



IE Audi B8 & B8.5 S4 & S5 Downpipe Install Guide

IEEXCG2

Thank you for purchasing another high quality Integrated Engineering product! This instruction guide is used for installation of IE's Downpipe System for Audi B8/B8.5 S4 & S5 3.0T applications. This kit needs to be installed by a professional or an experienced technician. Integrated Engineering is not responsible for any damage caused by incorrect installation.

Required Tools:

- Flathead screwdriver
- Phillips screwdriver
- T25 torxdriver
- Socket wrench
- 15mm socket
- 13mm socket
- 12mm socket
- 12mm crows foot
- Multiple socket wrench extensions
- 12mm ratcheting crescent wrench
- 12mm stubby crescent wrench
- 13mm ratcheting crescent wrench
- 13mm stubby crescent wrench

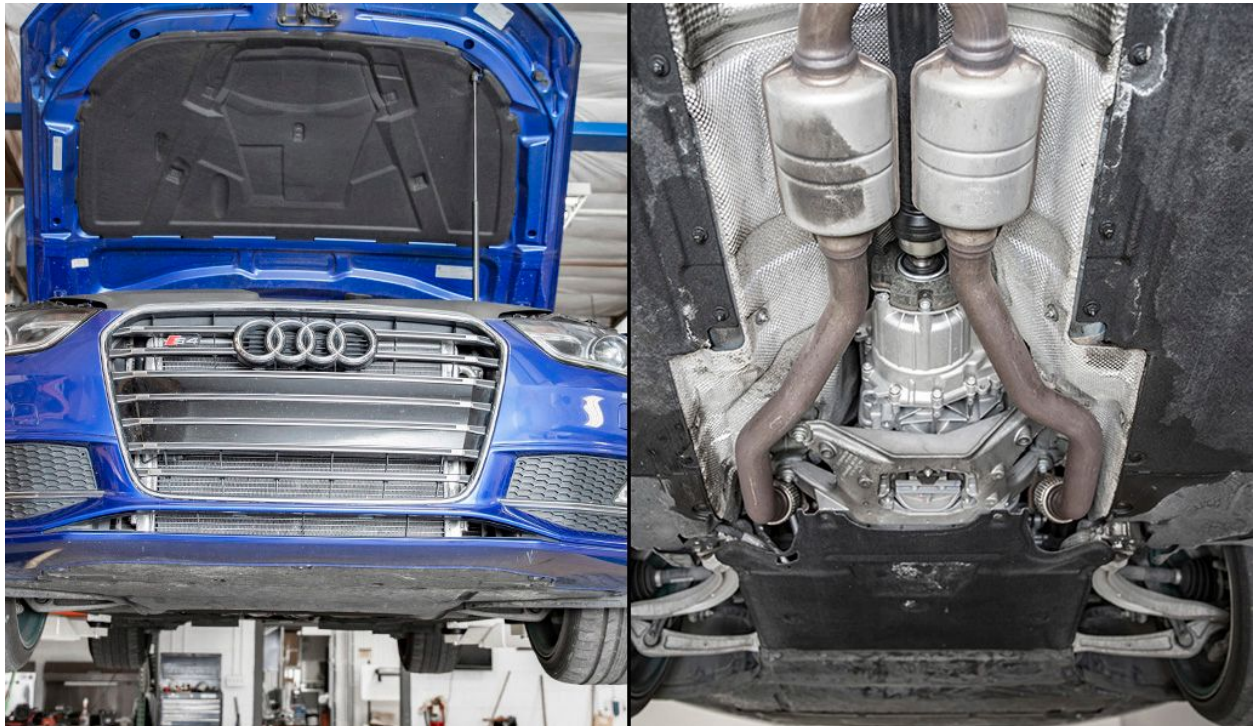
Included Components:

- 2X Downpipes (driver & passenger)
- 2X IE DP to factory slip-fit adapters
- 3X Slip-fit adapter exhaust clamps
- 4X exhaust clamp clamps
- 2X downpipe to CAT gaskets
- 6X Downpipe nuts
- 6X Downpipe bolts

