

VW MK6 Jetta 1.4T Big Bore Turbo Inlet Pipe Installation Instructions - [ES3988294](#)

Skill Level 1 - Easy



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.

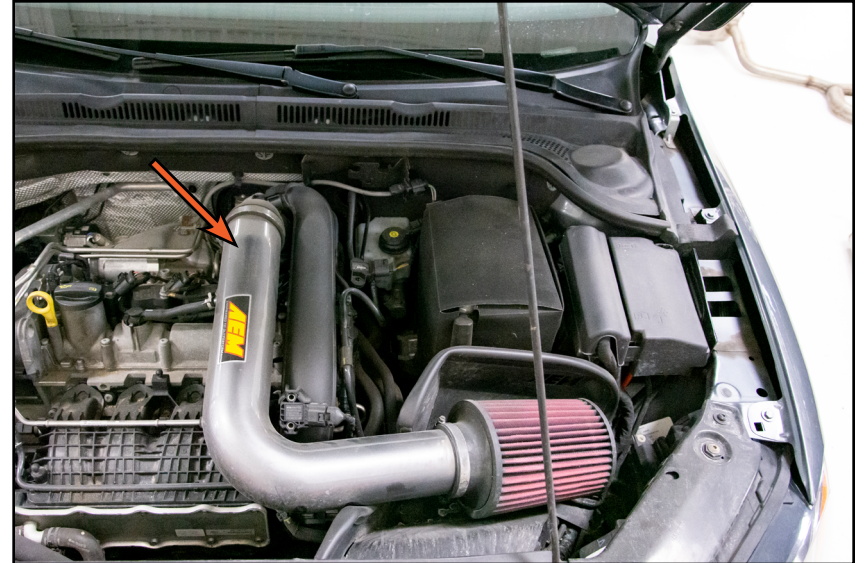


NEVER get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.

REMOVING THE ORIGINAL TURBO INLET PIPE

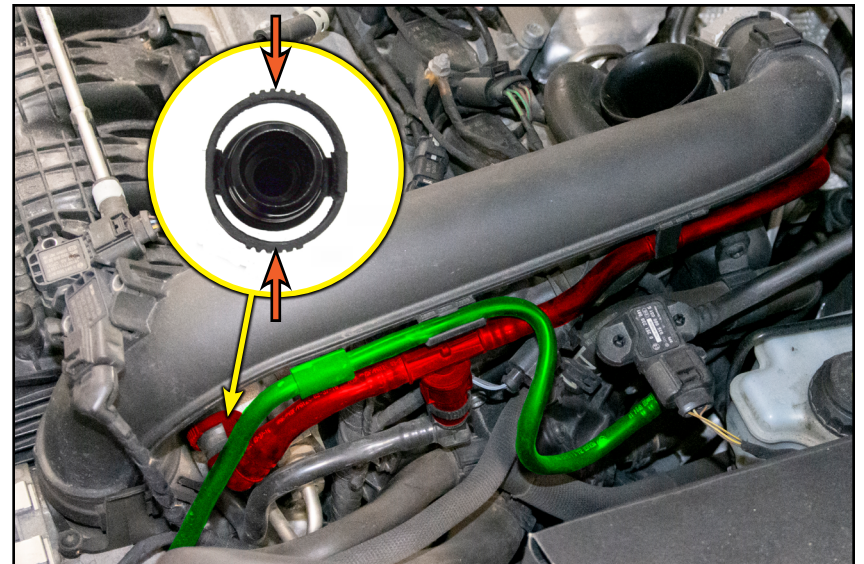
Step 1:

Remove the intake system (arrow) from the plastic turbo inlet pipe.



Step 2:

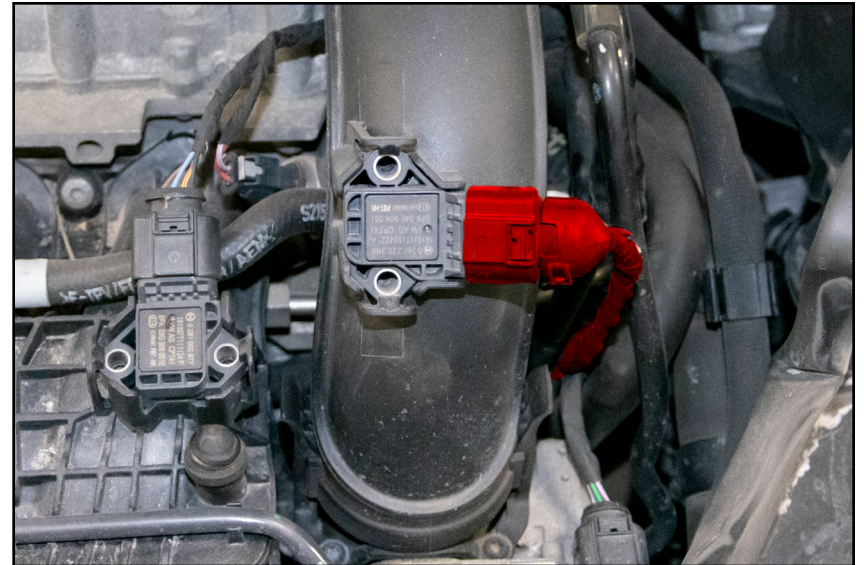
Pull the plastic vacuum line (highlighted in **GREEN**) free from the clip on the side of the charge pipe. Depress the two locking tabs and pull the PCV connector (inset photo) free from the charge pipe, then pull the PCV line (highlighted in **RED**) free from the clips on the underside of the charge pipe.



REMOVING THE ORIGINAL TURBO INLET PIPE

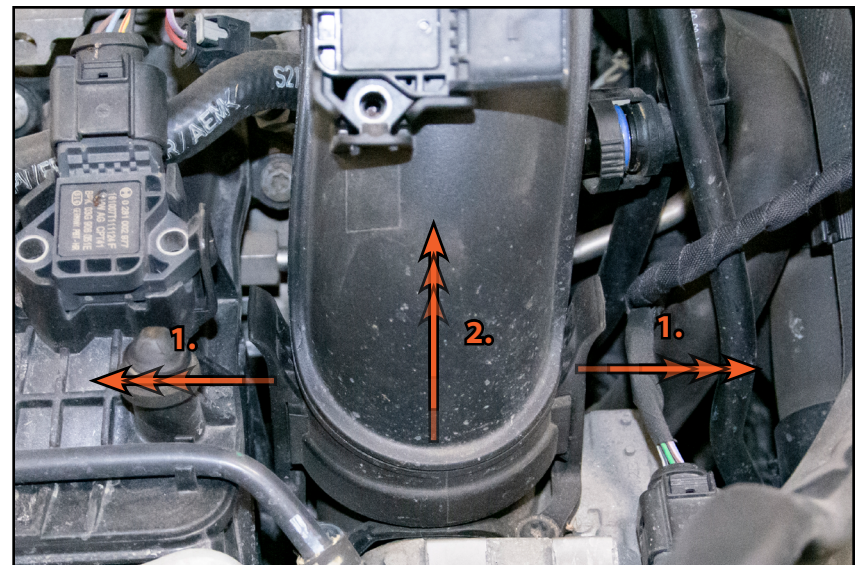
Step 3:

Depress the locking tab and pull the MAP sensor connector (highlighted in **RED**) free from the charge pipe.



Step 4:

To remove the charge pipe from the throttle body you have to pull the two plastic locking tabs outward as you pull up on the charge pipe.



REMOVING THE ORIGINAL TURBO INLET PIPE

Step 5:

To remove the charge pipe from the turbo outlet you have to pull the two plastic locking tabs outward as you pull the charge pipe free.



Step 6:

Depress the two locking tabs and pull the lower connector (highlighted in **RED**) free from the PCV line. Free the coolant hose up from the plastic clip on the turbo inlet (arrow).



REMOVING THE ORIGINAL TURBO INLET PIPE

Step 7: T30 Torx Socket, Extension & Ratchet

The two captive screws which secure the turbo inlet to the turbo are difficult to see, much less remove. We found that a 1/4" T30 Torx socket and a long extension can be used to reach the screws from over near the battery. Once both screws are fully loosened you can remove the turbo inlet and PCV line free from the engine bay.



