



# iPE Exhaust

Automotive exhaust system engineering

***Ferrari GTC4Lusso T***

Product installation instruction

[WWW.IPE-f1.com](http://WWW.IPE-f1.com)








# Contents

1. Important information .....	2
2. Tools required for the installation .....	3
3. Ferrari GTC4Lusso T product assembly .....	4
4. Steps to remove the original exhaust and related key point.....	5
5. Steps and focused points for installing the iPE exhaust .... .....	12

# 1.Important information

- i. Please read the installation manual before installing the iPE exhaust.
- ii. Please install by the technician of the car exhaust system or familiar with the iPE exhaust system.
- iii. This manual provides detailed installation instructions to ensure proper use and disassembly that the iPE exhaust is properly installed and used. If improper use and disassembly, the company does not assume any responsibility for loss and personal injury.
- iv. When installing the iPE exhaust system, please lock according to the torque value of the manual to avoid abnormal damage to the screws and nuts.
- v. If the exhaust pipe of the car still at a high temperature, please wear insulated gloves for the exhaust pipe installation work, or install it after cooling down.
- vi. Before starting, be sure to wipe off the oil on the exhaust pipe to avoid burning and high temperature.
- vii. The iPE exhaust system is designed according to the original engine data. If the computer is upgraded to change the engine parameters, the exhaust pipe may generate resonance, resonance or other abnormal sound. iPE can provide a modified version of the exhaust pipe for such vehicles.
- viii. If you have any questions about this installation instruction or use of the iPE exhaust system, please contact your local iPE dealer or contact us at [info@ipe-f1.com](mailto:info@ipe-f1.com).

## 2. Tools required for the installation

Tool name	Tool appearance
<b>Rust inhibitor / lubricant</b>	
<b>Hexagon socket 10 、 12 、 13 、 14mm</b>	
<b>Outer hex wrench 12 、 13 、 14mm</b>	
<b>Torque wrench</b>	
<b>Star screwdriver</b>	
<b>Word screwdriver</b>	
<b>Star socket</b>	

### 3. Ferrari GTC4Lusso T product assembly



#### 4. Steps to remove the original exhaust and related key point

Lift up the vehicle to the working position.

1. Remove the both side rear wheels, inner wheel arches and lower guard.

(Fig 1)



Fig. 1

**Warning: Please put in park before lifting up, clear the surrounding area and pay attention to the height to ensure the safety of people and vehicles!**



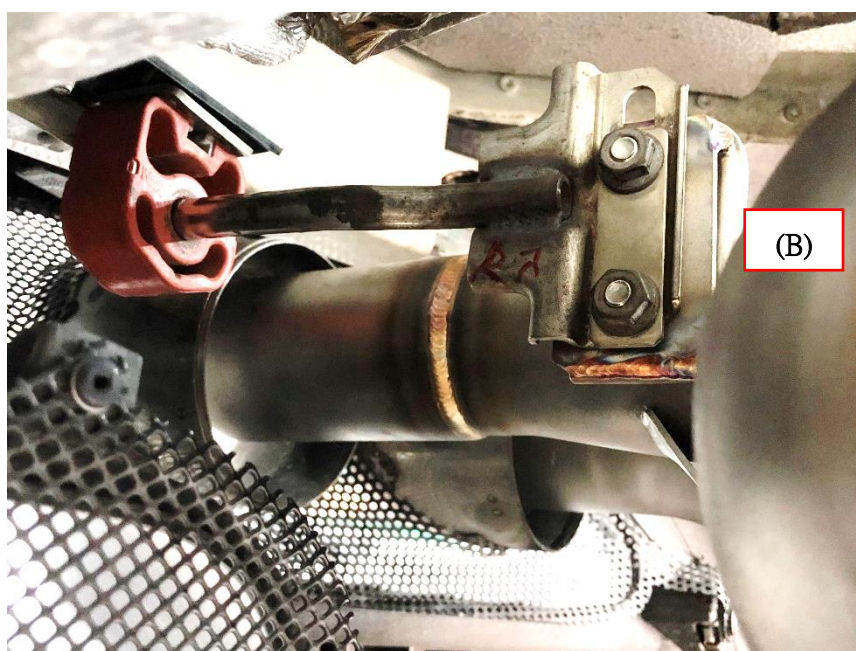
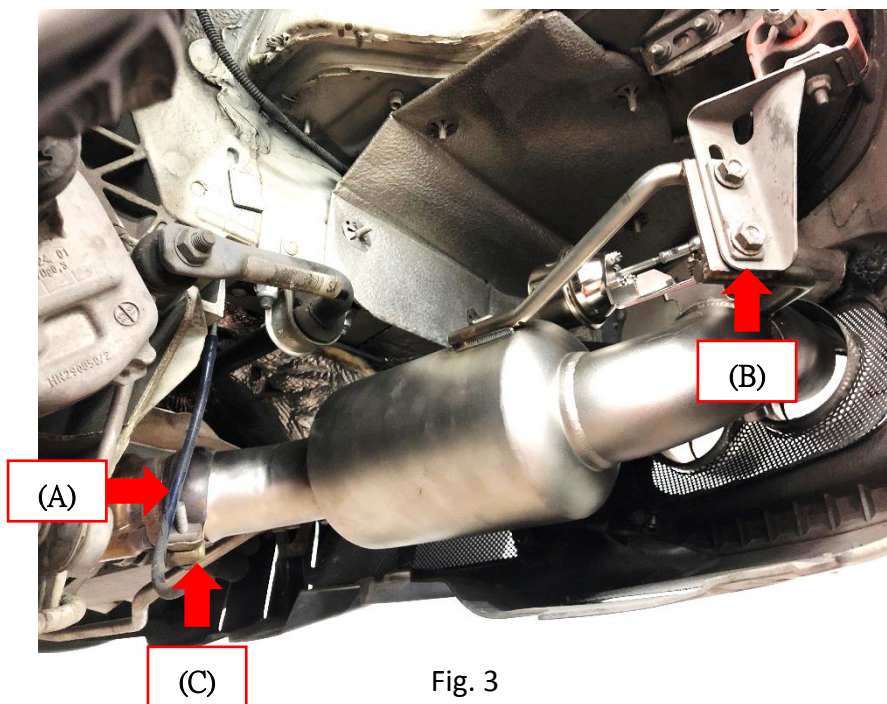
2. Remove the muffler's connecting rod. (Fig 2)



