



MKV TOYOTA SUPRA

**CARBON FIBER INTAKE KIT**

# Introduction

The goal of AMS Performance is to provide the highest quality, best performing products available. By utilizing research and development, and rigorous testing programs AMS Performance will never compromise the quality or performance of our products. In addition, AMS Performance will only provide the finest customer service offering only parts and advice that are in the best interests of the customer. AMS Performance was built on a foundation of integrity. This is who we are; this is what you can count on.

A vehicle modified by the use of performance parts may not meet the legal requirements for use on public roads. Federal and state laws prohibit the removal, modification, or rendering inoperative of any part or element of design affecting emissions or safety on motor vehicles used for transporting persons or property on public streets or highways. Use or installation of performance parts may adversely affect the drivability and reliability of your vehicle, and may also affect or eliminate your insurance coverage, factory warranty, and/or new OEM part warranty. Performance parts are sold as-is without any warranty of any type. There is no warranty stated or implied due to the stresses placed on your vehicle by performance parts and our inability to monitor their use, tuning, or modification.

These instructions are provided as a guide only as there are many variables that cannot be accounted for concerning your particular vehicle, including but not limited to model year differences, model differences, the presence of non-OEM parts, and modifications that may already be or were previously installed. A basic knowledge of automotive parts and systems is helpful but a better understanding of the parts and systems on your particular vehicle may be required.

If you have any questions or issues at any time during the installation of your AMS Performance product(s) please call us for technical assistance. The AMS Performance tech line can be reached during business hours at 847-709-0530 for AMS Performance products only.

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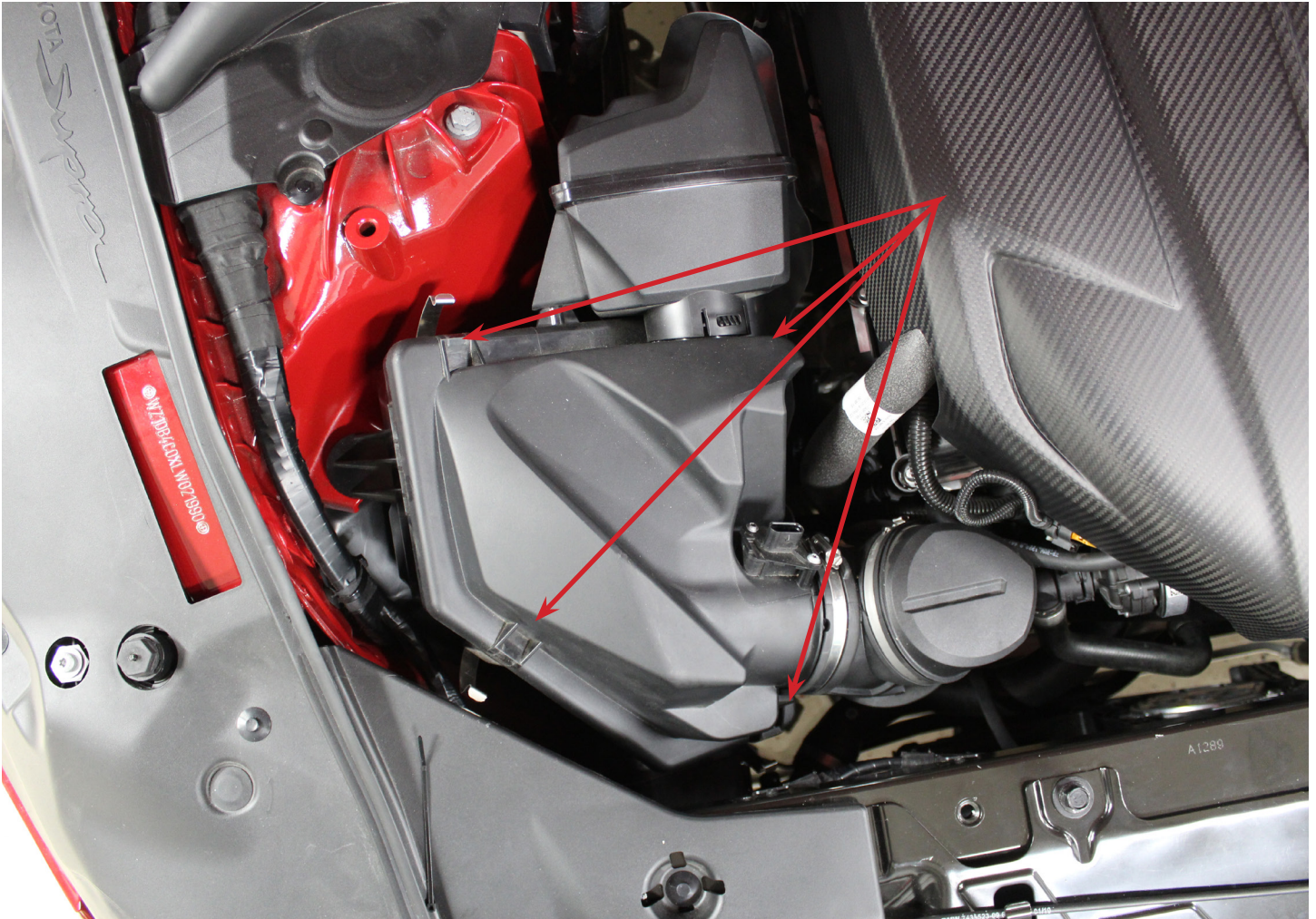
**13** Installation

