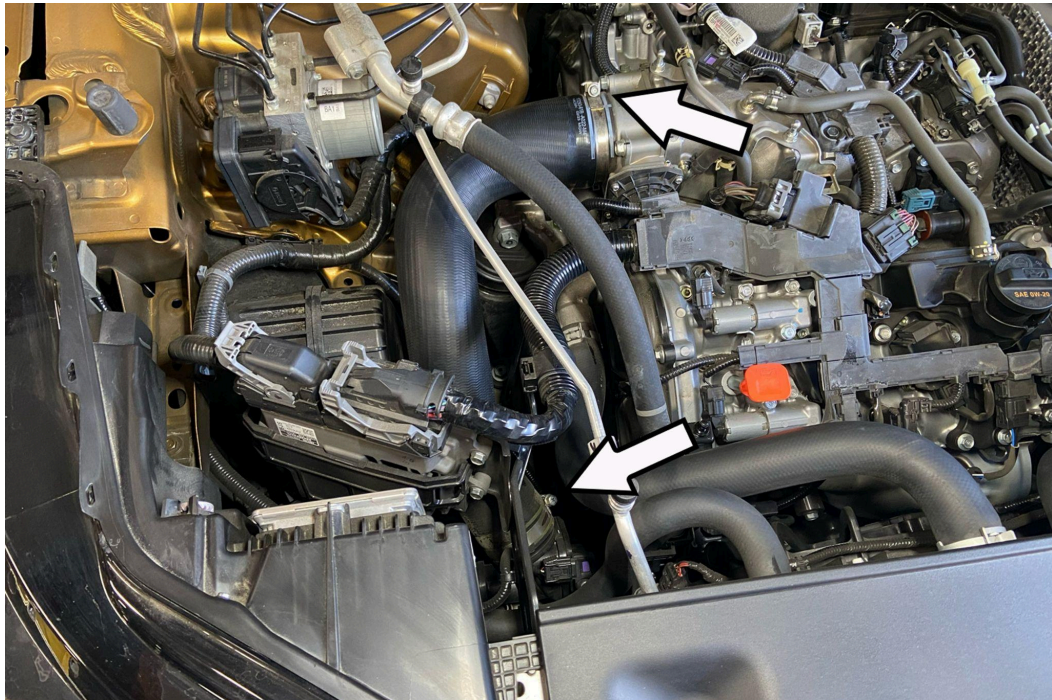
NOTE: HPS holds no responsibility for any engine damage that results from misuse of this product.

GETTING STARTED

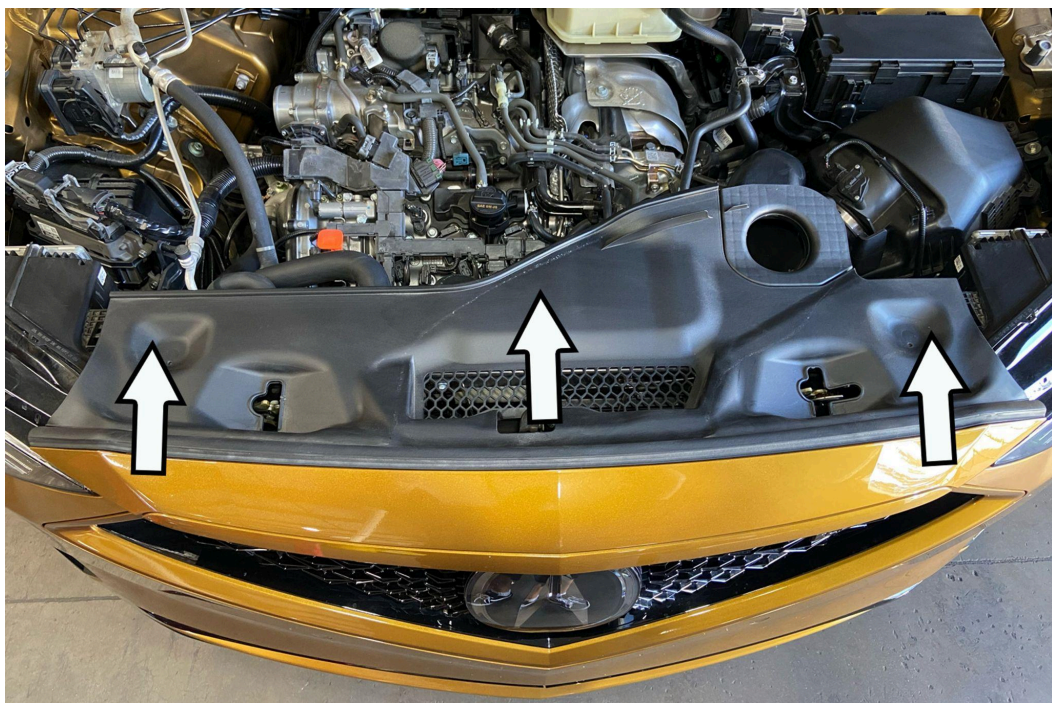
1. Turn the ignition OFF and disconnect both of the vehicle's battery's negative cables . If the engine has run within the past two hours let it cool down.

