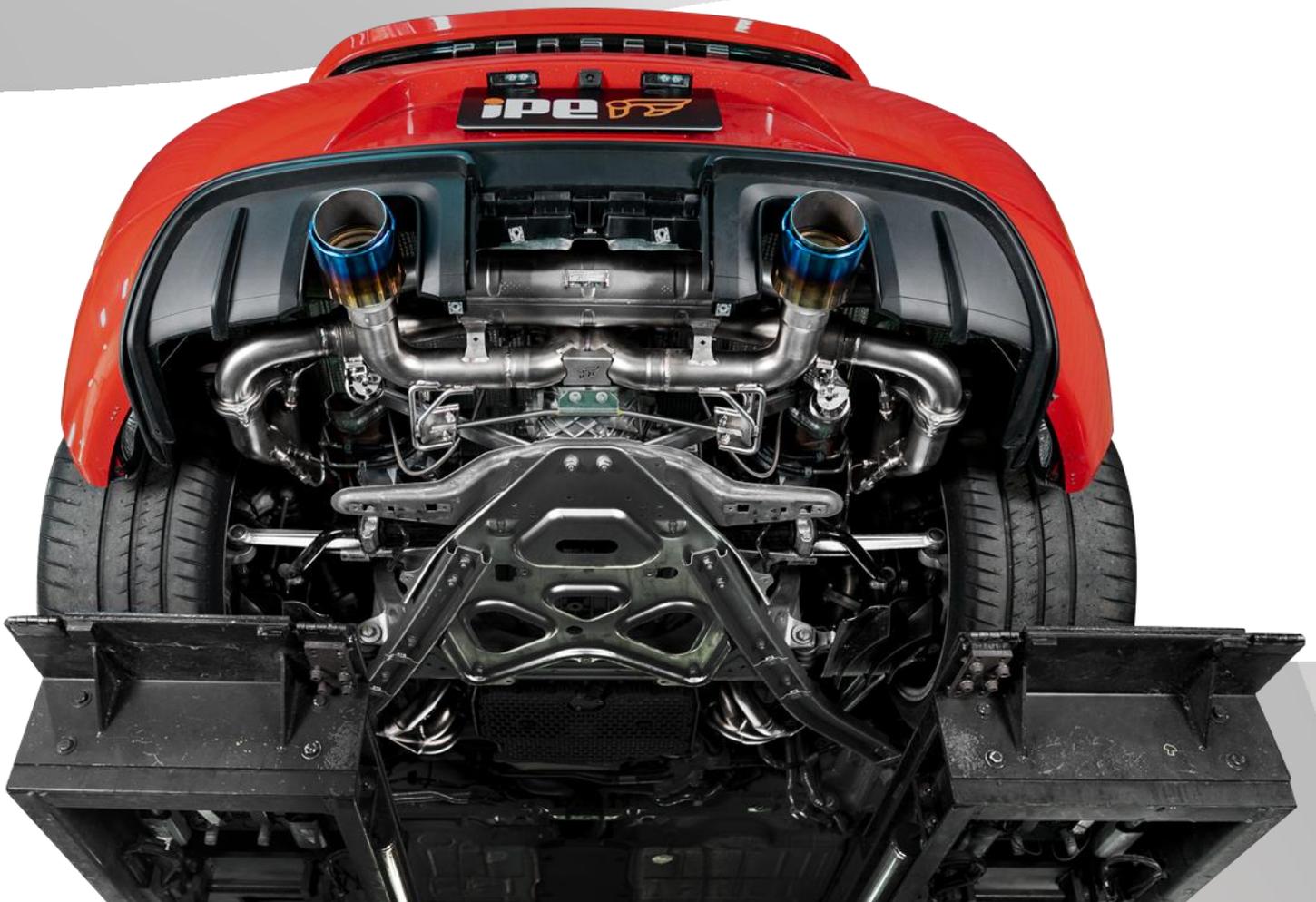


Installation Manual

For Porsche 718 (982) GTS4.0/ GT4/ Spyder



- iPE would like to congratulate you on your purchase of the exhaust system of Ferrari 488 GTB.
- Valvetronic Sound technology, superior build qualities, and use of material make our exhaust system an industry leader. We would like you to enjoy your exhaust system with this installation manual.
- Please read this installation manual carefully before proceeding with installation of the iPE exhaust system. Installing an exhaust system does require some tools and experience. Since some parts of the system are related with electrical connections, certain level of skills is required in order for the complete system to work properly. If you have any doubts about the installation procedure, we recommend that you talk with your dealer for further assistance. Improper installation can void your warranty. By reading this installation guide and installing the exhaust system, you have agreed to the terms and conditions stated in this manual.
- Any questions or comments, please do not hesitate to contact us.

