



## Audi C7 4.0T Turbo Inlet Pipes 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.

## 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 TURBO INLET PIPES

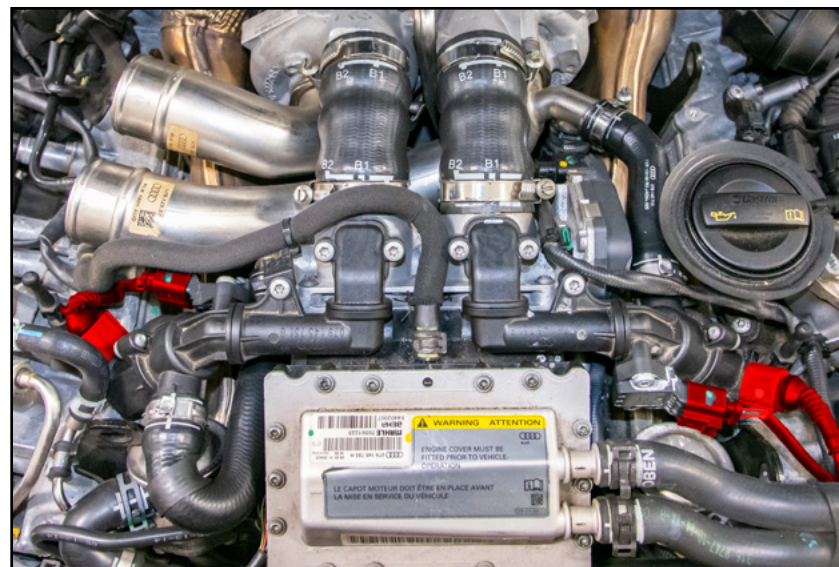
**Step 1:** 7mm Socket & Ratchet - OR - Flat Head Screwdriver

Remove the engine cover, then loosen the clamps and remove the two intake hoses (arrows) from between the intake and the turbo inlets.



**Step 2:** Angled Pick

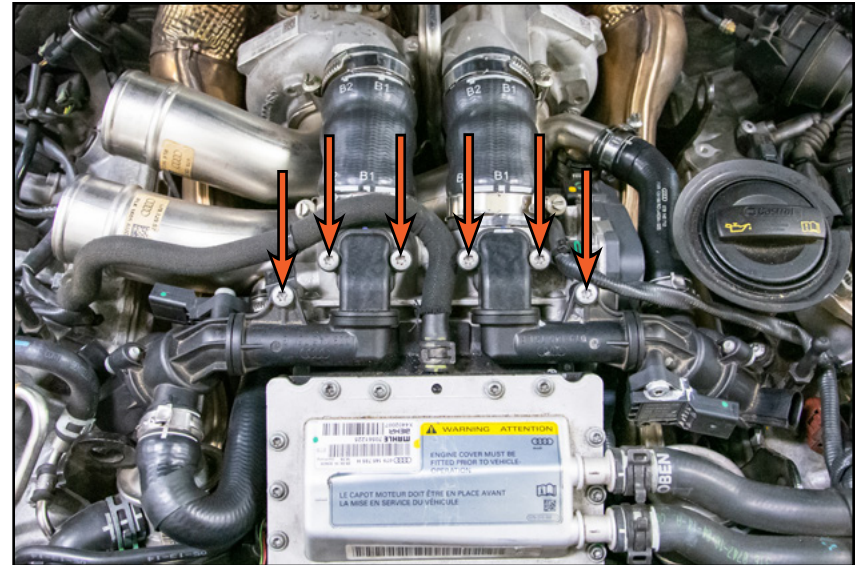
Disconnect the four connectors (highlighted in **RED**) located on the diverter valves.



