



Installation Instruction

Performance Radiator



VAG 1.8 / 2.0 TSI (MQB)

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.



Description

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

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

Parts List

- 1pc do88 Performance radiator
- 1pc 8mm silicone cap
- 4cm rubber strip self adhesive 2x8mm
- 2pcs M5x12mm flange screws
- 2pcs M5x10mm flange screws
- 2pcs large washers



Step 1

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

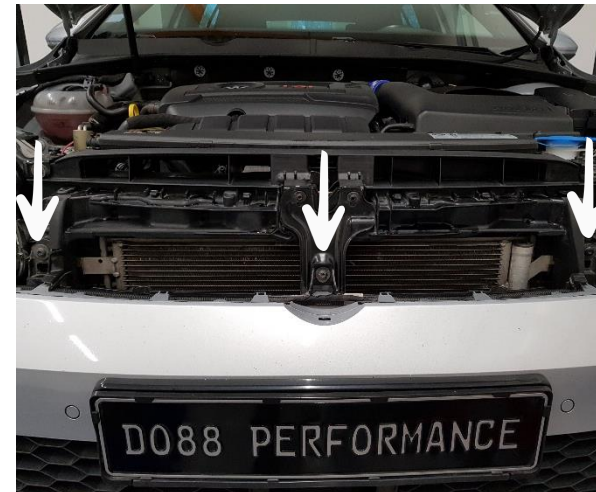
Disconnect the battery negative pole using a 10mm hex key.

NOTE! Make sure the coolant temperature is cool to keep from burning yourself on hot coolant.



Step 2

Remove 2x Torx T25 and then remove the grille.
Gently pull it towards yourself and upwards.



Step 3

Remove 3x Torx T30.



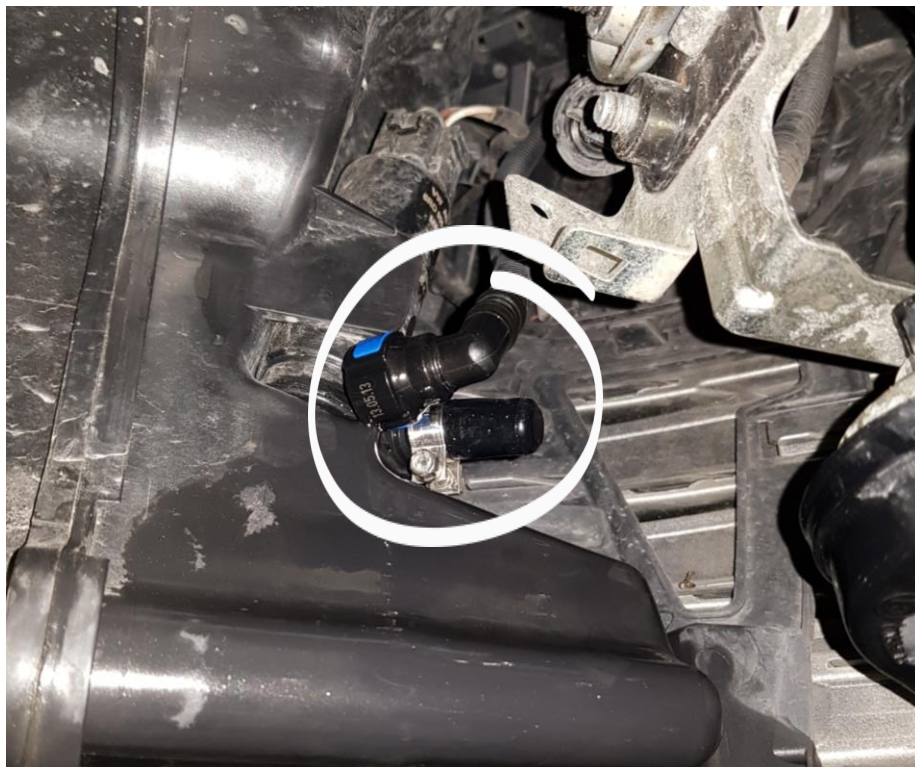
Step 4

Remove 7x Torx for the plastic cover underneath the car.



Step 5

Remove 4x Torx T25 inside the wheel arch.
Do this on both sides of the car.



Step 6

Cars equipped with headlight washers, disconnect the and use the included silicone cap to seal the connector.



Step 7

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



Step 8

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



Step 9

Unclip the hood cable jointer located over the left headlight. Disconnect the hood cable jointer from the bracket. **IMPORTANT!** Remember to re-assembly during re-installation, otherwise you won't be able to open the hood if you closing it.



Step 10

Remove 3x Torx T30 for the headlight brackets above both head lights. On the left side you'll need to disconnect the plastic clip to the washer fluid pipe.



Step 11

Remove the air intake scoop by removing 2x Torx T25 and disconnect the radiator hose from the clips. There is 2 plastic clips be the T25 Torx screws that you'll need to unclip with a small flat head screwdriver.



Step 12.1

Remove 1x Torx T30 screw.
Do this on both sides of the headlights.



Step 12.2

Remove 1x Torx T30 screw.
Do this on both sides of the headlights.