iPE HEADQUARTERS

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- Please make sure the car is lifted properly. If you fail to do so, you risk suffering vehicle damage and personal injury including death. Make sure that the car is lifted on the proper lifting point.
- Exhaust system creates very high temperature; therefore, before doing any work on the exhaust, please allow time for the vehicle to cool down or wear protective items such as gloves to prevent injury before starting the installation process.
- Be careful not to strip or break nuts and bolts when loosening them and while installing, please torque the bolts to the correct specifications to prevent mechanical issues from occurring.
- With our Valvetronic system, iPE recommend 60% throttle opening for valve actuation to prevent excess resonance with exhaust sound.
- It is normal for white smoke to be visible on the first start. The smoke will dissipate after the exhaust reaches working temperature.
- For personal safety, please do not stand directly in front of the exhaust on first start because the muffler is not yet active and some manufacturing debris might exit the exhaust and cause injury.
- Our exhaust system requires a break in period and the sound and tone might change after the break in period. Normally this will take place at around 300 miles or about 500 km.
- Be ready to enjoy the performance and sound of exhaust system.



Headers with cats	x 2	Axle Pipe	x2
Cat-back	x 1	Tips	x2

Tools Required

- Flathead Screwdriver
- Hex Socket Set
- Penetrating Fluid (Anti-Rusting Oil)
- Philips Screwdriver
- Torque Wrench

- Torx Screwdriver
- Torx Socket
- Open And Hex Wrenches
- Ratchet Wrench With Sockets

- With the engine shut off and the car on the lift, please unplug the wiring harness from the valve actuation motors.

- Removal of the stock exhaust

A-1

Loose and remove in the following order: factory muffler bracket, muffler clamps, vacuum line and muffler.

- After the screws are removed, place them neatly and in an organized manner to avoid confusion when reinstalling them later.

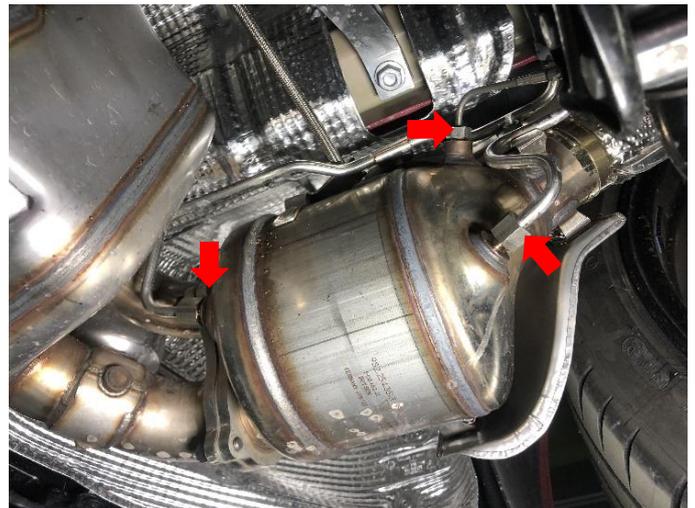
Caution: Ensure that the car is lifted properly to prevent the risk of vehicle damage, injury, or even death. Please allow time for the exhaust to cool down or wear protective material to avoid injury.



A-2

OPF version needs to loose all the OPF sensors and the axle pipe can be removed.

- After the screws are removed, place them neatly and in an organized manner to avoid confusion when reinstalling them later.