## REMOVING THE STOCK TURBO INLET PIPES

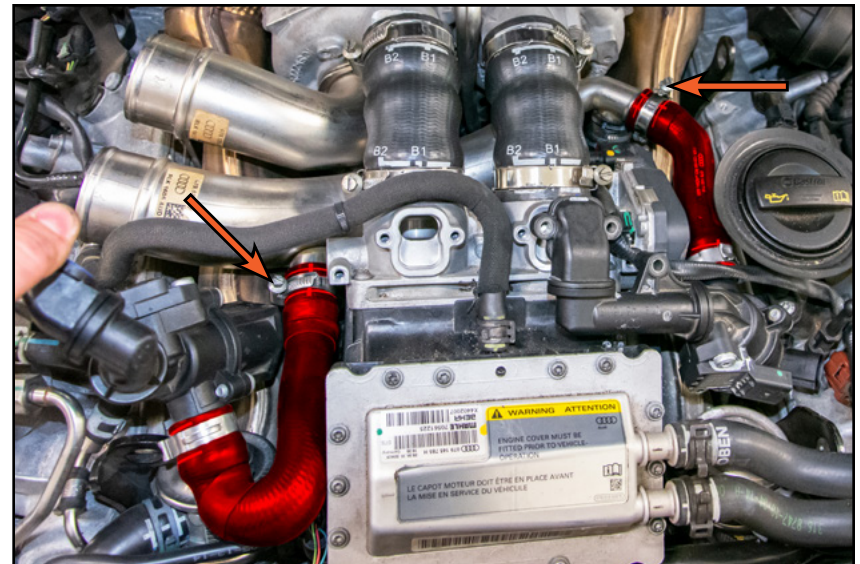
### Step 3: T30 Torx

Remove the six screws (arrows) which secure the diverter valve assemblies to the throttle body assembly.



### Step 4: 7mm Socket -OR- Flat Head Screwdriver

Loosen the clamps (arrows) which secure the diverter valve hoses (highlighted in **RED**) to the turbo inlets, then remove the diverter valve assemblies.

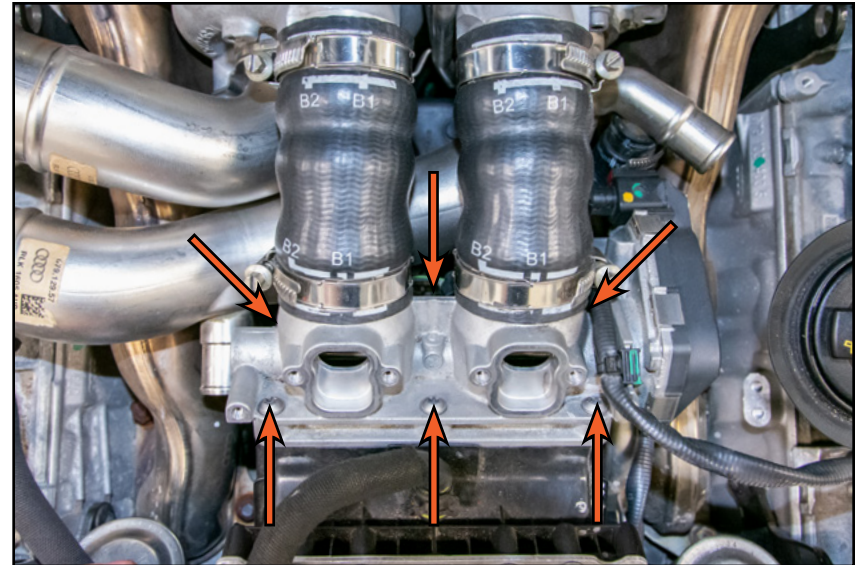




## REMOVING THE STOCK TURBO INLET PIPES

### Step 5: T30 Torx

Remove the six screws (arrows) which secure the throttle body assembly to the intercooler.



### Step 6: 7mm Socket -OR- Flat Head Screwdriver

Loosen the two clamps (arrows) which secure the throttle body couplers to the turbos, then carefully rotate the throttle body assembly off the intercooler as shown.



## REMOVING THE STOCK TURBO INLET PIPES

### Step 7:

Disconnect the three connectors (highlighted in **RED**) from the underside of the throttle body assembly.



### Step 8: 7mm Socket -OR- Flat Head Screwdriver

Loosen the clamp (arrow) and pull the PCV hose (highlighted in **RED**) off of the turbo inlet pipe.

