

Installation instruction do88 performance Intercooler pipes for Porsche 911 Turbo / Carrera (992)

This instruction shows how to replace the OEM intercooler pipes with do88 performance intercooler pipe kit.

At this type of installation we always recommend that you have mechanical experience and knowledge about safety during work on vehicles.



Parts included:

1. Intercooler pipe left side
2. Intercooler pipe right side
3. Turbo outlet hose left side
4. Turbo outlet hose right side
5. Intercooler Inlet hose, 2 pcs
6. Hose clamp constant tension 40-60mm, 2pcs
7. Hose clamp constant tension 60-80mm, 2pcs
8. Hose clamp 60-80mm, 2pcs

Part number: TR-310

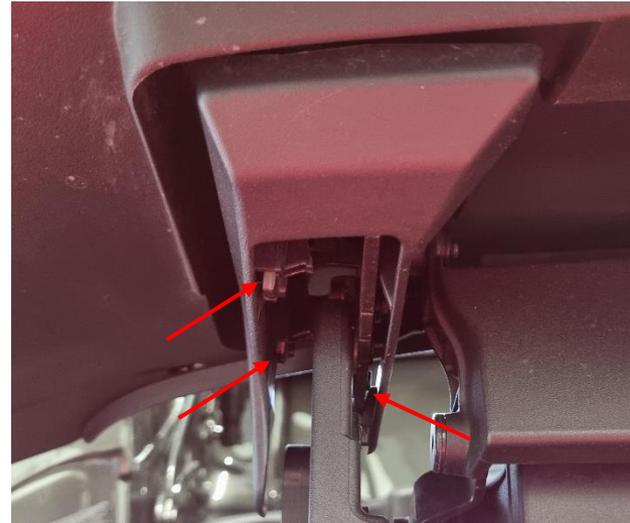
This installation instruction are based on our installation performed on a Porsche 992 Carrera 2020. Other vehicles this product fit to might have some differences in the installation procedure.



1. In the car settings in the center screen, raise the spoiler to its top position.



2. Remove the plastic covers underneath the spoiler. Gently pry the three locking tabs with a screw driver.



3. Remove the brake light from the spoiler. Gently push a short flat screwdriver into the holes in the two marked positions and pry the light loose. Disconnect the cable and separate the cable and grommet from the spoiler.



4. Remove 2x Torx T30 on each side of the spoiler mechanism. Then remove the spoiler by pulling it upwards.



5.

- Fold down the spoiler mechanism (make sure to not pinch the brake light cable)
- Lower the door windows
- Open the front hood
- Turn ignition off and store the key at distance from the car so it don't sense the keyless function.



6.

- Disconnect the negative battery terminal. (If you skip this step, you might get fault code for the spoiler). **Important!** Do not close the front hood until the installation is completed and the battery terminal has been re-connected.



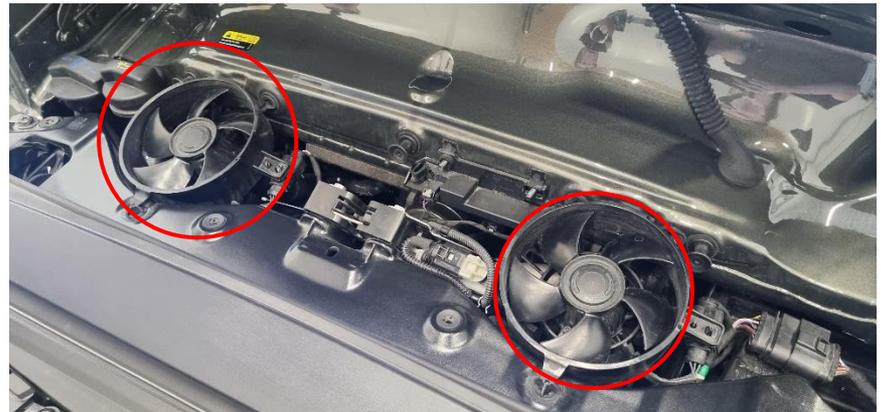
7.

