

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

Replacing the restrictive factory turbo muffler with an ECS turbo muffler delete kit is an easy project which an experienced technician can complete in an hour, plan according to your own comfort level.

Read all of these instructions first and you should be able to breeze right through the install, and there's even a DIY video which can be found by clicking <u>HERE</u>. Thank you for looking to ECS Tuning for all your performance and repair needs, we appreciate your business!

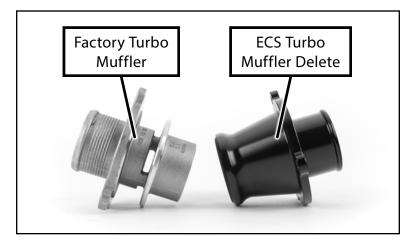


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RELATED UPGRADES



ECS Manifold Side Port Boost Tap (ES#2986667)



ECS Throttle Body Boost Tap (ES#2984817)



ECS Diverter Valve Spacer (Click HERE to Shop)

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.

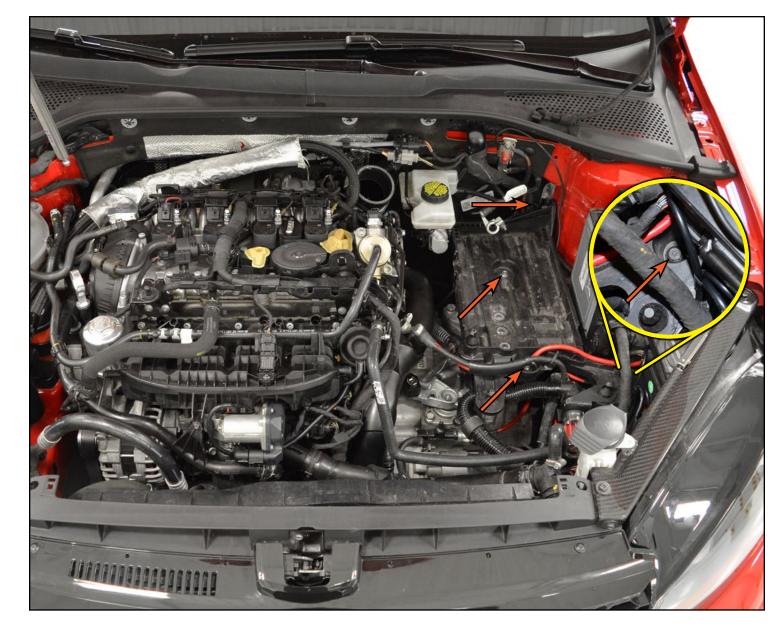
REMOVING THE STOCK TURBO OUTLET PIPE

Step 1:

We performed this install on our MK7, so these instructions specifically apply to front wheel drive MQB applications. If you're doing this job on a vehicle with the engine mounted longitudinally, not all steps may apply for you.

Begin by disconnecting the negative battery terminal, then remove the intake system and the engine cover.

We opted to remove the battery entirely, and we also removed the battery tray. These two steps are completely optional, but it only takes a few minutes and it is **WELL** worth it to gain all of the extra working space. To remove the battery tray there are three 10mm bolts, and one 10mm nut, look for the arrows in the photo on the right.

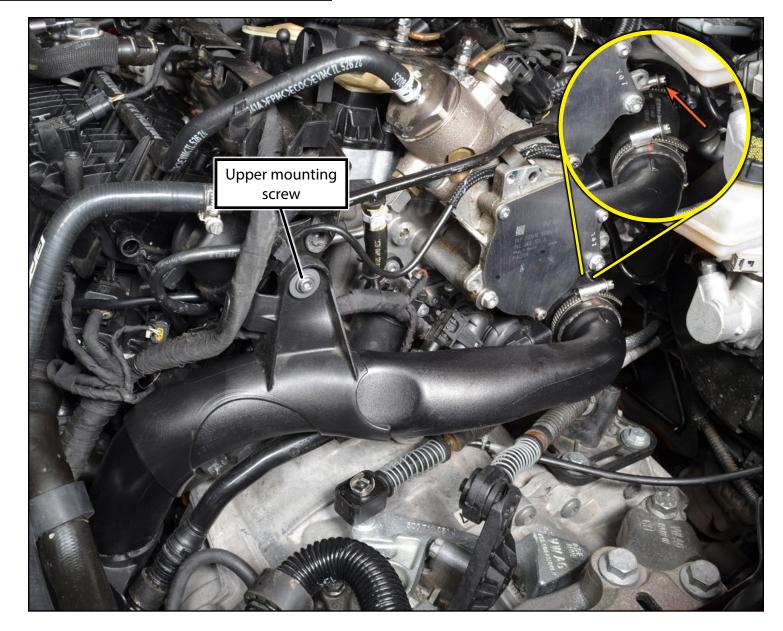


REMOVING THE STOCK TURBO OUTLET PIPE

Step 2:

Loosen the hose clamp which secures the turbo outlet coupler to the turbo muffler (arrow in the inset photo).

