

Installation instruction do88 performance Intercooler for AUDI SEAT SKODA VW 1.8 / 2.0 TSI (MQB)

Part number: ICM-300

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

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 Performance Intercooler
2. 1pc Intercooler inlet hose
3. 1pc Intercooler outlet hose
4. 2pcs M5x10mm Allen screws
5. 1pc 8mm Silicone cap
6. 2pcs 60-80mm hose clamps
7. 2pcs 50-70mm hose clamps
8. 5cm rubber strip self adhesive 4x12mm
9. 84cm Sealing strip self adhesive 5x10mm



This installation instruction are based on our installation performed on a VW Golf GTI MY14. Other vehicles this product fit to might have some differences in the installation procedure.

For Seat Leon Cupra and Audi A3/TT download front cowling cutting instructions on our website.



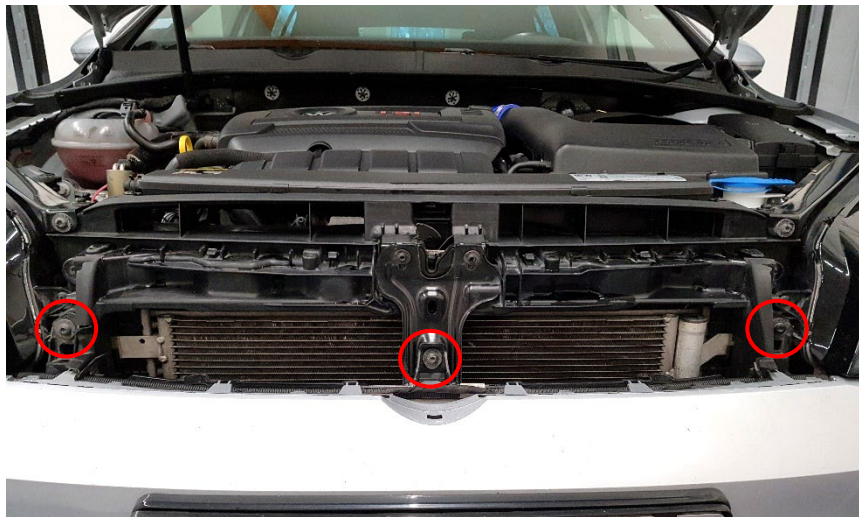
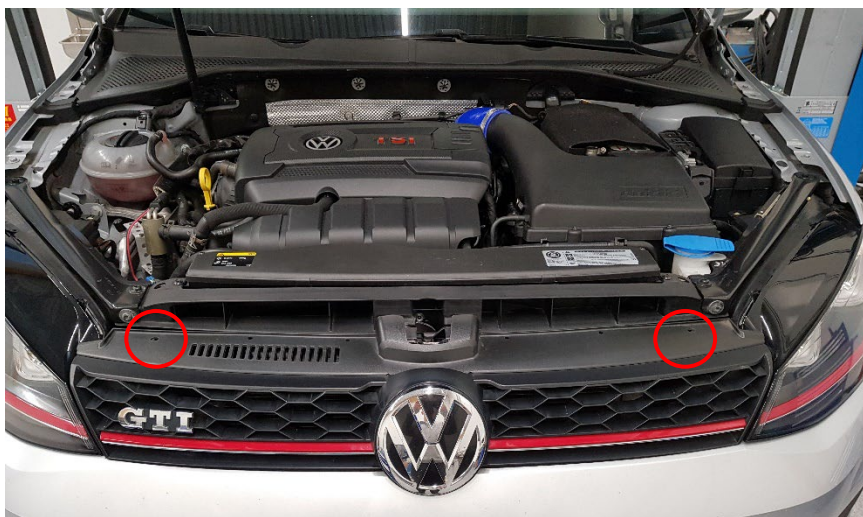
1. Raise the front of the car and remove the front wheels.