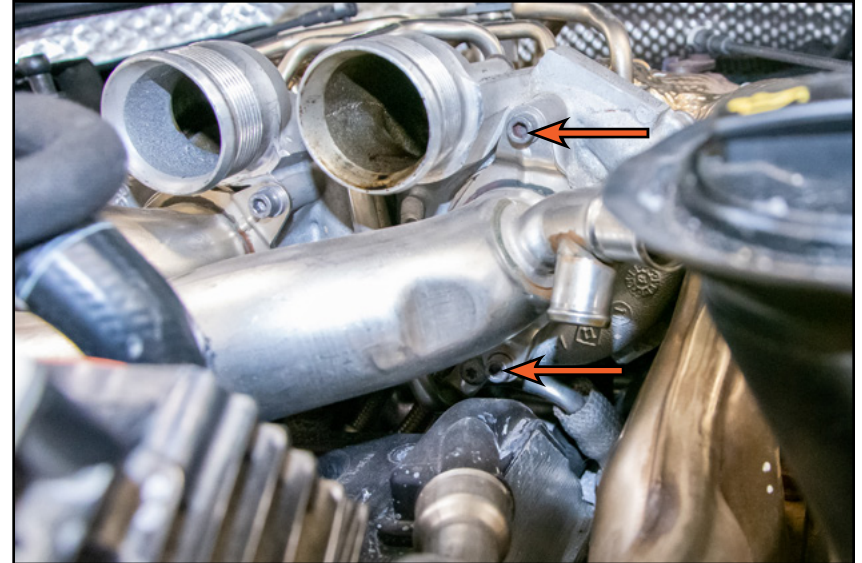




## REMOVING THE STOCK TURBO INLET PIPES

### Step 9: 5mm Hex (Allen)

Remove the two bolts (arrows) and pull the LH turbo inlet pipe out of the turbo.



### Step 10: 5mm Hex (Allen)

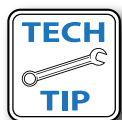
Remove the two bolts (arrows) and pull the RH turbo inlet pipe out of the turbo.



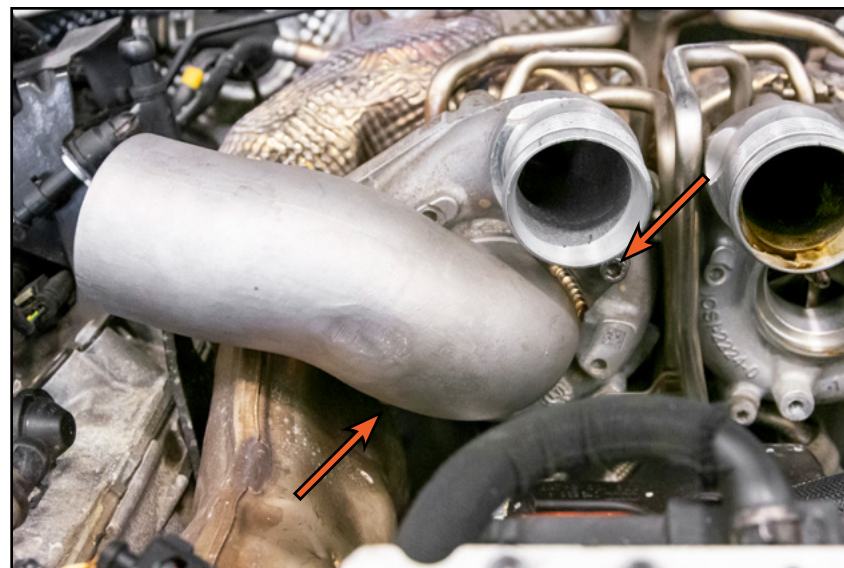
## INSTALLING THE NEW TURBO INLET PIPES

### Step 1: 5mm Hex (Allen)

Ensure the provided o-ring is properly seated in the groove of each turbo inlet. Install the new RH turbo inlet pipe into the turbo, then reinstall the two bolts (arrows) and torque them to 9 Nm (7 Ft-lbs).

