

# Performance Air Intake Kit Part Number: 827-741

### Acura 2024-2025 Integra Type S 2.0L 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: 827-741

| Line # | Description   | Part Number      | Qty       |
|--------|---|------------------|-----------|
| 1      | Air Intake Pipe                                     | 529-950          | 1         |
| 2      | Bracket, "L"  | 530-173          | 1         |
| 3      | Bracket, Straight Threaded Tube                     | 530-608          | 1         |
| 4      | Heat Shield   | 531-951          | 1         |
| 5      | HPS Performance Air Filter                          | HPS-4298         | 1         |
| 6      | Bolt, M4 x 0.7, 8mm Long                            | HW-B4-8          | 2         |
| 7      | Bolt, M6 x 1.0, 16mm Long                           | HW-B6-16         | 3         |
| 8      | Bolt, M6 x 1.0, 25mm Long                           | HW-B6-25         | 2         |
| 9      | Flat Washer, M6, 16mm OD                            | HW-FW6L          | 6         |
| 10     | Flange Nut, M6                                      | HW-N6            | 3         |
| 11     | Rubber Grommet,10mm ID for 5/8" hole                | HW-RG10          | 2         |
| 12     | Steel Unthreaded Spacer, 8mm OD, 6.2mm ID, 6mm Long | 93441A502        | 2         |
| 13     | MAF Sleeve, No straightener, 3.50" - 3.25"          | HW-VEN-350-325-B | 1         |
| 14     | Bubble Edge Trim                                    | 7750B2X1/16C     | 42 inches |
| 15     | Gasket, Purge Valve                                 | GASKET-MAS-21    | 1         |
| 16     | Long Flat-Tip Set Screw, M6 x 1.00 Stud, 25mm Long  | 92605A136        | 2         |
| 17     | Rubber Vibration Mount, M6, 1/2" Tall               | HW-RM6-050       | 1         |

- 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!

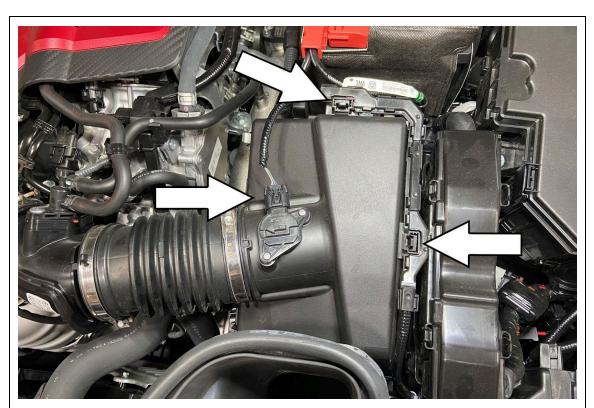
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

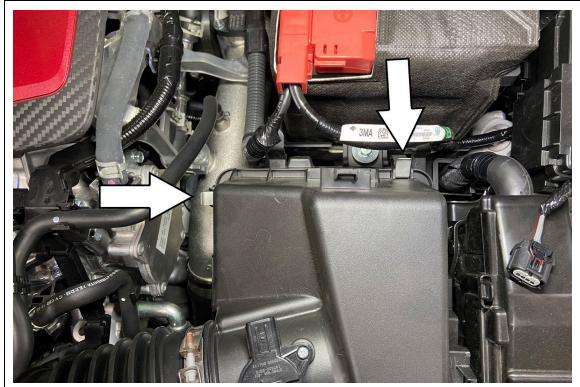
#### **GETTING STARTED**

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.

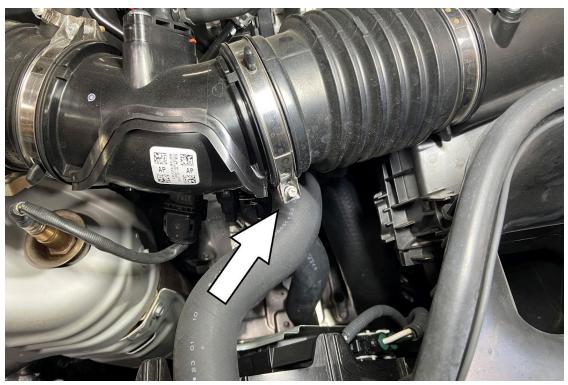
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



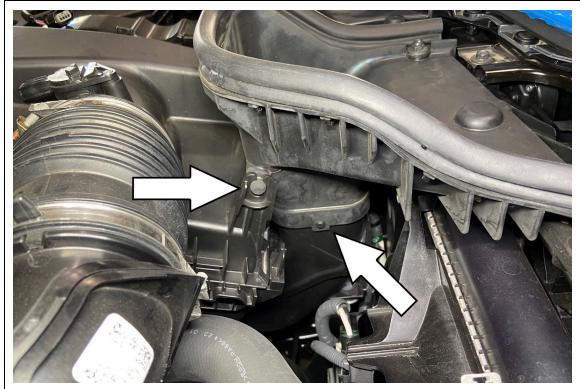
2. Disconnect the mass air flow sensor electrical harness from the air box assembly and remove the connector from the sensor.