2. Disconnect the battery negative pole using a 10mm hex key.

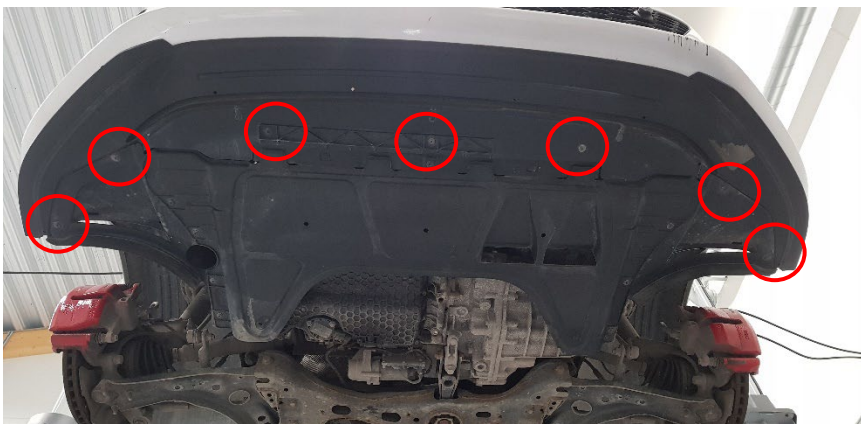


3. Remove 2x Torx T25 and then remove the grille. Gently pull it forward and then upwards.

4. Remove 3x Torx T30.



5. Remove 7x Torx T25 for the plastic shield underneath the car.



6. Remove 4x Torx T25 in each inner fender.



7. On cars equipped with headlight washers disconnect the hose and seal it with the included cap.



8. With help from a friend bend out the bumper on each side and pull it forward about 20cm and hold it in this position.



9. Gently lift the bumper forward a little bit, then disconnect all cable connectors.



10. Unclip the hood cable joiner located over the left head light. Important! Remember to reconnect during re-installation, otherwise you can't open the hood.



11. Remove 3x Torx T30 for the brackets above both head lights. Remove both brackets, on the left side you need to disconnect washer fluid pipe and cable hood lock joiner.



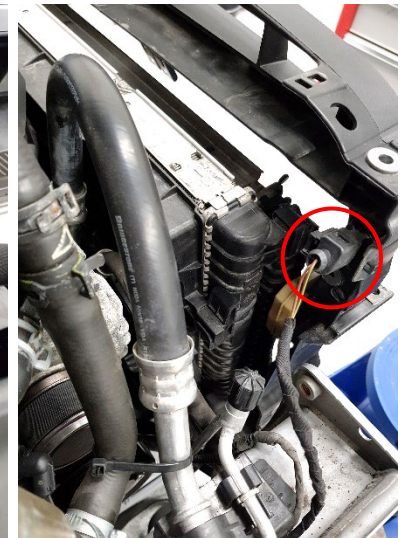
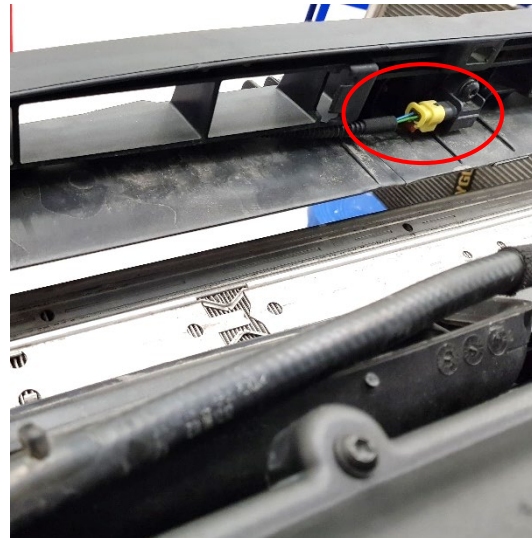
12. Remove 3x Torx T30 screws for both the head lights. Then remove both headlights by gently pulling them forward and disconnect the cable connector.