A-3

Remove in the black undercover

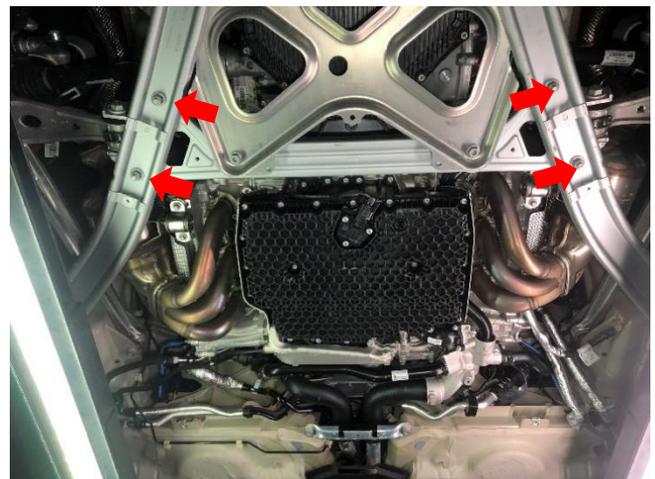
- After the screws are removed, place them neatly and in an organized manner to avoid confusion when reinstalling them later.



A-4

Loose both frame supports

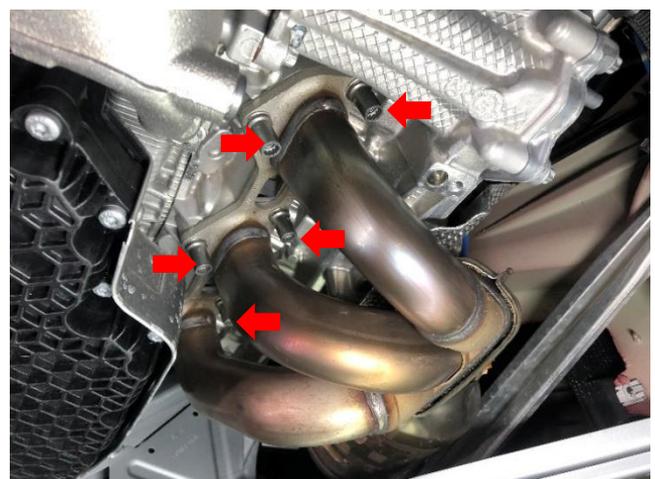
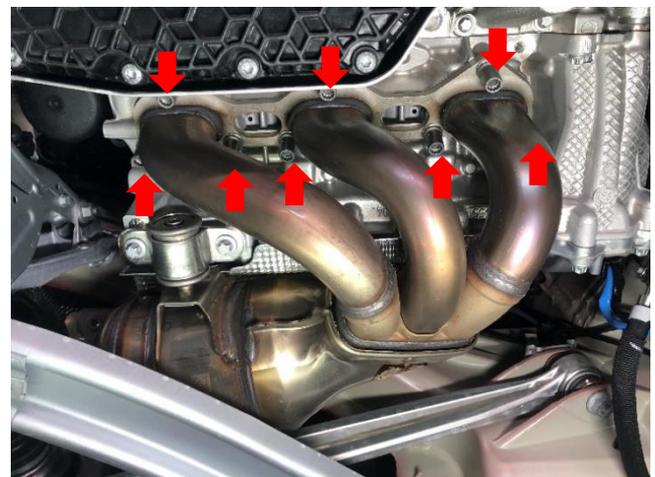
- After the screws are removed, place them neatly and in an organized manner to avoid confusion when reinstalling them later.



A-5

Loose both O2 sensor, the headers section can be removed then.

