



Porsche 987 Cayman Exhaust Install

This guides shows a detailed installation of a Fabspeed 987.1 Maxflow Exhaust System

Written By: DriveDIY



INTRODUCTION

This guides shows a detailed installation of a Fabspeed 987.1 Maxflow Exhaust System



TOOLS:

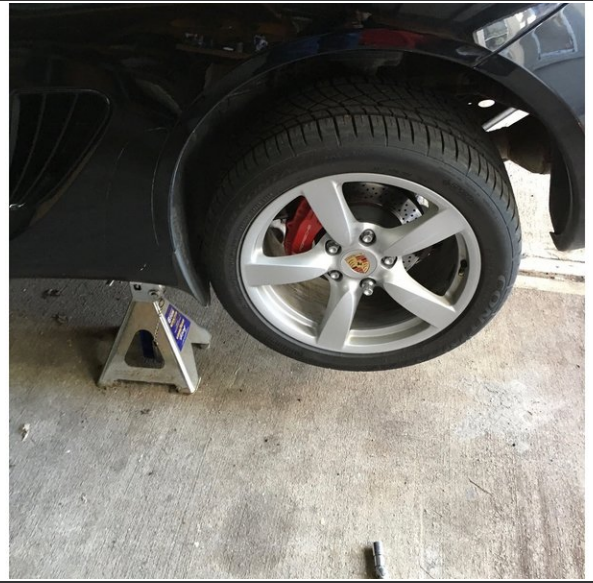
- [Jack Stands](#) (1)
- [Low Profile Jack](#) (1)
- [Nitrile Disposable Gloves](#) (1)
- [JackPad](#) (1)
- [Torx Socket Set](#) (1)
- [3/8" Torque Wrench](#) (1)
- [3/8" Long Wobble Extension](#) (1)
- [3/8" Ratchet](#) (1)
- [3/8" Extension Set](#) (1)
- [13mm Socket](#) (1)
- [16mm Deep Socket](#) (1)
- [Open End Wrench Set](#) (1)



PARTS:

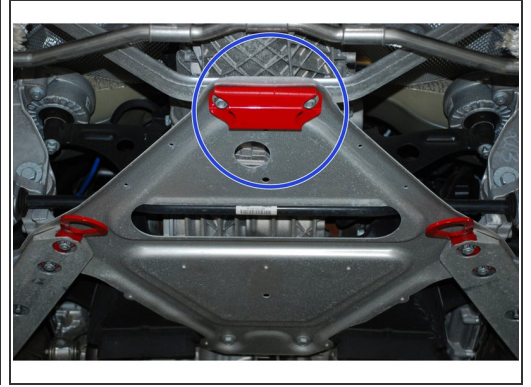
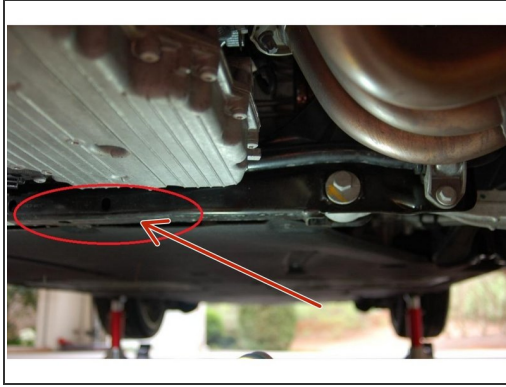
- [Fabspeed Maxflow Exhaust](#) (1)

Step 1 — Lifting Front of Vehicle



- Using one of the REAR factory jack points. Jack up vehicle and place a jack stand under the front jack points.
 - Carefully position the jack stand to correctly contact that jack point of the vehicle
 - Repeat this procedure on opposite side of vehicle.
- ⓘ The Porsche Factory jack points are designed for pin top style jack pads. While a normal jack will work, the pin top ones are the safest to use and safest for the vehicle.