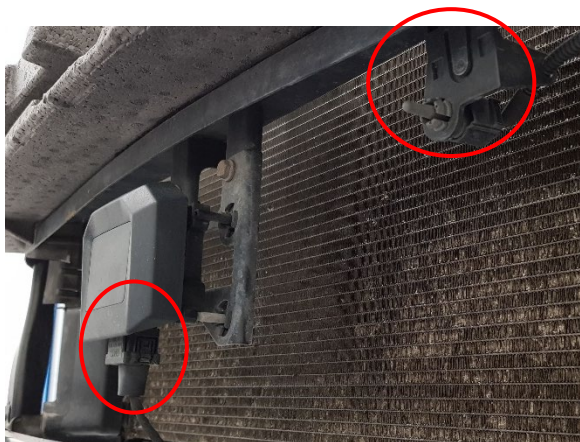
13. Remove the air intake scoop by removing 2x Torx T25 and disconnect the radiator hose from clips.



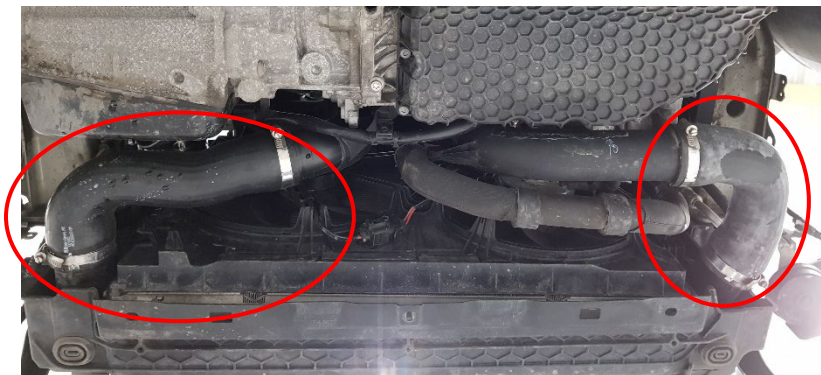
14. Disconnect the marked cable connectors on the photo below. They are located on the backside of the radiator support. Loosen the cables from the radiator support.



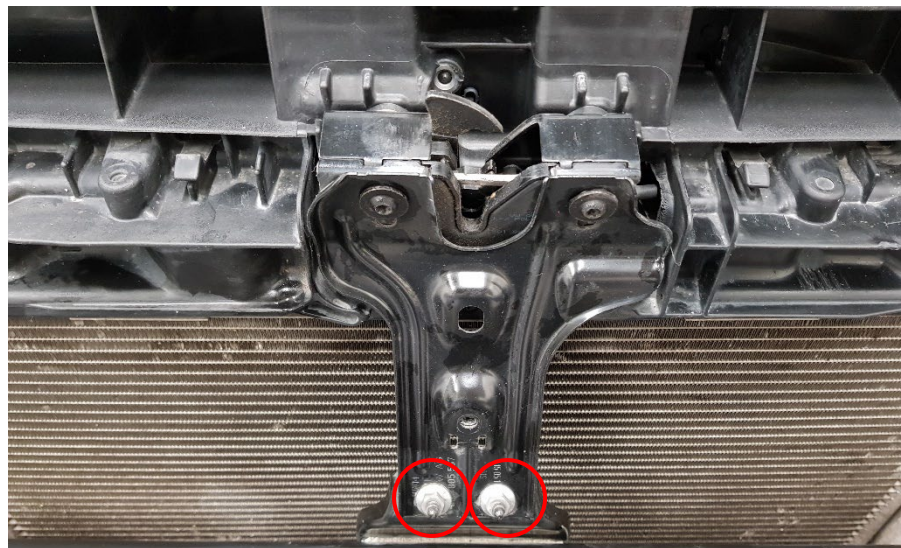
15. Disconnect the cable connector for radar, temperature sensor and both horns. Make sure to loosen all wires from the radiator support so it can be removed from the car.



