



## Audi B6/B7 S4 Luft-Technik Intake System Installation Instructions - [Click HERE to shop](#)



**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.

## TABLE OF CONTENTS

Kit Contents .....	<a href="#">pg.3</a>
Required Tools and Equipment .....	<a href="#">pg.4</a>
Installation and Safety Information .....	<a href="#">pg.5</a>
Removing the Stock Intake System .....	<a href="#">pg.6</a>
Installing the New Intake System .....	<a href="#">pg.10</a>

## KIT CONTENTS



Heat Shield



Air Filter Adapter



Air Filter



Silicone Coupler PKG



Barbed Fitting



20" Cut to length Bulb Seal



Breather Filter

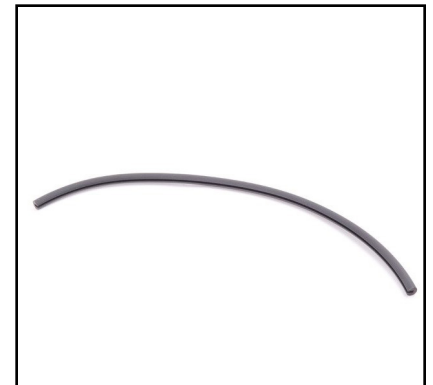


SAI Adapter



X2

M6 x 12mm Black Oxide Screws



12" Cut to Length Edge Trim

## REQUIRED TOOLS

Note: The tools required for each step will be listed by the step number throughout these instructions.

### Standard Automotive Tools

- Protecta-Sockets (for lug nuts)..... [ES#2221243](#)
- 3/8" Drive Ratchet..... [ES#2765902](#)
- 3/8" Drive Torque Wrench..... [ES#2221245](#)
- 3/8" Drive Deep and Shallow Sockets..... [ES#2763772](#)
- 3/8" Drive Extensions ..... [ES#2804822](#)
- Hydraulic Floor Jack ..... [ES#2834951](#)
- **Torx Drivers and Sockets** ..... [ES#11417/8](#)
- 1/2" Drive Deep and Shallow Sockets..... [ES#2839106](#)
- 1/2" Drive Ratchet
- 1/2" Drive Extensions
- 1/2" Drive Torque Wrench..... [ES#2221244](#)
- 1/2" Drive Breaker Bar ..... [ES#2776653](#)
- Bench Mounted Vise
- Crows Foot Wrenches
- **Hook and Pick Tool Set**..... [ES#2778980](#)

### Required For This Install

### Available On Our Website

- **1/4" Drive Ratchet**..... [ES#2823235](#)
- **1/4" Drive Deep and Shallow Sockets**..... [ES#2823235](#)
- **1/4" Drive Extensions**..... [ES#2823235](#)
- **Plier and Cutter Set**..... [ES#2804496](#)
- **Flat and Phillips Screwdrivers** ..... [ES#2225921](#)
- Jack Stands..... [ES#2763355](#)
- Ball Pein Hammers
- Pry Bar Set..... [ES#1899378](#)
- Electric/Cordless Drill
- Wire Strippers/Crimpers
- Drill Bits
- Punch and Chisel Set
- **Hex Bit (Allen) Wrenches and Sockets** ..... [ES#11420](#)
- Thread Repair Tools ..... [ES#1306824](#)
- Open/Boxed End Wrench Set ..... [ES#2765907](#)



## 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.

## REMOVING THE STOCK INTAKE SYSTEM

### Step 1:

Gently lift up on the rear engine cover to free it from its mounting grommets and remove it from the vehicle.



### Step 2: T20 Torx Socket & Ratchet

Remove the two screws (arrows) that secure the air scoop to the core support, then pull up on the intake duct (highlighted in **RED**) where it connects to the airbox and remove them from the vehicle.



## REMOVING THE STOCK INTAKE SYSTEM

### Step 3:

Disconnect the mass air flow sensor (MAF) connector (highlighted in **RED**).



### Step 4: T30 Torx Socket & Ratchet

Unclip the hose (highlighted in **RED**) from the airbox, then remove the screws (arrows) that secure the MAF to the airbox.





## REMOVING THE STOCK INTAKE SYSTEM

### Step 5: 7mm Socket & Ratchet

Disconnect the hose (highlighted in **RED**) from the intake tube. Loosen the clamp (arrow) that secures the intake tube to the throttle body, then remove the intake tube and MAF from the vehicle.



### Step 6:

Depress the retaining tabs and disconnect the secondary air hose (highlighted in **RED**) from the airbox.





## REMOVING THE STOCK INTAKE SYSTEM

### Step 7:

Pull up on the air box assembly to free it from the lower mounting grommets, then remove it from the vehicle.



### Step 8: 7mm Socket & Ratchet

Loosen the clamp (arrow), then remove the MAF sensor (highlighted in **RED**) from the intake tube.



