



Installation Instruction

Performance Intercooler



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.

[For Seat Leon Cupra and Audi A3/TT download front cowling cutting instructions on our website.](#)



Description

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 List

- 1pc do88 Performance Intercooler
- 1pc Intercooler inlet hose
- 1pc Intercooler outlet hose
- 2pcs m5x10mm Allen screws
- 1pc 8mm silicone cap
- 2pcs 60-80mm hose clamps
- 2pcs 50-70mm hose clamps
- 5cm rubber strip self adhesive 4x12mm
- 84cm sealing strip self adhesive 5x10mm



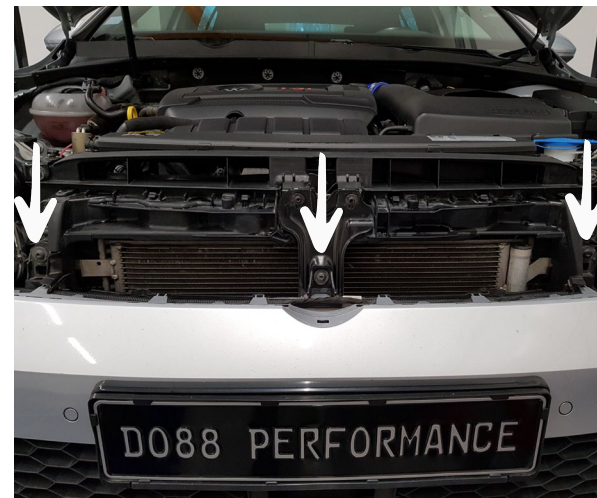
Step 1

Raise the front of the car and remove both front wheels.
Disconnect the battery negative pole using a 10mm hex key.



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.



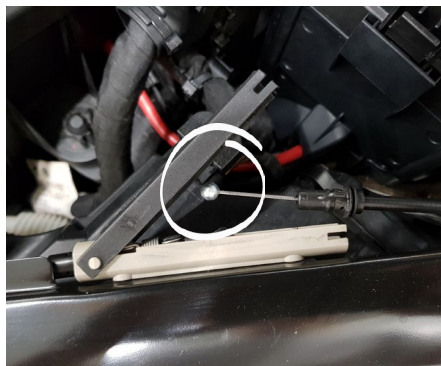
Step 7

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.



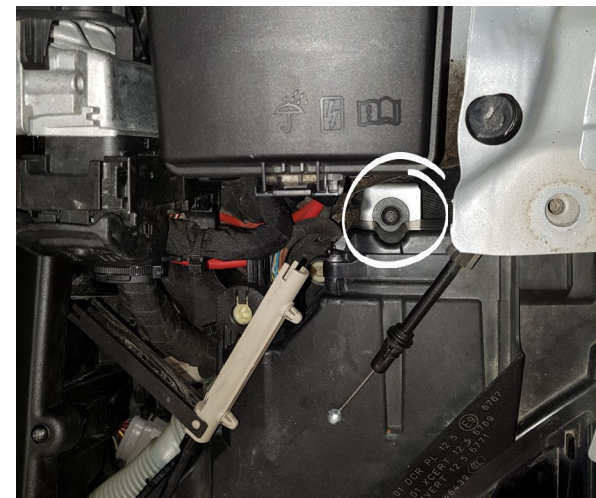
Step 12.1

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.