Step 2 — Placing Rear of Vehicle on Jack Stands



- Using a low profile jack, center the jack directly in front of the engine and using chassis cross member, lift vehicle and place jack stands on rear jack points.
- Photo #1 is 991 Cross Member
- Photo #2 is 997.2 Cross Member
- Photo 3 Shows a Cayman/Boxster rear jack point with optional jacking block.

Step 3



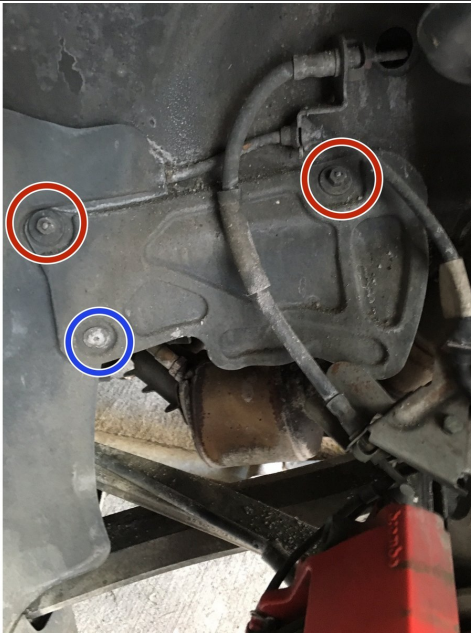
- Place a solid jack stand under the 4 jack points located near each respective wheel.

Step 4 — Remove Rear Wheels



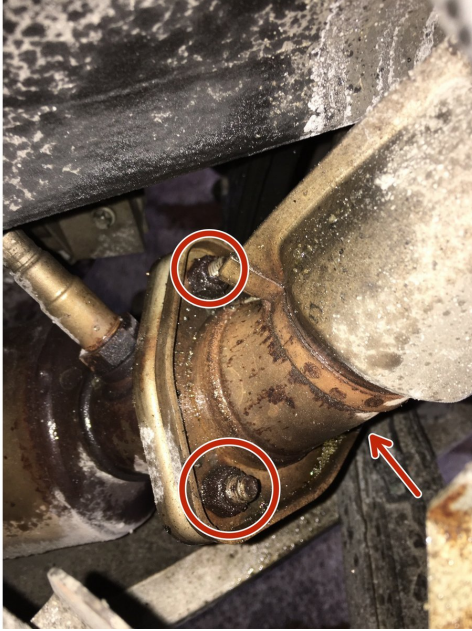
- Insert wisdom here.

Step 5 — Remove Plastic Shield



- Remove the Driver and Pass side plastic shields to gain access to the exhaust flange bolts
- 10MM Plastic Nuts
- T-25 Torx Screw

Step 6 — Loosen Exhaust Flange Nuts



- ❗ Expect Extensive Corrosion! Soak everything in a penetrating oil like PB Blaster for at least 15-30 min ... We will address at a later step how to remove any broken studs.
- The Drive side offers easier access to the flange nuts
- 13mm Nut
- Using a combination of universal joint sockets and open ended 13mm wrenches... when loosening the nuts, take extreme care to not snap the studs off. Avoid putting a side load on the bolts.

Step 7 — Loosen Exhaust Flange Nuts (Video)



- Insert wisdom here.