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.

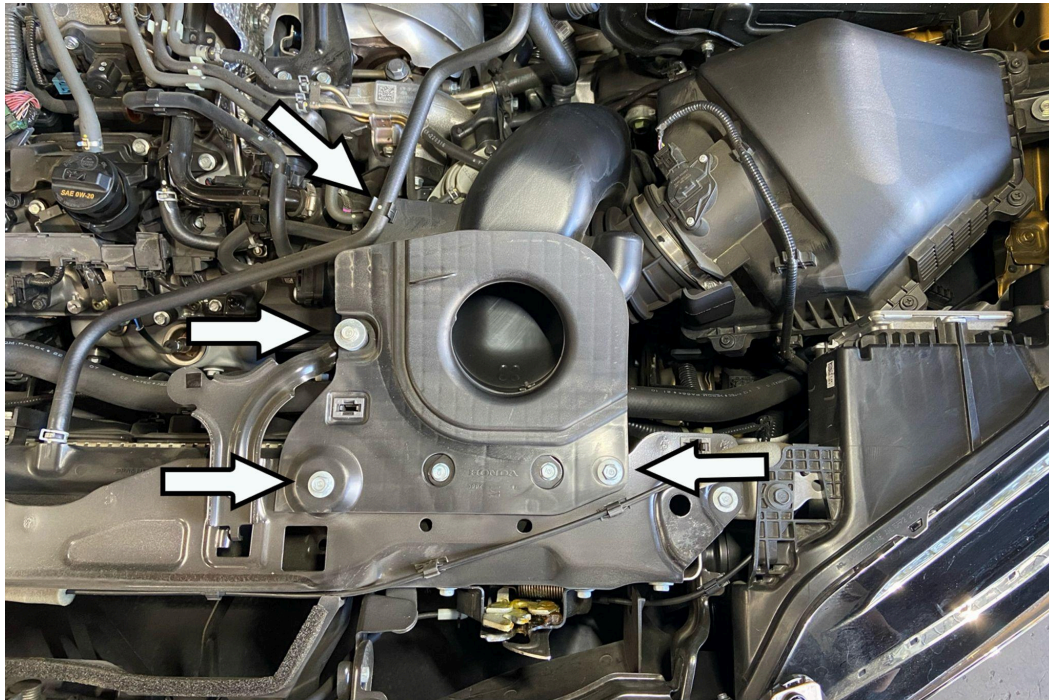




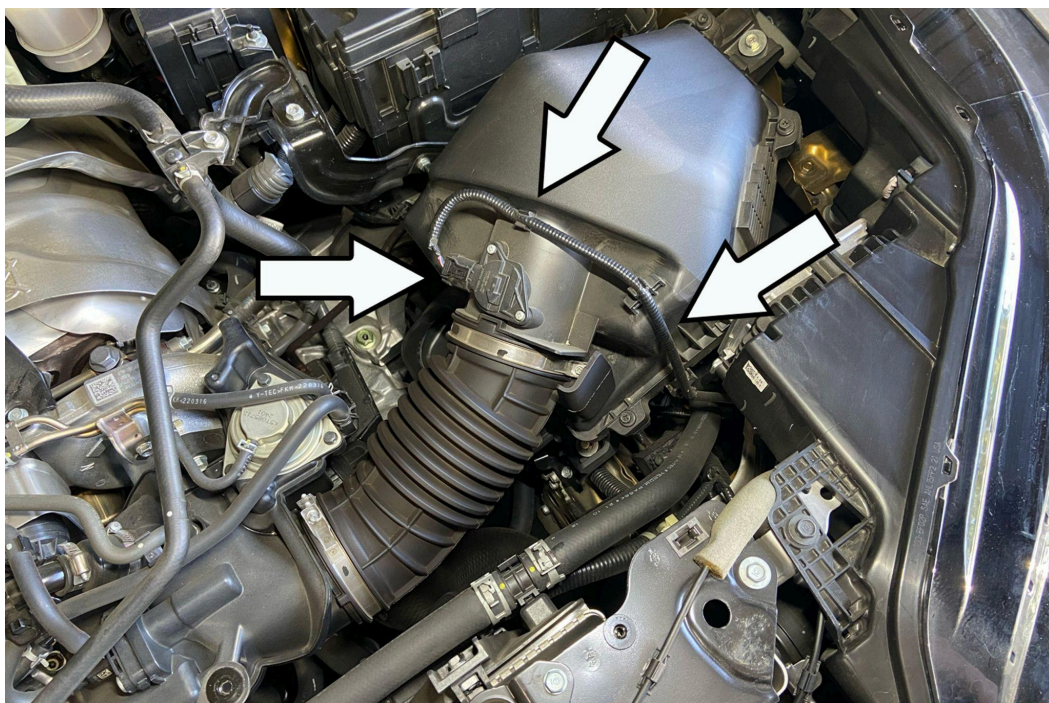
3. Loosen the hose clamps securing the charge hose to the throttle body and the intercooler outlet. Remove the hose from the vehicle.



