

Tools Required

- Wrenches/sockets: 13, 15, 16, 17, 22 mm
- Flat-blade screwdriver
- Penetrating lubricant

Summary

This document includes instructions for the following tasks:

- [MK5 Gen2 GTI Turboback Exhaust Installation](#)
- [MK5 Gen2 GTI Catback Exhaust Installation](#)
- [MK5/MK6 Gen2 GTI Downpipe Installation](#)
- [Connecting Gen2 Components with Previous-Generation Components](#)

MK5 Gen2 GTI Turboback Exhaust Installation

Factory Exhaust Removal

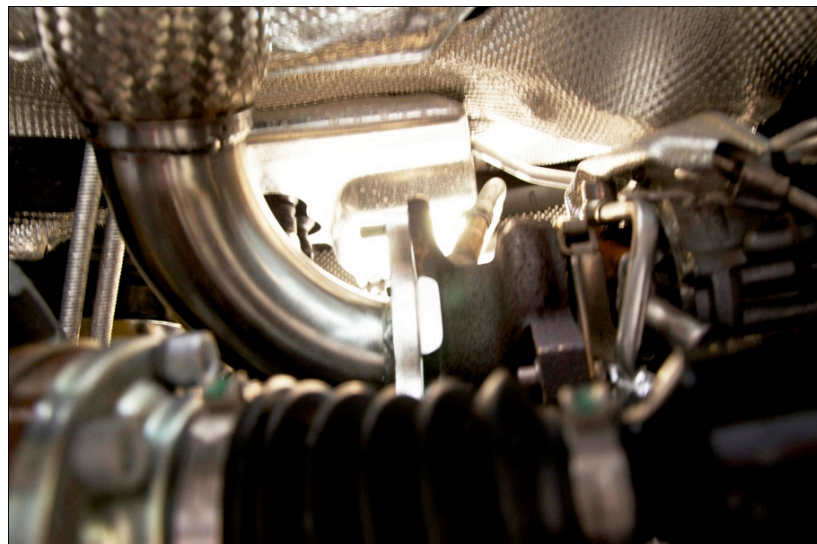
1. Jack up the car and secure it properly.
2. Remove the O2 sensors and let them hang.
3. Spray penetrating lubricant on all rusty fasteners to facilitate removal.
4. Remove the factory axle shield for easier access to downpipe nuts.
5. Remove the four 16-mm nuts holding the downpipe to the turbo.
6. Before pulling off the studs, remove the 13-mm nuts holding the cross braces under the exhaust.
7. Loosen the downpipe bolts but leave them in to hold the front of the exhaust while you remove the rear.
8. Move to the back of the car and pull the factory hangers out of each mount.
9. Let the back of the exhaust hang down while you remove the downpipe bolts.
10. Remove the downpipe off the studs and lower gently.
11. Slip out from under the car and remove the factory rubber mount.
This component will be reused later.

MK5 Gen2 GTI Turboback Exhaust Installation

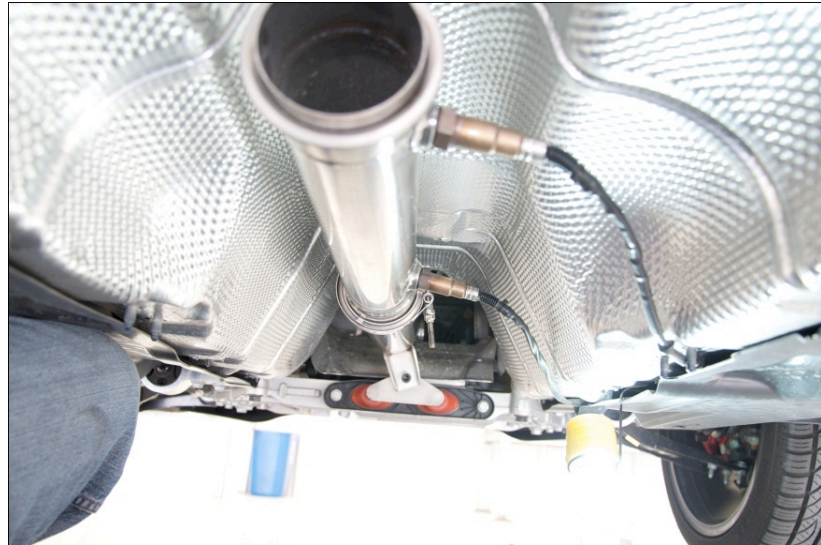
1. Install your new gasket onto the studs.
2. Install O2 sensor plug if bung is not being used.



