

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

This instruction shows how to replace the OEM plenum with do88 performance plenum.

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

Parts included:

1. 1pc do88 Plenum assembly
2. 2pcs Silicone hoses
3. 4pcs hose clamps 50-70mm
4. 1pc Rubber vibration damper
5. 4pcs M6x40 Screws
6. 1pc o-ring 80x2,5



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.



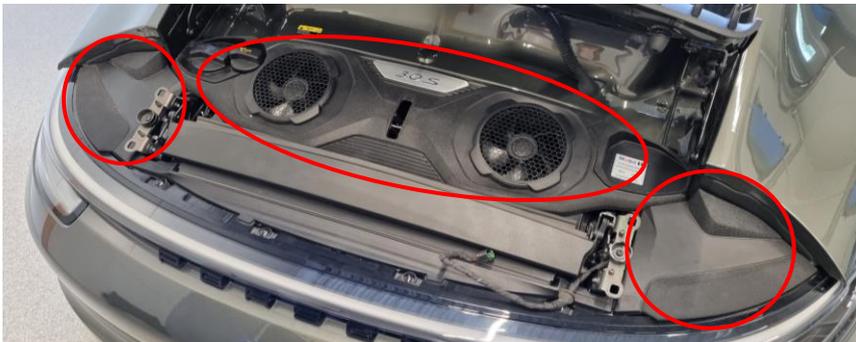
6.

- 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.



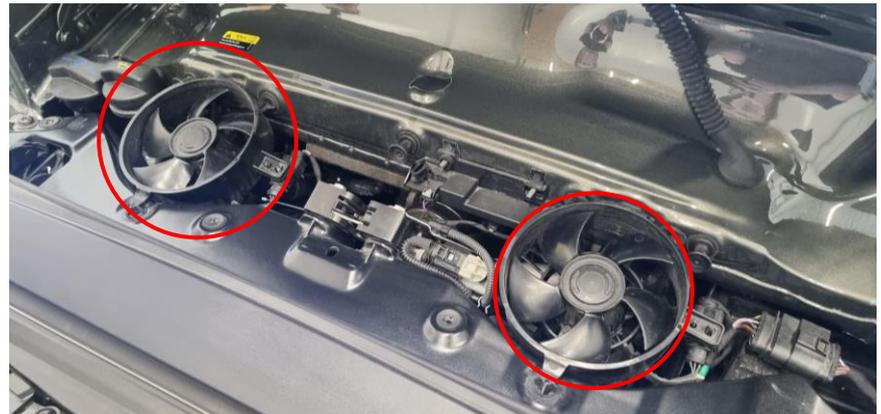
7.

- 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.

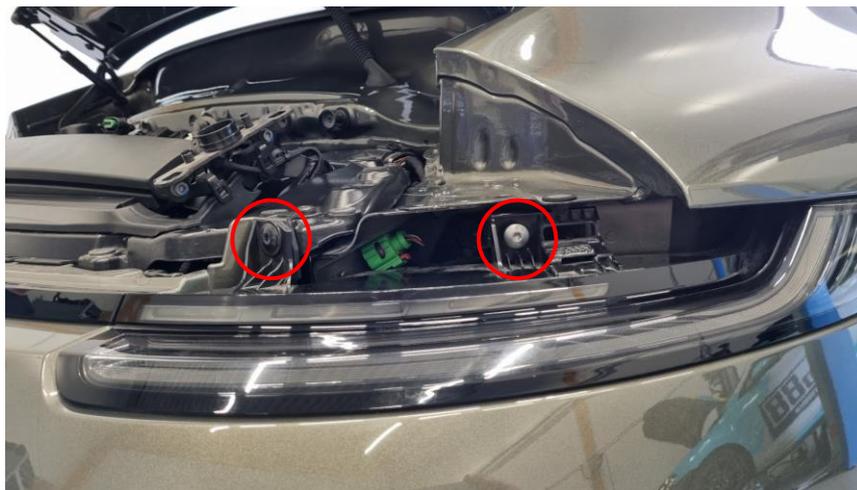
- Disconnect and remove both fans.



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.