Step 12.3

Remove 1x Torx T30 screw.
Do this on both sides of the headlights.
Then remove both headlights be gently pulling them forward and disconnect the cable connectors.



Step 13

Disconnect the marked cable connector on the photo located on the backside of the radiator support.

Loosen the cables from the radiator support.



Step 14

Disconnect the marked cable connector on the photo located on the backside of the radiator support.

Loosen the wires from the radiator support.



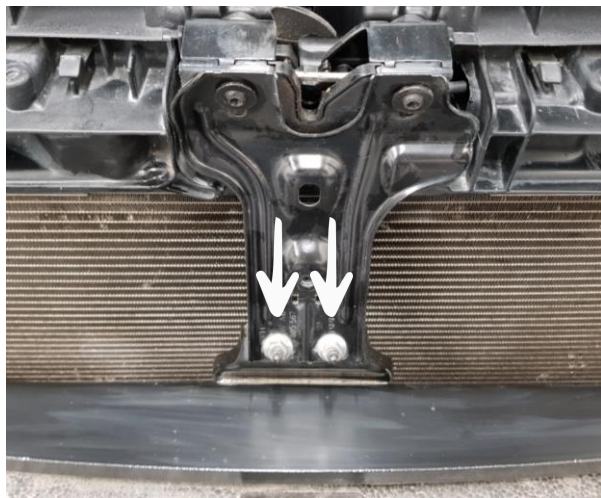
Step 15

Disconnect the cable connector for radar, temperature sensor.
Loosen the wires from the crash bar.



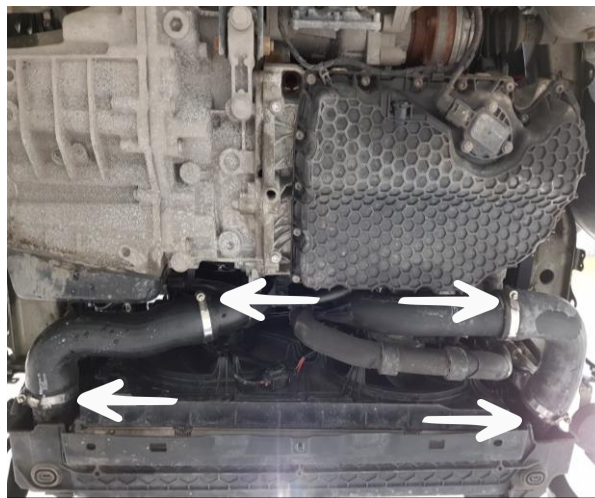
Step 16

Disconnect the cable connector for the horn.
Do this on both sides of the car.



Step 17

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



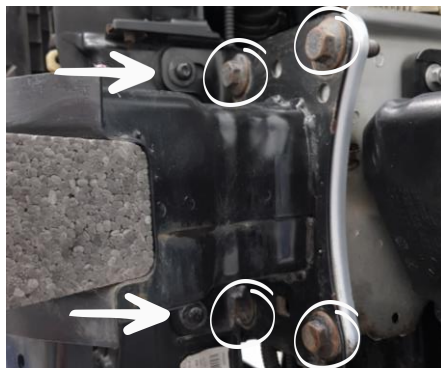
Step 18

Loosen 4x hose clamps and remove both hoses from the intercooler and car.



Step 19

Drain the coolant. First open the coolant reservoir expansion tank cap. Disconnect the cable connector on the top of the lower radiator hose and drain the coolant. Use a flat head screwdriver to release the metal clip.



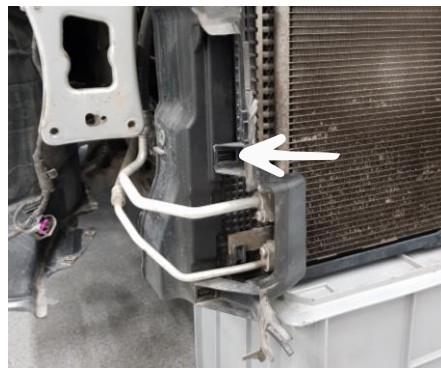
Step 20

Place a steady support underneath the radiator pack.

Remove 4x 16mm hex screws and 2x Torx T30 screws.

Do this on both sides of the crash bar.

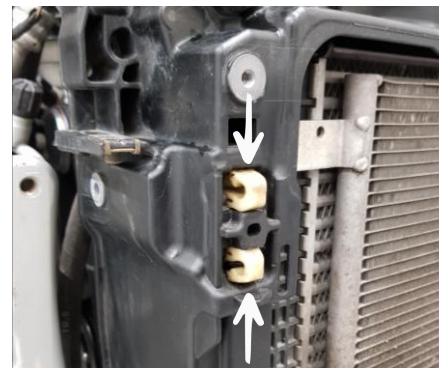
Remove the crash bar from the car.



Step 21

Remove the plastic air guides on both sides.

