

AMS

PERFORMANCE



MKVII CARBON FIBER INTAKE
INSTALLATION INSTRUCTIONS



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.

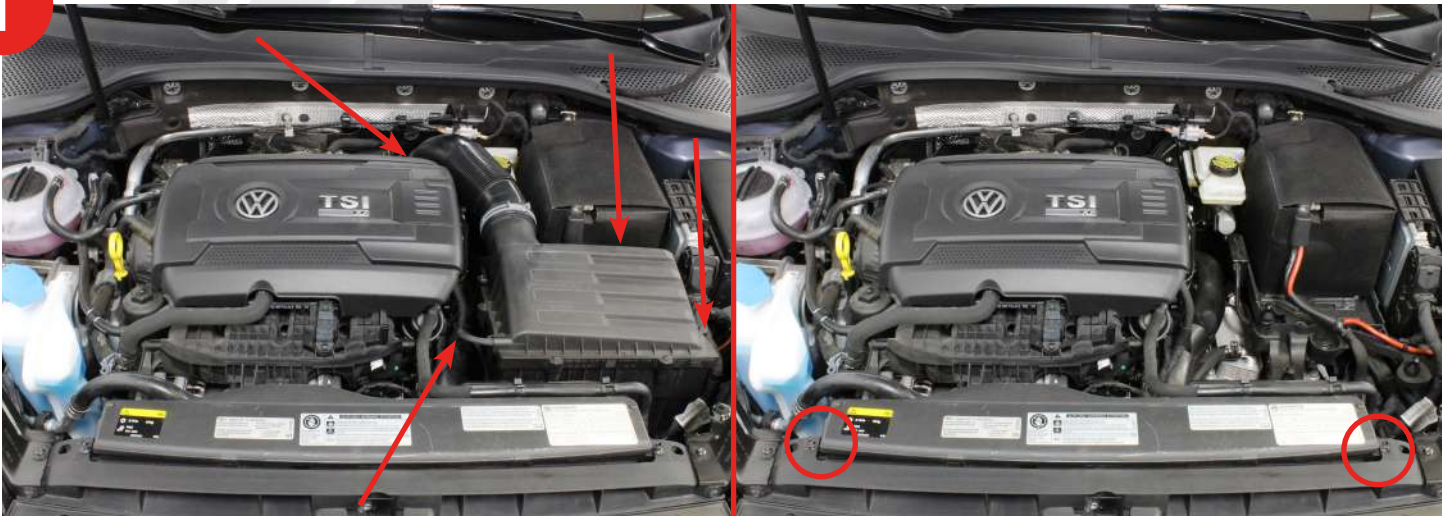
If you have any questions or issues at any time during the installation of your AMS Performance product(s) please call us for technical assistance. The AMS Performance tech line can be reached during business hours at 847-709-0530 for AMS and Alpha Performance products only.

AMS Golf-R MK7 Carbon Intake Install

1. Start by removing the factory air box.
 - a. Loosen the 7mm hose clamp on the turbo inlet and disconnect it.
 - b. Disconnect the small vent hose on the side of the air box from the intake manifold. This hose will not be reused.
 - c. Use a little bit of silicone spray on the visible grommets holding the air box in place. This will aid in removal.
 - d. Pull the air box upwards while wiggling it back and forth to get the grommets to unseat. This can be difficult on older vehicles. Use more silicone spray as necessary.
 - e. Once the air box is out of the way, remove the two T25 Torx screws holding the front scoop in place to the core support. Remove the air scoop.

Note: The front air box scoop has some important information on it such as A/C system fill information. Take notes of this information as it will be important for future service or for installing the AMS Golf R MK7 Intercooler!

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2. On the bottom of the AMS Carbon Intake, there is a preinstall drain port. Locate the 12” long 8mm silicone hose and zip tie. Install the hose and secure it with the zip tie.

Note: This hose is the drain for the air box and should be checked for debris during every service. In extreme cases, failure to do so could cause the air box to fill with water while driving in the rain.

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3. Install the carbon intake.
 - a. Make sure to route the lower drain hose along the transmission passed the started.
 - b. Route the factory coolant hose under the carbon intake.
 - c. When installing the intake into the front core support, you will need to make sure the edge aligns into the core support by working them in with your hand from the front opening.
 - d. When fully seated, make sure the rear mounting grommet seats as well without pushing the grommet out.
 - e. Locate and install the two M6 x 16mm stainless button head bolts with black plastic washers to secure the carbon intake. Adjust as necessary before tightening.