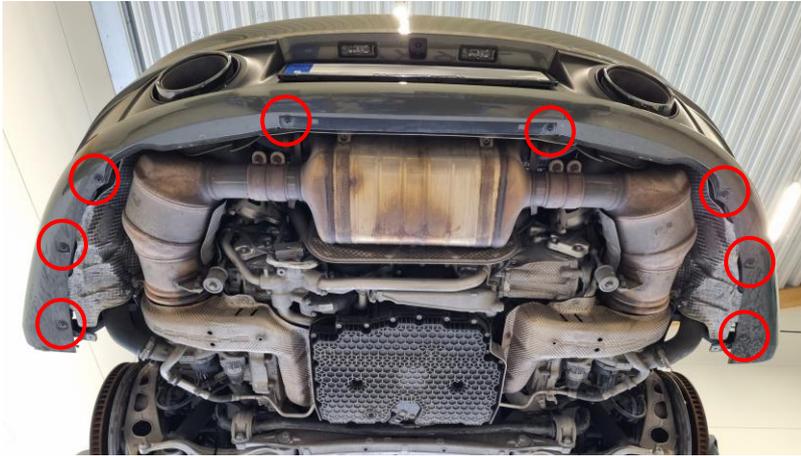
11. Jack up the car safely and remove both rear wheels.



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.



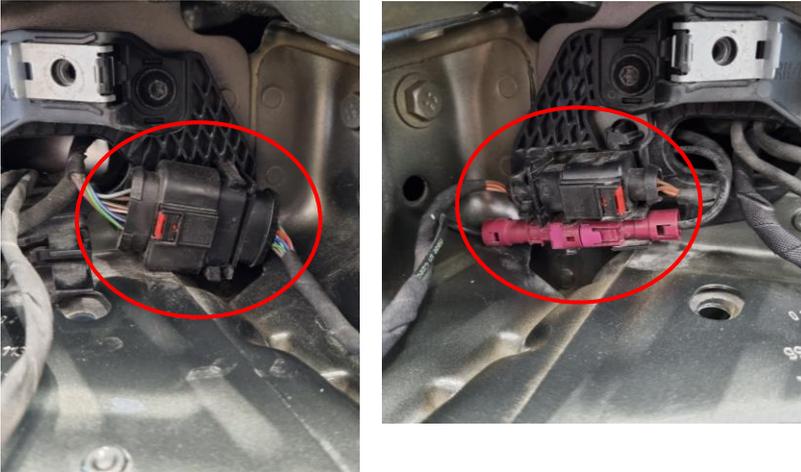
15. Remove 2x Torx T30 located top center of the rear bumper cover.



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.



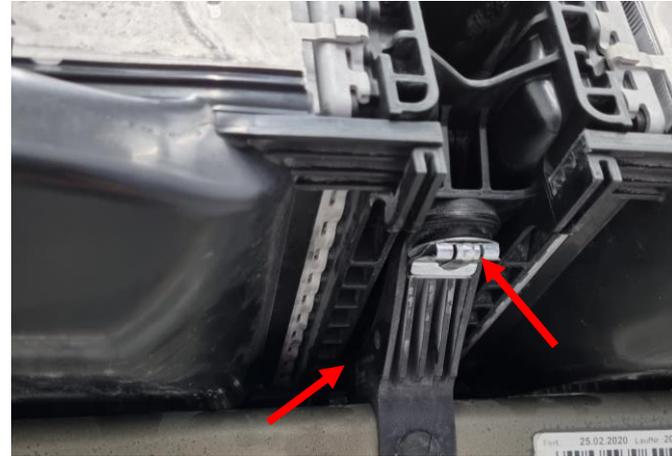
20. On both sides remove the two air ducts.