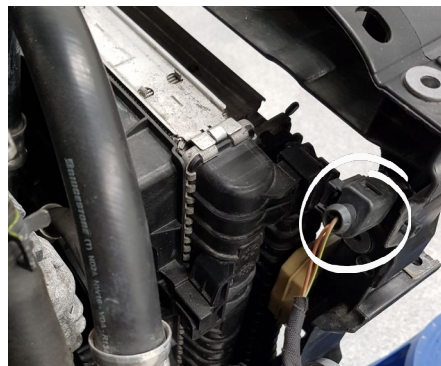
Step 12.3

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



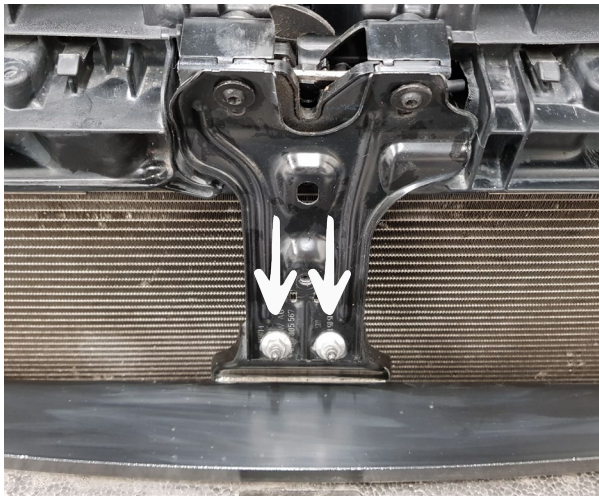
Step 15

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



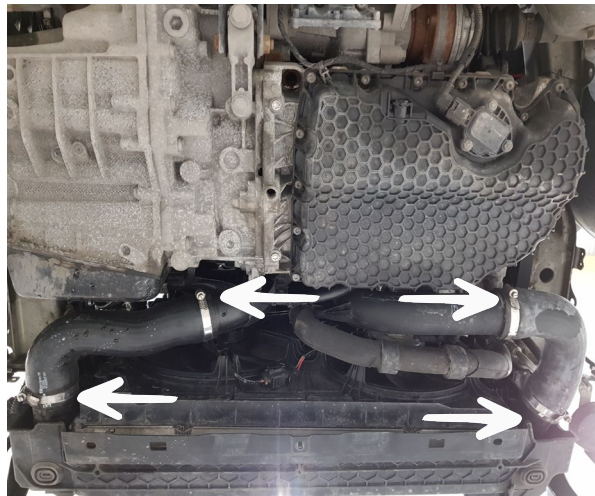
Step 16

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



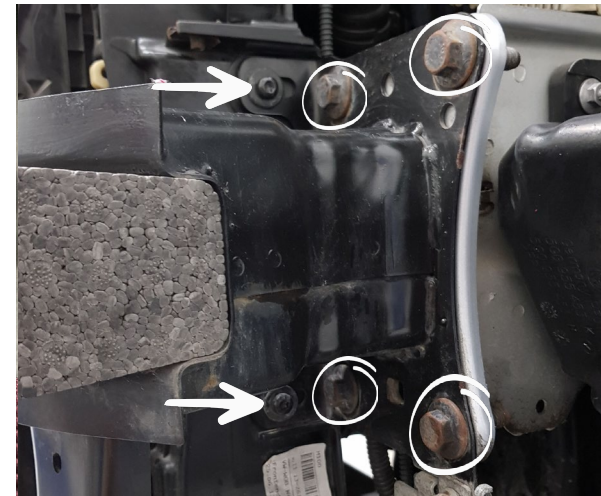
Step 17

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



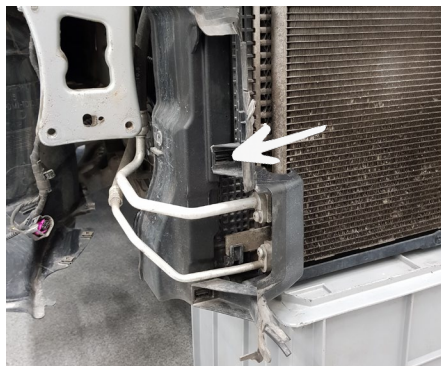
Step 18

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



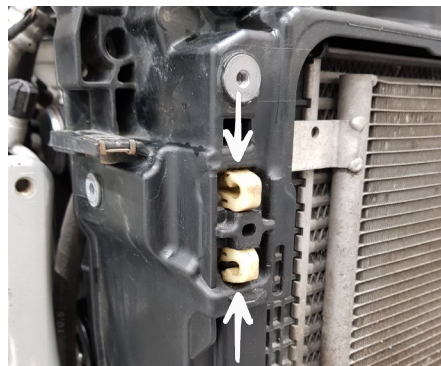
Step 19

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 20

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



Step 21

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 22

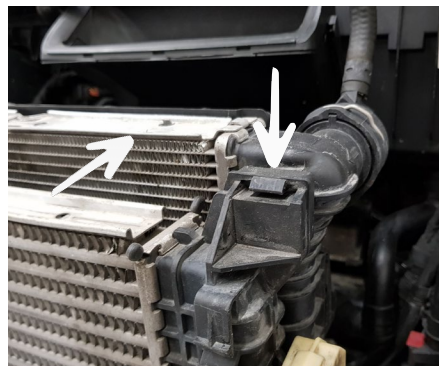
Disconnect the AC-condenser from the intercooler.
Do this by pressing the two top plastic tabs while lifting it upwards.
Gently twist the AC-condenser out from the car and strap it on a steady support until re-installation.
Make sure not to bend the AC pipes too much.



Step 23

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 24

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 25

Install the included 5mm thick sealing strip on the outside of the welding line on both sides of the intercooler as shown on picture.