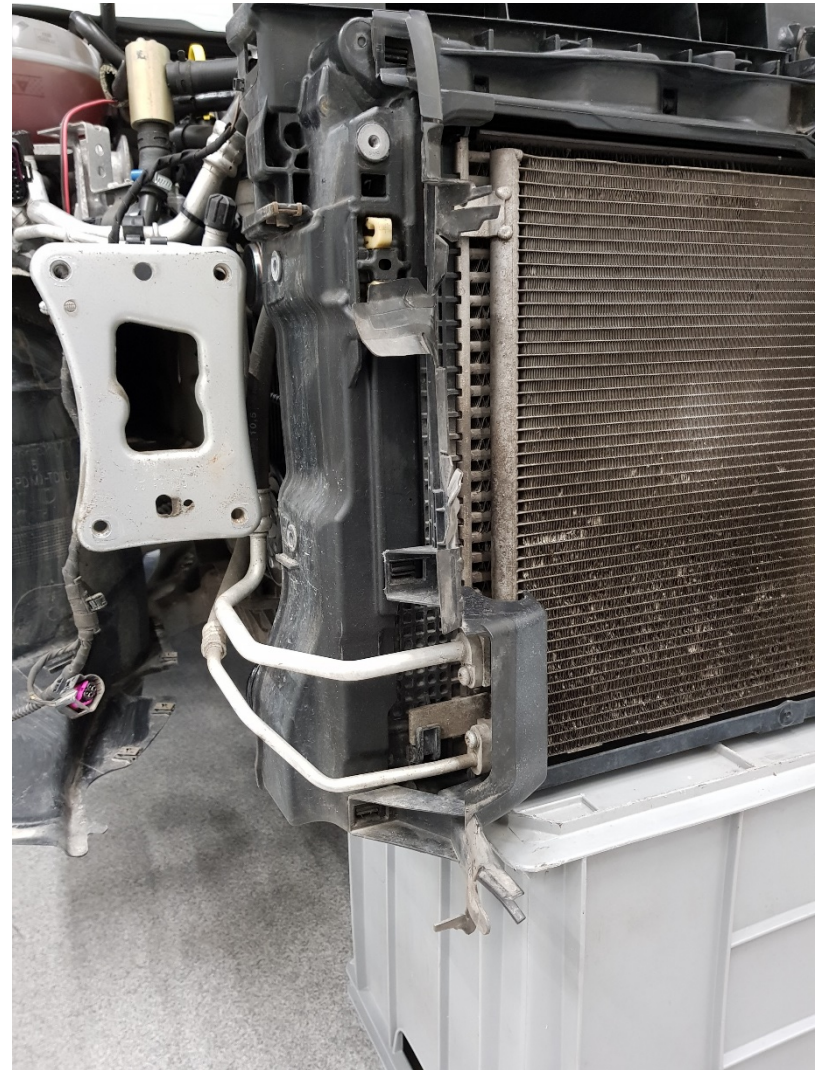
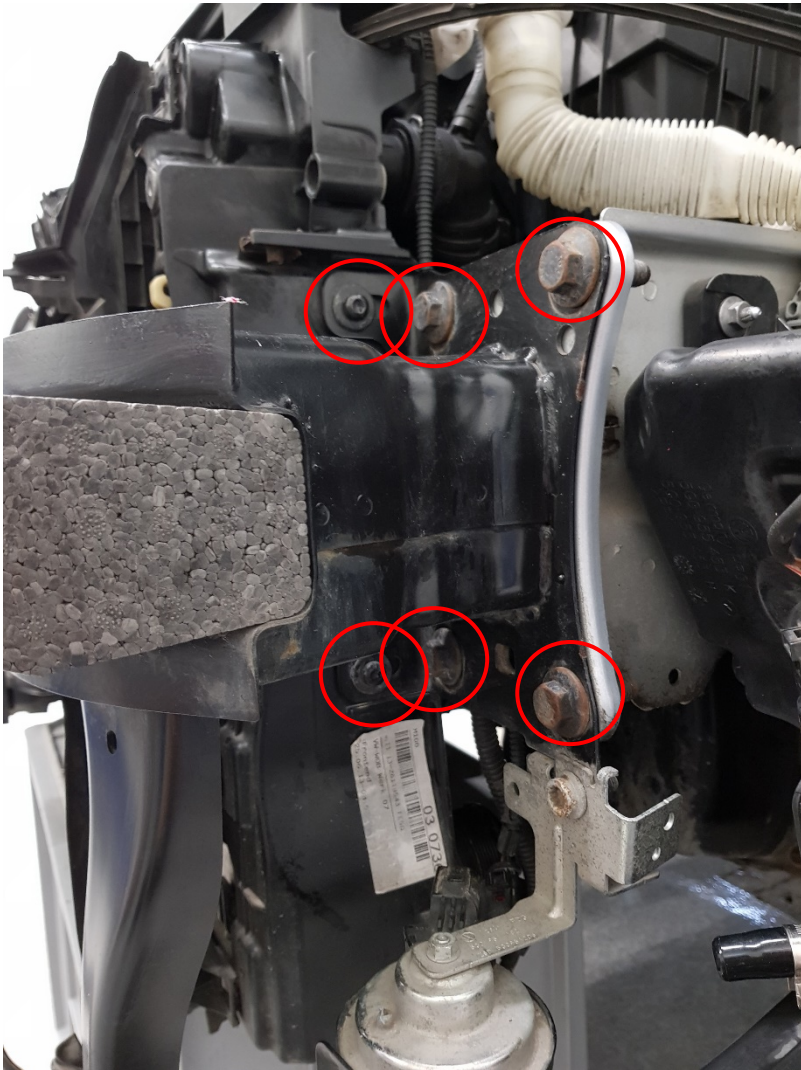
16. Loosen 4x hose clamps and completely remove both intercooler hoses.