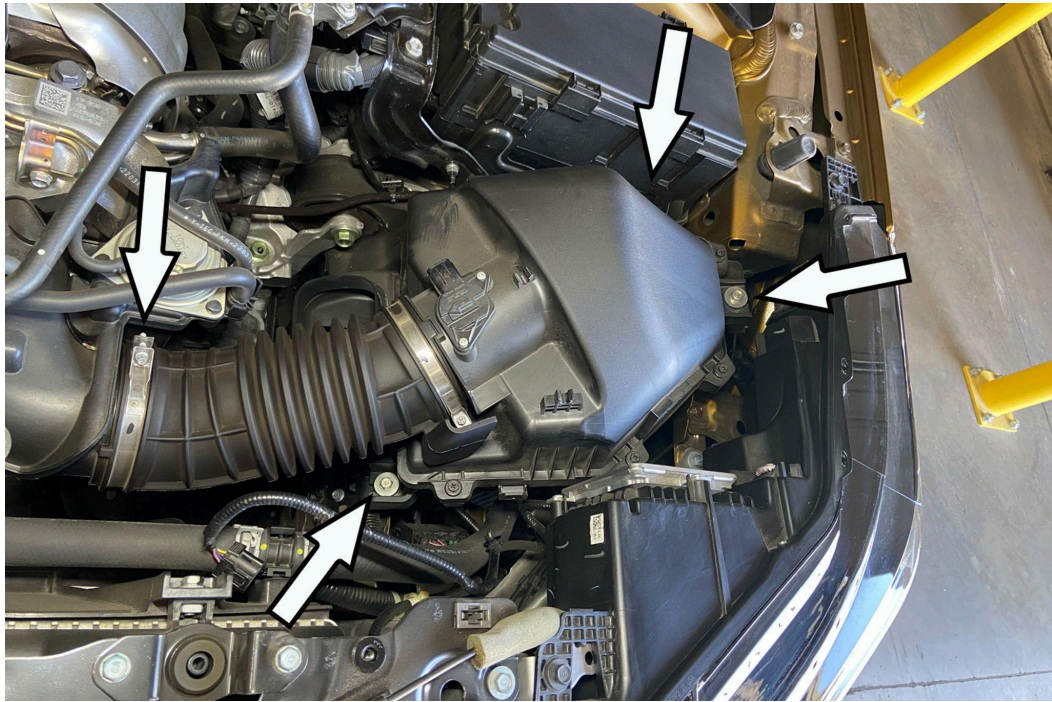
4. Carefully lift up and remove the radiator cowl cover from the vehicle.