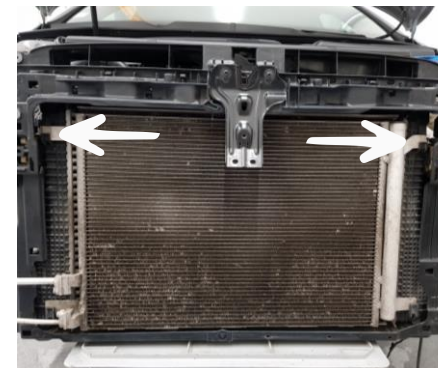
Press the plastic clips downwards with a flat head screwdriver.



Step 22

The intercooler and radiator assembly is fastened with the two large plastic clips. Release these with a flat head screwdriver.

Gently press the intercooler towards the engine while using the flat head screwdriver to press on the plastic clips.



Step 23

Disconnect the AC-condenser from the intercooler.

Do this by pressing the two top plastic tabs while lifting it upwards.

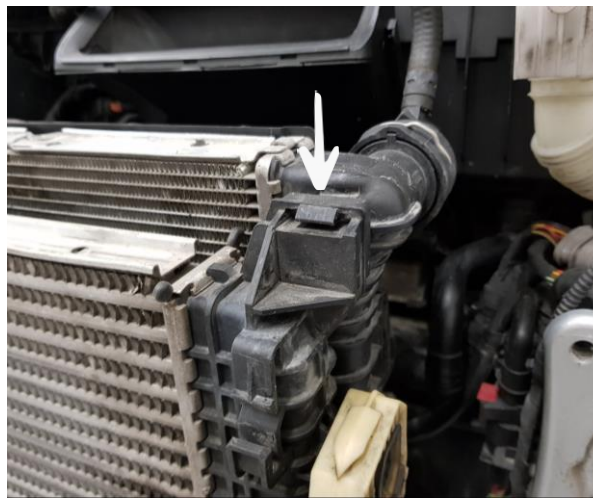
Gently twist the AC-condenser out from the car and strap it on a steady support until re-installation.

Make sure no to bend the AC pipes to much.



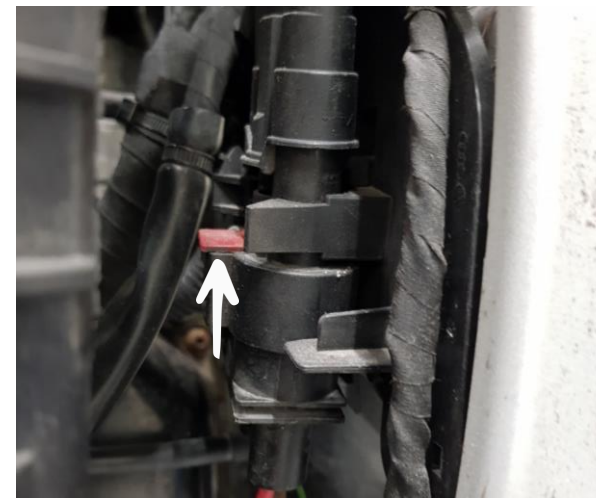
Step 24

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.



Step 25

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.



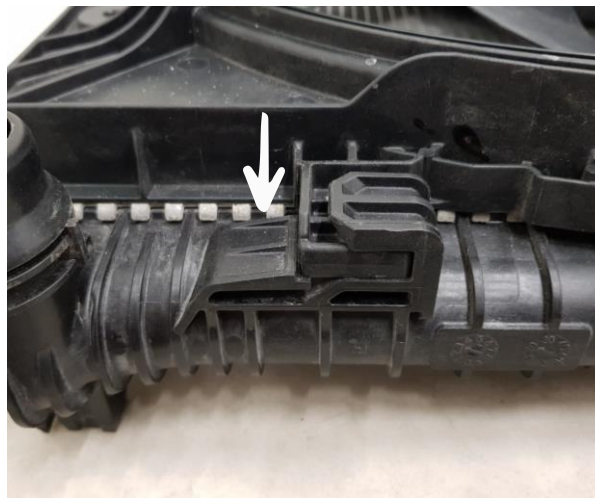
Step 26

Disconnect the radiator fan cable connector, lift the red plastic tab upwards. Then push the release tab and pull the connector apart.



Step 27

Disconnect the upper radiator hose.
Use a flat head screwdriver to release the metal clip.
Then lift the radiator out from the car.



Step 28

Remove the radiator fan cover.
Press the two upper plastic tabs while sliding the fan cover upwards.



Step 29

Install the fan cover on the do88 radiator.
Secure it with 2x included M5x12mm screws.
The screws should go into the holes in the fan cover.



Step 30

Secure the radiator to the top brackets with the included M5x10mm screws and washers according to photo above.



Step 31

If you are installing the do88 radiator with OEM intercooler:

Check if the radiator can move sideways relatively to the intercooler, if not make modifications to the intercooler according to this.

Cut/Grind the marked lines as shown on picture, the result should be similar to the picture in the upper right corner.

Do this on both lower radiator brackets on the intercooler.



Step 32

Install a 20mm long piece of the included 2x8mm self adhesive tape on both lower radiator brackets according to the photo above.

Re-install all other parts in reverse order.



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Please check our website frequently for new product releases.
If you have any questions or concerns about this product please do not
hesitate to contact us: do88.se/contact