**16** Enjoy!

1) Push the white locking tab up and remove the electrical connector on the airbox. Then using a flat blade screwdriver or 6mm socket, loosen the clamp holding the intake tube to the airbox.



2) Release the four metal clips to remove the upper air box.

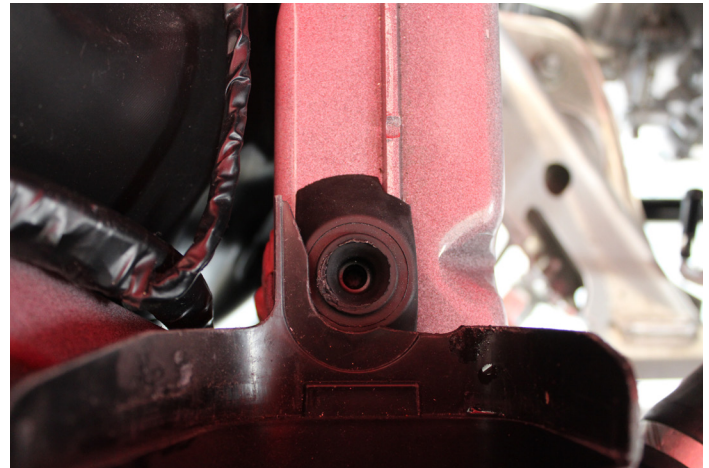
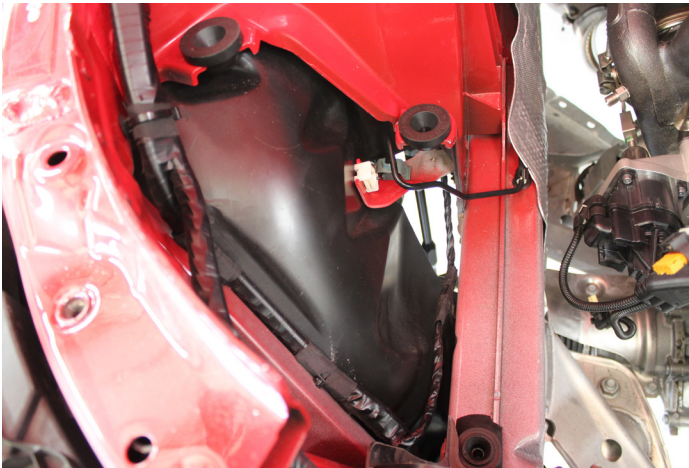
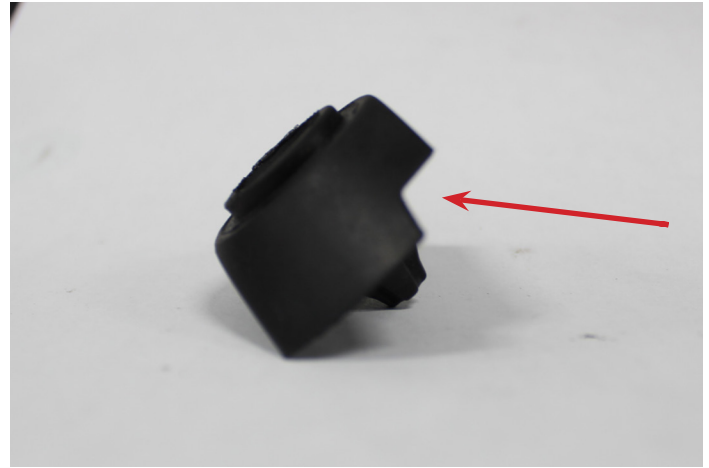
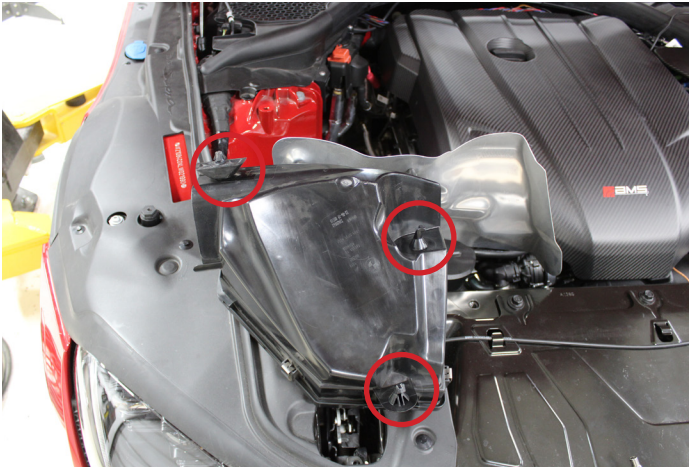