Fig. 2

**Warning: Do NOT use organic solvents such as lubricants or rust remover when the exhaust pipe with high temperature.**

3. Remove the original valve vacuum tube. (Fig 3A)
4. Remove the muffler's bushes(Fig 3B) and clamps (Fig 3C), then unload the muffler.



**Warning: Use appropriate tools to remove the exhaust valve vacuum tube.**

**Improper removal will damage or break the vacuum tube!**



5. Remove the original tips. (Fig 5)



Fig. 5

**Warning:** After the screws are removed, placed neatly to avoid confusion during reinstall.

6. Remove bushes from the front of the muffler and move them backward so that have space to removal the mid pipe. (Fig 6)

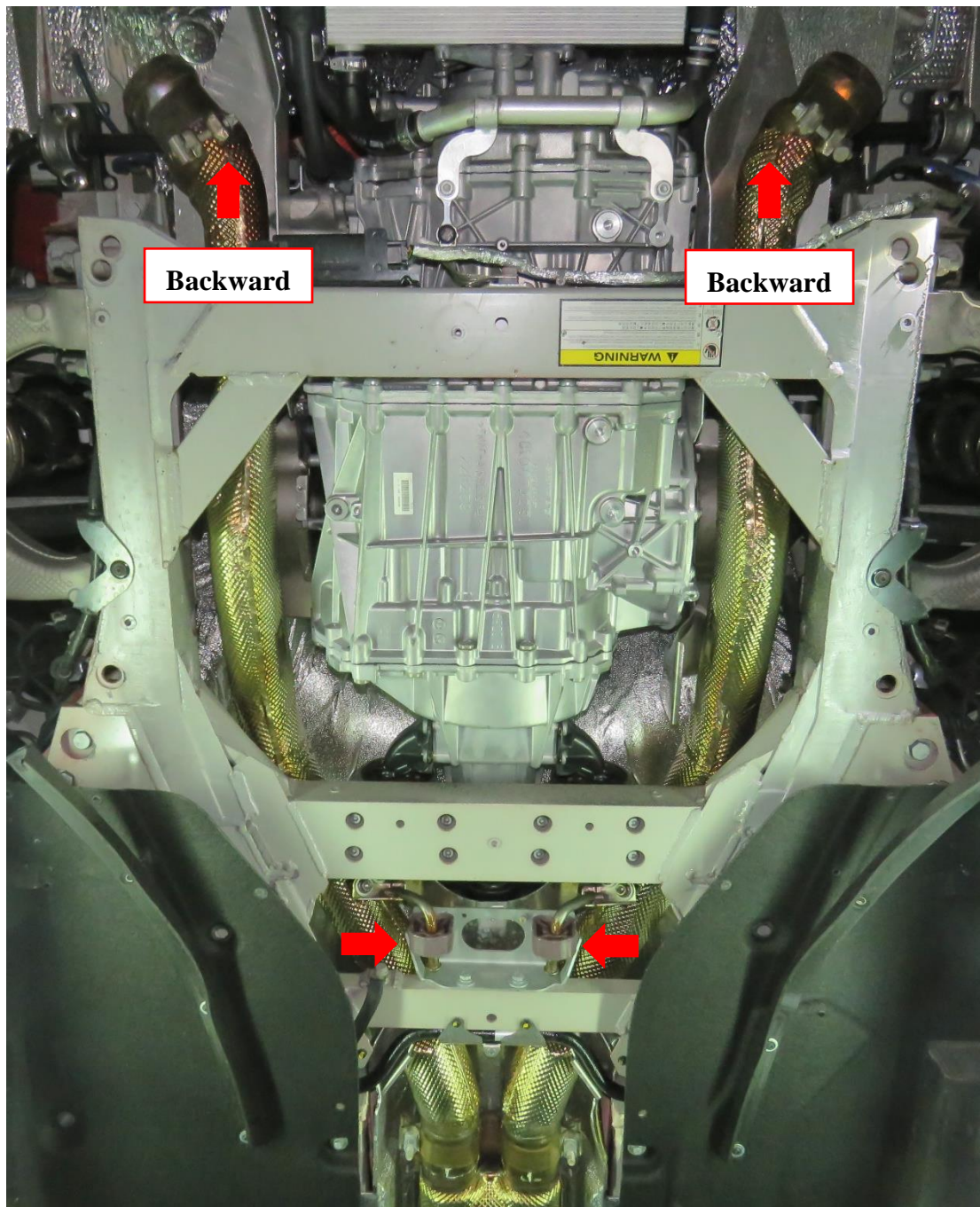


Fig. 6



7. Loosened the mid pipe clamps, then move muffler connect tube backward to unload the mid pipe. (Fig 7)

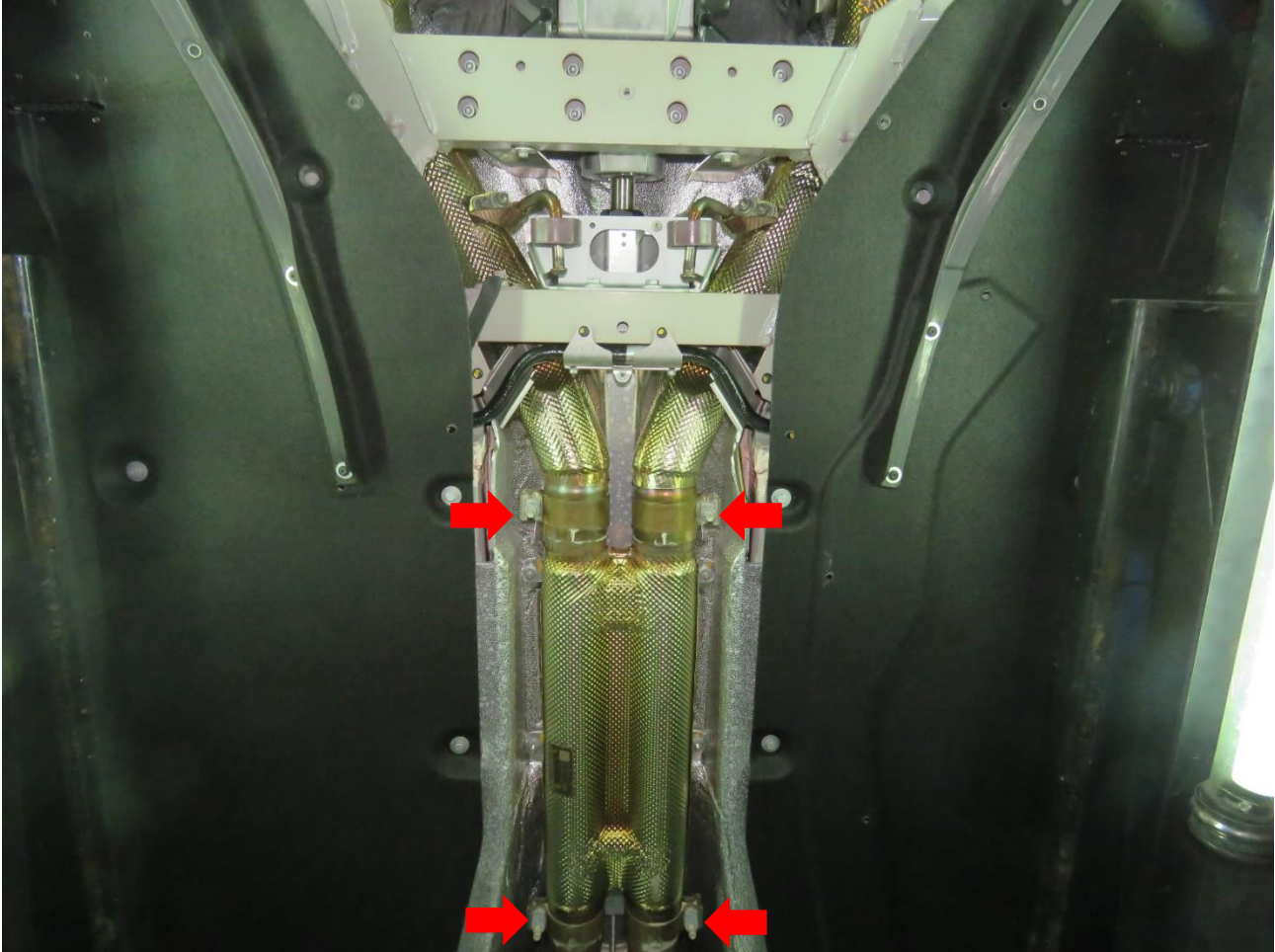


Fig. 7

8. Remove the front lower guard, the original cat pipe, front and rear clamps, oxygen sensors, then the cat pipe can be removed. (Fig 8~10)