Step 8: Razer Blade

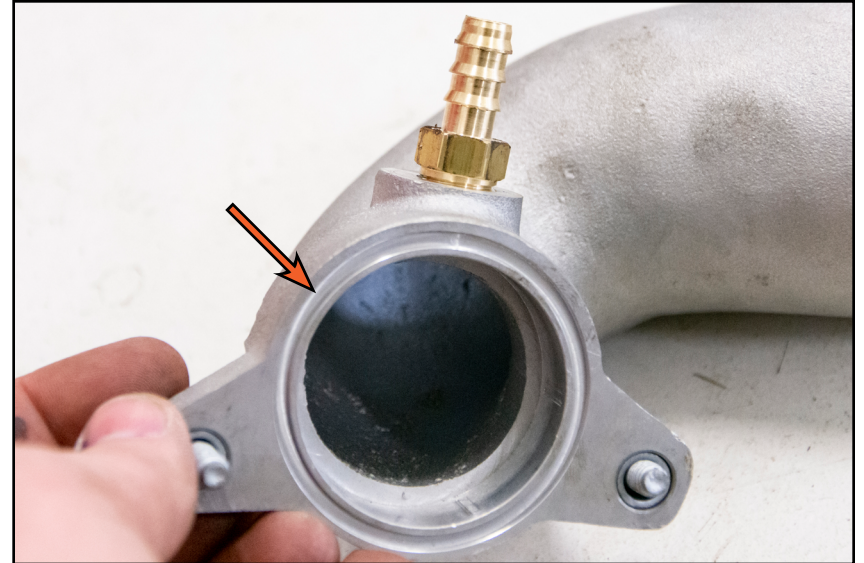
Carefully cut the **RED** highlighted portion of the line off of the rest of the PCV line.



INSTALLING THE NEW TURBO INLET PIPE

Step 1:

Install the provided o-ring into the groove (arrow) in the new turbo inlet pipe.



Step 2: T30 Torx Socket, Extension & Torque Wrench

Install the new turbo inlet onto the turbo and tighten the screws to 10 Nm (7 Ft-lbs).



INSTALLING THE NEW TURBO INLET PIPE

Step 3: 7mm Socket & Ratchet - OR - Flat Head Screwdriver

Reinstall the plastic PCV line into the lower connector we removed it from, then install the new silicone PCV hose between the PCV line and the barbed fitting on the turbo inlet. Tighten the clamps (arrows) until snug.



Step 4:

Reinstall the charge pipe (arrow) between the throttle body and the turbo, making sure the plastic tabs “snap” back into place.



INSTALLING THE NEW TURBO INLET PIPE

Step 5:

Reconnect the PCV connector (highlighted in **GREEN**) onto the flange on the charge pipe.



Step 6:

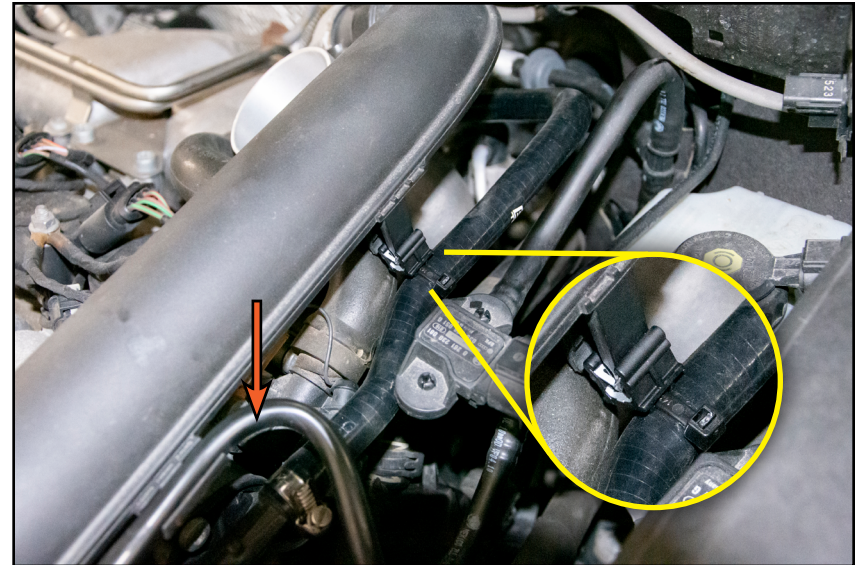
Reconnect the MAP sensor connector (highlighted in **GREEN**).



INSTALLING THE NEW TURBO INLET PIPE

Step 7:

Pop the plastic vacuum line (arrow) back into the clip on the side of the charge pipe and use the provided cable tie to secure the new silicone PCV hose (inset photo) to the clip on the underside of the charge pipe.



Step 8:

Reinstall the intake system to the turbo inlet pipe.

Congratulations, your installation is complete!



Your Turbo Inlet Pipe 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.

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