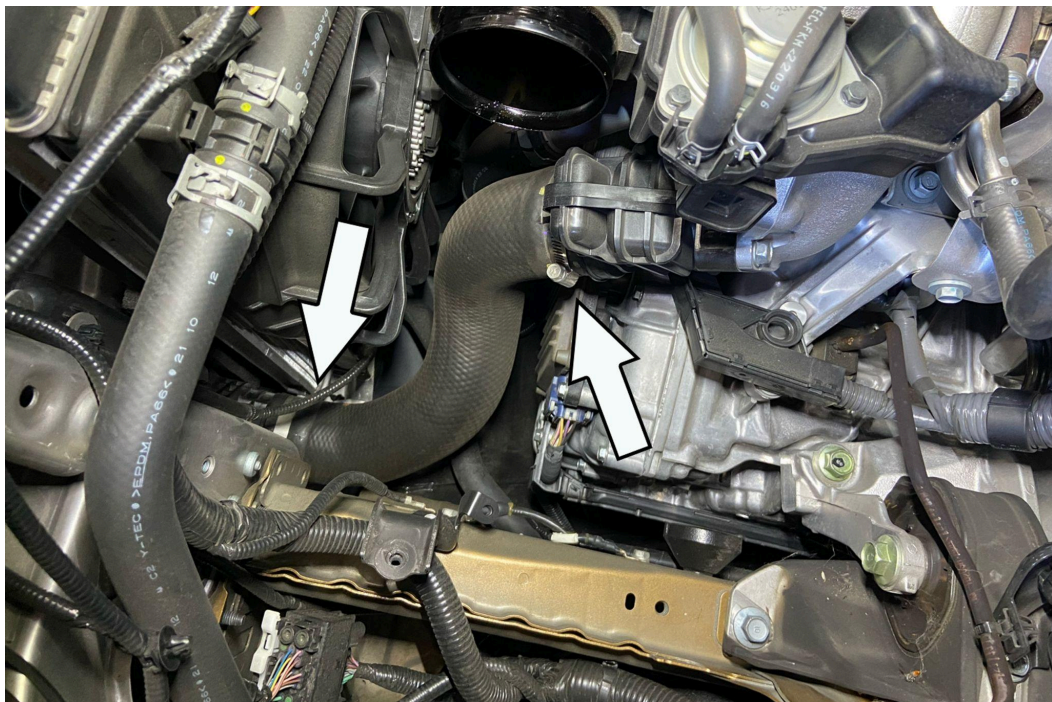
5. Unclip the coolant hose from the air duct and remove the three 10mm bolts to disconnect the air duct from the air box assembly.



6. Disconnect the mass air flow sensor electrical connector and unclip the harness from the air box assembly.



7. Loosen the two 10mm bolts at the air box. Next, loosen the hose clamp securing the intake hose to the turbo inlet. Lift the air box mount from its grommet and remove the air box assembly along with the intake hose from the vehicle.



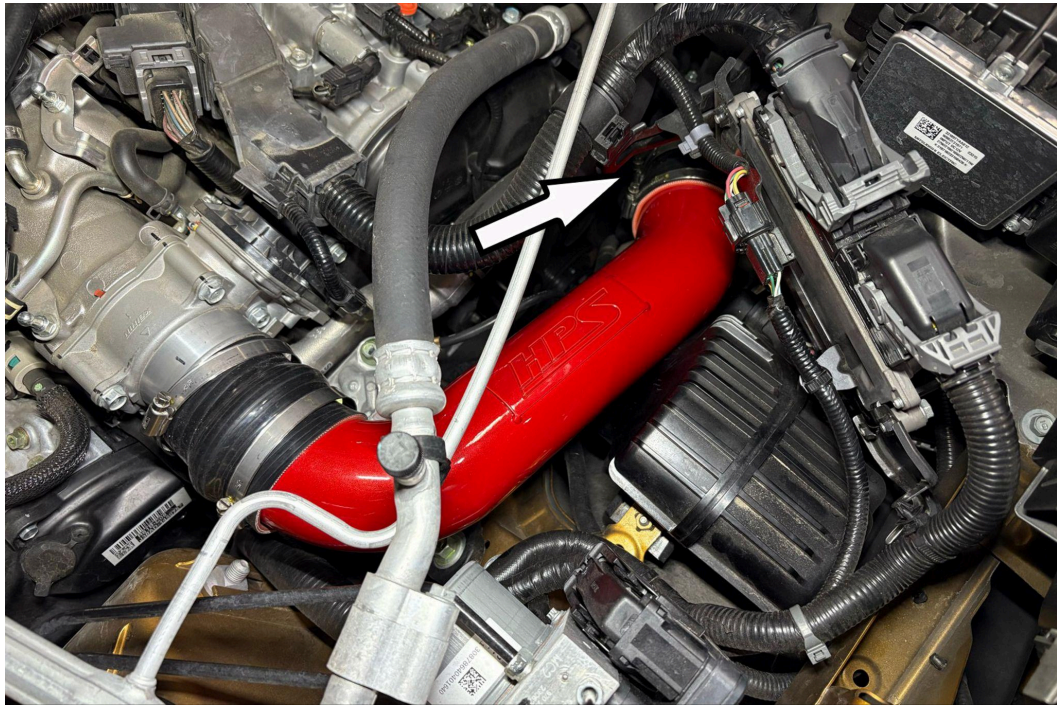
8. Loosen the hose clamps to remove the hot side charge hose from the vehicle.