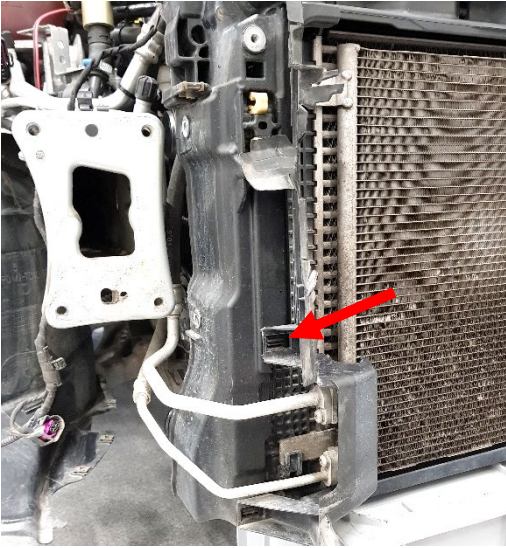
17. Remove 2x Hex 10mm nuts marked on the photo below.



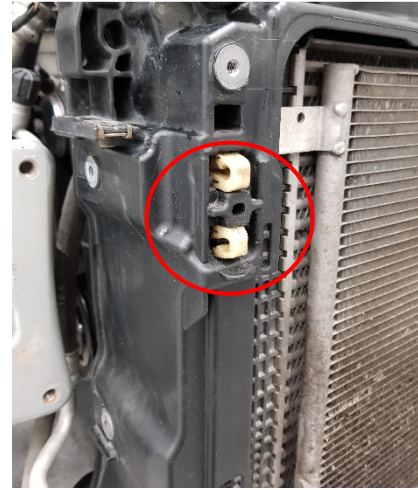
18. Now place a steady support underneath the radiator pack. On both sides remove 4x Hex 16mm screws and 2x Torx T30 screws. Then with the help of a friend remove the crash bar from the car.



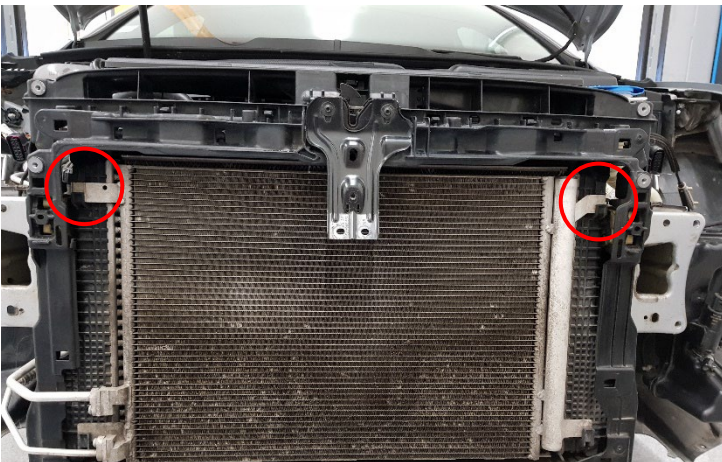
19. Remove the plastic air guides on both sides. Press the plastic clips downwards with a flat screwdriver.