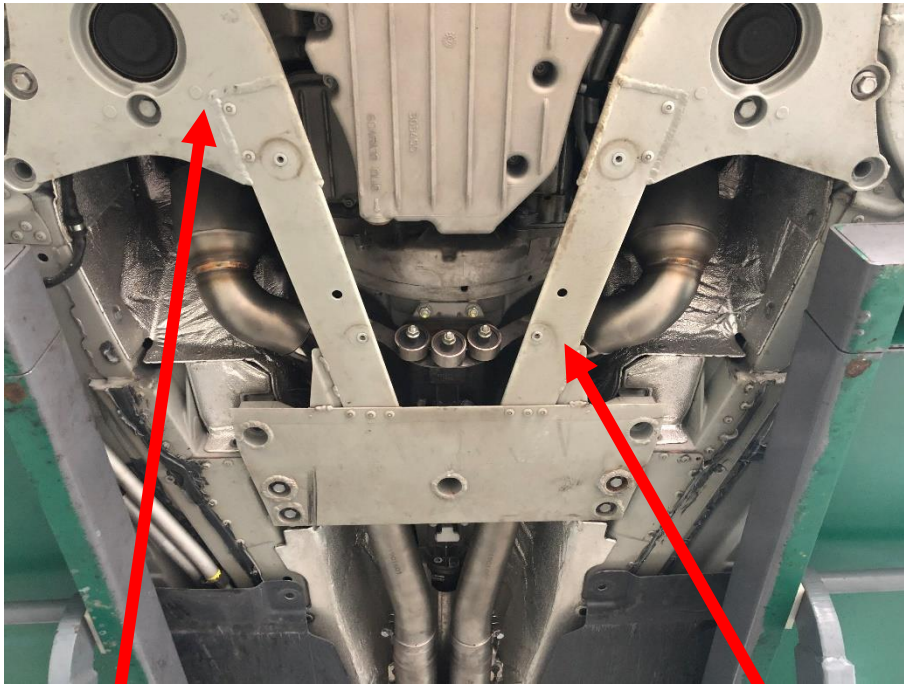


Fig. 8



Fig. 9

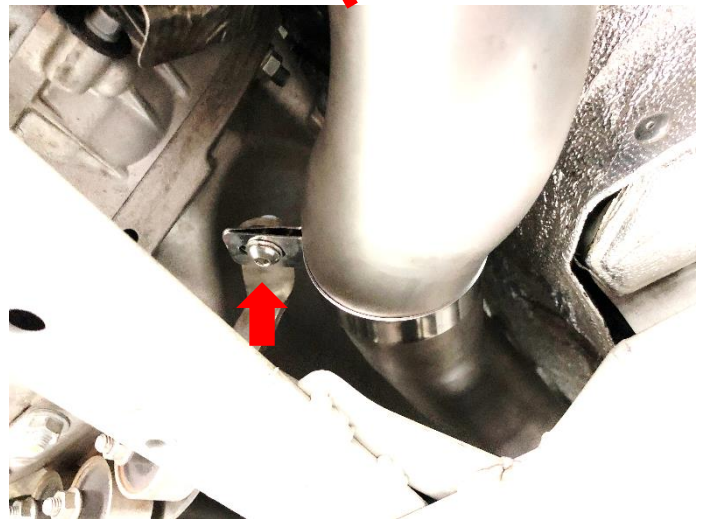


Fig. 10



## 5. Steps and focused points for installing the iPE exhaust

1. Install the cat pipe oxygen sensor.
2. Install the cat pipe, lock the front and rear clamps first, and then install to adjust the mid pipe. (Fig 11)