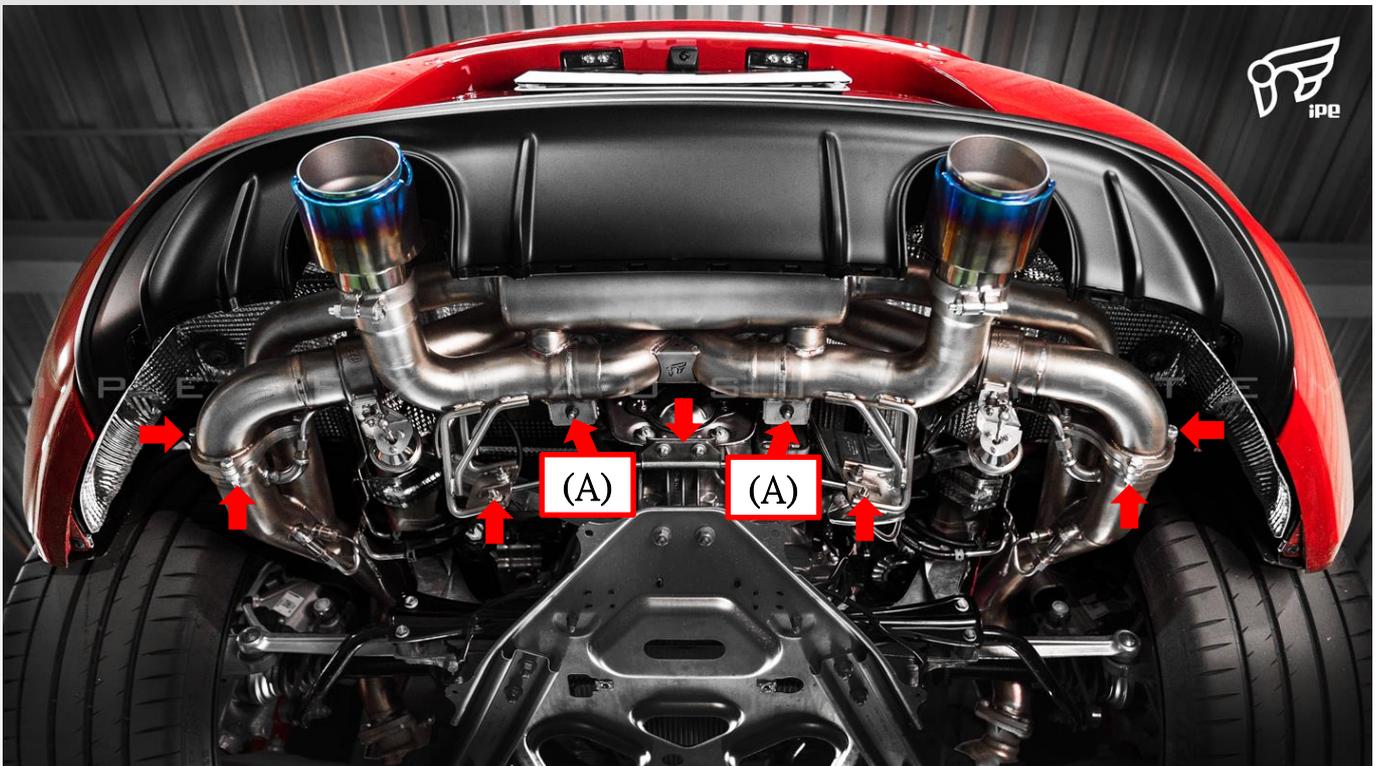
- After the screws are removed, place them neatly and in an organized manner to avoid confusion when reinstalling them later.



- Steps to installation of iPE Exhaust

B-1

1. Place the O2 sensor back on the iPE headers with cats and install back on the car.
2. Install the frame support and make sure not touching the headers
3. Axle pipes next and pre tie the clamps
4. Remove the factory muffler bracket and install on the iPE muffler
5. Install the muffler on the car and pre-tie all the screws
6. Put on the OPF sensor back to the axle pipe
7. Adjust the tips to a right angle and tie down all the screws
8. Plug in the vacuum line and check the valves whether working properly.



- We offer a 1 Year limited warranty with unlimited mileage. The warranty is void if the defect **is caused by customer's abuse, negligence, or mishandling. Customers are responsible for the** shipping costs for warranty claims. Labor costs and inconvenience caused are not included in our warranty claim. Please contact the original dealer for warranty details.
- While Innotech Performance Exhaust systems undergo long term product testing for each of our product, Innotech Performance Exhaust (iPE) does not hold any responsibility for any engine, emission and any other exhaust related engine or drivetrain failure. This is because of the different types of condition and equipment that each car carries and owner operation. Our systems are designed for "off-road" use only.

- With our exhaust system, you will learn to enjoy your car again with our patented sound waves and the performance gain in a exhaust system. With proper use our exhaust system will last the lifetime of your vehicle.
- Due to construction of the exhaust system, there will be a break in period for our muffler to settle in. This process is approximated around 300 miles or about 500 km. After this period, the sound level and tone will settle to its normal level.
- Periodic cleaning is needed to keep the appearance of your exhaust tips. Especially in area where road salt or sand is used. Extra care in cleaning should be taken if your vehicle is driven in these region. Use soap and water mix to do lighter cleaning and car wax for harsher cleaning only if necessary.