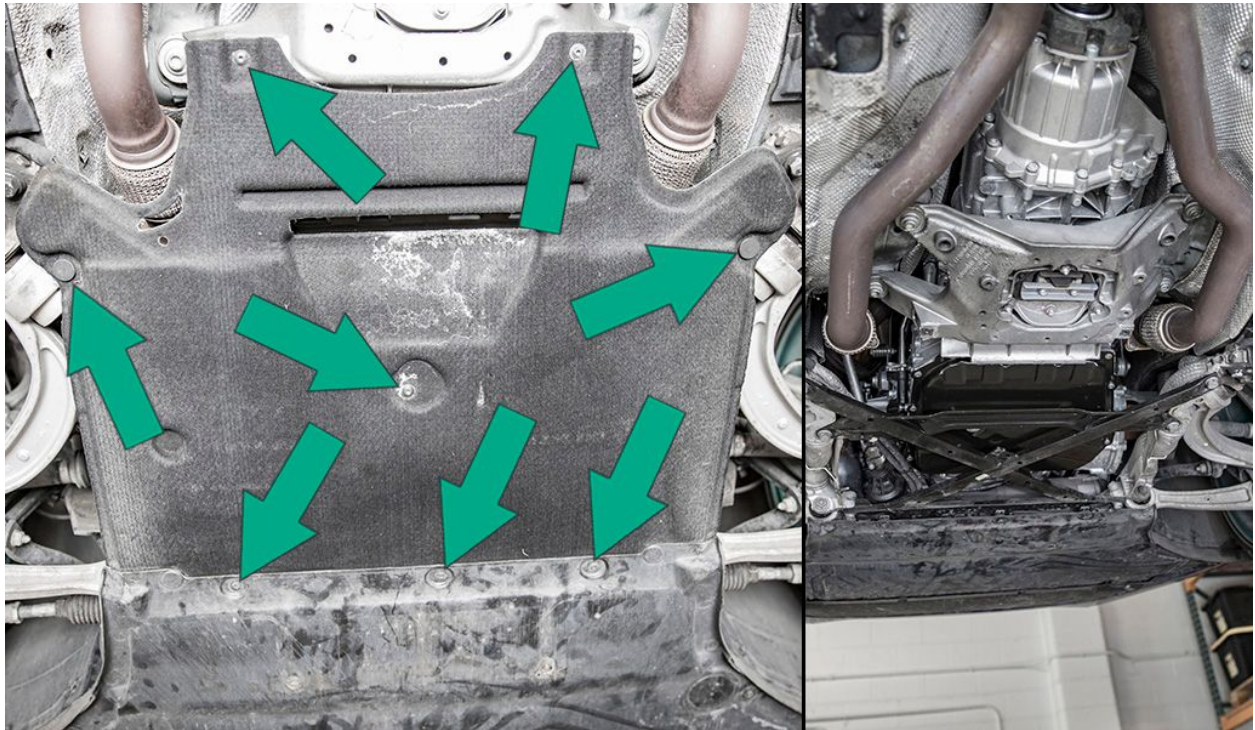
Before you begin, open your IE Downpipe Kit, inspect all components, and verify their quantities.



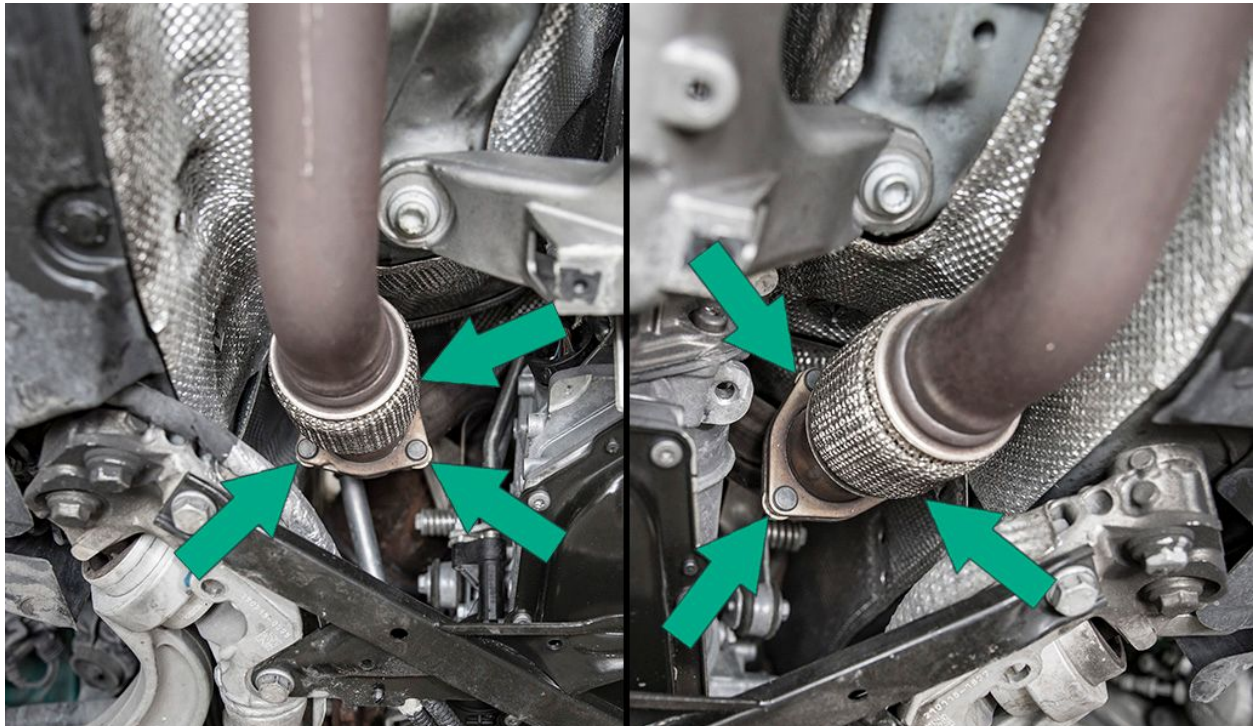
Safely rack your car on an auto lift or place onto jack stands to gain access to the factory downpipes. It is also recommended to allow the car to cool before beginning this install procedure.