**Warning: lock these screws with proper torque setting.**

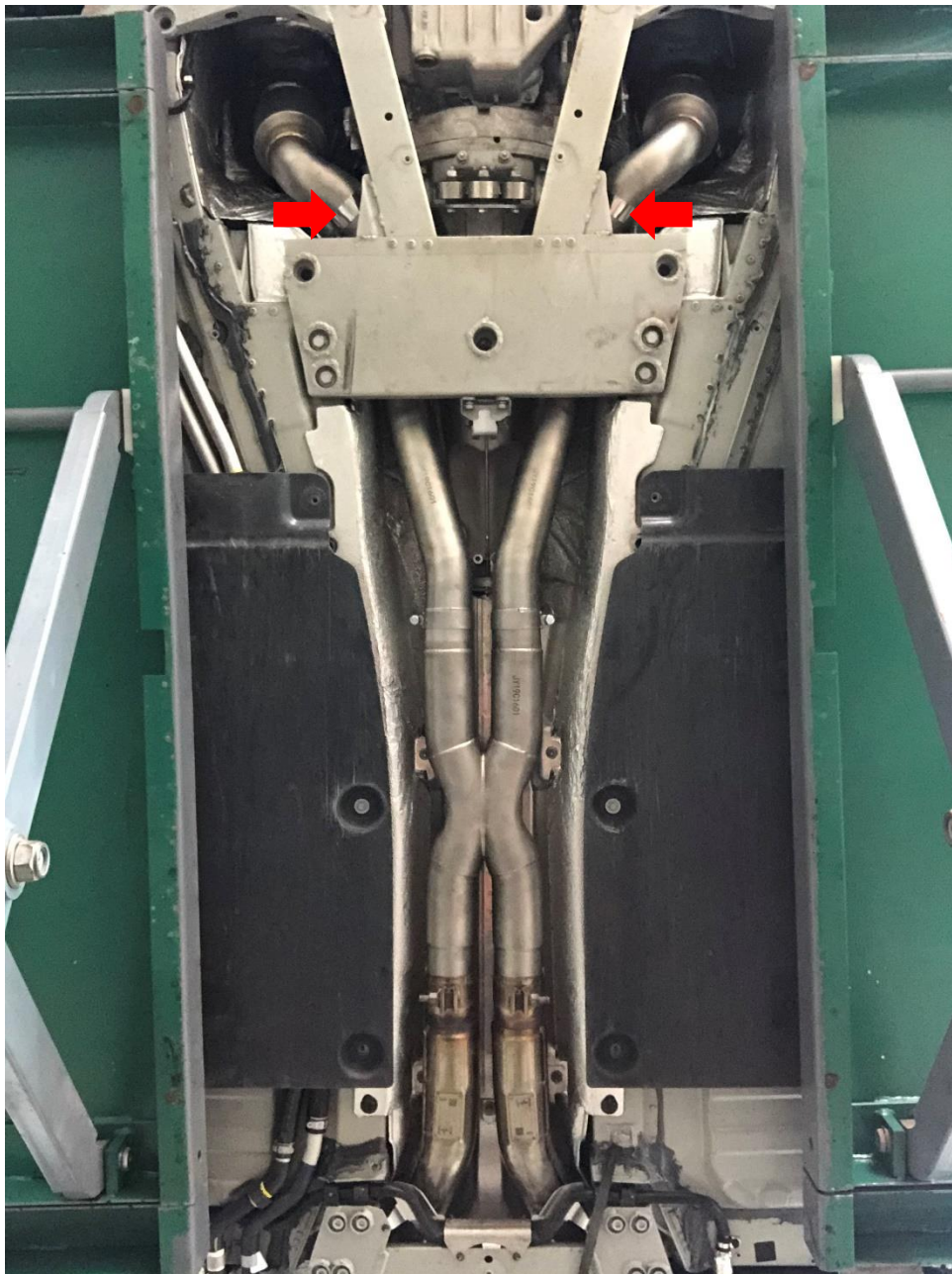


Fig. 11

3. After the mid pipe is installed, adjust the clamps and lock it. (Fig 12)

**Warning: lock these screws with proper torque setting.**

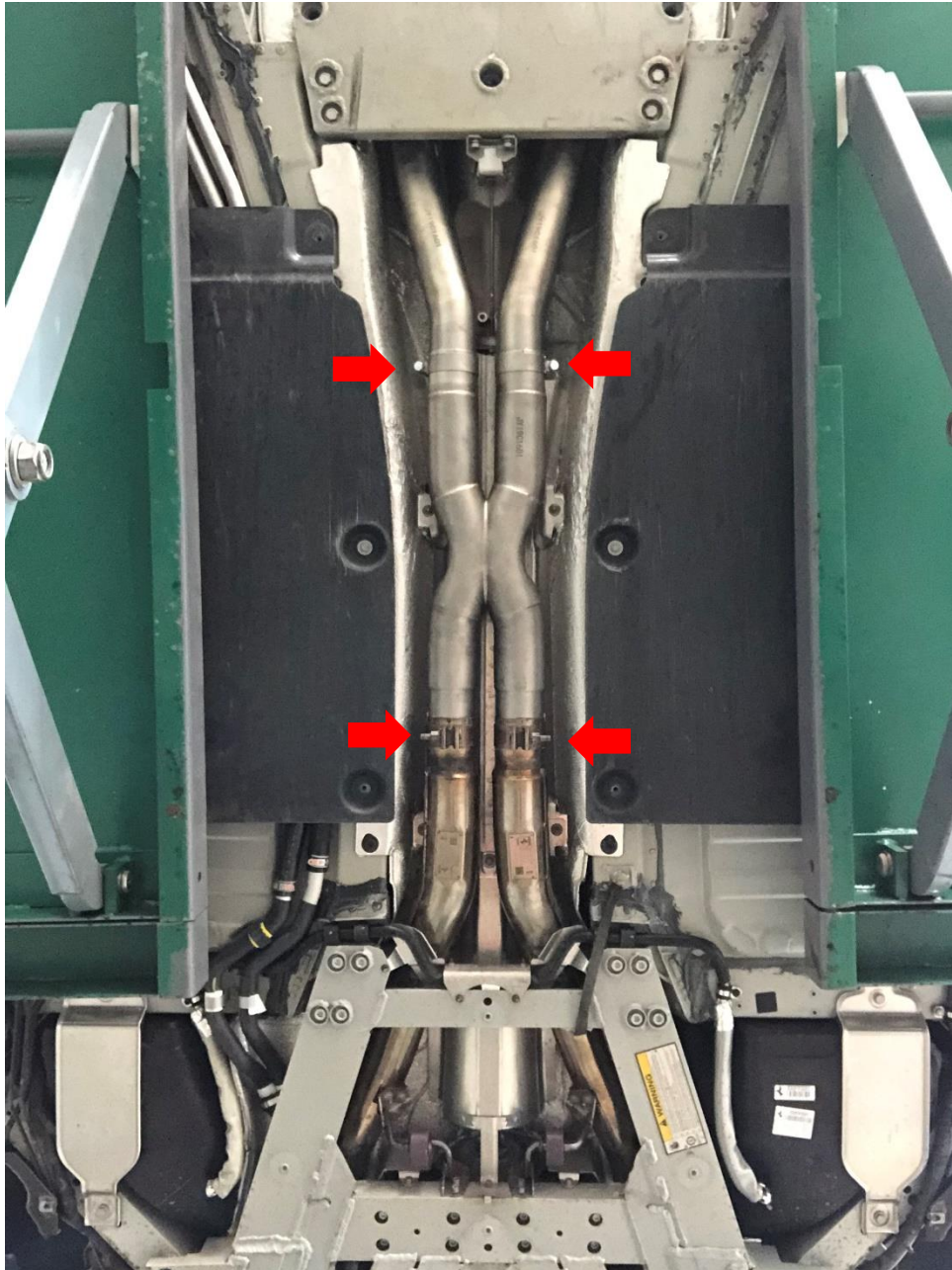


Fig. 12