**3)** There are three grommets holding the air box in. One on the side and two underneath. Grab a hold of the lower airbox assembly and pull it straight up out of the grommets one at a time.

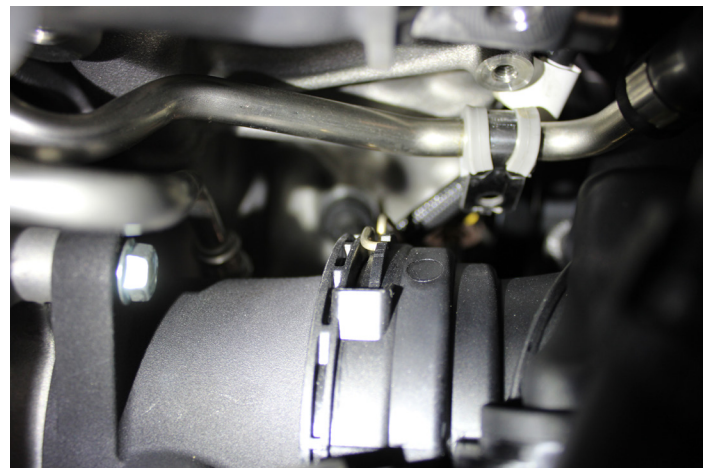
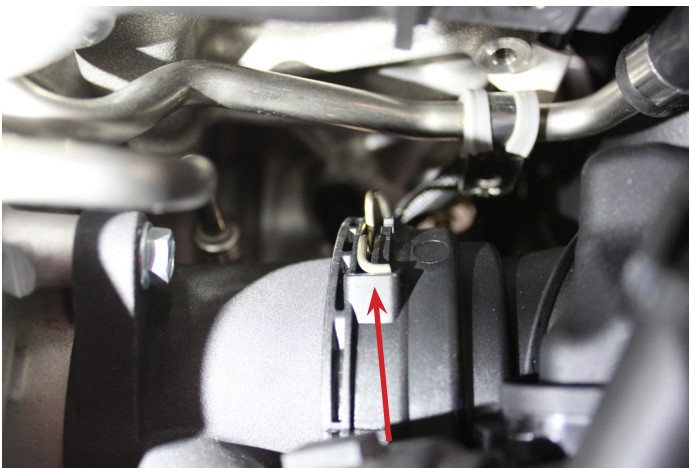
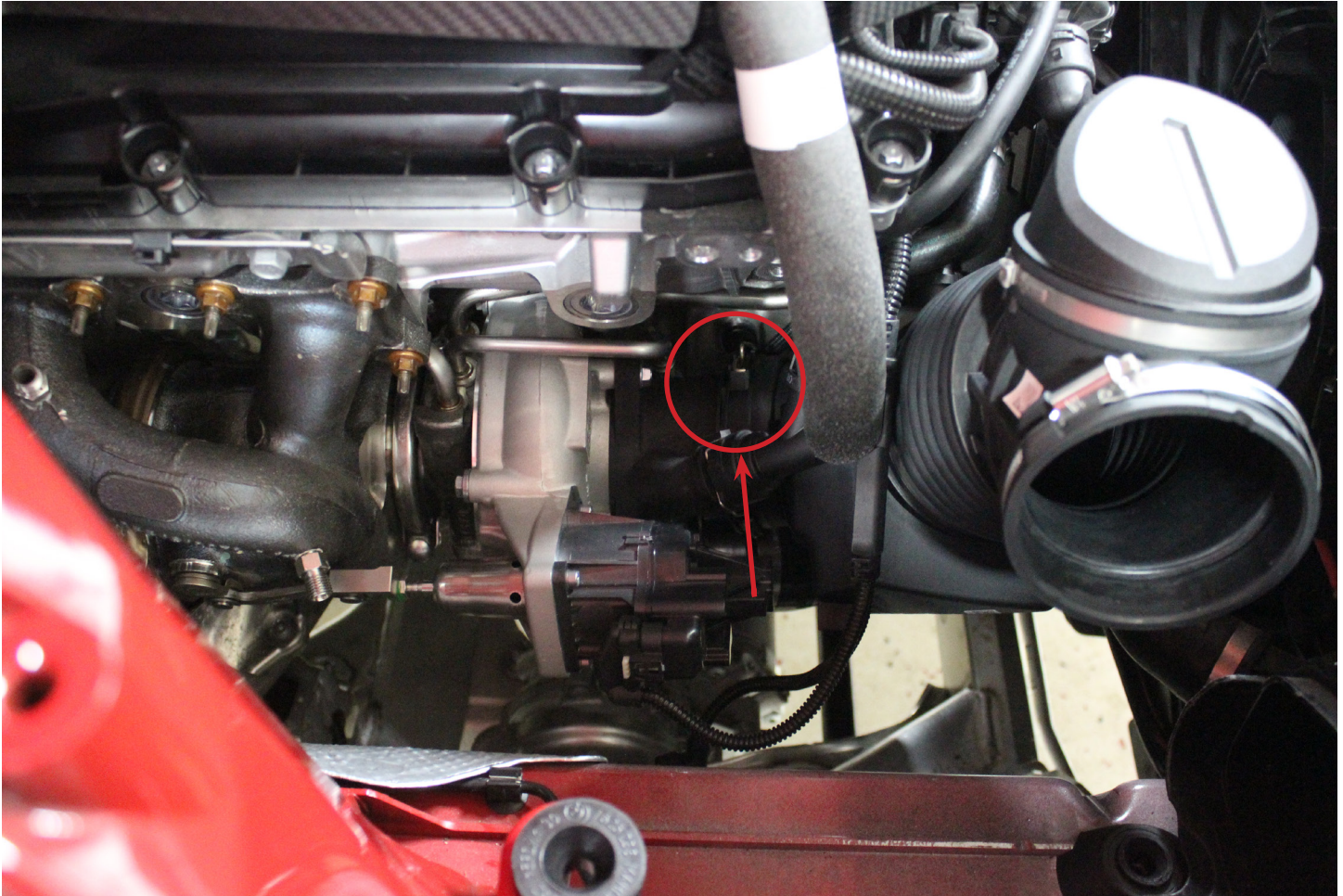


4) If the grommets came out with the airbox, remove them from the air box and reinstall them back in the car.

