



VW MK7 Carbon Fiber Turbo Inlet Tube Installation Instructions



**Skill Level 1 -
Easy**
**Basic Skills
Required**



Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

INTRODUCTION

The Project:

Today we are going to install our ECS Tuning Carbon Fiber Turbo Inlet Tube. This tube is an easy way to clean up the engine bay's appearance with a sleek carbon fiber finish that gives your engine a custom look. We include two different types of couplers to accommodate both stock and aftermarket intake setups, so whether your vehicle is bone-stock, features an ECS Tuning Luft-Technik Intake, or anything in between, you're covered! Installation requires only a few basic hand tools, and we include all new band clamps to make installation quick and easy!

Installation should take less than an hour to complete so take your time and enjoy the project! Be sure to read these instructions completely before you begin and don't hesitate to refer back as needed. We appreciate your choice of ECS Tuning, we strive to provide the highest quality products and services for all your performance and repair needs!

REQUIRED TOOLS

For this installation we only need a few simple tools:

- 7mm Socket & Ratchet
- Locking Hose Clamps Pliers [ES#2702616](#)
- Flat Head Screwdriver



TABLE OF CONTENTS

Installation and Safety Information	pg.3
Project Overview	pg.4
Installing the Carbon Fiber Inlet Tube	pg.5
Schwaben Tools	pg.9

INSTALLATION NOTES

- **RH** refers to the *passenger side* of the vehicle.
- **LH** refers to the *driver side* of the vehicle.
- Always use the proper torque specifications.
- If applicable to this installation, torque specifications will be listed throughout the document and at the end as well.
- Please read all of these instructions and familiarize yourself with the complete process **BEFORE** you begin.

GENERAL PREPARATION AND SAFETY INFORMATION

ECS Tuning cares about your health and safety, please read the following safety information. This information pertains to automotive service in general, and while it may not pertain to every job you do, please remember and share these important safety tips.

- Park your car in a safe, well lit, level area.
- Shut the engine off and remove the key from the ignition switch.
- Make sure any remote start devices are properly disabled.
- **ALWAYS** wear safety glasses.
- Make sure the parking brake is applied until the vehicle is safely lifted and supported.
- Whether lifting a vehicle using an automotive lift or a hydraulic jack, be sure and utilize the factory specified lift points.
- Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.
- **ALWAYS** support the vehicle with jack stands.
- **ALWAYS** read and follow all safety information and warnings for the equipment you are using.