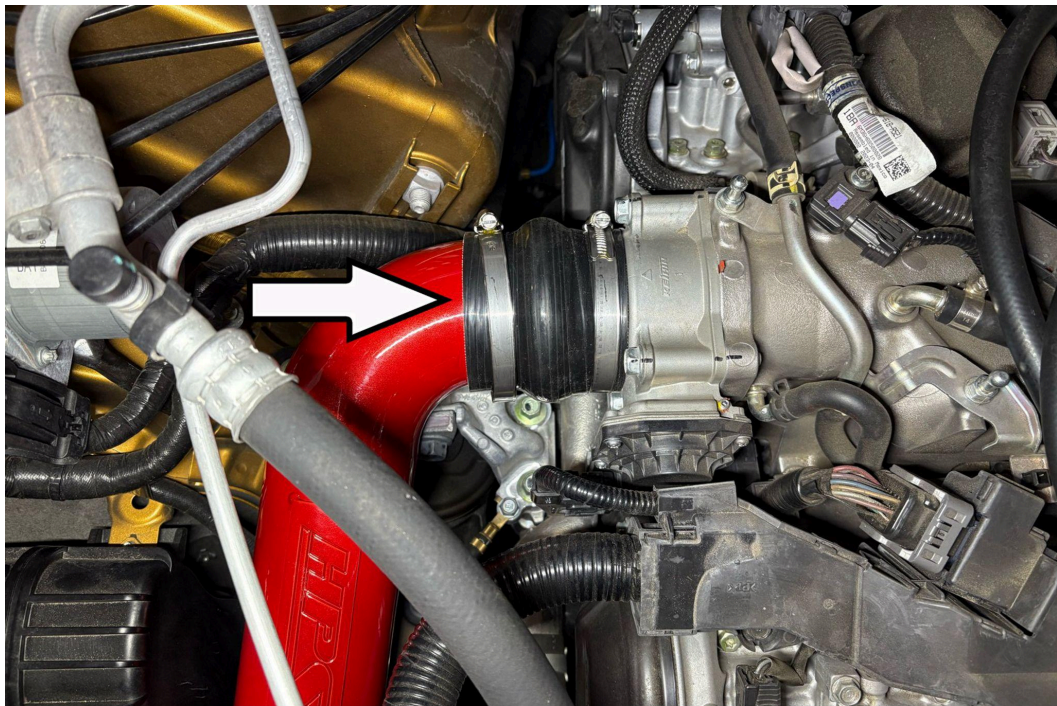
9. Secure the reducer coupler onto the cold side charge pipe using the provided EMSC clamps as shown above.



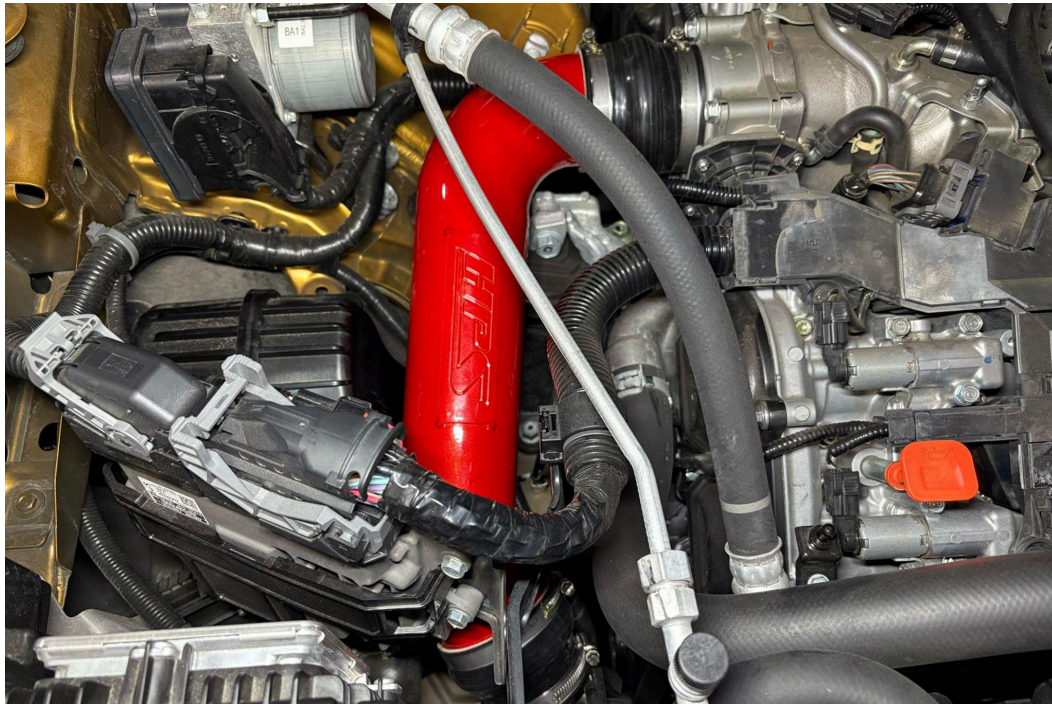
10. Push the hump coupler, as far as it can go, onto the cold side charge pipe along with the provided EMSC clamps.