21. Remove the crash bar. 4x Hex 13mm on each side.



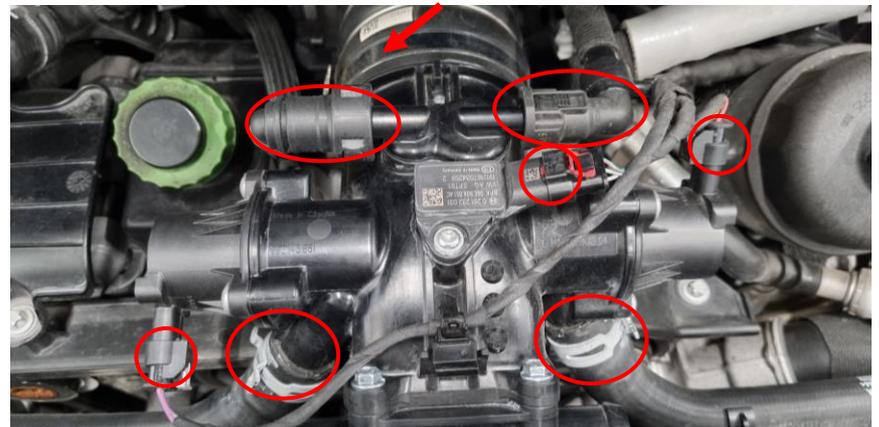
22. Remove the two clips and washers from the center intercooler bracket. It is a tight space to reach the front clip but can be done using two screw drivers.



23. Remove 1x Hex 10mm screws on each side of the intercooler.



24. Disconnect 3x cable connector / 1x cable holder / 2 x vacuum lines / 2x rubber hoses to the BOV:s. Also loosen the hose clamp to the throttle body hose.



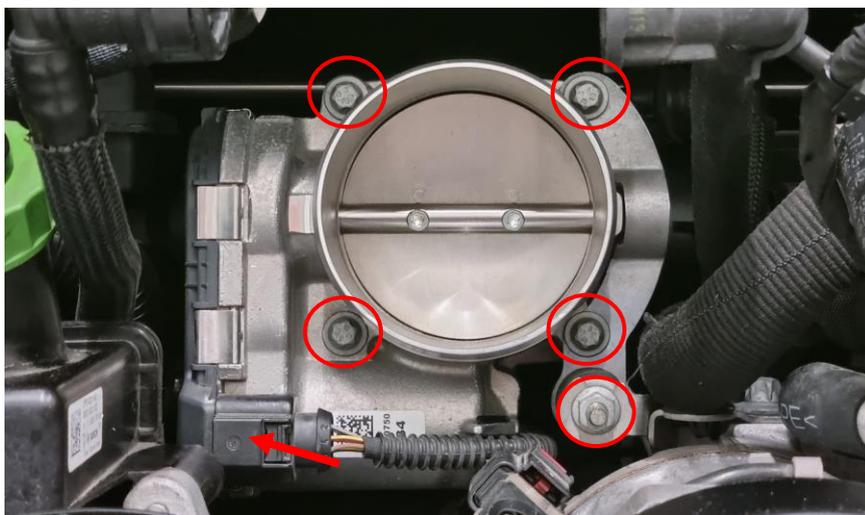
25. Loosen hose clamps and then remove the intercooler inlet hose on both sides. Then lift out the intercooler from the car.



26. Remove the throttle body hose.



27. Remove the throttle body. Disconnect cable connector, 4x Torx E10 screws and 1x Hex 10mm nut.



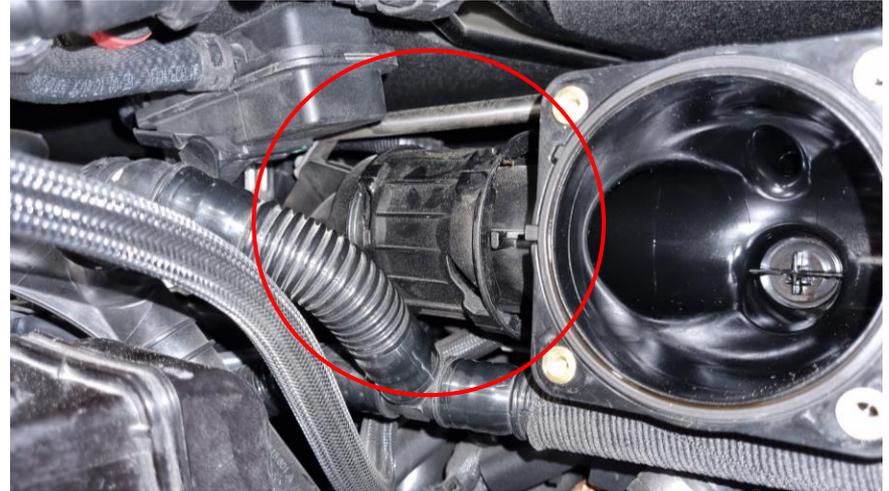
28. Disconnect the rear vacuum line from the plenum.