Begin the install by removing the transmission pan. Remove the 3 T25 bolts and loosen the 3 phillips head screws. Using a flathead screwdriver, remove the 2 plastic clips and remove the belly pan completely.



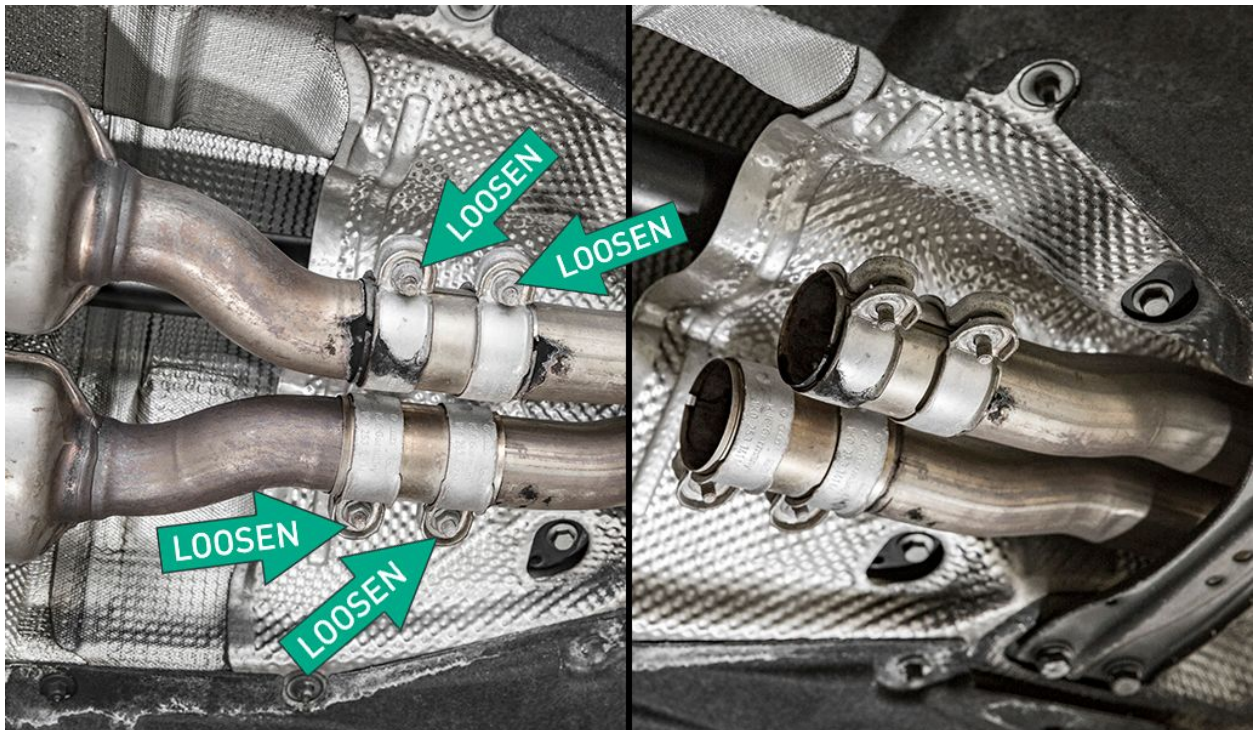
Using a combination of 12mm sockets, crescents, and a 12mm crows foot remove the 6 nuts from the backside of the downpipe flanges.



