

## **2014-2018 Maserati Ghibli Top Speed Pro 1 Catback Exhaust**

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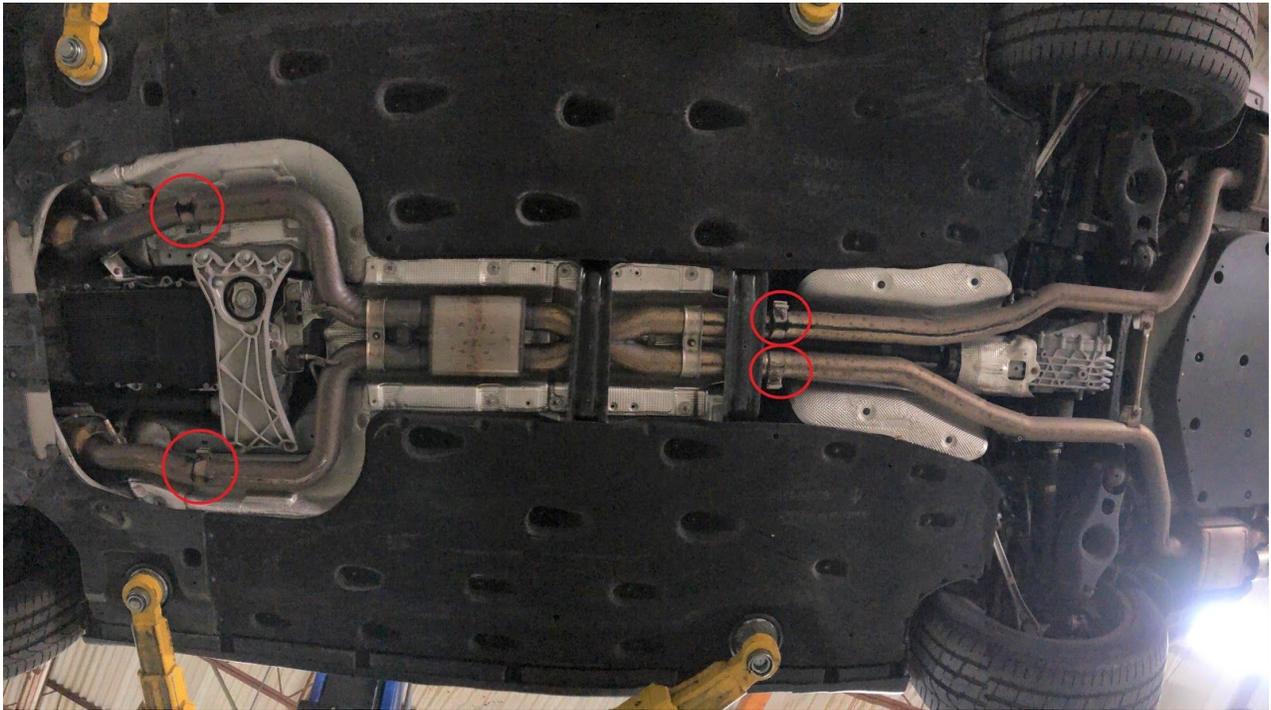
**DISCLAIMER:** Please read the instructions before installation very carefully. Ensure all necessary components are available. Top Speed shall hold no liability for any violation against local vehicle regulations or laws. Parts should only be installed by experienced automotive mechanics who have the necessary skill, training and tools to do the job correctly and safely. Incorrect installation can result in personal injury, vehicle damage and/or loss of vehicle control and may potentially damage the product. Any parts modified and/or damaged will void the product from warranty. Replace any loose or worn parts before beginning. Always use appropriate safety devices to support the weight of the vehicle while servicing any components and avoid any uneven road surfaces. Install at your own risk. Detailed Installation procedures vary heavily from vehicle to vehicle. This installation sheet should only be viewed as a general installation instruction. Top Speed is not responsible for damages for any reason in reliance of site information. Apply at your own risk. Professional installation is always highly recommended. Note: All Top Speed Pro 1 products are used for racing cars, vehicles operating on non-normal road conditions and also vehicles for demonstration purposes. Top Speed Pro 1 will hold no liability for the ban of this product due to local regulations or laws. Purchasers shall bear full liability for component installation. Top Speed Pro 1 also will not hold liability for any damage or death caused directly or indirectly from this product nor any installation error, including errors due to inadvertence.