- Remove both plastic covers above the rear lights.
- Remove the plastic cover above the fans. You will need to open engine oil and coolant cap. Make sure engine is cold! before doing this. (Reinstall the caps after plastic cover has been removed).



8.

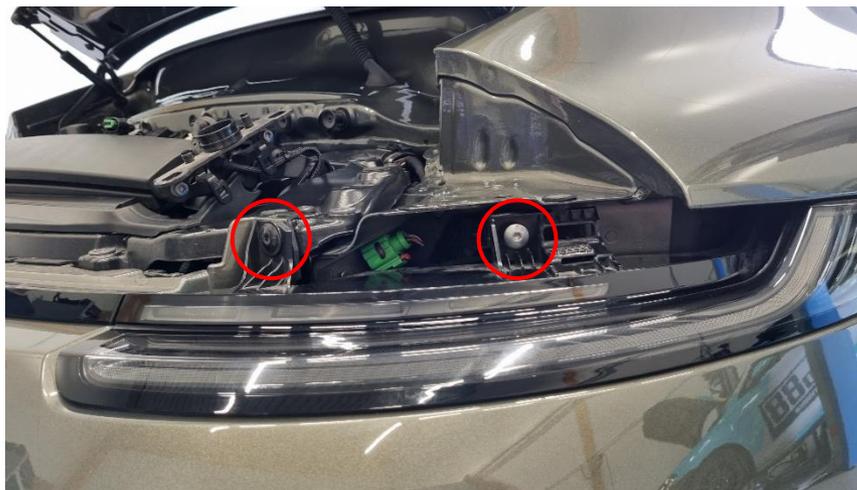
- Disconnect and remove both fans.



9. Remove the large rear light. 6x Torx T30 screws.
Disconnect one cable connector on each side.



10. Remove both outer rear lights. 2x Torx T30.
Disconnect the cable connectors.



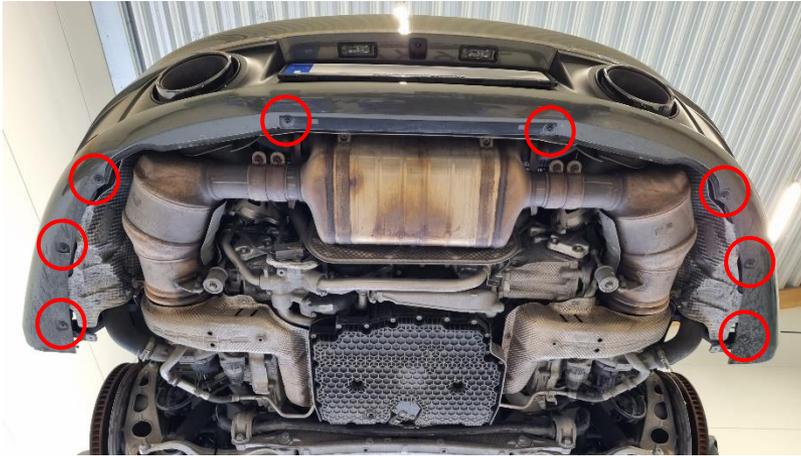
11. Jack up the car safely and remove both rear wheels.