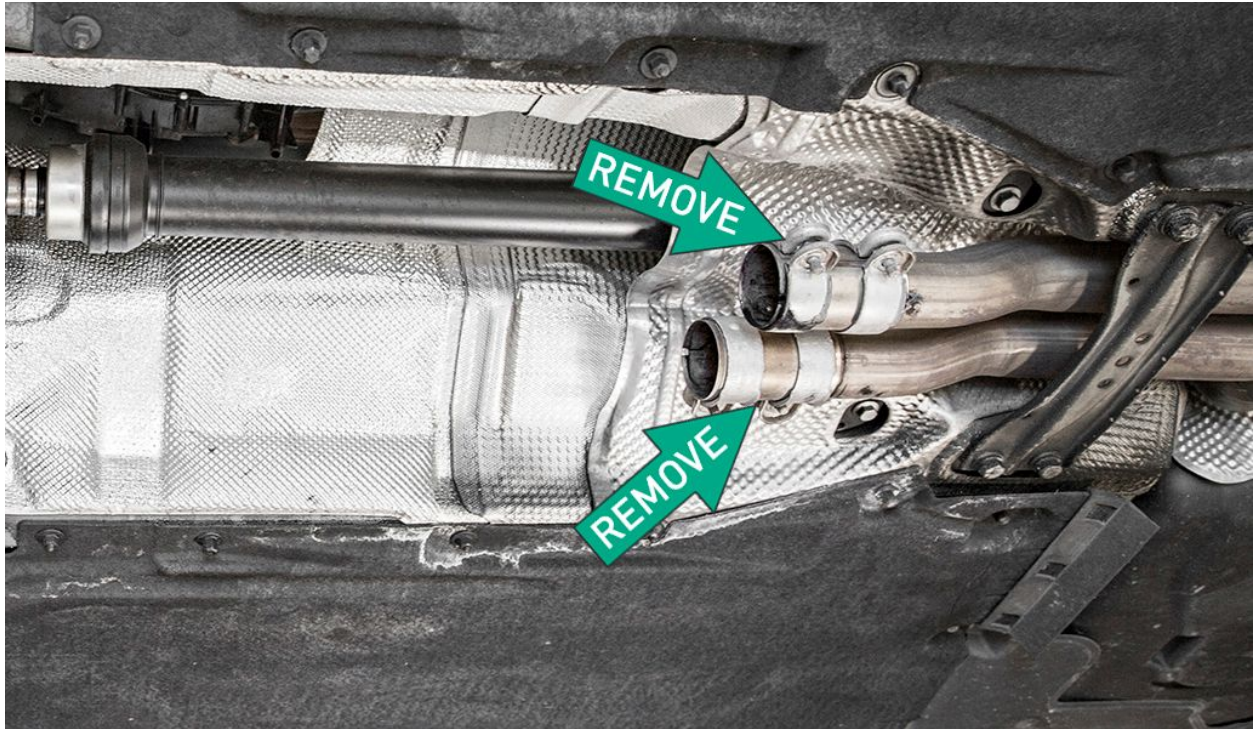
Once all six nuts are removed, separate the downpipe from the factory CAT and remove the exhaust gasket..



Using a 12mm socket, loosen the factory exhaust clamps and remove the downpipes from the vehicle.