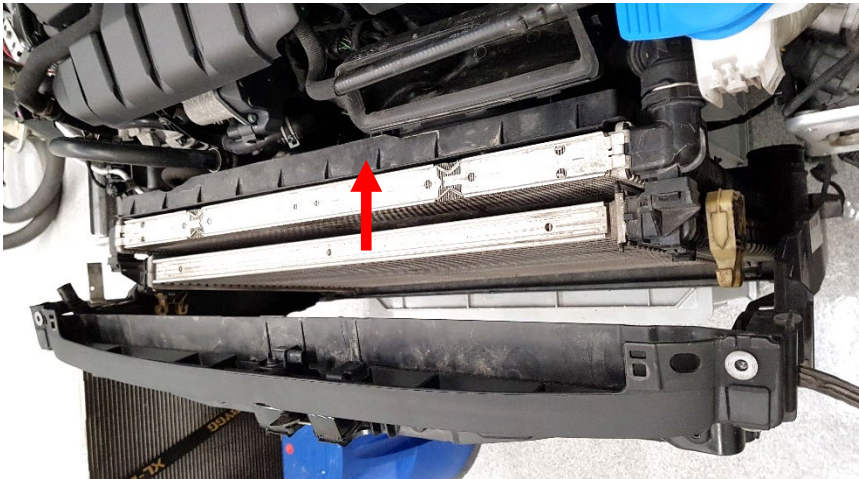
20. The intercooler and radiator assembly is fastened with the two large plastic clips. Release these with a flat blade screwdriver. Gently press the intercooler backwards while pressing on these clips.



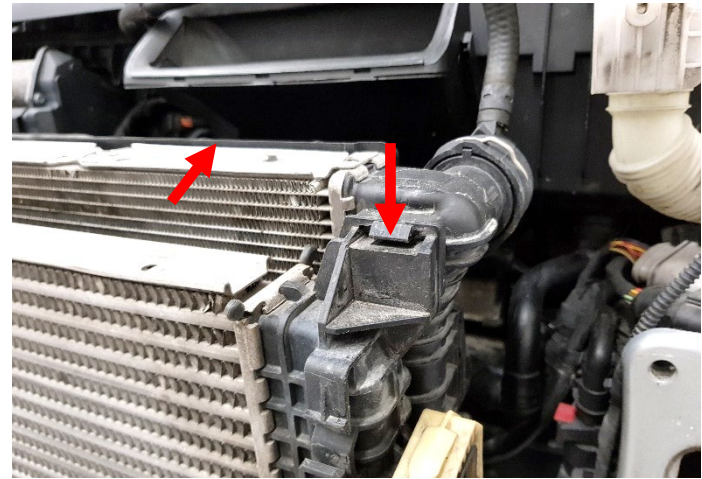
21. When you have released the two clips in step 20. Disconnect the AC-condenser from the intercooler. Do this by pressing the two top plastic tabs while lifting it upwards. Strap the AC-condenser to a support until re-installation.



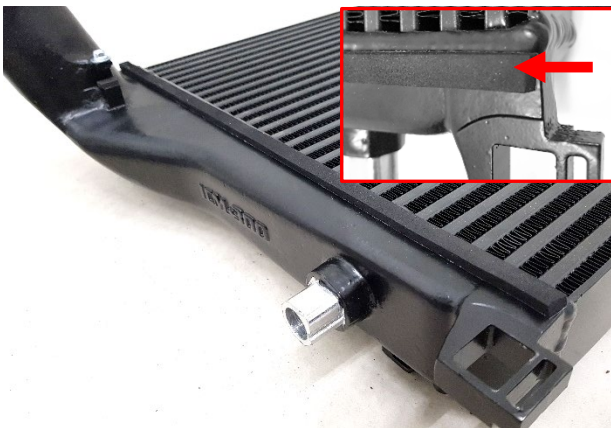
22. Lean the intercooler assembly towards the engine. With the help of a friend lift the assembly upwards from the radiator support frame. Then remove the radiator support frame.