11. Slip the reducer coupler onto the intercooler outlet.



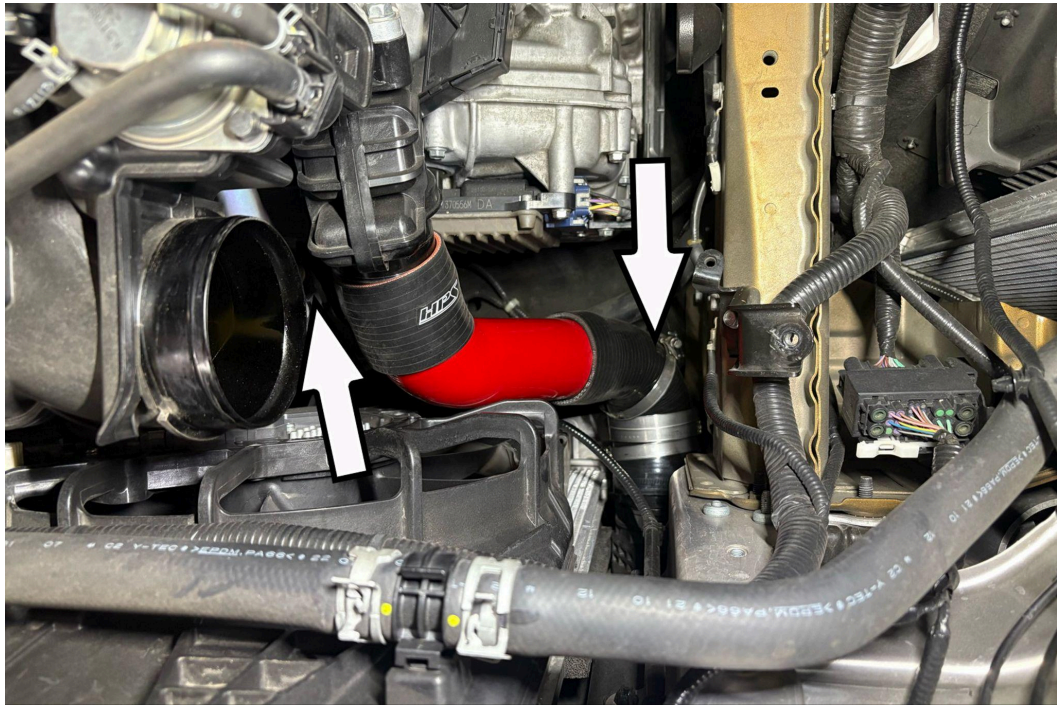
12. Align the hose to the throttle body, then slide the hump coupler onto the throttle body.