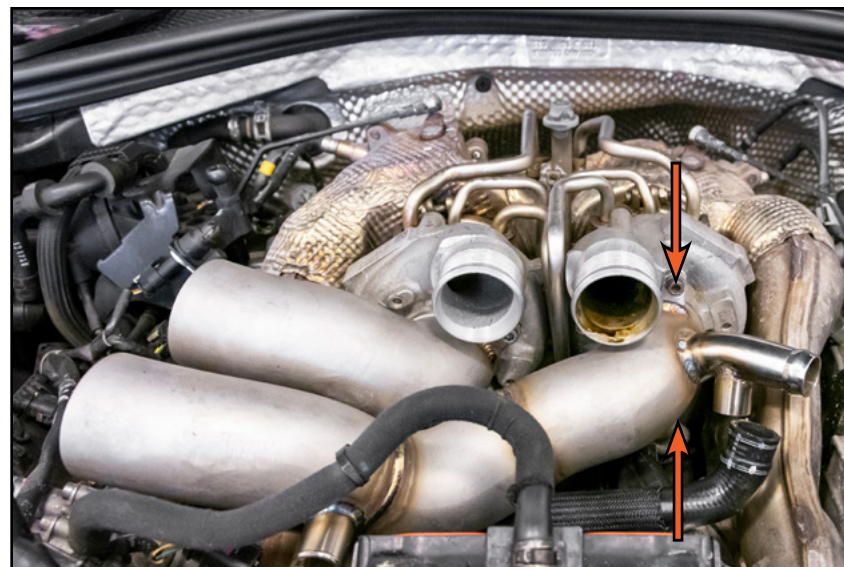


Coating the new o-rings in a light layer of grease will help to hold it them place while you install the turbo inlets.



### Step 2: 5mm Hex (Allen)

Install the new LH turbo inlet pipe into the turbo, then reinstall the two bolts (arrows) and torque them to 9 Nm (7 Ft-lbs).





## INSTALLING THE NEW TURBO INLET PIPES

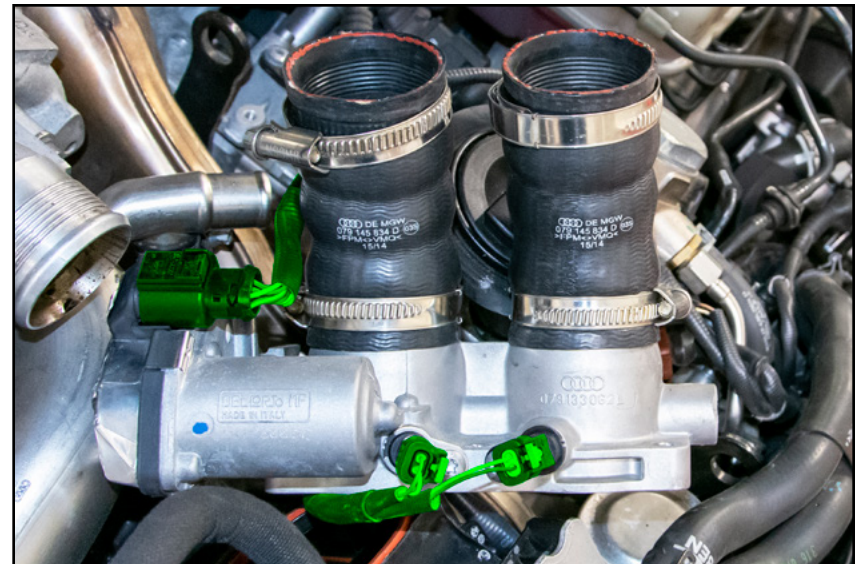
### Step 3: 7mm Socket -OR- Flat Head Screwdriver

Slide the PCV hose (highlighted in **GREEN**) onto the new turbo inlet pipe and tighten the clamp (arrow) until snug.



### Step 4:

Reconnect the three connectors (highlighted in **GREEN**) onto the underside of the throttle body assembly.