23. Release the radiator from the intercooler. Press the plastic tabs downwards on both sides while gently pushing the radiator backwards. Lift the intercooler out of the car.



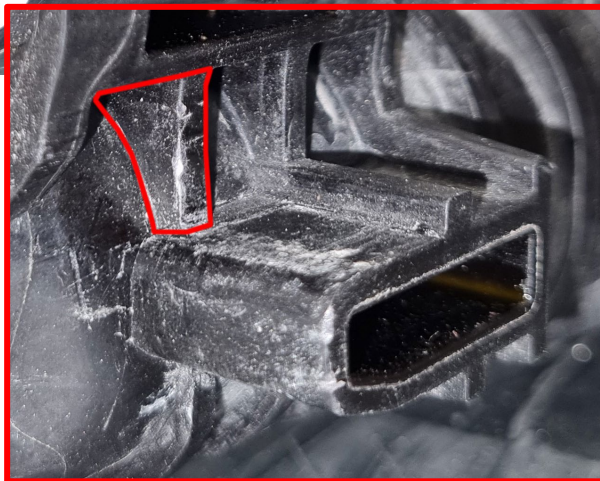
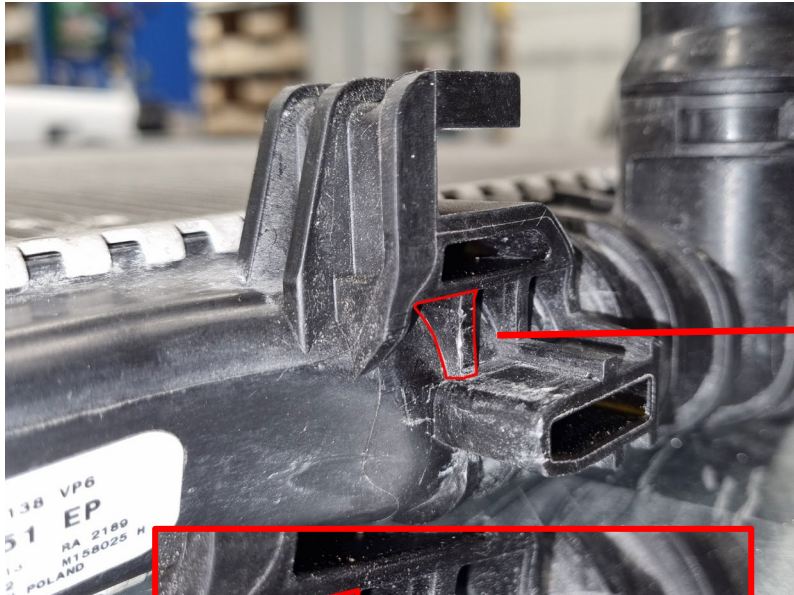
24. Tape the included 5mm thick sealing strip on the outside of the welding line on both sides according to the photo below. On both lower radiator brackets put a piece of the included 4mm thick self-adhesive rubber strip according to photo below. Remove the OEM intercooler brackets and install them on the do88 intercooler.