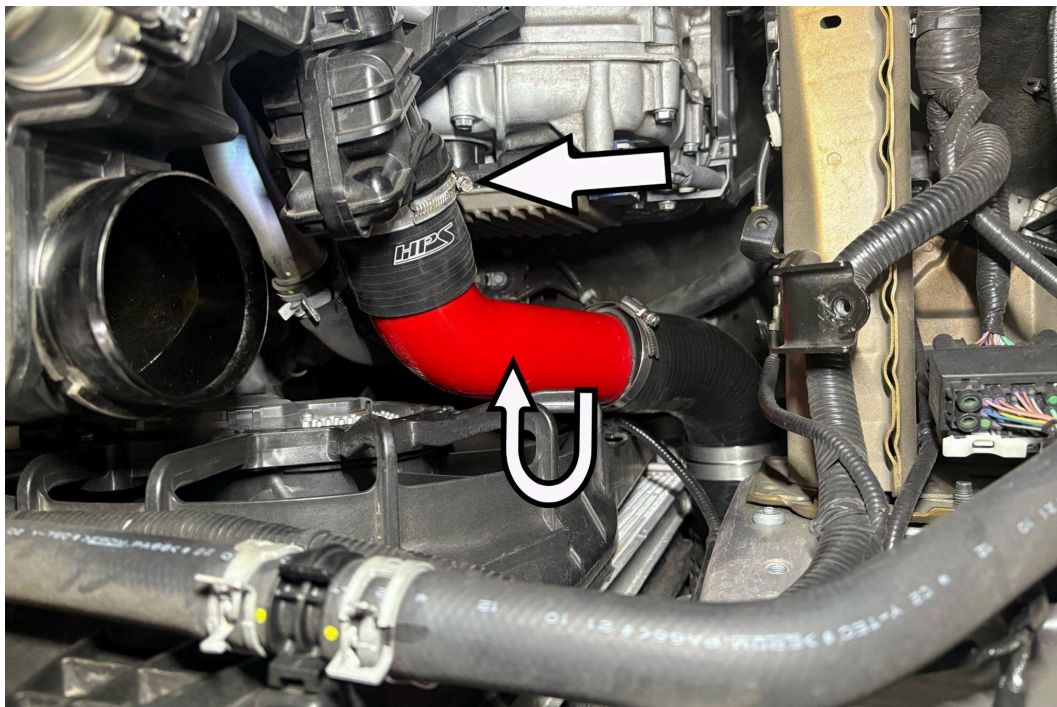
13. Position the charge pipe and secure all of the EMSC clamps.



14. Slip the straight coupler, as far as possible, onto the HPS hot side charge pipe along with the provided EMSC clamps. Loosely insert the long side of the 90 degree coupler onto the hot side charge pipe along with the provided EMSC clamps.



15. Connect the short side of the 90 degree coupler onto the intercooler inlet. Rotate the charge pipe until the straight coupler aligns with the turbo outlet. Slide the straight coupler onto the turbo outlet.



16. Fasten the hose clamp to secure the straight coupler onto the turbo outlet. Rotate the charge pipe into place.

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.

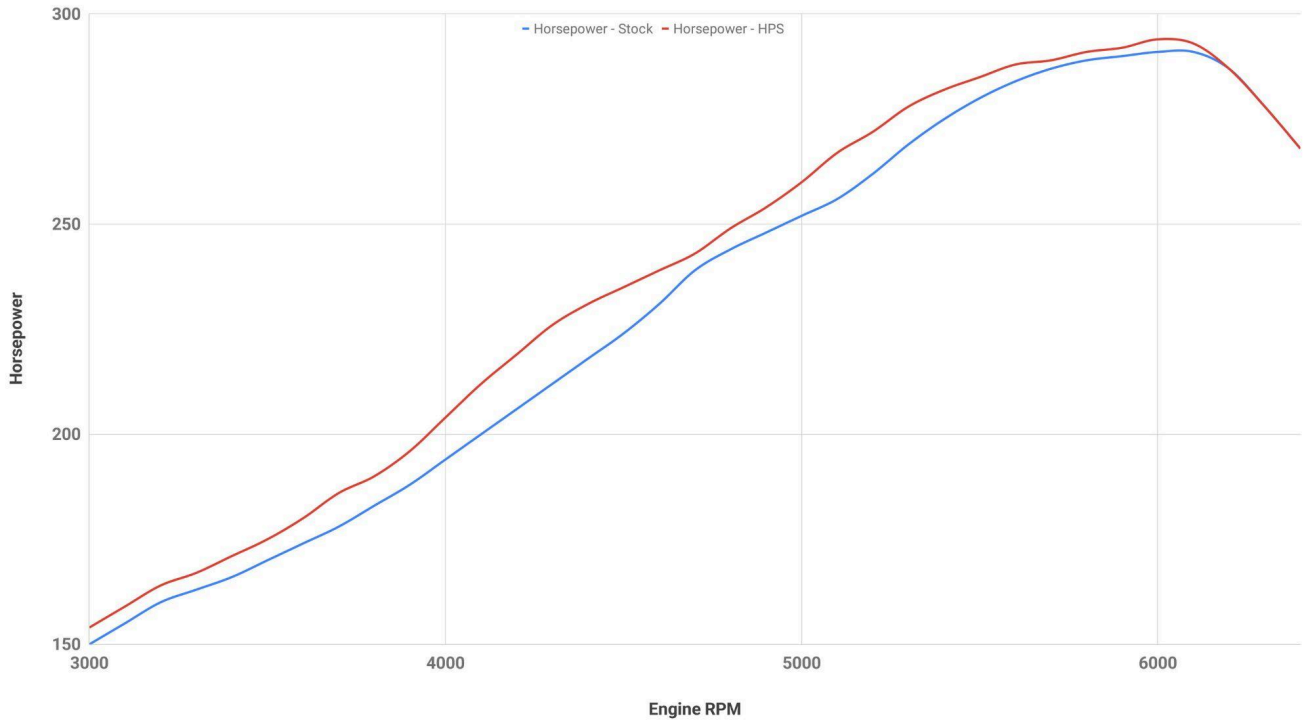
Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles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