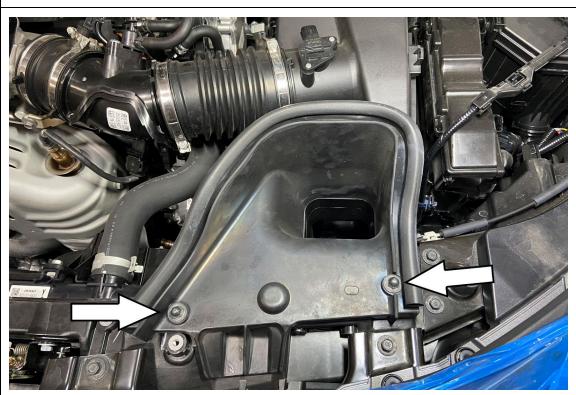
3. Unclip the two retaining clips from the upper air box.



4. Loosen the hose clamp securing the intake hose from the purge jet housing.



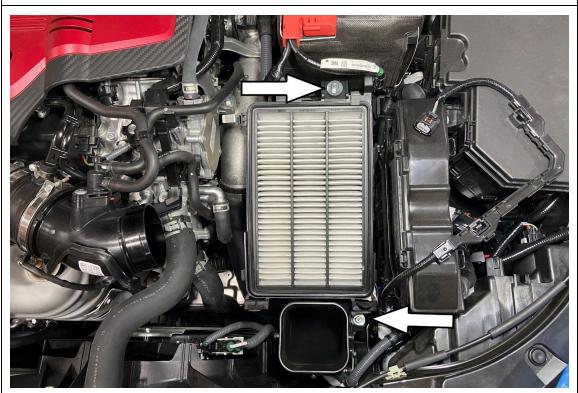
5. Disconnect the factory air duct from the upper and lower air box assembly.



 $\,$  6. Remove the two 10mm bolts securing the factory air duct.



7. Remove the upper air box assembly along with the intake hose and factory air duct from the vehicle.



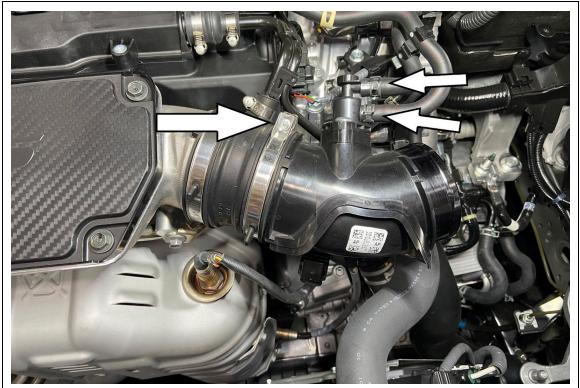
8. Remove the two 10mm bolts securing the lower air box assembly.



9. Disconnect the battery harness clips from the lower air box assembly.



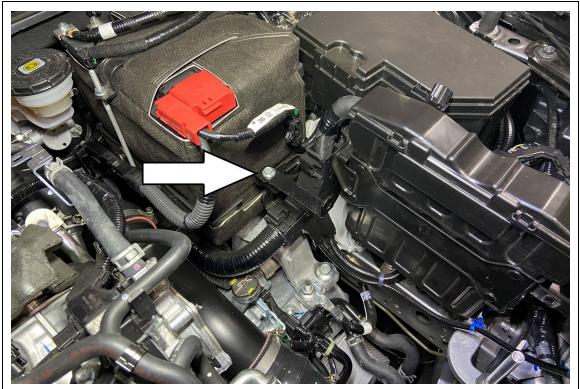
10. Lift the lower air box from its grommet and remove it from the vehicle.



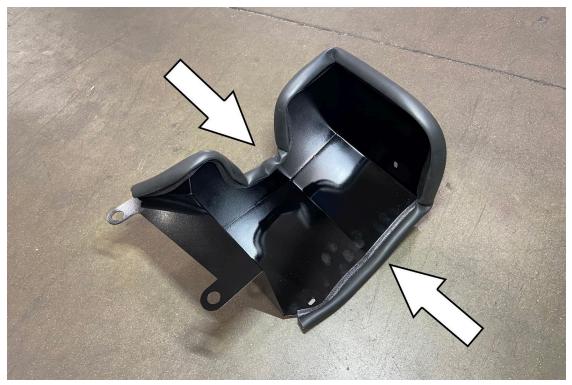
11. Disconnect the two vacuum hoses from the check valve. Loosen the hose clamp securing the purge jet housing and remove it from the vehicle.