4. Install the tips from the inside out, and then fix the screws (Fig 13)

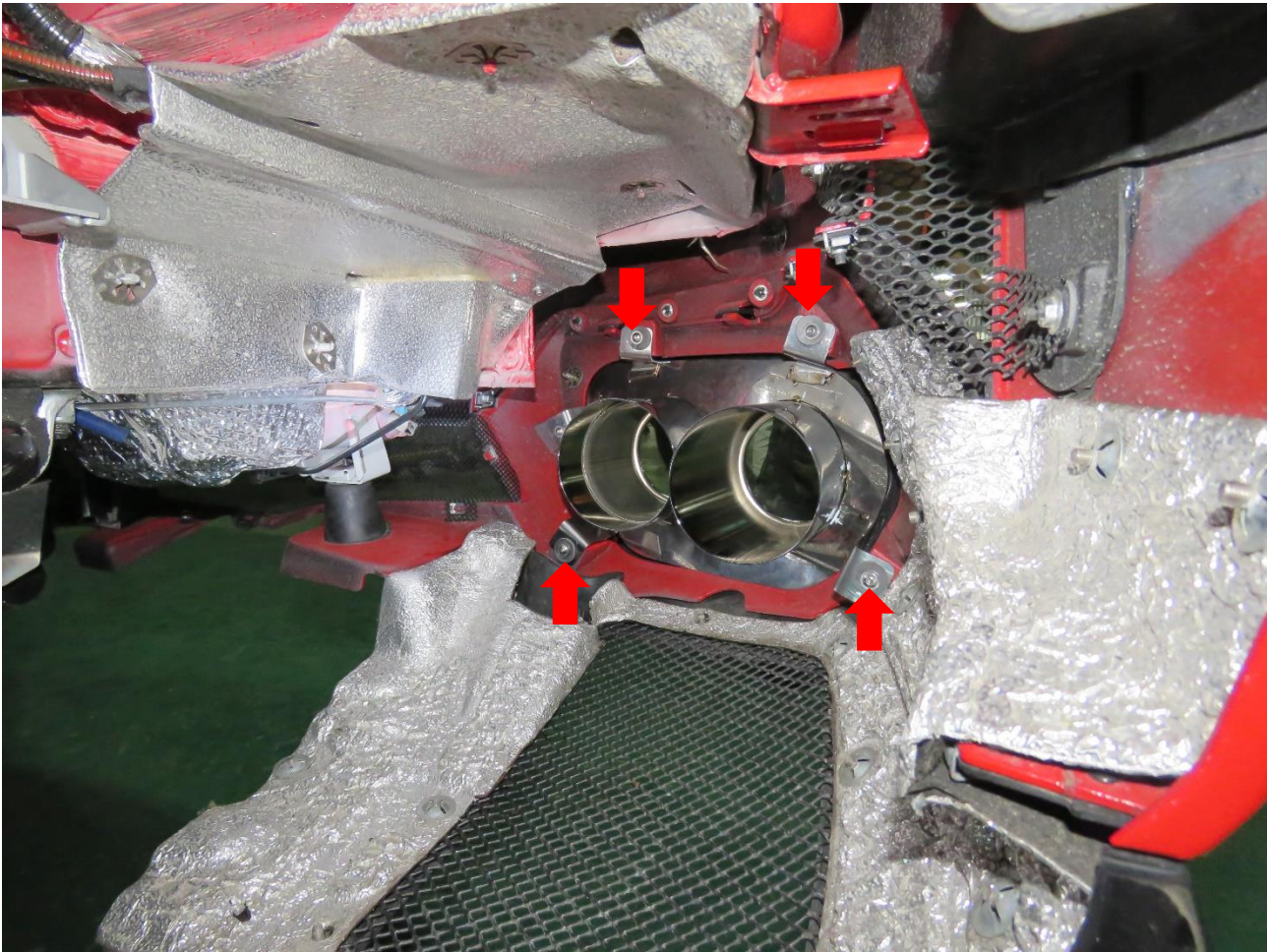


Fig. 13

5. After the muffler is installed, the bushes are fixed right position without locking. (Fig 14~15)
6. Make sure the muffler outlet and tips remain centered and then lock the bushes.