## INSTALLING THE NEW INTAKE SYSTEM

### Step 1: 7mm Socket & Ratchet

Install the provided barbed fitting (highlighted in **GREEN**) into the throttle body coupler as shown.

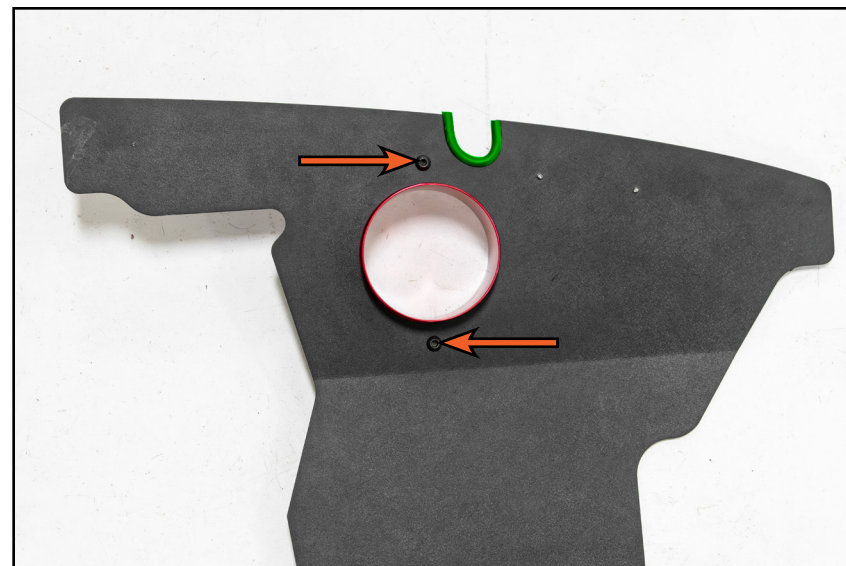
Slide the MAF sensor into the throttle body coupler in the position shown, then tighten the clamp (arrow) until snug.



### Step 2: 4mm Hex (Allen) & Cutting Pliers

Install the provided edge trim (highlighted in **GREEN**) onto the notched section of the heat shield, trimming away any excess length.

Secure the air filter adapter to the heat shield with the provided M6 screws (arrows), then tighten them until snug.



## INSTALLING THE NEW INTAKE SYSTEM

### Step 3: 7mm Socket & Ratchet

Slide the throttle body coupler onto the throttle body in the position shown, then tighten the clamp (arrow) until snug.

Connect the hose (highlighted in **GREEN**) to the barbed fitting ensuring that the hose is fully seated onto the fitting.



### Step 4: 7mm Socket & Ratchet

Slide the coupler onto the MAF sensor in the position shown, then tighten the clamp (arrow) until snug.