**Note: The rectangle grommet has a cutout for the pinch weld under the airbox. Position it as shown.**

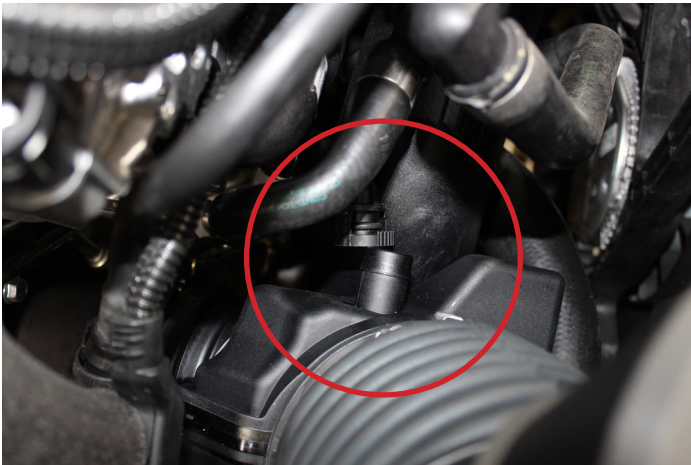
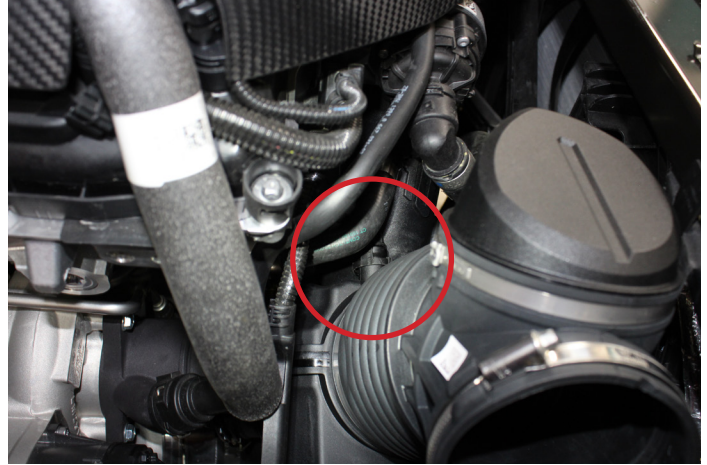
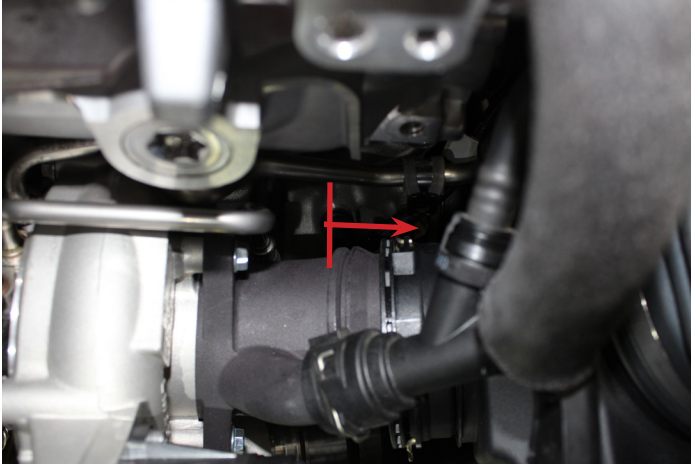


5) Remove the intake tube. First release the retainer “C” shaped clip holding the tube to the compressor inlet as shown. One end is visible on the top, the other end is underneath the tube.

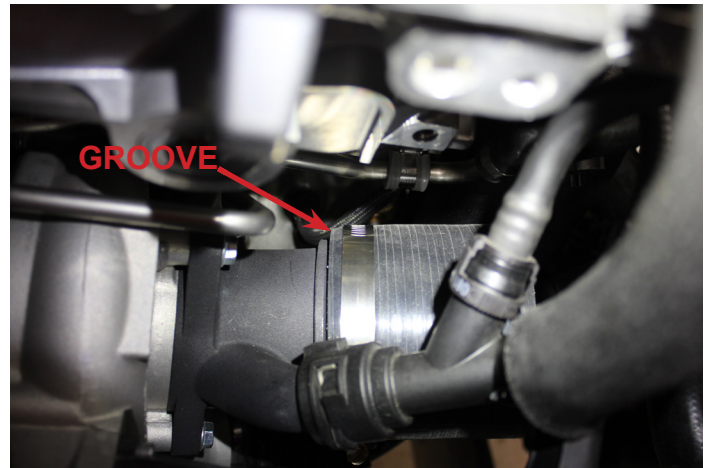
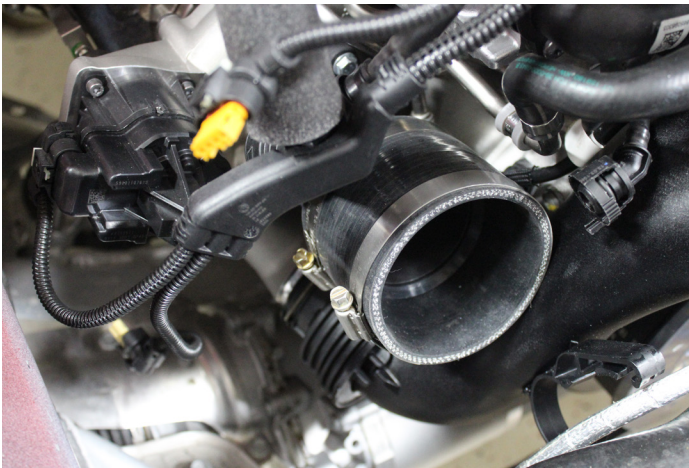