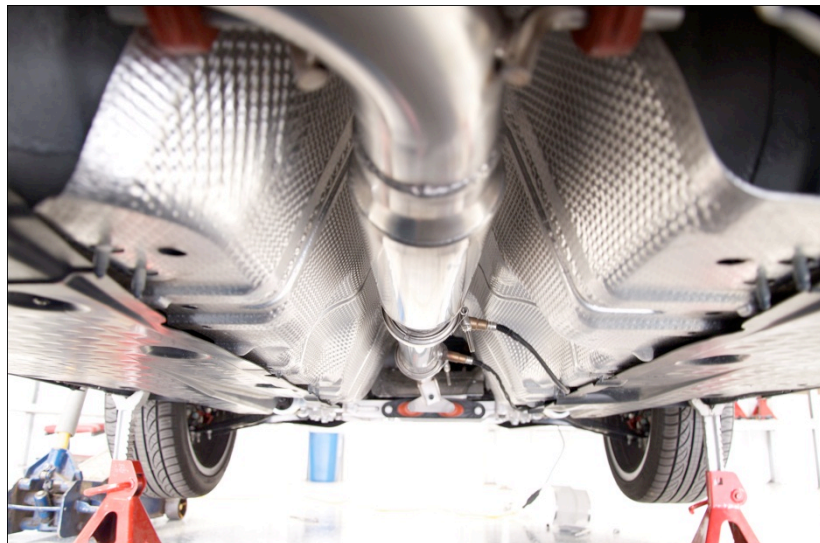
3. You'll start with the downpipe and work your way back. Install the downpipe onto the studs and **finger-tighten the nuts**.



4. Install the front hanger onto the downpipe and finger-tighten the bolts so it can be moved if necessary.
5. Using a supplied v-band clamp, install the catalytic midpipe section (optional) or test pipe section. Depending on your O2 sensor locations, you may not use both O2 sensor bungs on the midpipe. Use the supplied O2 sensor plug for any bung that is not used.



6. Pre-twist the O2 sensor wires counter-clockwise 4 to 6 turns before installing, then tighten down the sensors. This step prevents wires from being twisted once the sensor is installed.
7. Rotate the midpipe section so that the O2 sensors do not hit the heat shielding.
8. Install the J-pipe with a v-band clamp, leaving it slightly loose for now.



9. Install the first muffler section into the hanger, then clamp it with the J-pipe.



10. Install the rear muffler. Install into hangers first to make it easier to handle, then clamp it as in step 7. Verify alignment in bumper cutouts before the final torque.



11. Move to the front of the car, and tighten all bolts from front to back.
Do not over-tighten V-band clamps.
12. Reinstall cross-braces and axle boot heat shield.
13. Do one final bolt check, fire it up, and check for exhaust leaks.
14. Lower the car and drive!

MK5 Gen2 GTI Catback Exhaust Installation

Factory Exhaust Removal

1. Jack up the car and secure it properly.
2. Spray penetrating lubricant on all rusty fasteners to facilitate removal.
3. Move to the back of the car and pull the factory hangers out of each mount.
4. Let the back of the exhaust hang down while you remove the front clamp bolts.
5. Remove the factory system out of the clamp and lower gently.
6. Slip out from under the car and start installing your Eurojet exhaust.