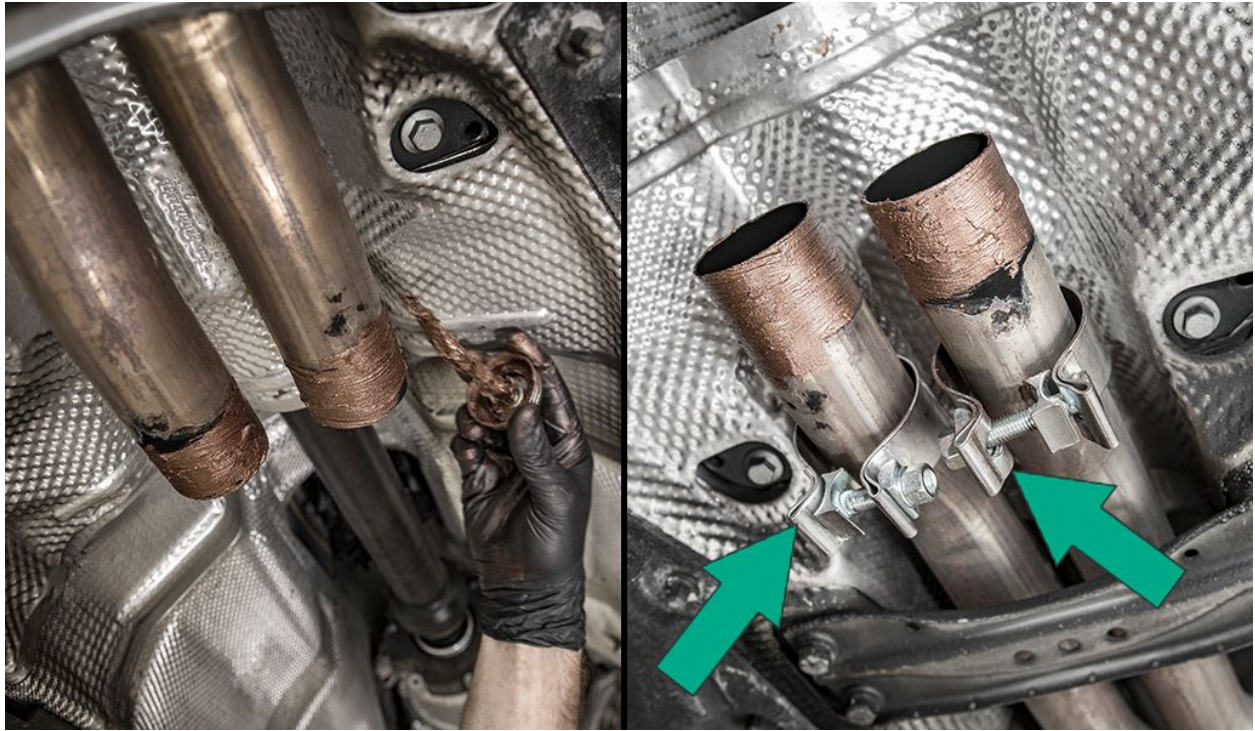
With the downpipes out of the vehicle, remove the factory exhaust clamps from the catback.



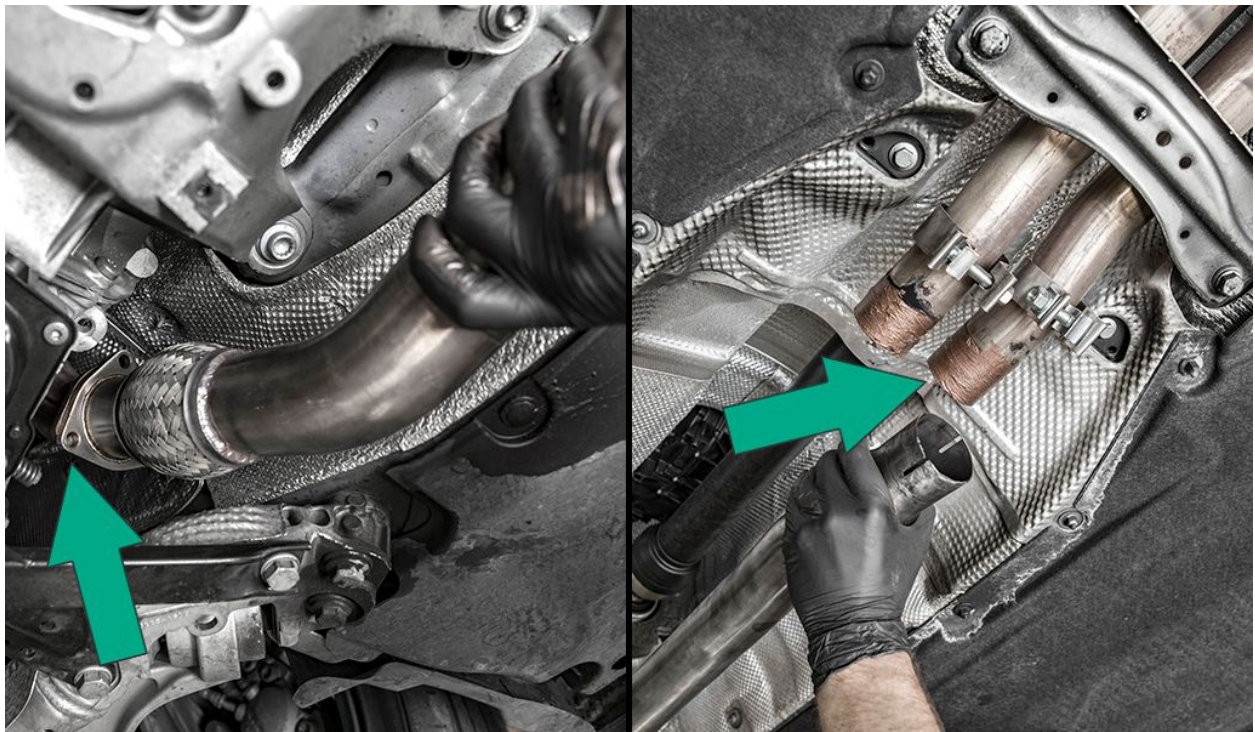
Install the larger exhaust clamps and slip-fit ends to the new IE downpipes. Do not tighten clamps in this step. *Note: IE recommends using anti-seize on slip-fit ends.*