Loosen the turbo outlet pipe upper mounting screw (T30 Torx), but since this is a captured screw it will be retained inside the rubber bushing.



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REMOVING THE STOCK TURBO OUTLET PIPE

Step 3:

Pull the turbo outlet pipe off of the turbo muffler as shown in the photo.



Step 4: Flat Blade Screwdriver

Loosen the other clamp on the turbo outlet coupler and remove the coupler from the pipe.



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INSTALLING THE NEW ECS TURBO OUTLET PIPE

Step 1:

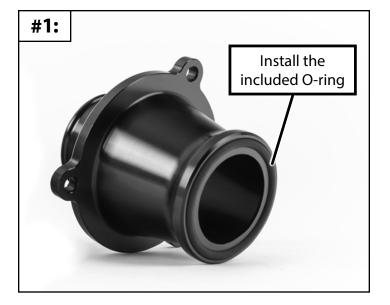
Remove the stock turbo muffler. Install the included O-ring into the small end of the new turbo muffler delete (**Photo #1**).

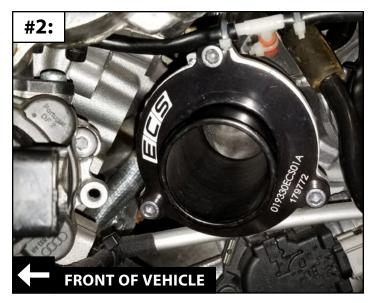
There is a factory O-ring which should have remained in the turbo housing, ensure that it is still there (shown in our handy DIY video which can be found by clicking <u>HERE</u>).

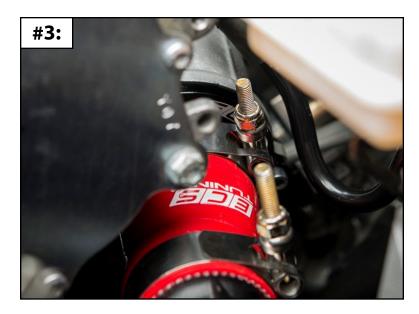
Install the new turbo muffler delete pipe into

place using the original bolts. Tighten these bolts until snug, be careful to not over-torque them (**Photo #2**).

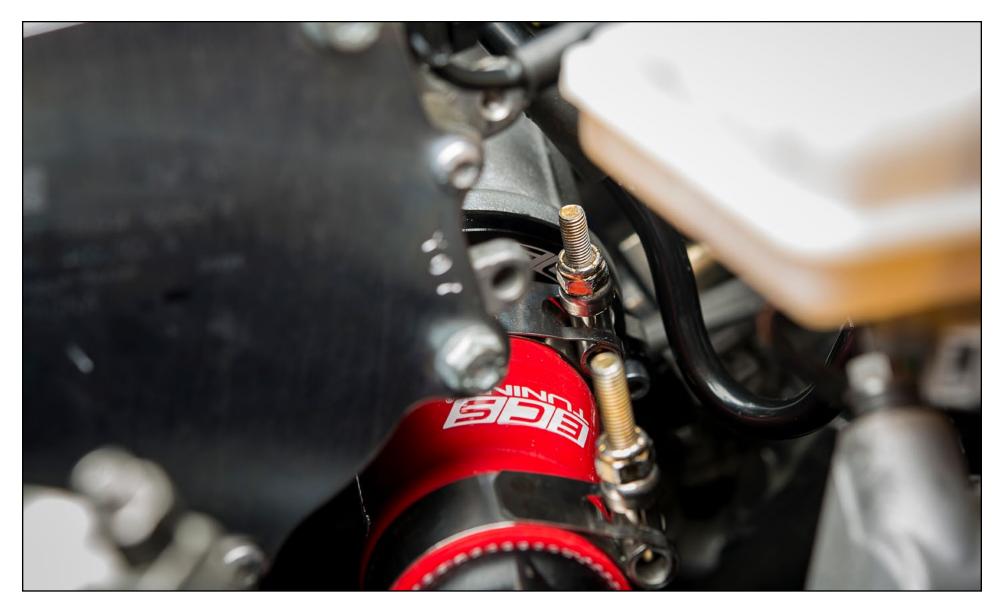
Connect the turbo outlet pipe to the turbo muffler delete. This can be done w/the factory turbo outlet coupler or our silicone coupler (**Photo #3**). Tighten the clamps until snug, then reassemble in the reverse order of removal.







Your VW/Audi Gen3 TSI Turbo Muffler Delete Pipe installation is complete!



These instructions are provided as a courtesy by ECS Tuning

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