MK5 Gen2 GTI Catback Exhaust Installation

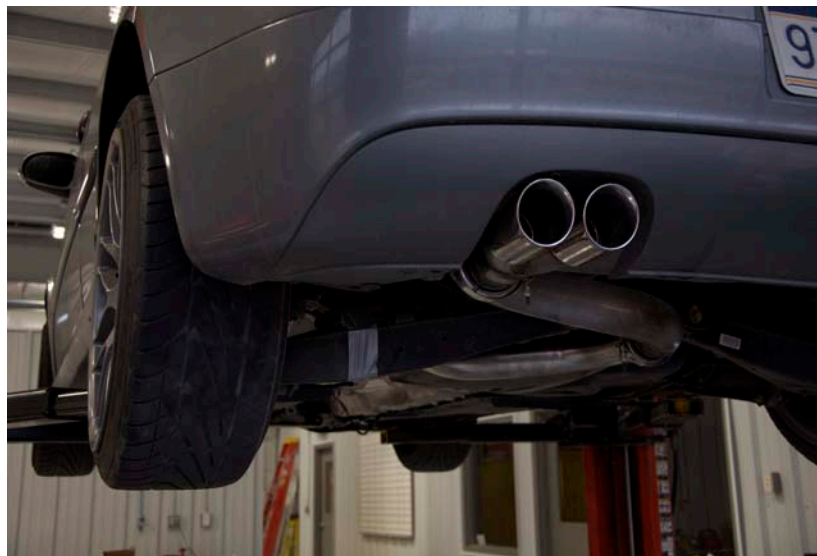
1. Install the small J-pipe into the factory clamp.



2. Install the first muffler section into the hanger, then clamp it with the J-pipe.



3. Install the rear muffler. Install into hangers first to make it easier to handle, then clamp it as in step 2. Verify alignment in bumper cutouts before the final torque.



4. Move to the front of the car, and tighten all bolts from front to back.
5. Do one final bolt check and fire it up.

MK5/MK6 Gen2 GTI Downpipe Installation

Factory Downpipe Removal

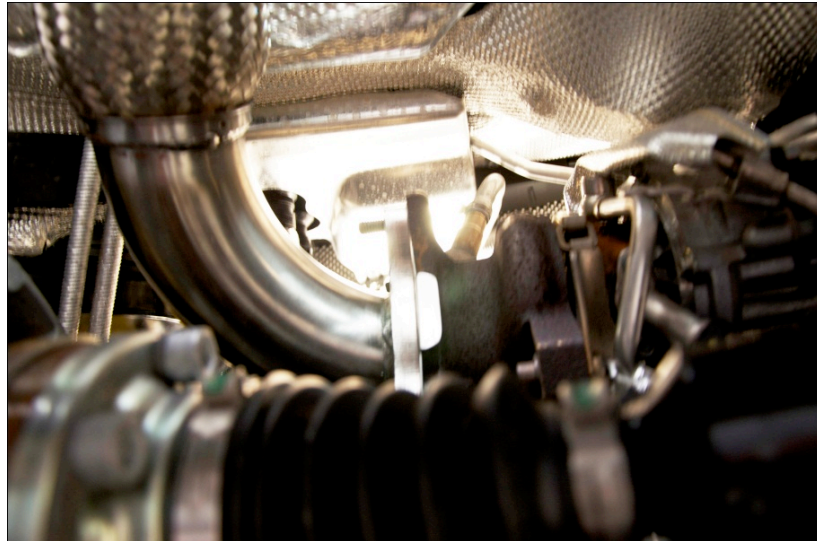
1. Jack up the car and secure it properly.
2. Remove the O2 sensors and let them hang.
3. Spray penetrating lubricant on all rusty fasteners to facilitate removal.
4. Remove the factory axle shield for easier access to downpipe nuts.
5. Remove the four 16-mm nuts holding the downpipe to the turbo.
6. Before pulling off the studs, remove the 13-mm nuts holding the cross braces under the exhaust.
7. Loosen the downpipe bolts but leave them in to hold the front of the exhaust while you work on the removing the rear from the factory coupler.
8. Remove the front hanger bolts, then pull the downpipe off the studs and lower gently.