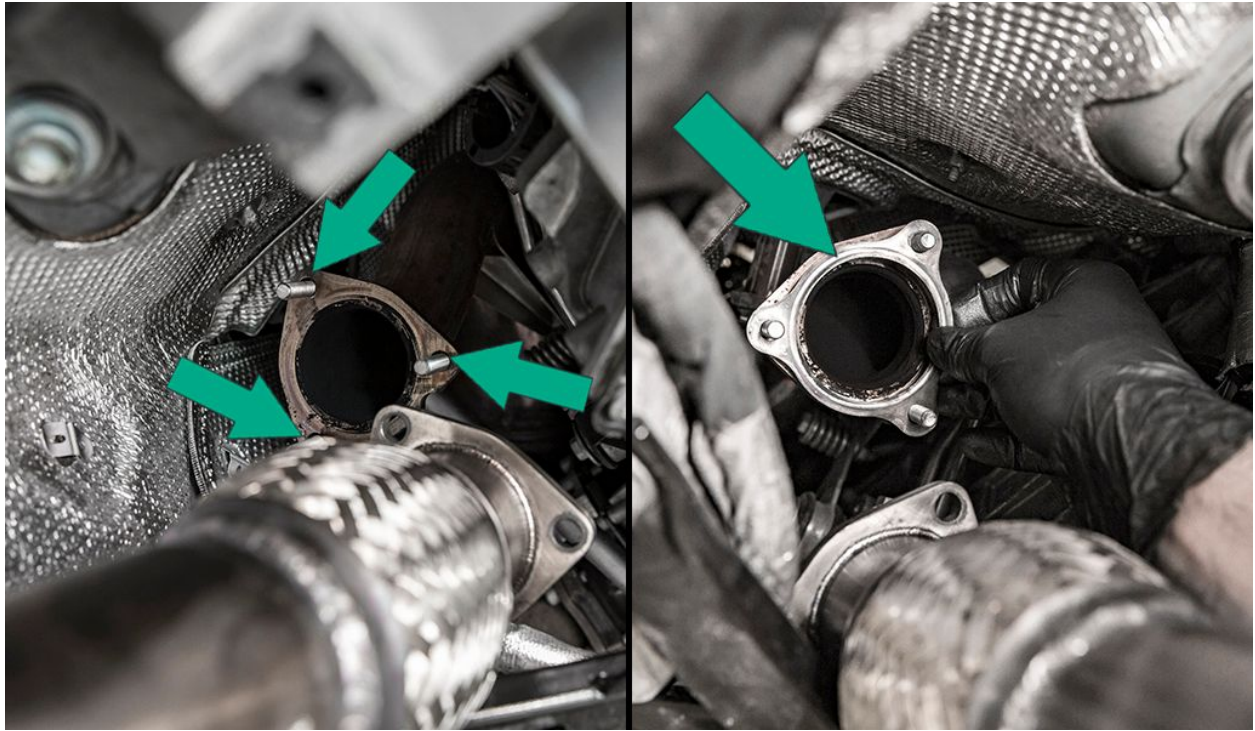
Apply anti-seize to the factory catback and loosely install the two smaller included exhaust clamps.