12. Remove the rear inner wheel arch plastic on both sides. 1x Torx T30 / 4x Torx T25 / 1x Hex 10mm plastic nut.



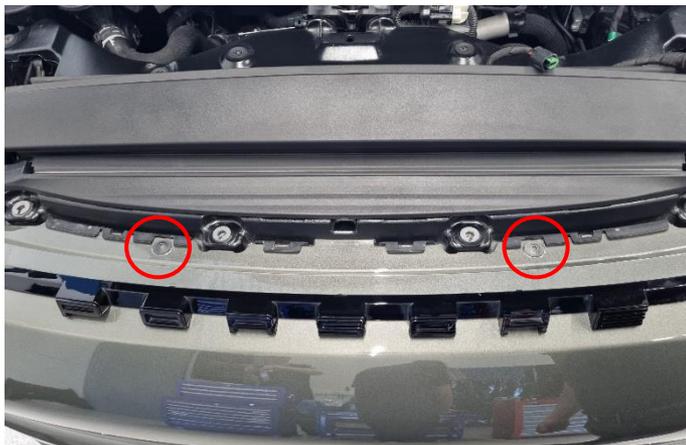
13. Remove 8x Torx T30 located in the bottom of the rear bumper cover. For installation purpose, note that the two in the middle has different threads.



14. Inside each rear wheel housing remove 3x Torx T30 that holds the rear bumper. The upper of these three screws is hidden behind the wheel arch plastic.



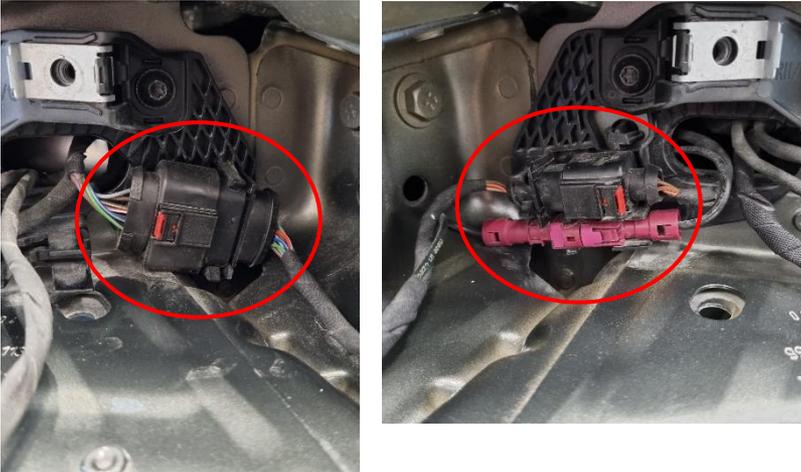
15. Remove 2x Torx T30 located top center of the rear bumper cover.



16. Remove the final two screws for the rear bumper cover located in the space for the rear lights. 1x Torx T30.



17. Disconnect the left and/or right cable connectors for the rear bumper. Number of connectors depends on equipment installed in the car.



18. With the help of a friend gently pull the rear bumper wheel arch corners outwards and then remove the rear bumper.



19. Remove the spoiler mechanism. 4x Torx T45 and 1x cable connector.



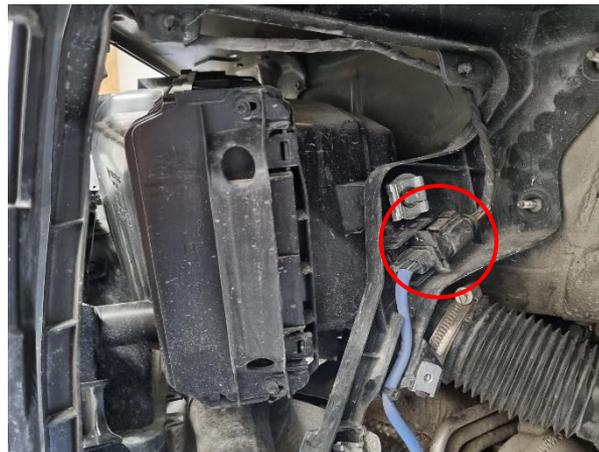
20. On both sides remove the two air ducts.