## INSTALLING THE NEW TURBO INLET PIPES

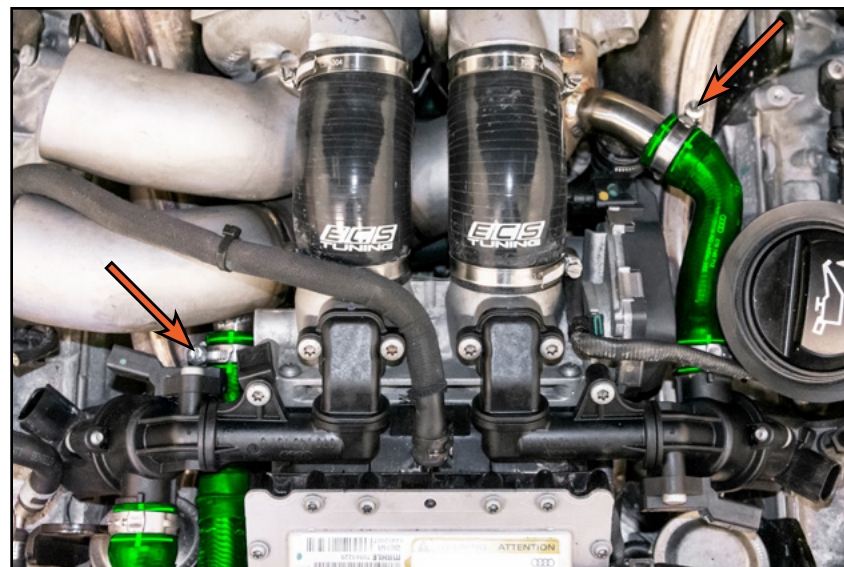
### Step 5: T30 Torx, 7mm Socket -OR- Flat Head Screwdriver

Slide the couplers back over the turbos, rotate the throttle bodies down into place, and tighten the clamps (arrows) until snug. Reinstall the six screws which secure the throttle body assembly to the intercooler then tighten them to 5 Nm (4 Ft-lbs).



### Step 6: T30 Torx, 7mm Socket -OR- Flat Head Screwdriver

Reinstall the diverter valve assemblies, slide the hoses (highlighted in **GREEN**) onto the turbo inlets, which secure the diverter valves to the throttle body assembly then tighten them to 9 Nm (7 Ft-lbs).





## INSTALLING THE NEW TURBO INLET PIPES

### Step 7:

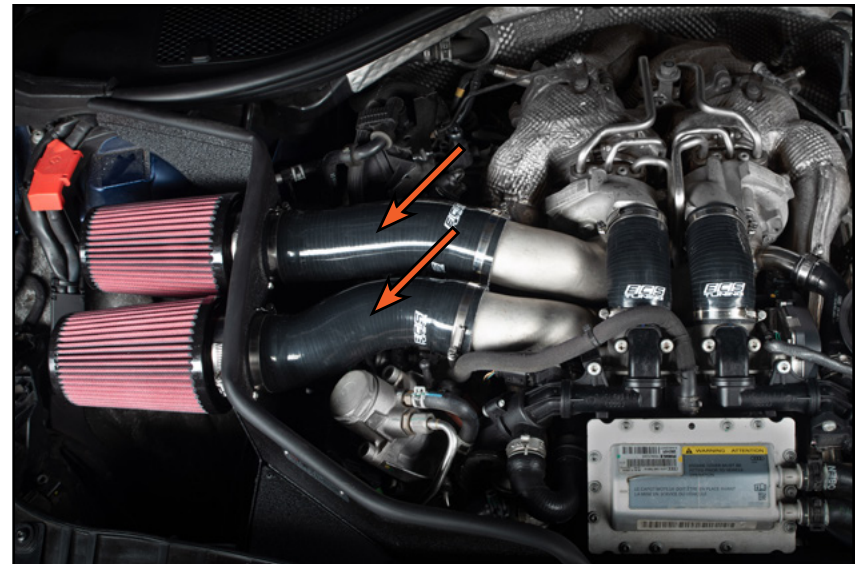
Reconnect the four diverter valve connectors (highlighted in **GREEN**).



### Step 8:

7mm Socket & Ratchet - OR - Flat Head Screwdriver

Install the new provided silicone intake hoses (arrows) between the intake and the new turbo inlets, then tighten the clamps until snug.



## Your Turbo Inlet Pipes installation is complete!



### These instructions are provided as a courtesy by ECS Tuning

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