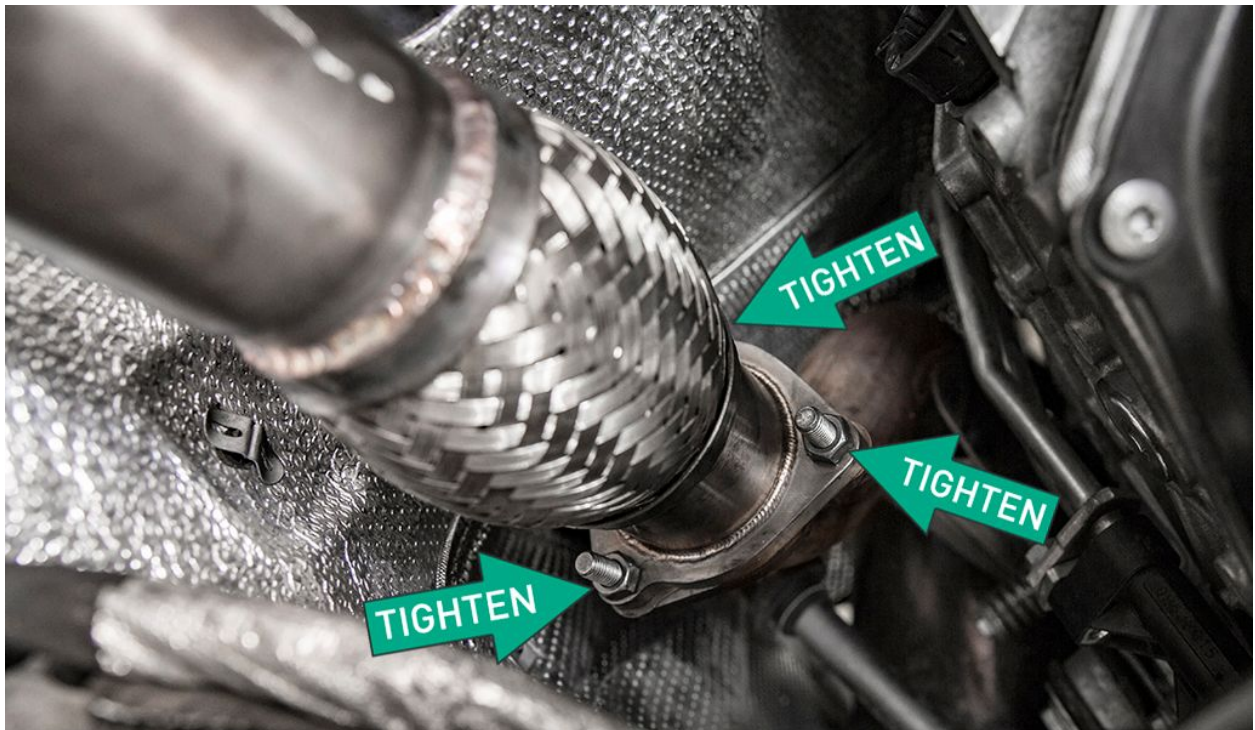
Line up the downpipe to CAT flange then install the slip-fit adapter to the factory catback. Repeat this step on both downpipes.



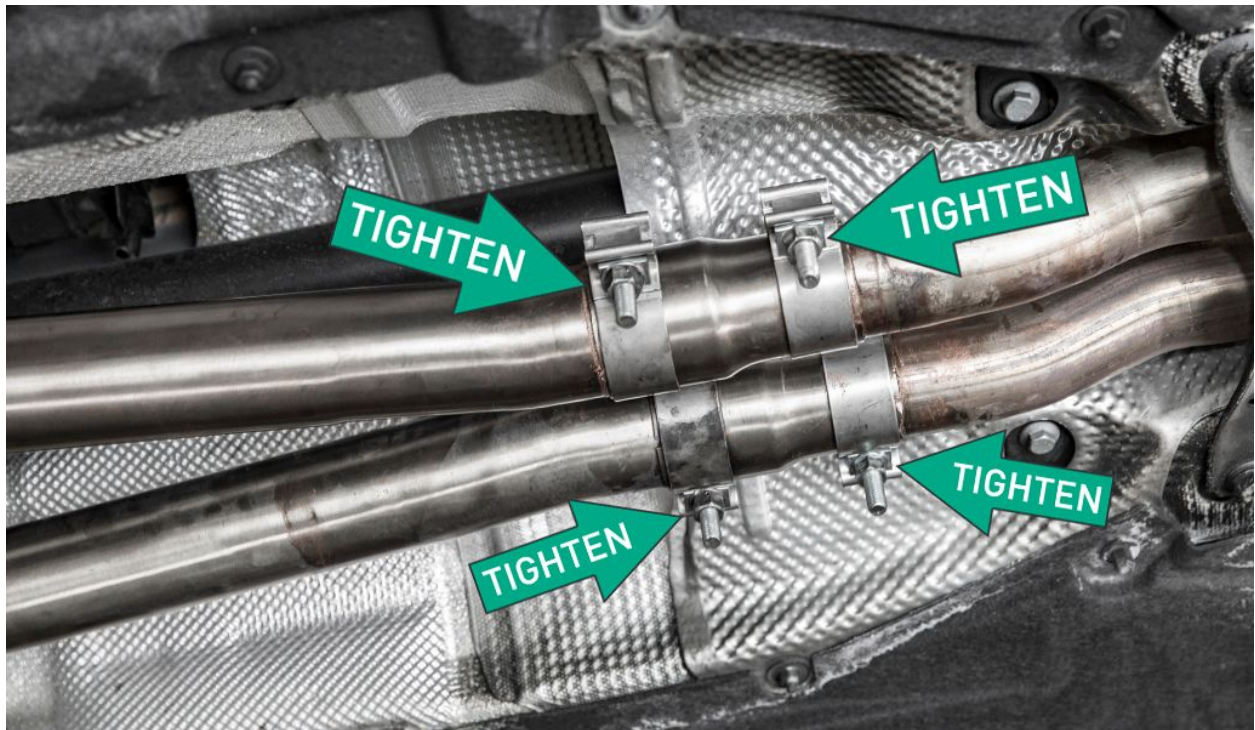
Place the 6 included M8X30mm bolts through the back of the CAT flange, then install the new supplied exhaust gasket to the bolts.