21. Remove four screws that holds the heat shield.
4x Torx T25.



22. Disconnect the oxygen sensor cable connector and gently pry the cable clips free from the plastic cage.



23. Remove the turbo inlet duct. 1x hose clamp, 1x Torx E10 (V-band), breather hose (right side only)



24. Loosen the turbo outlet hose clamp.



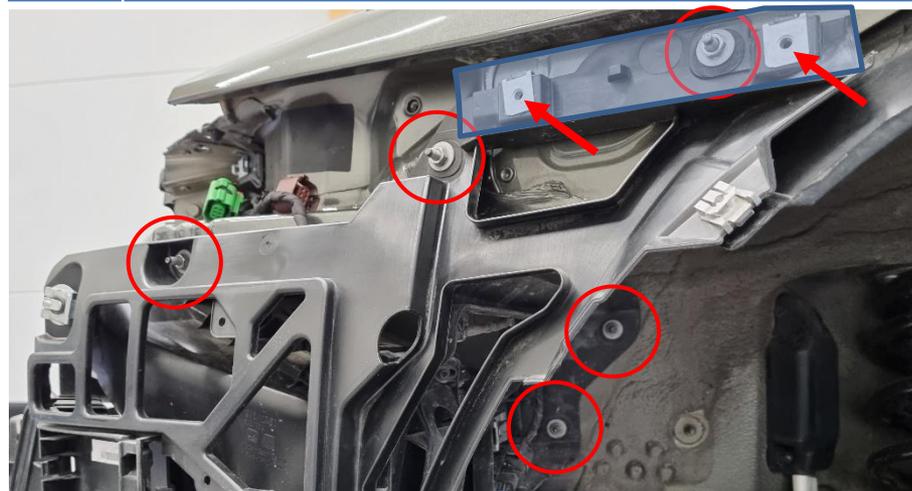
25. Remove the intercooler inlet hoses and the BOV hoses from air boxes.



27. Remove 1x Torx T30 / 10mm Hex Screw.



26. Remove 2x Torx T30 and remove the bumper cover holder that sits in the area marked with blue. Then remove 5x Hex 10mm nuts for the plastic cage.



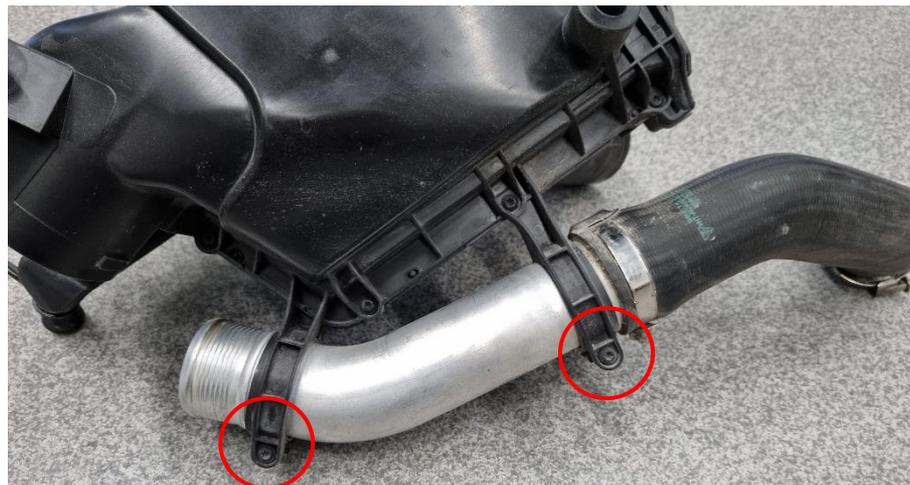
28. Now remove the entire plastic cage. On the right side you need to disconnect the vacuum line. Do this in the joint in between the plastic pipe and the rubber hose.



- 29.** Remove the air filter box from the plastic cage. 3x metal clips.



- 30.** Remove and discard the charge pipe and the rubber mounting rings from the air filter box. 2x Torx T25.



- 31.** Install the do88 intercooler pipes into the air box mountings without the rubber mounting rings.

- 32.** Install remaining parts in reverse order except that the hoses that connects the intercooler pipes to the turbochargers and the intercooler are replaced with the included silicone hoses and clamps.