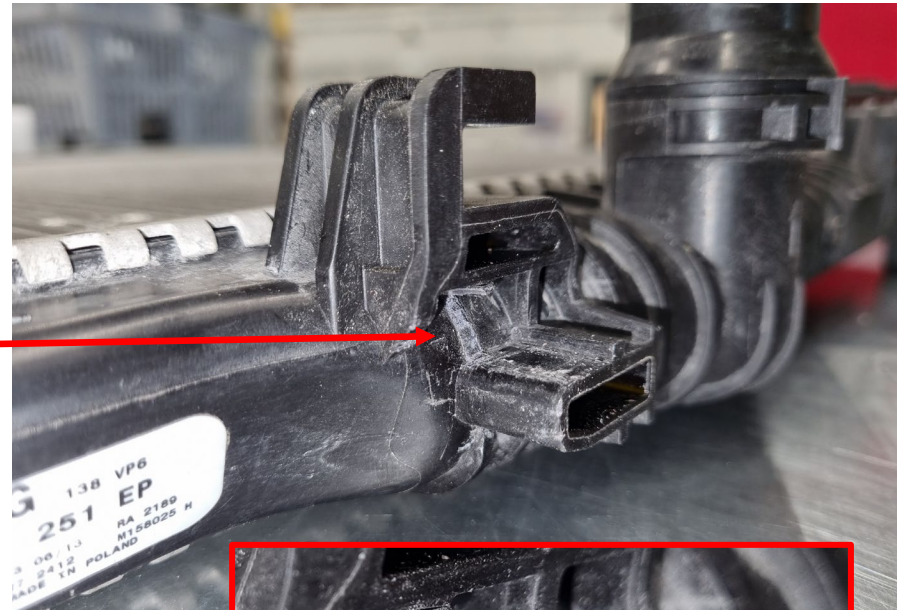
25.

If your radiator does not fit in the lower slots of the do88 intercooler, you may need to trim the plastic tab on the OE-radiator marked on the photo below. Use a cutting pliers to remove most of the plastic tab. Then carefully grind the remaining residue until surface is flush.

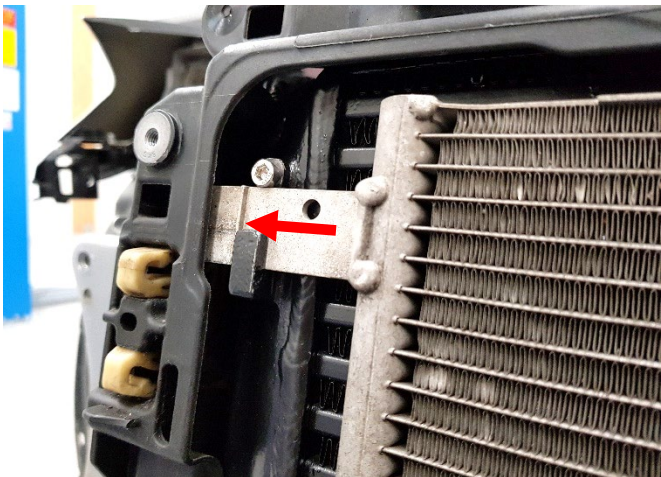
Before:



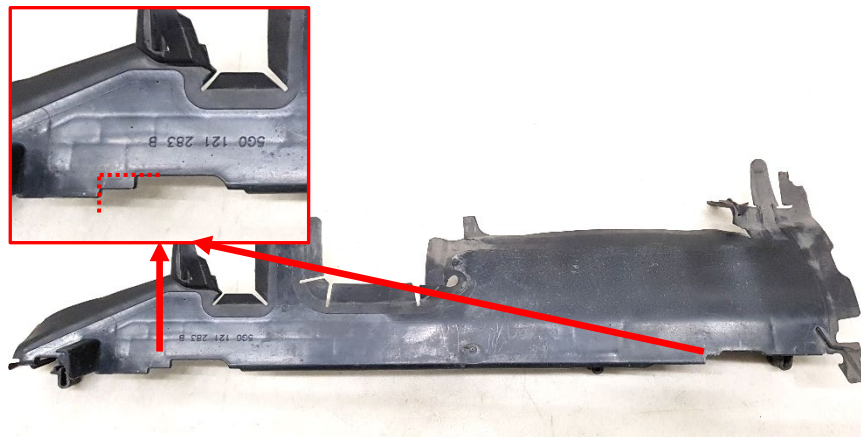
After:



26. Cut the top right bracket on the AC-condenser. Cut on the outside of the raised rib.



27. The left sides air guide needs to be slightly trimmed. Cut the plastic with a plier on the marked locations.



28. With the only exception is the fastening of the AC-condenser, fasten it with the included M5x10 allen screws according to the photo below (on both sides).



29. Re-install all other parts in reverse order. **Note!** If the support center bracket behind the grille emblem is close to the AC-condenser make sure the screw does not interfere with the AC-condenser when tightening it. If the screw is too long, please cut it shorter.