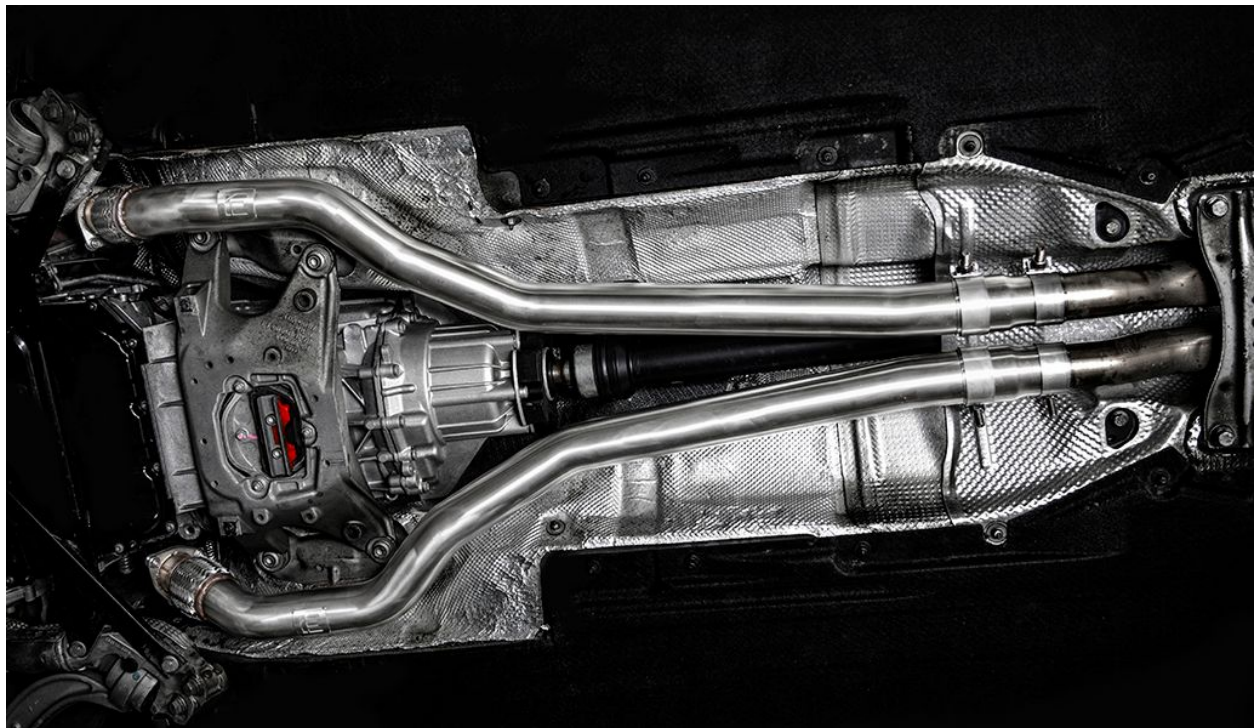
Install the IE downpipes to the CAT flanges with the included nuts, then tighten using 13mm sockets and crescent wrenches. Torque bolts and nuts to 19 ft-lb.



Double check all slip fits are properly aligned, then tighten all 4 exhaust clamps with a 15mm socket. Re-install transmission pan. *Note: Exhaust clamps need to be very tight, they must compress the tubing to fully seal slip fits. The torque spec is 45 ft-lb.*



Start your car and inspect for any exhaust leaks. After driving the car for 1-2 days, verify all bolts, nuts, and clamps are tight, and that the exhaust is sitting straight.



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