29. Loosen the square plastic tank and push aside to give more space. Also loosen other small ducts and parts that will give more room around the plenum.



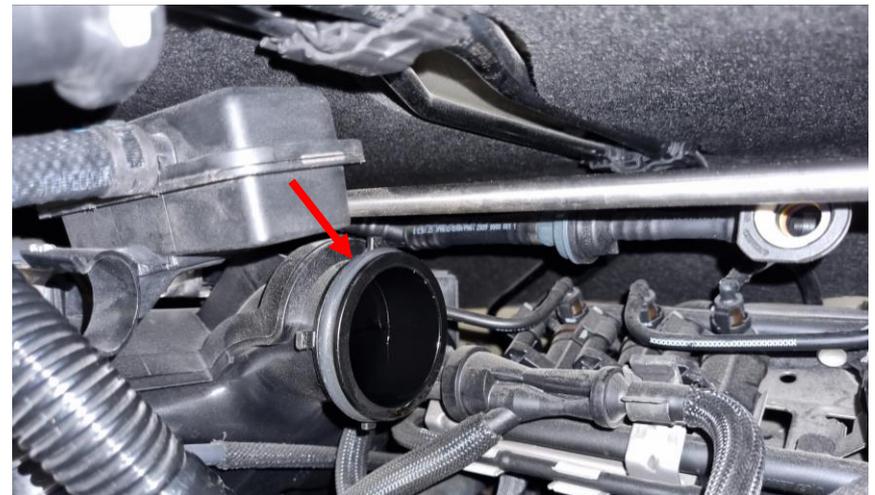
30. On both sides of the plenum screw the plastic sleeves towards the plenum. It helps to turn the entire plenum a little to loosen the sleeves.



31. Push the plenum a bit rear and down, then disconnect the two vacuum lines at the backside of the plenum. Remove the plenum.



32. Remove the O-ring from both intake manifolds.



33.

- Lubricate inside of both silicone hoses with WD-40
- Mount onto the plenum connections. The step inside the hoses should be outwards. Only push the hoses so the steps rest on the hose bead. If you push them further it will be hard to install.



34.

- Now gently place the plenum in-between the intake manifolds and connect the two vacuum lines behind it.



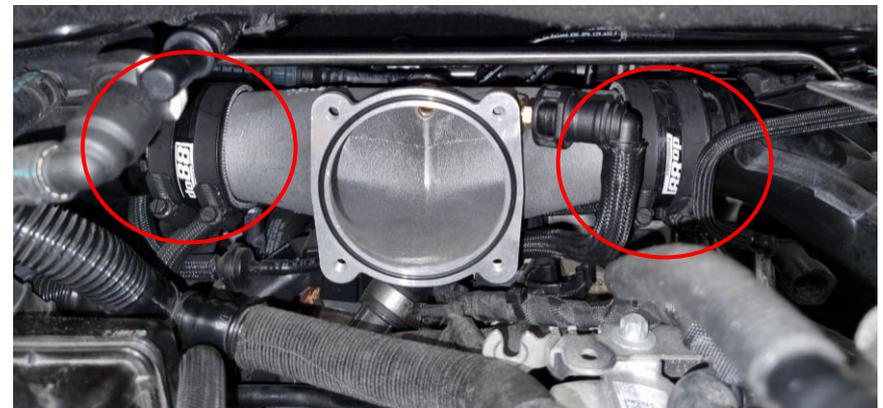
35.

- Now push the silicone hoses onto the intake manifolds. The step inside the silicone hoses should sit into the O-ring grooves on the intake manifolds.



36.

- Fasten the silicone hoses with the included hose clamps (open fully to be able to install them). Tighten the outer clamps, do not tighten the inner ones yet. Install the included throttle body O-ring and the third vacuum line.



- 37.**
- Replace the original rubber vibration damper with the included rubber vibration damper.
 - Fasten the throttle body with the original screws.
 - If the screw hole for the vibration damper don't line up well with the engine mounted bracket you can loosen the screw (where the right arrow points) that holds this bracket 1x Torx E10 and adjust its position.
 - When everything aligns well tighten all screws and hose clamps that holds hoses to the plenum.

- 38.** Reinstall all other parts in reverse order.