6) Now wiggle the intake tube off the turbo about an inch or so to reveal the crankcase hose connection. Squeeze the connector and pull the line off. Then remove the inlet tube.



7) Locate the silicone coupler and two #52 breeze clamps. Notice one side of the silicone has a groove. Install the silicone and two clamps with groove towards the turbo inlet as shown. Tighten the clamp on the turbo inlet to hold it place.



8) Locate the factory air box lid. Remove the IAT sensor from the air box and install it in the carbon fiber inlet tube with provided hardware. Make sure to NOT reuse the original hardware in the carbon tube.



**9)** Using the carbon fiber intake tube, locate the isolator and air filter. Install the isolator on the pipe with the logo facing the IAT sensor, then install the air filter and tighten the clamp.



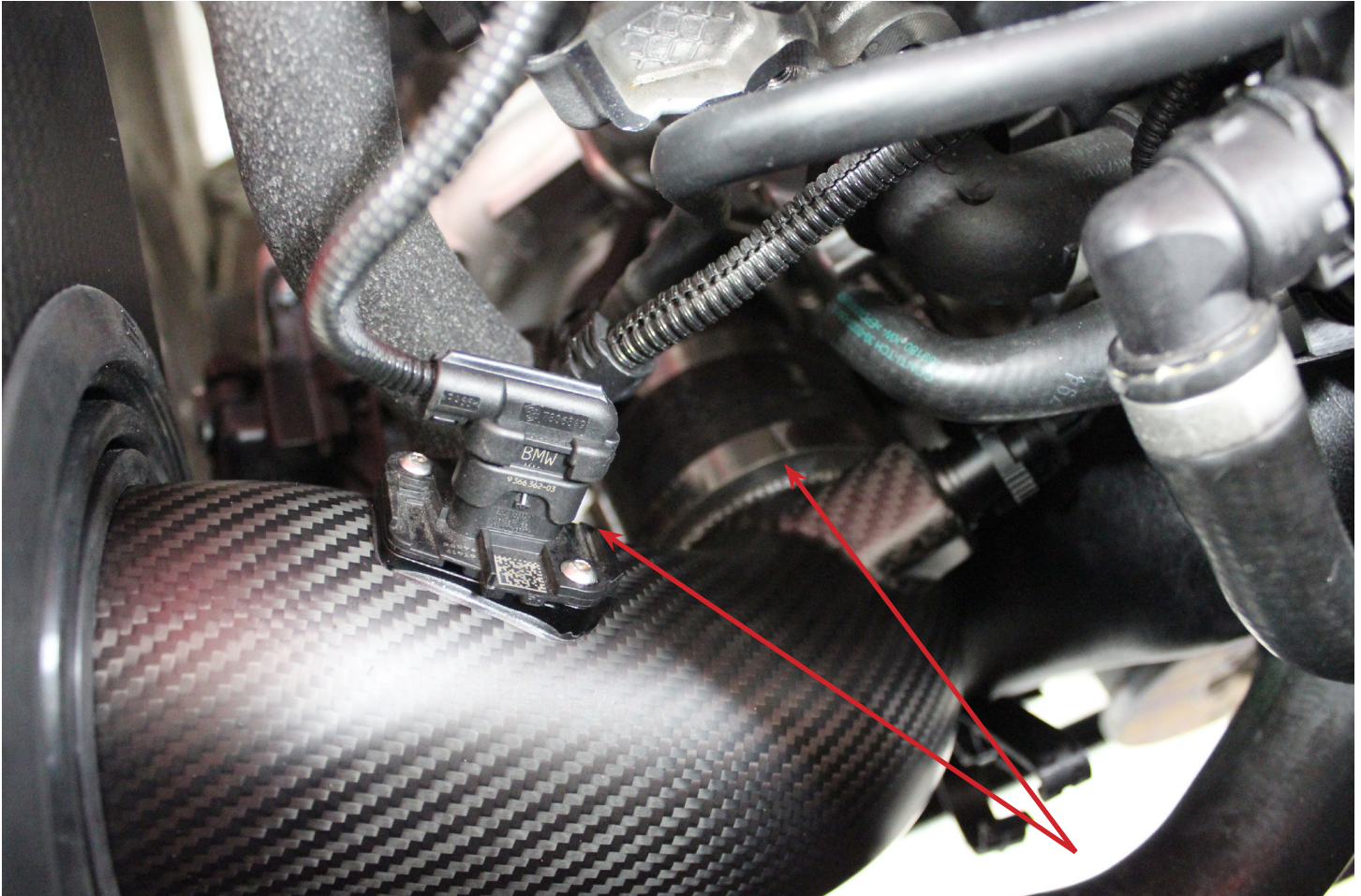
**10)** Now using the carbon air box, carefully slide the filter into the large hole of the air box and slide the isolator around the edge to create a seal as shown.