12. Secure the 1/2" vibration mount onto the factory air box bracket, then secure the tall bracket onto the vibration mount.



13. Secure the "L" bracket onto the factory air box mount using one of each provided M6 x 16mm bolt and washer.



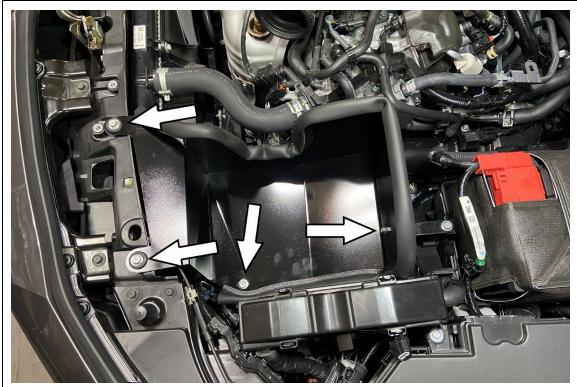
14. Secure the provided bubble edge trim onto the HPS heat shield as shown above.



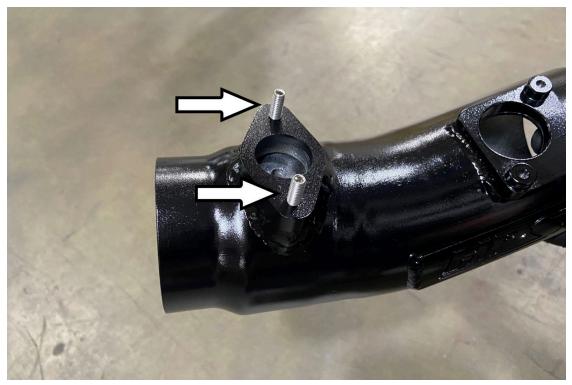
15. Install the provided rubber grommets into the front of the heat shield. Then, insert the two 8mm spacers into the rubber grommets as shown in the picture above.



16. Slide the mass air flow sensor harness connector underneath the heat shield before installing the heat shield.



17. Secure the heat shield to the brackets and the factory air duct mounts using the provided M6 x 25mm bolts (2), M6 x 16mm bolts (2), M6 nut (1), and M6 washers (5).



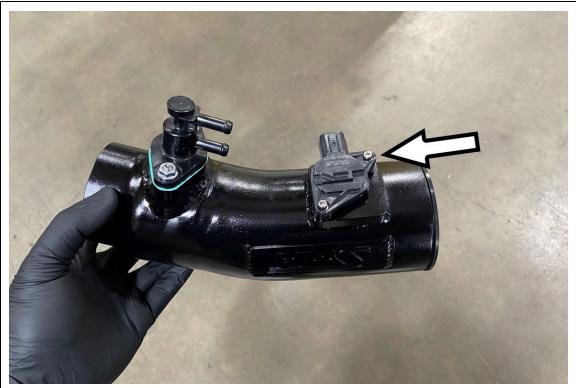
18. Secure the two provided set screws into the HPS intake pipe flange as shown above.



19. Insert the provided gasket and secure the purge valve to the HPS intake using two of the provided M6 nuts.



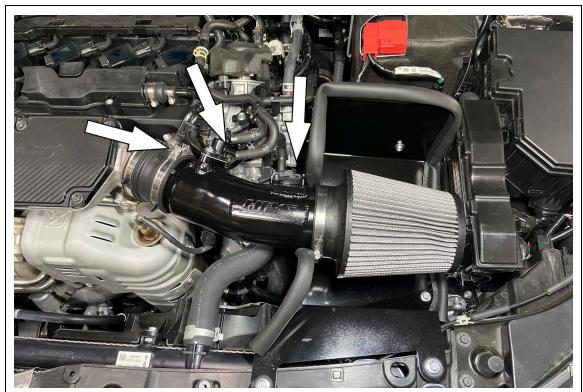
20. Insert the MAF sleeve into the HPS intake pipe. Align hole to the sensor flange ensuring that the MAF sensor will not come in contact with the sleeve.



21. Remove the mass air flow sensor from the factory intake and secure it the HPS intake pipe using the provided M4 x 8mm allen bolts.