Step 8 — Remove Exhaust Tips



- Loosen 16mm Clamp
- Wiggle Exhaust Tip Loose

Step 9 — Loosen Exhaust Hanger Bolts



- Loosen the 13mm nuts

Step 10 — Remove the Exhaust



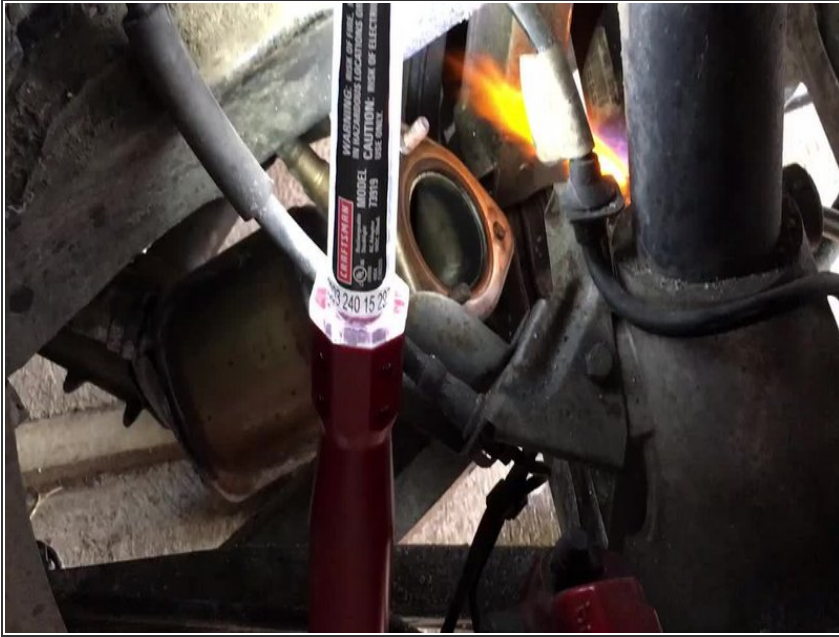
⚠ Carefully lift exhaust off exhaust studs and over suspension

Step 11



- Ensure exhaust gasket is still attached to flange.
- Broken Stud (before removal)

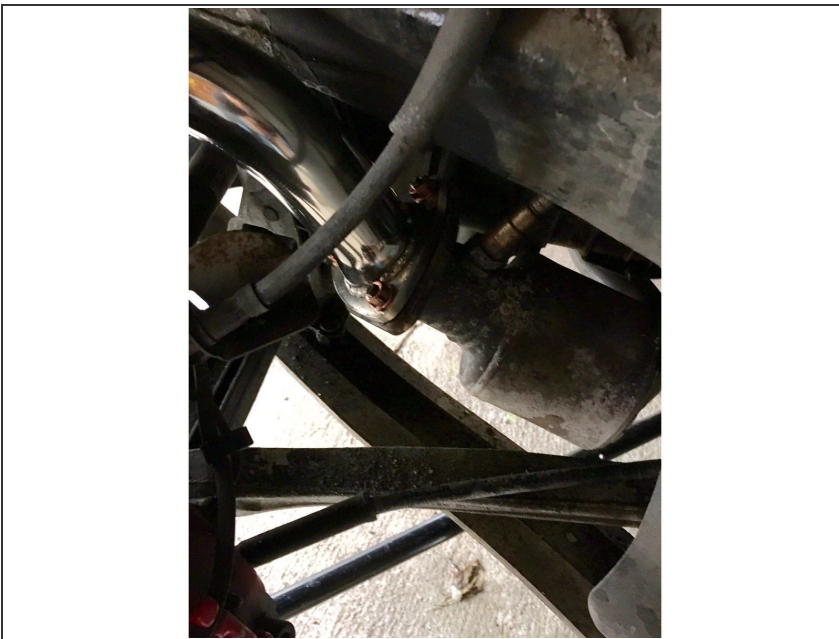
Step 12 — Removal of Broken Stud



- Apply heat using a MAPP Torch to the flange
- Try and concentrate the heat on the flange to help it expand.
- After around 30 seconds of heat, use a punch and hammer to knock broken stud out

⚠ Remove Gasket Before starting this

Step 13 — Mount exhaust pipes to flange



- Use new 13mm nuts when mounting the exhaust pipes to flange
- ⓘ Fabspeed Supplied replacement nuts for this application
- ⓘ Tighten to 17ft/lb

Step 14 — Loosely Mount Exhaust Cans to factory mount



- Photo shows Fabspeed supplied rubber gasket

Step 15 — Align Exhaust and Tighten Clamps



- Insert wisdom here.

Step 16 — Mount the wheels and enjoy!



- Fabspeed Maxflow