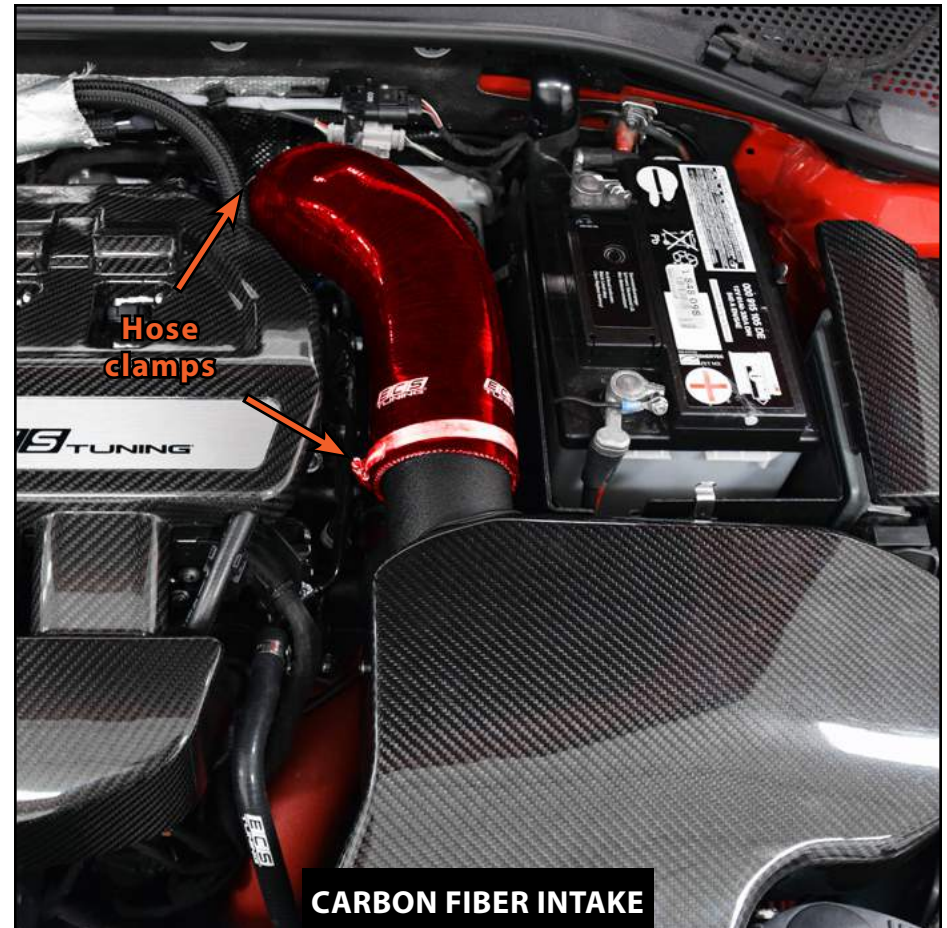
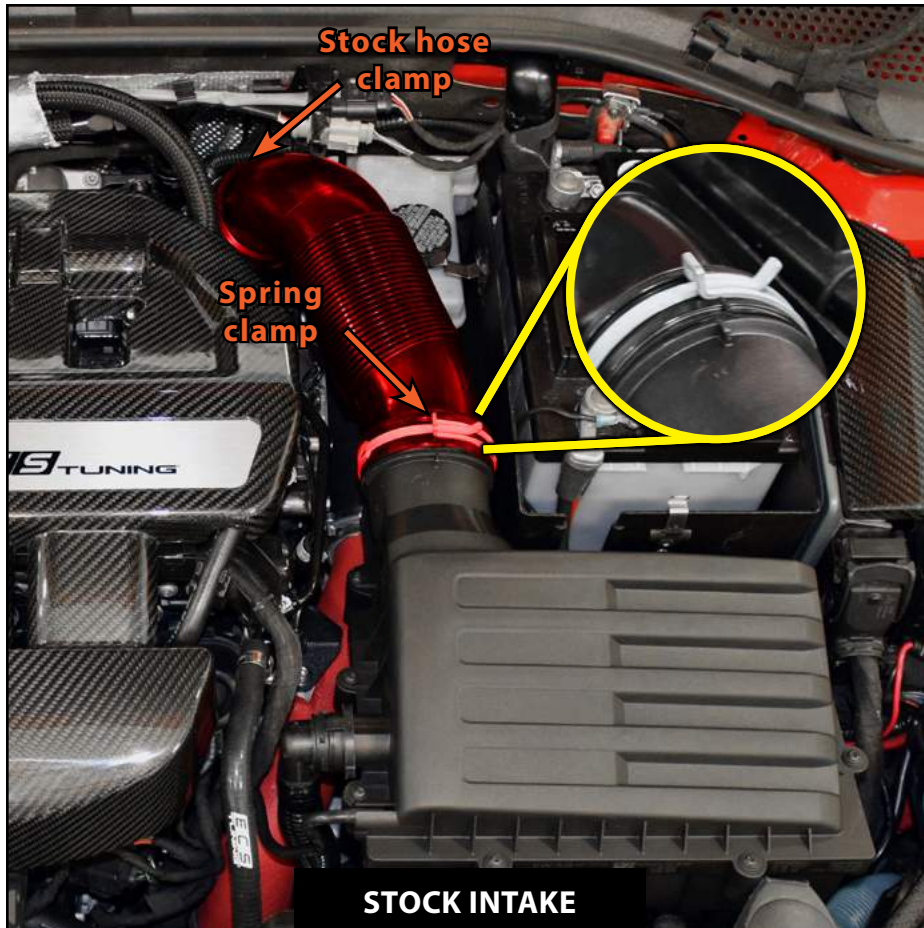


NEVER get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.

PROJECT OVERVIEW

The photos below give an overview of the project by highlighting the parts we will be removing in **RED**. In order to remove the hose we must first loosen the hose clamps securing them in place. Note that these clamps may be different depending on your current intake setup. Once the old hose has been removed, we will install flexible silicone couplers and the new pipe and secure everything with the provided hose clamps.

We are showing this installation being performed on a stock intake, however the process for installation on an aftermarket intake will be the same.