**NOTE - For Dual Exhaust System:** If you tighten all exhaust hardware on one side before the other, this may cause binding and/or exhaust components to not line up properly. It is recommended to install all sections before final tightening of any hardware/clamp. Once the full system is installed. Start by tightening clamps/flanges at the front and then work your way towards the rear section. For best rear tip to bumper alignment, have a helper stand at the rear of the vehicle to hold exhaust tips in the desired location and then tighten the final clamps/flanges.

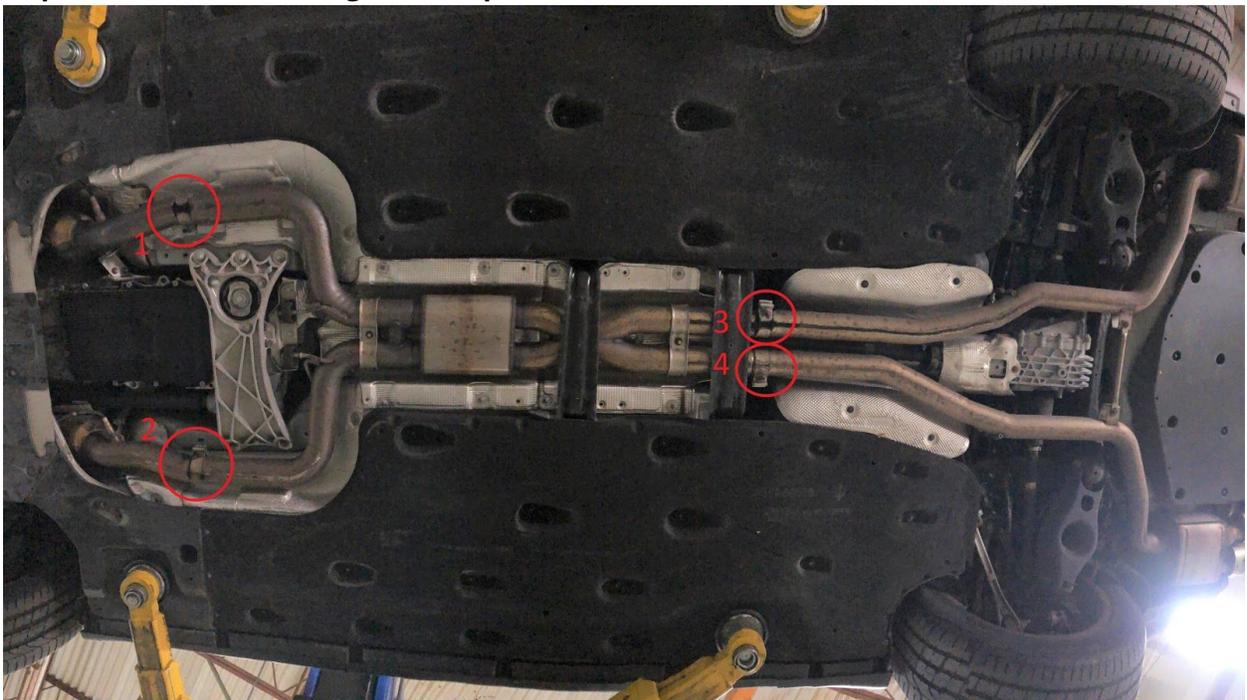


*OEM MASERATI GHIBLI EXHAUST (LEFT) VS TOP SPEED PRO 1 MASERATI GHIBLI EXHAUST (RIGHT)*