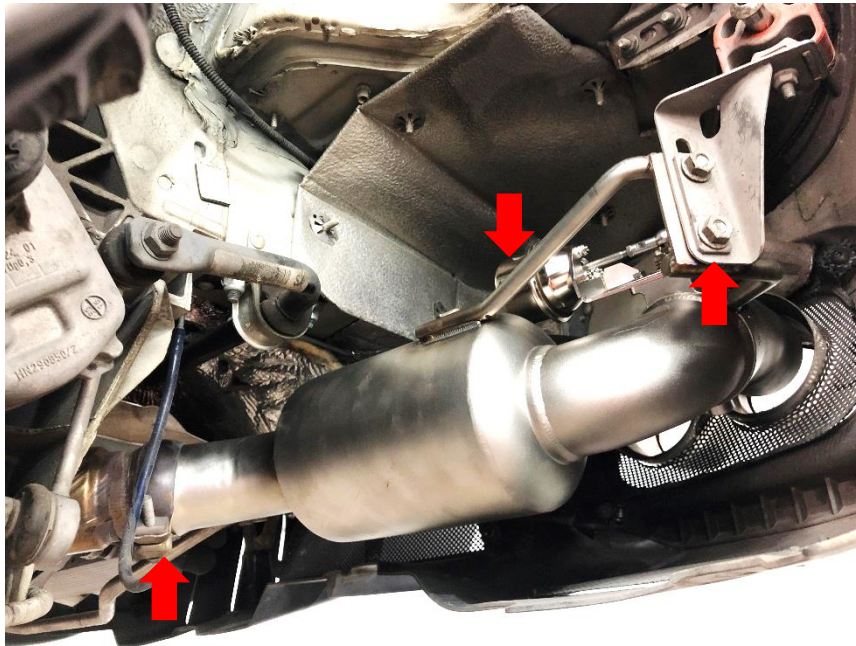


Fig. 14

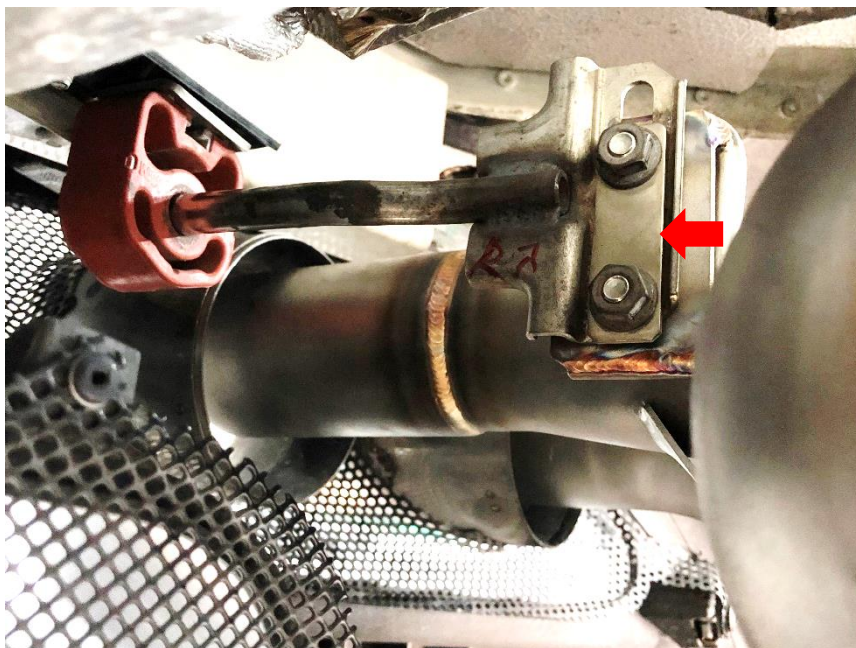


Fig. 15



7. Tighten the muffler clamp and lock the muffler rod. (Fig 16)

**Warning: lock these screws with proper torque setting.**



Fig. 16