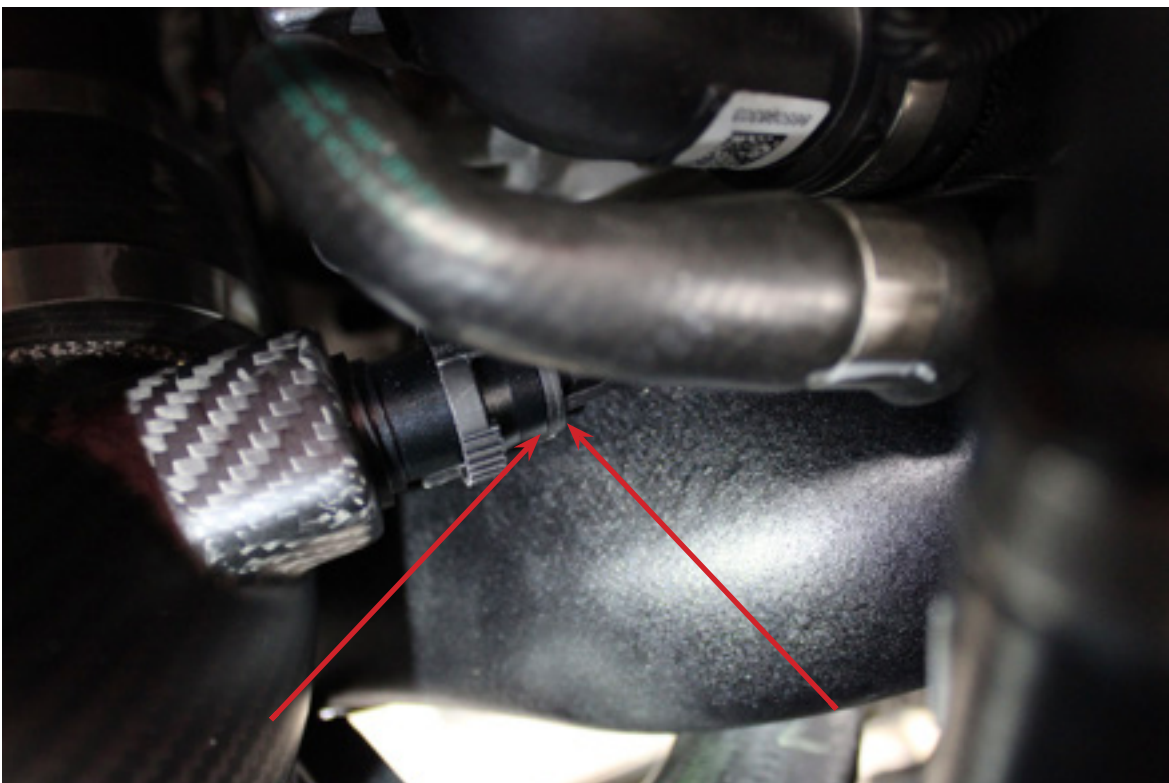
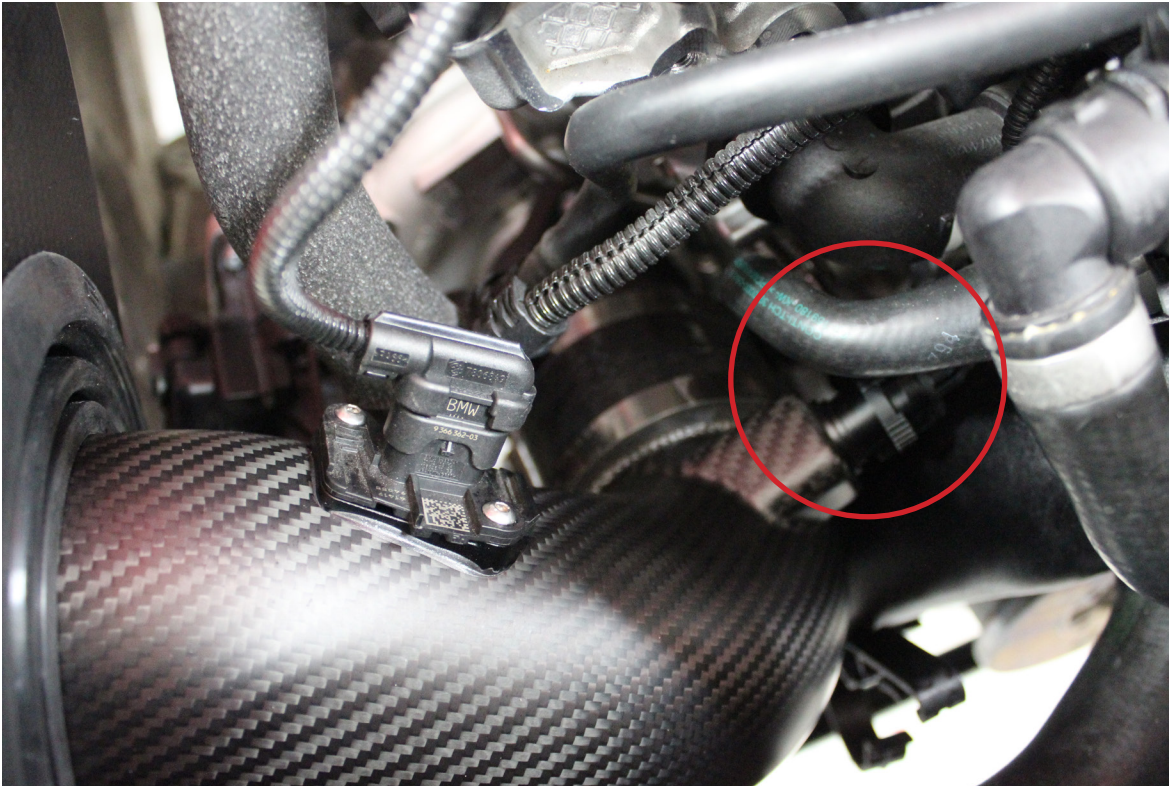
**11)** Carefully install the airbox into the grommets on the car. Then slide the inlet pipe into the inlet silicone coupler. It is a good idea to use a little silicone or grease on the rubber grommets before setting the intake into place.



12) Tighten the last breeze clamp on the silicone coupler to the intake tube. Reconnect the IAT sensor connector.



13) Reconnect the crankcase hose onto the inlet pipe removed in step 6. Make sure it is fully seated.



14) Enjoy your AMS Carbon Fiber Intake!

**Adjustments:** All the mounting brackets and pins have been preinstalled on the Carbon Intake box. If any adjustments on these mounting locations need to be made, loosen the hardware and adjust as necessary. The Carbon Intake box was designed with having a little adjustment in mounting hardware in case of vehicle inconsistencies.







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