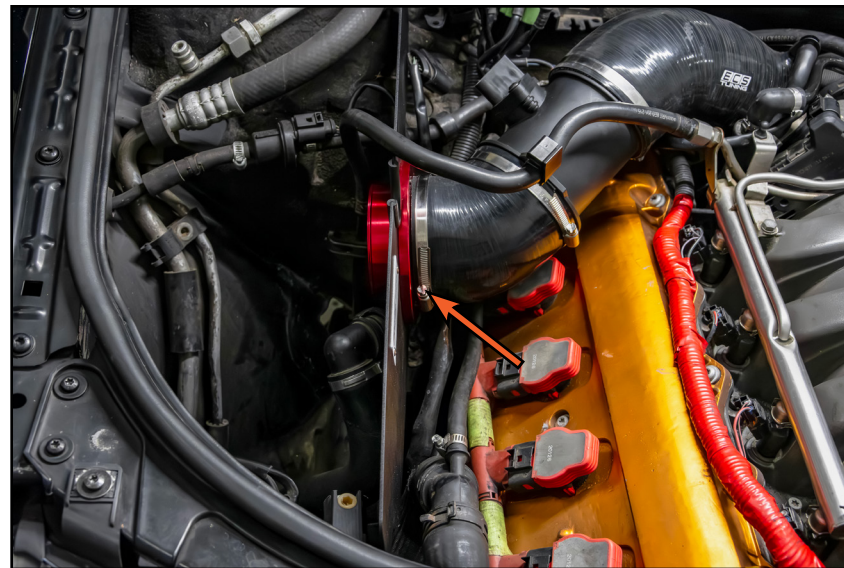




## INSTALLING THE NEW INTAKE SYSTEM

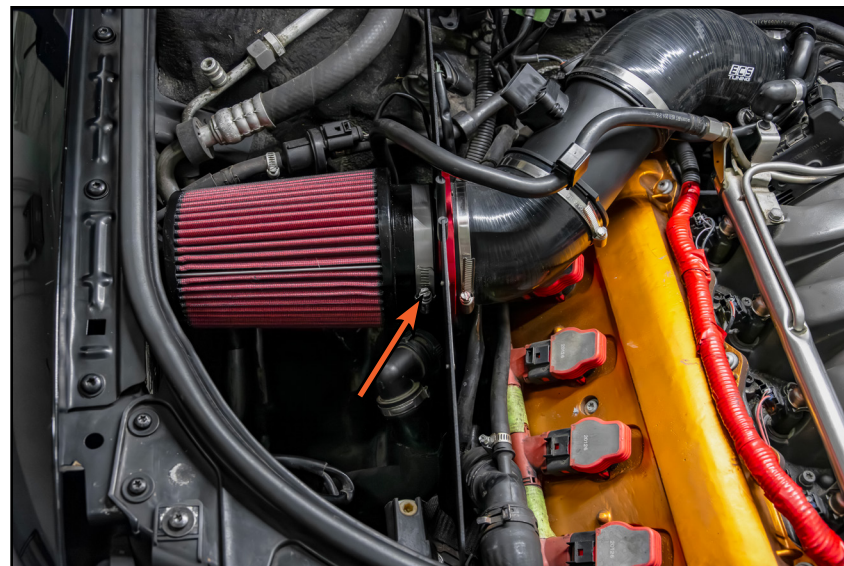
### Step 5: 7mm Socket & Ratchet

Slide the heat shield into place, then slide the silicone coupler onto the air filter adapter, and tighten the clamp (arrow) until snug.



### Step 6: 8mm Socket & Ratchet

Slide the new air filter onto the air filter adapter and tighten the clamp (arrow) until snug.

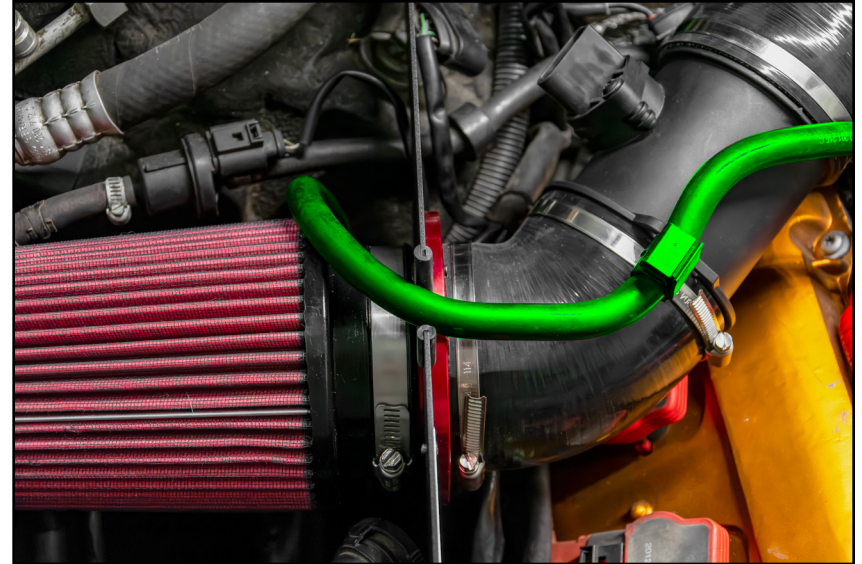




## INSTALLING THE NEW INTAKE SYSTEM

### Step 7:

Route the hose (highlighted in **GREEN**) through the notch at the top of the heat shield.



### Step 8:

Reconnect the connector (highlighted in **GREEN**) to the MAF sensor.



## INSTALLING THE NEW INTAKE SYSTEM

### Step 9: Cutting Pliers

Install the provided bulb seal (highlighted in **GREEN**) onto the top of the heat shield, trimming away any excess length.

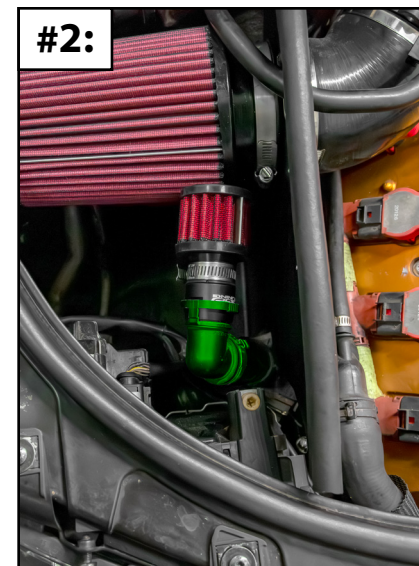


### Step 10: 7mm Socket & Ratchet

Slide the breather filter onto the SAI adapter, then tighten the clamp (arrow in **photo #1**) until snug.

Install the air filter breather and SAI adapter into the secondary air injection hose (highlighted in **GREEN** in **photo #2**).

***Congratulations, your installation is complete!***





## Your Luft-Technik Intake System 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.