**Step 1. Spray all the clamps with penetrating oil. (optional but recommended)**



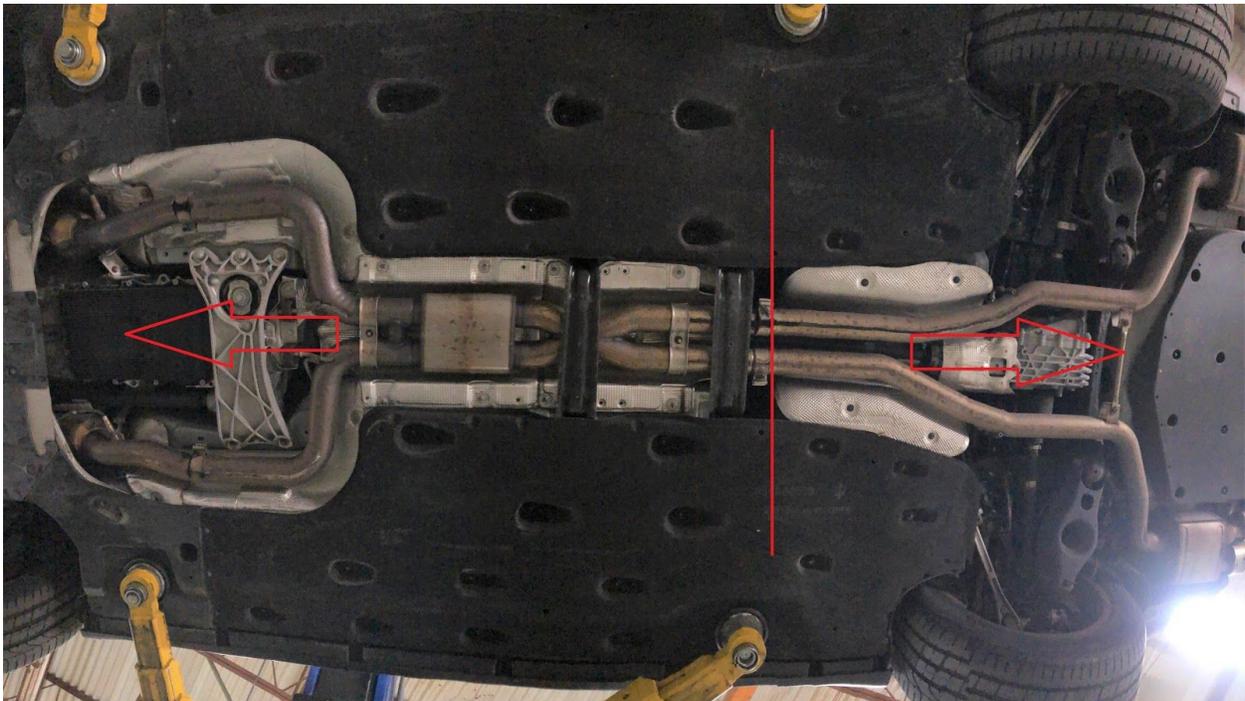
**Step 2. Start with loosening the clamps 1 and 2 and move on to 3 and 4.**



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**NOTE - Removing the 2 black support cross braces will give you more room and make over all installation easier, But this is not required.**

**Step 3. Start by removing rear muffler section first. Then the X-pipe, followed by the Y Section connected to the factory Catalytic converters. Use 2 people to lower the exhaust from the vehicle as it may be heavy.**