8. Attach the original vacuum tube to the two-way and extended vacuum tube, and connect it to the iPE muffler. (Fig 17)

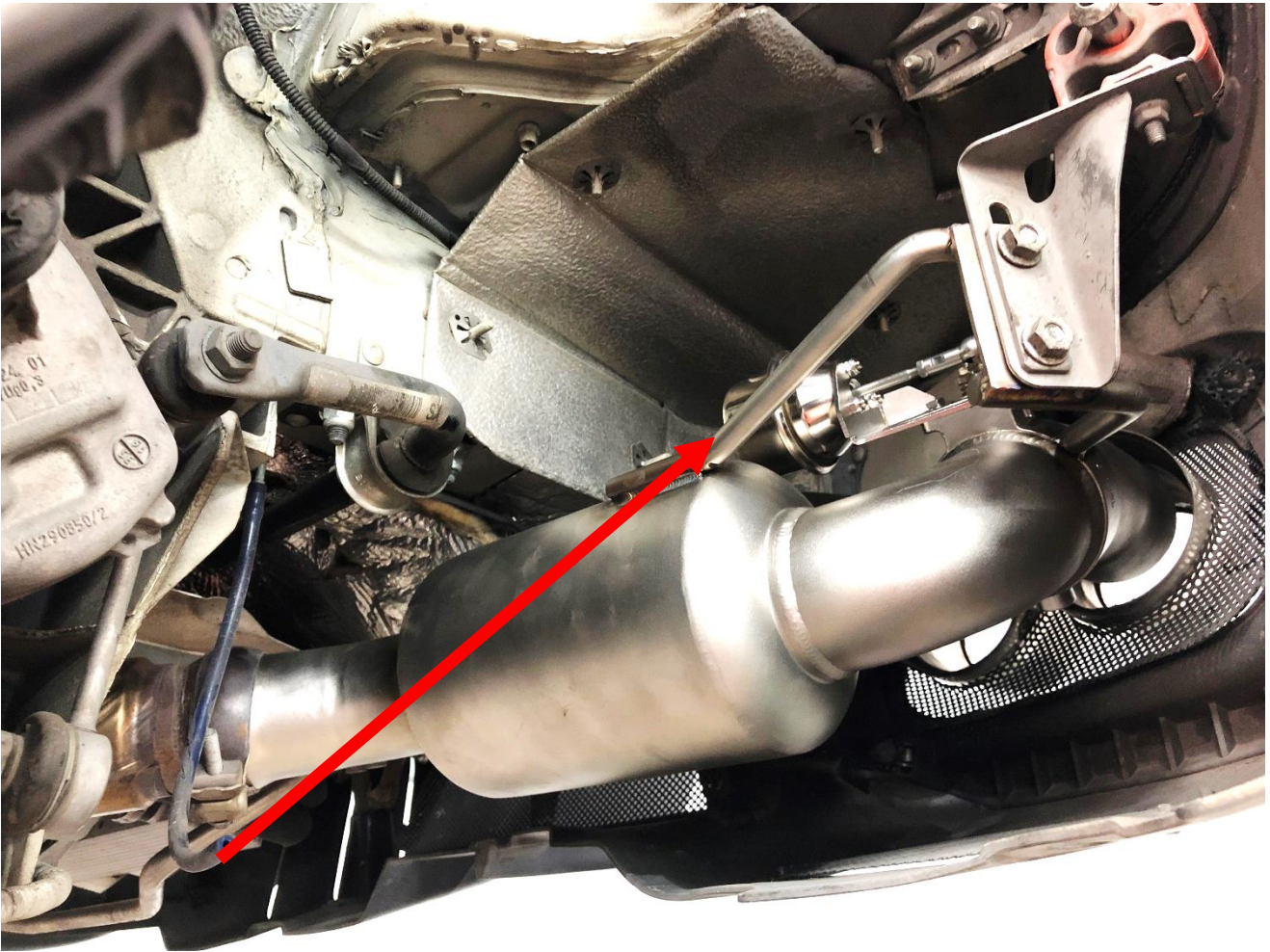


Fig. 17

9. Install the both side rear wheels, inner wheel arches, diffuser in order to complete the exhaust installation.