Note: If you plan on replacing or rerouting the coolant hose that has been set under the intake manifold, you will need to pull the check valve from the hose. There is a one way check valve near to the radiator that need to remain in place.

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4. Locate the intake tube, isolator grommet, filter, and 18" 3mm silicone hose. Assemble as shown below.

- a. Install the 3mm hose onto the preinstalled port in the intake tube.
- b. Slide the grommet over the tube with the AMS logo facing away from the filter.
- c. Last install the air filter making note of the torque spec listed below!

Caution: Hose clamp torque on any Carbon part is 20 in-lbs (2.25 N-m). Failure to follow the recommended torque spec can cause damage to the carbon and is not covered under any warranty of any type!

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5. Locate the install the 2-3/4" to 3" silicone coupler along with the #44 and #48 hose clamps onto the turbo inlet. Leave everything loose so the intake tube can be installed.

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6. Slide the intake tube in place. Make sure the isolator grommet is fully inserted into the carbon air box. Failure to make sure the isolator is fully inserted could result in the isolator pulling out of the air box. The intake tube will sit further into the air box to allow the engine to rotate backwards giving the isolator more movement in the outwards direction. Once everything is adjusted properly tighten the hose clamps taking note of the torque spec listed below.

Caution: Hose clamp torque on any Carbon part is 20 in-lbs (2.25 N-m). Failure to follow the recommended torque spec can cause damage to the carbon and is not covered under any warranty of any type!

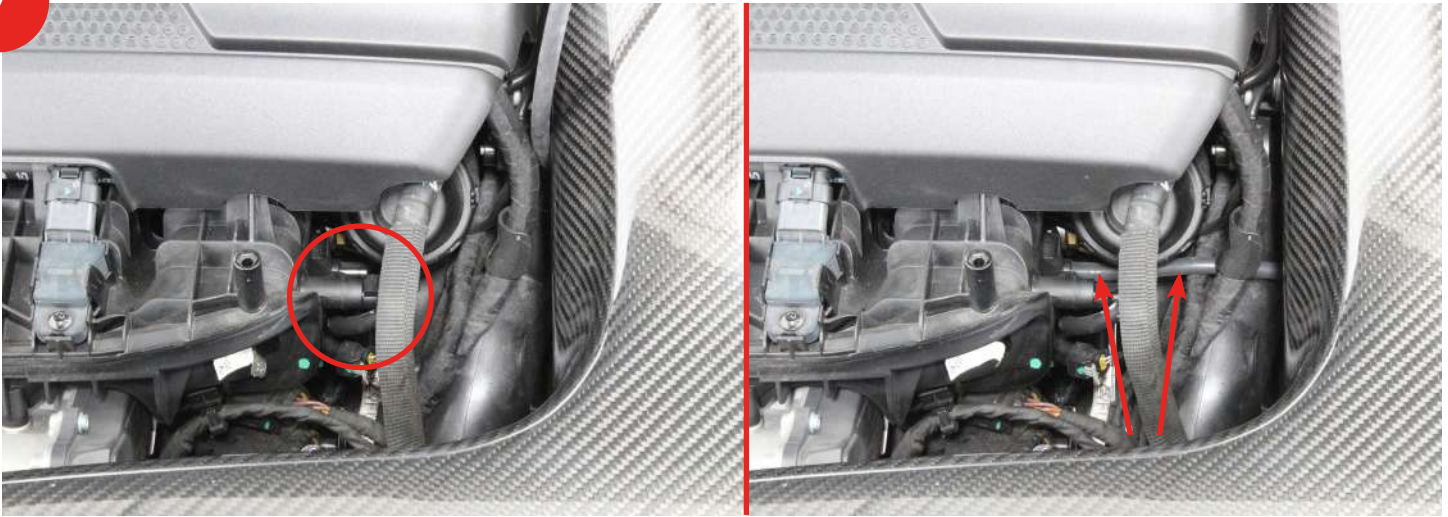
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7. Route the 3mm silicone hose attached to the carbon intake tube to the intake manifold where the factory hose to the air box was removed. This area is a little tight, needle nose pliers maybe used to aid installation.

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8. Enjoy!

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