INSTALLING THE CARBON FIBER TURBO INLET TUBE

Step 1: Hose Clamp Pliers

Use locking hose clamp pliers (Available for purchase from our website [HERE](#)) to release the tension on the front hose clamp and remove the front end of the turbo inlet duct.



If you do not own a pair of locking hose clamp pliers, a pair of slip joint or locking pliers will work in their place.



Step 2: 7mm Socket and Ratchet

Loosen and remove the hose clamp at the rear of the inlet duct using a 7mm socket and ratchet.



INSTALLING THE CARBON FIBER TURBO INLET TUBE

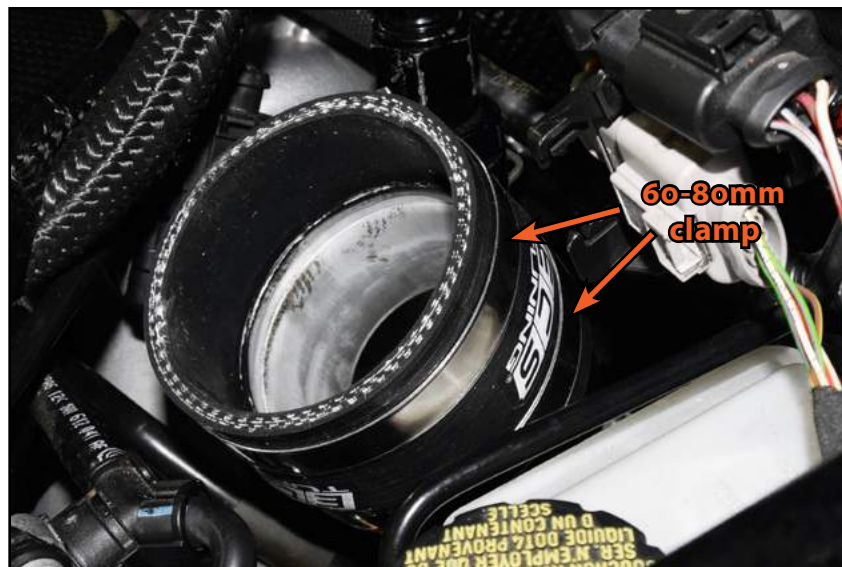
Step 3:

Pull up on the turbo inlet duct and remove it from the vehicle.



Step 4: 7mm Socket and Ratchet

Install the smaller silicone coupler onto the turbo inlet, then slide one of the 60-80mm clamps over the end and tighten it until it is snug. Slide the other 60-80mm clamp onto the coupler, but leave it loose at this time.



INSTALLING THE CARBON FIBER TURBO INLET TUBE

Step 5: 7mm Socket and Ratchet

There are two different couplers which are included with the kit:

- Install the flex coupler on vehicles where the intake system is mounted to the chassis, such as the stock airbox.
- The straight silicone coupler is used on vehicles where the intake pipe is hard mounted to the engine, such as our Luft-Technik Intake.

Select the proper coupler for your vehicle, slide it onto the end of the carbon fiber tube and place both 70-90mm clamps onto the coupler, but leave them loose.



Step 6: 7mm Socket and Ratchet

Insert the carbon fiber tube into the turbo inlet coupler. Connect the front coupler to the airbox, then proceed to step 7.



INSTALLING THE CARBON FIBER TURBO INLET TUBE

Step 7:

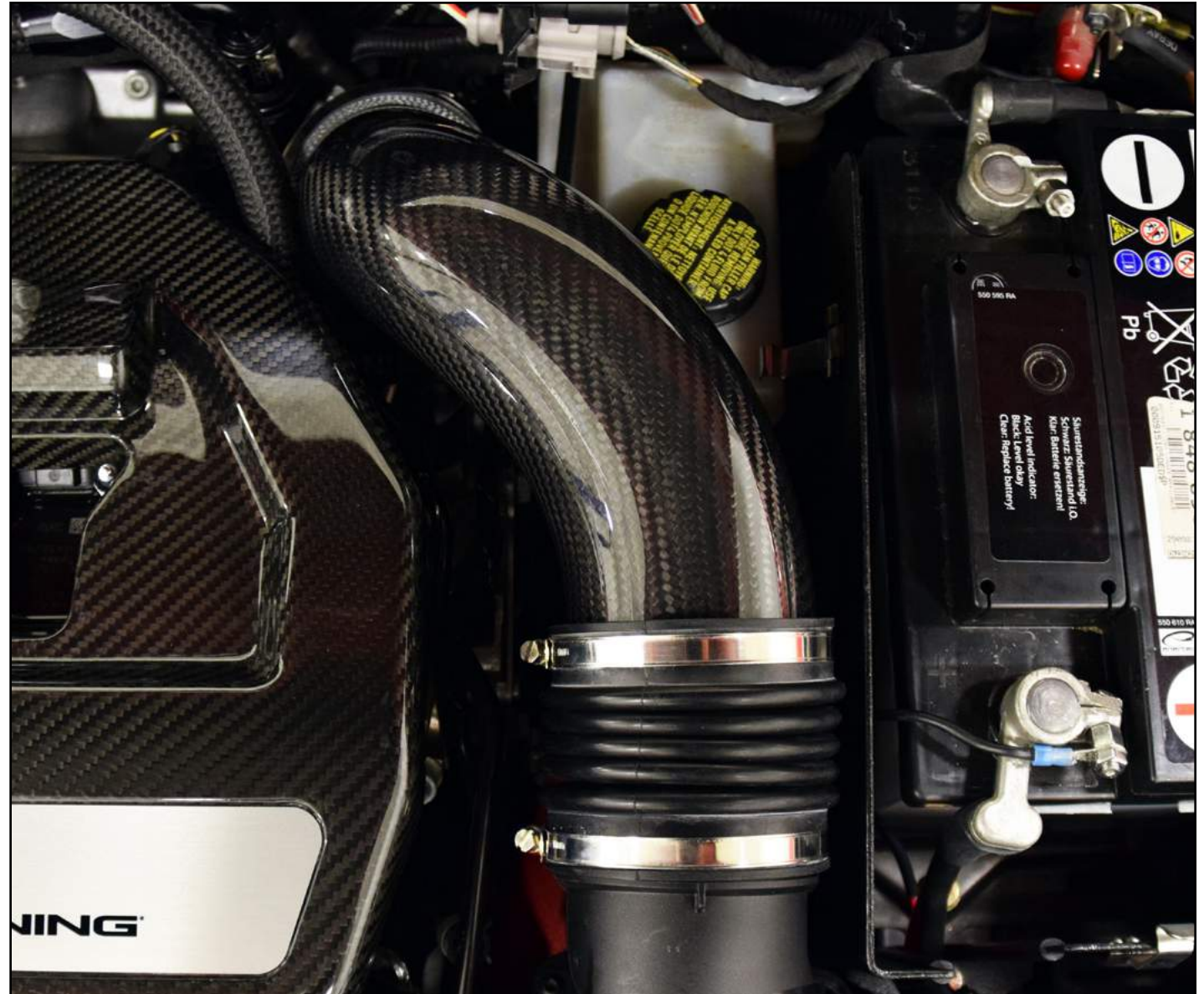
Check for proper orientation and clearance around all of the connections, then fully secure all band clamps to ensure a tightly sealed connection. Do not overtighten the clamps, this can cause the carbon fiber to crack.

Check out our Carbon Fiber Cleaning and Care Kit, available at ecstuning.com!

[ES#2914954](http://ecstuning.com)



Your Carbon Fiber Turbo Inlet Tube installation is complete!



SCHWABEN - BUILD THE ULTIMATE TOOL COLLECTION

At ECS Tuning, we carry a line of high quality Schwaben Tools and Equipment to help you build your ultimate tool collection. Never before has affordability and quality been so closely related. Our entire Schwaben line is subjected to strict in house testing for strength and durability. See what we have to offer and equip your garage without breaking the bank.



Your VW MK7 Carbon Fiber Turbo Inlet Tube installation is complete!



These instructions are provided as a courtesy by ECS Tuning

Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

Although this material has been prepared with the intent to provide reliable information, no warranty (express or implied) is made as to its accuracy or completeness. Neither is any liability assumed for loss or damage resulting from reliance on this material. SPECIFICALLY, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER WARRANTY IS MADE OR TO BE IMPLIED WITH RESPECT TO THIS MATERIAL. In no event will ECS Tuning, Incorporated or its affiliates be liable for any damages, direct or indirect, consequential or compensatory, arising out of the use of this material.