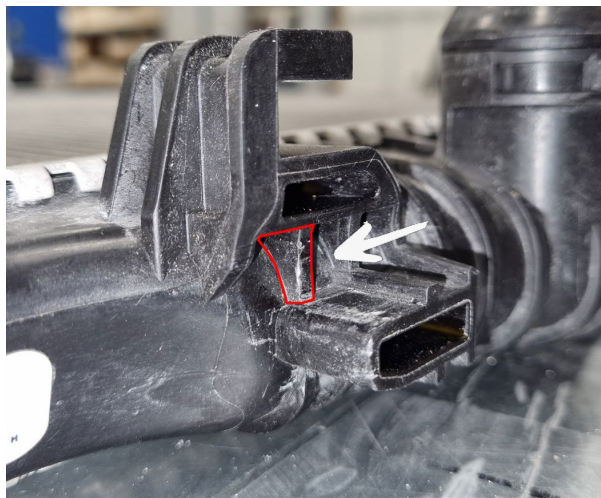
Step 26

On both lower radiator brackets, put a piece of the included 4mm thick self adhesive rubber strip according to photo.



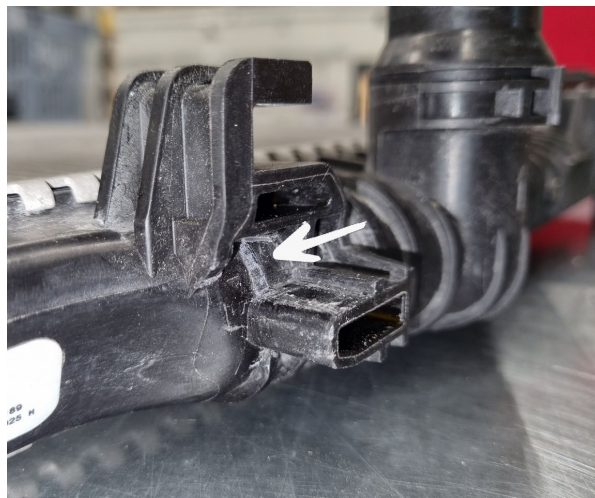
Step 27

Remove the OEM intercooler plastic brackets and install both brackets on the do88 intercooler as shown on picture.



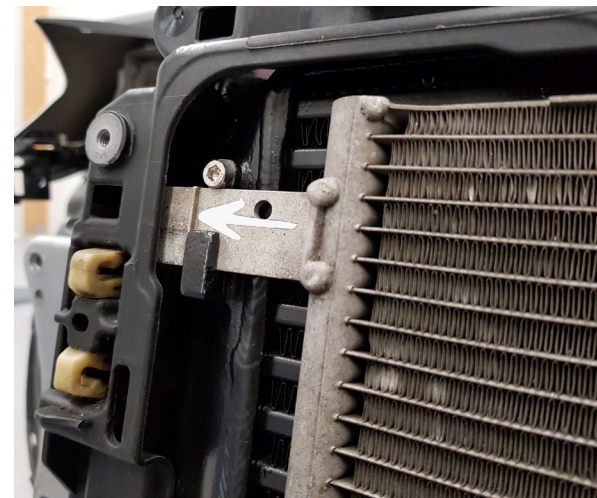
Step 28

If your radiator does not fit in the lower slots of the do88 intercooler, you may need to trim the plastic tabs on the OEM radiator marked on the photo above.



Step 29

Use a cutting pliers to remove most of the plastic tab. Then carefully grind the remaining residue until the surface is flush.



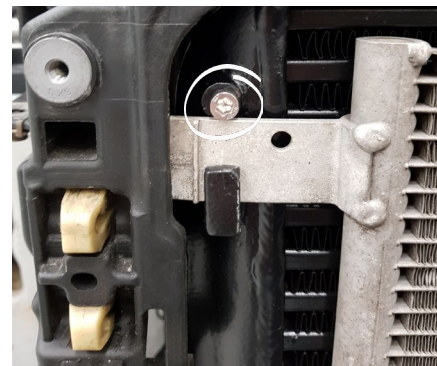
Step 30

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



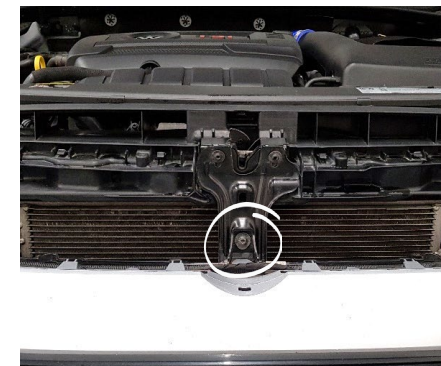
Step 31

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



Step 32

With the only exception is the fastening of the AC-condenser, fasten it with the included M5x10mm Allen screws according to the photo.
Do this on both sides.



Step 33

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 doesn't interfere with the AC-condenser when tightening it. If the screw is too long, you will need to cut it shorter.



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hesitate to contact us: do88.se/contact