MK5/MK6 Gen2 GTI Downpipe Installation

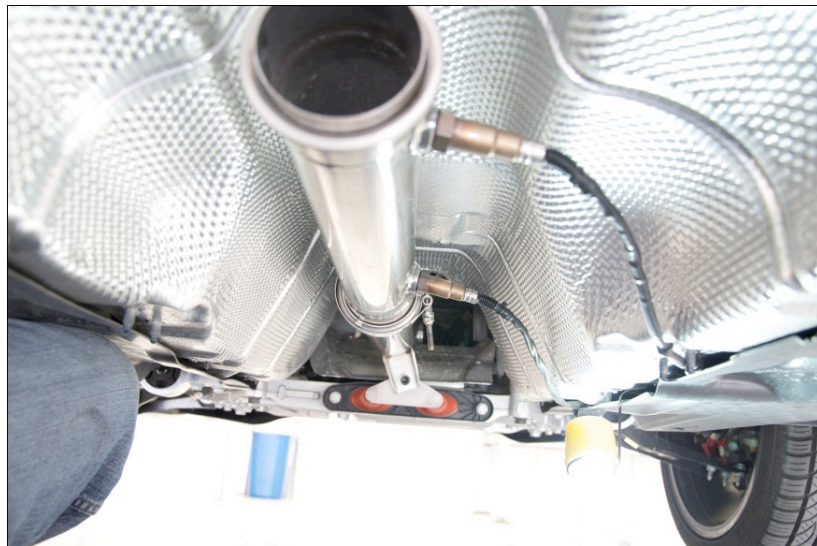
1. Install your new gasket onto the studs.
2. Install O2 sensor plug if bung is not being used.



3. Install the downpipe onto the studs and **finger-tighten the nuts**.



4. Install the front hanger onto the downpipe and finger-tighten the bolts so it can be moved if necessary.
5. Using a supplied v-band clamp, install the catted midpipe. Depending on your O2 sensor locations, you may not use both O2 sensor bungs on the midpipe. Use the supplied O2 sensor plug for any bung that is not used.



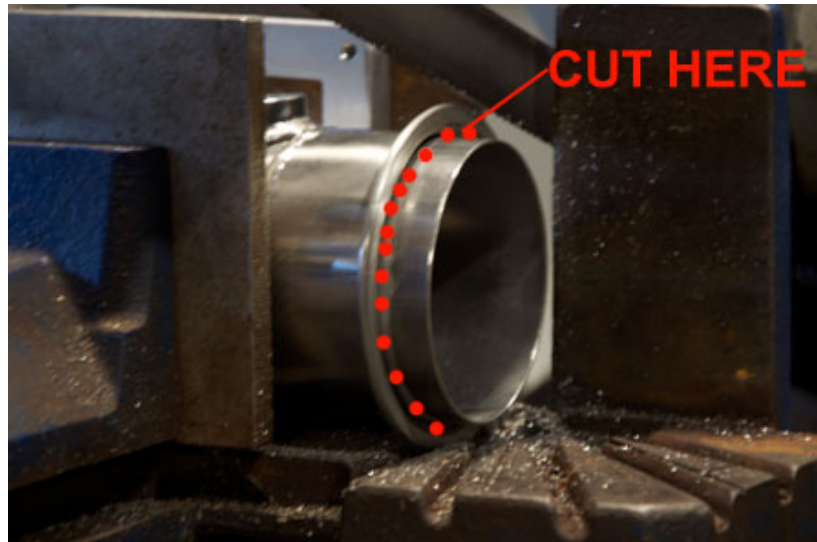
6. Pre-twist the O2 sensor wires counter-clockwise 4 to 6 turns before installing, then tighten down the sensors. This step prevents wires from being twisted once the sensor is installed.
7. Rotate the midpipe section so that the O2 sensors do not hit the heat shielding.

8. Install the last section of the downpipe into the factory coupler. Make sure your O2 sensors are installed in the midpipe and tighten.
9. Tighten all hardware in reverse order.
8. Start the car and check for exhaust leaks.
9. Lower the car and drive!

Connecting Gen2 Components with Previous-Generation Components

Eurojet's Gen2 exhaust systems offer new features that not only enhance durability, but also improve exhaust flow to maximize horsepower and minimize turbo lag. For compatibility with previous-generation systems, the male flange on the Gen2 component must be trimmed to properly mate with the previous-generation component. You can purchase your Gen2 system with these modifications, or make them yourself by following these simple steps:

1. Trim the male flange of the Gen2 component so that it is flush with the v-band.



2. If necessary, grind to create a smooth surface.



3. Align the components and clamp.