22. Secure the HPS performance air filter onto the intake pipe.



23. Insert and secure the HPS intake pipe into the factory turbo inlet coupler. Reconnect the purge valve hoses and connect the MAF sensor harness connector back onto the sensor.

#### **FINAL STEPS**

Once the intake has been positioned, tighten all of the clamps and secure all of the parts.

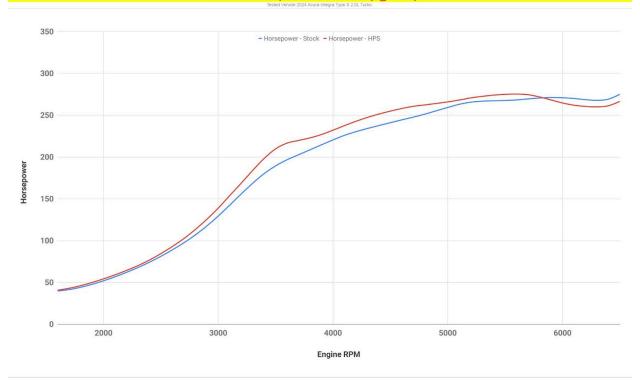
Upon completion of the installation, reconnect the negative battery terminal before you start the engine. Double check to make sure everything is tight and properly positioned before starting the vehicle.

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.

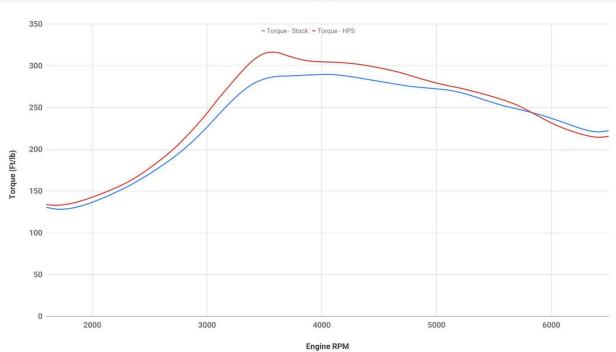
Periodically, recheck the alignment of the intake kit and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.



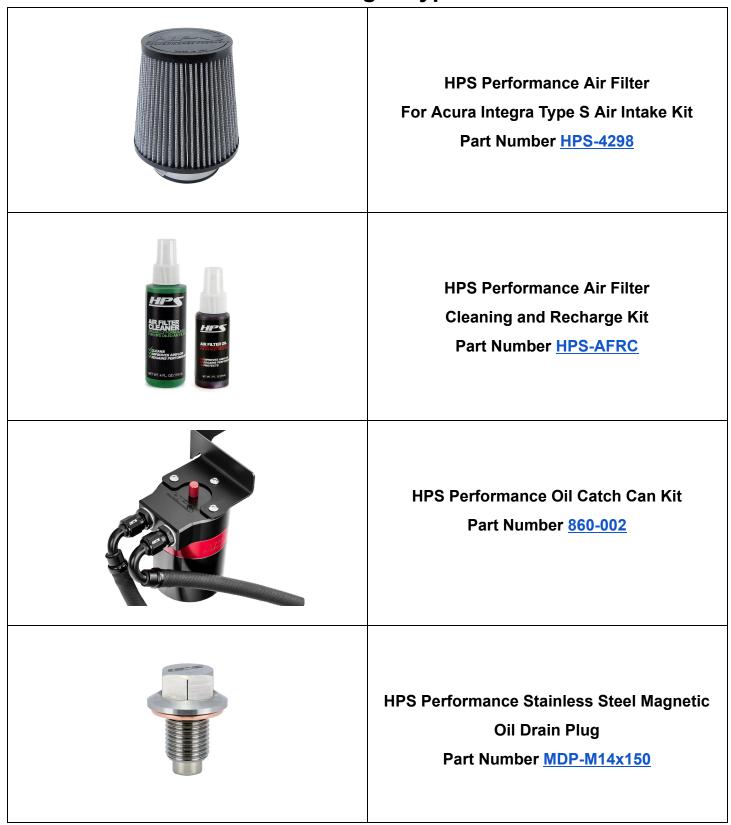
### HPS Performance Air Intake Kit with Heat Shield (827 Series) 2024-2025 Acura Integra Type S 2.0L Turbo Part Number: 827-741



## HPS Performance Air Intake Kit with Heat Shield (827 Series) 2024-2025 Acura Integra Type S 2.0L Turbo Part Number: 827-741 Maximum Torque Gains = 16.2 ft/lb @ 4500 rpm



# Also available for Acura 2024-2025 Integra Type S 2.0L Turbo



Contact an authorized HPS Performance dealer or visit us at <a href="https://example.com">hpsperformance.com</a> for more details