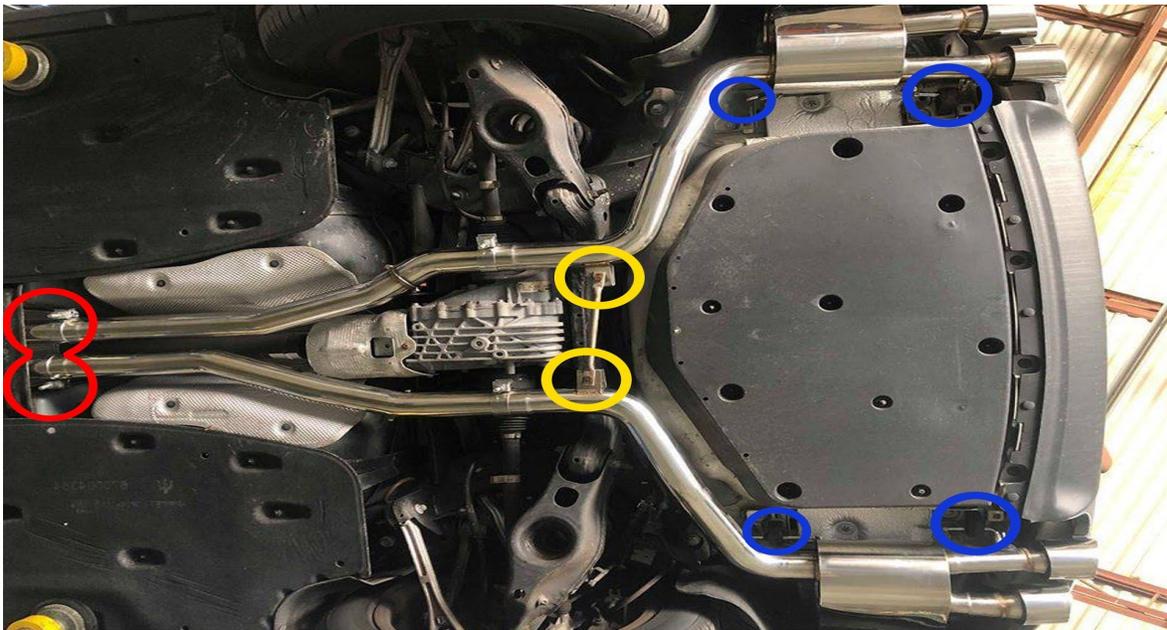
**Step 4 . when removing the muffler section you will need to disconnect the vacuum line from the valve. Plug the line with a vacuum cap and secure it out of the way with a zip tie as it will no longer be used.**



Step 5. With the original exhaust system removed, you are ready to reinstall your new TOP SPEED PRO 1 Catback. Start at the front by installing the y-pipe onto the factory catalytic converters. When installing make sure to work from the front of the car towards the rear of the car. Slide the Y section onto both pipes at the same time. ***Doing one side at a time will cause binding and fitment issues.*** Make sure to transfer factory rubber hangers onto the new system. Install the X-pipe section with the TOP SPEED logo facing *downwards*, or else it will not align properly.



**Step 6** When installing the rear muffler section you will need to start with the two connecting pipes coming from the X-pipe. *(circled in red)* Make sure to leave the clamps slightly loose until the entire system is mounted to the vehicle. When installing the muffler sections make sure to get the hanger mounts entirely through the rubber hangers *(circled in blue)* Reinstall the connecting brace. *(circled in yellow)*



**Step 7.** Once everything is installed, check adjustment and confirm clearance to all components such as sway bars, cross members, mounts, heat shields, etc etc.

*You may now tighten all clamps starting from the front of the vehicle working backwards.*

**Step 8.** Confirm tip to bumper fitment is even and desirable. Tighten Final Clamps.

Continued next page.

**NOTE - If tips move after final tightening, You may need to loosen and re-tighten clamps to obtain the most desirable tip to bumper fitment.**

- It's helpful to have a friend hold the tips in the most desirable position while you tighten the clamps.
- You can use a floor jack handle or similar to insert inside muffler to help maneuver the exhaust. Insert the metal bars inside the exhaust tips by adjusting left, right, up and down to achieve a perfect positions and spacing for both exhaust tips



**Step 9. Start the vehicle and listen for any rattles/check for any leaks. Do this quickly as the system will begin to get hot while vehicle is running**

**Step 10. Enjoy your new TOP SPEED PRO 1 Catback exhaust system**

**NOTE- A little smoke from the system is normal after first heat cycle. There is an oily coating on the inside of the piping that will burn off. The First 50-100 miles of driving will break in the muffler and resonator packing to allow sound level to reach full potential.**