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

HPS Performance Charge Pipe Kit (Hot Side and Cold Side)
2022-2026 Acura MDX Type S 3.0L V6 Turbo
Part Number: 17-163

Maximum Horsepower Gains = 14 whp @ 4300 rpm

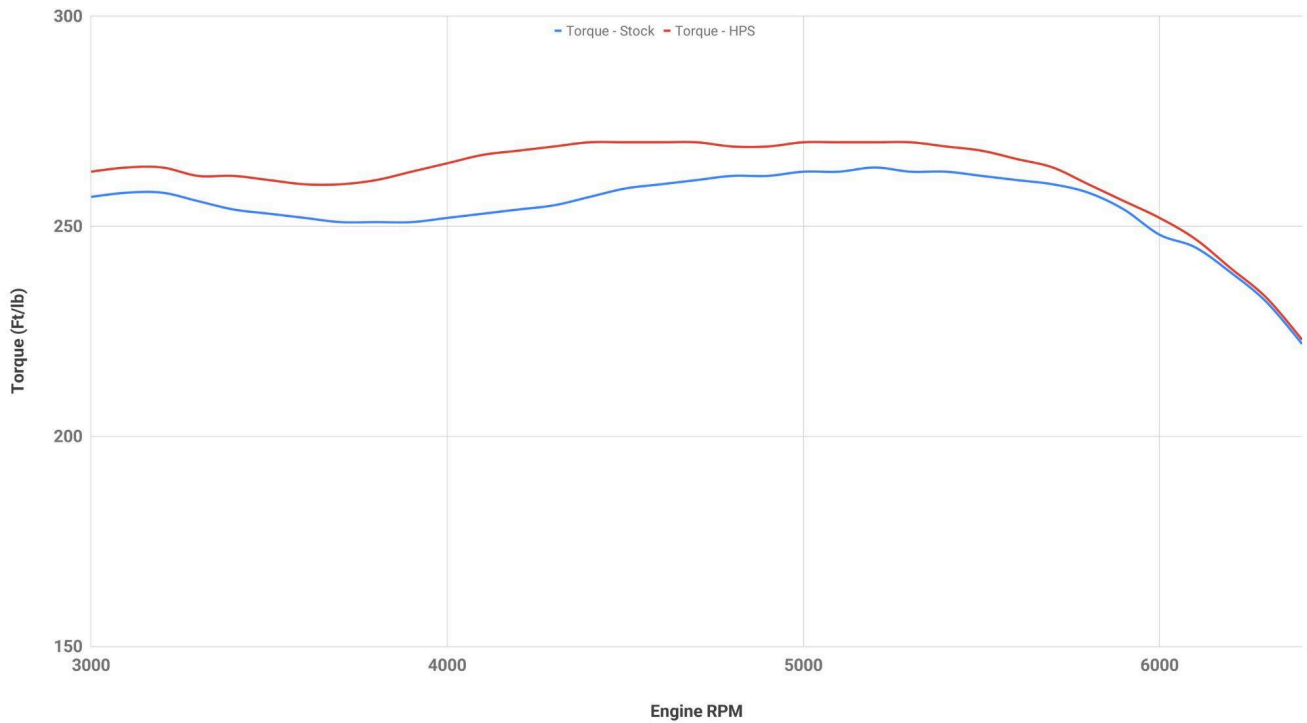
Tested Vehicle 2023 Acura MDX Type S 3.0L V6 Turbo



HPS Performance Charge Pipe Kit (Hot Side and Cold Side)
2022-2026 Acura MDX Type S 3.0L V6 Turbo
Part Number: 17-163

Maximum Torque Gains = 14 ft/lb @ 4100 rpm

Tested Vehicle 2023 Acura MDX Type S 3.0L V6 Turbo



Also available for Acura 2022-2026 MDX Type S 3.0L Turbo



HPS Performance Oil Catch Can Kit
Part Number [860-014](#)



HPS Performance Air Intake Kit
Part Number [827-728](#)



**HPS Performance Stainless Steel Magnetic
Oil Drain Plug**
Part Number [MDP-M14x150](#)

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