



Installation Instruction

Performance Intercooler



VAG 2.0 TSI
EA888 Gen4



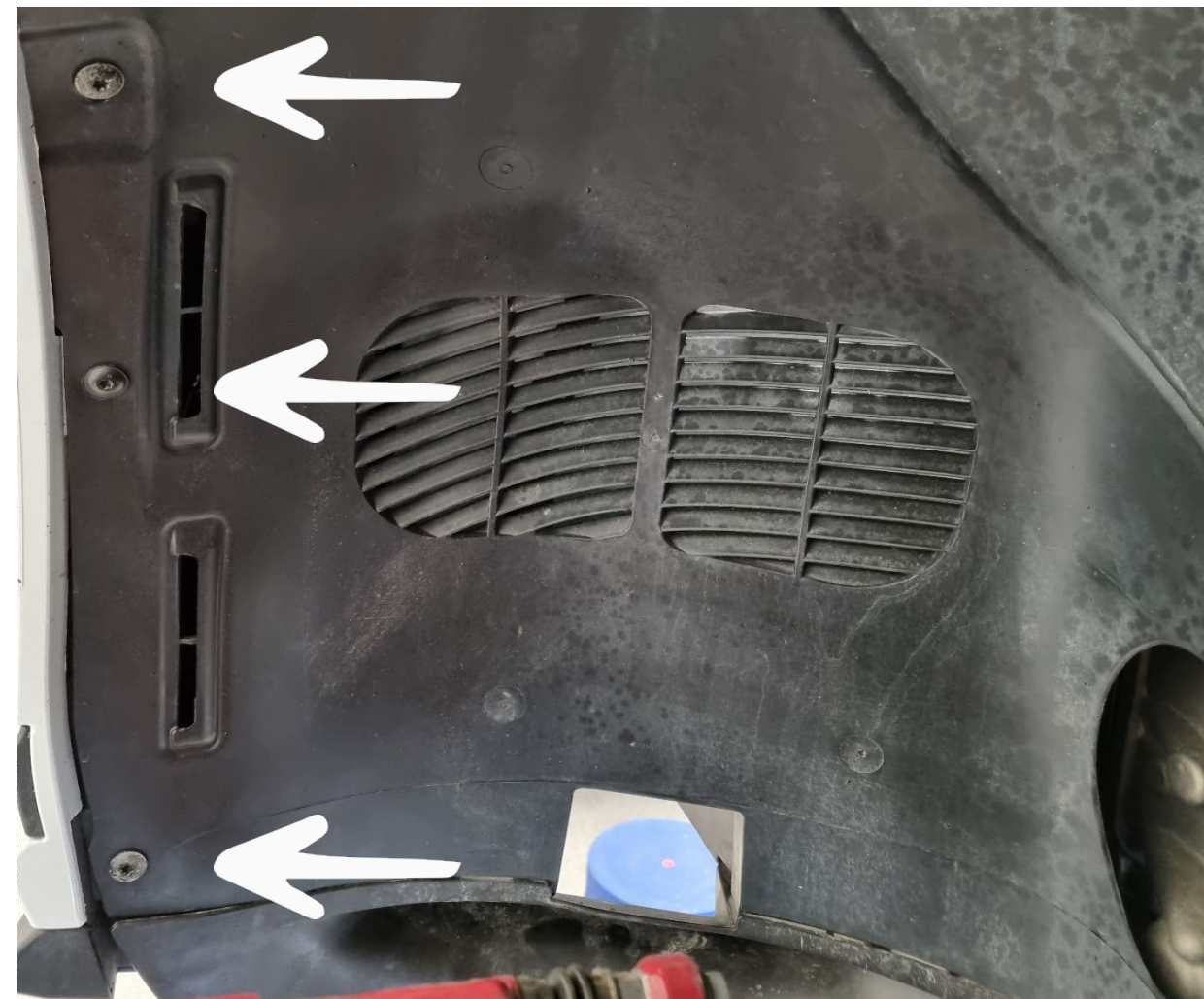
Description

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
- 4pcs M5x8 mm Allen screws
- 3pcs Stainless steel brackets
- 2pcs 60 - 80 mm hose clamps
- 2pcs 50 - 70 mm hose clamps



Step 1

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

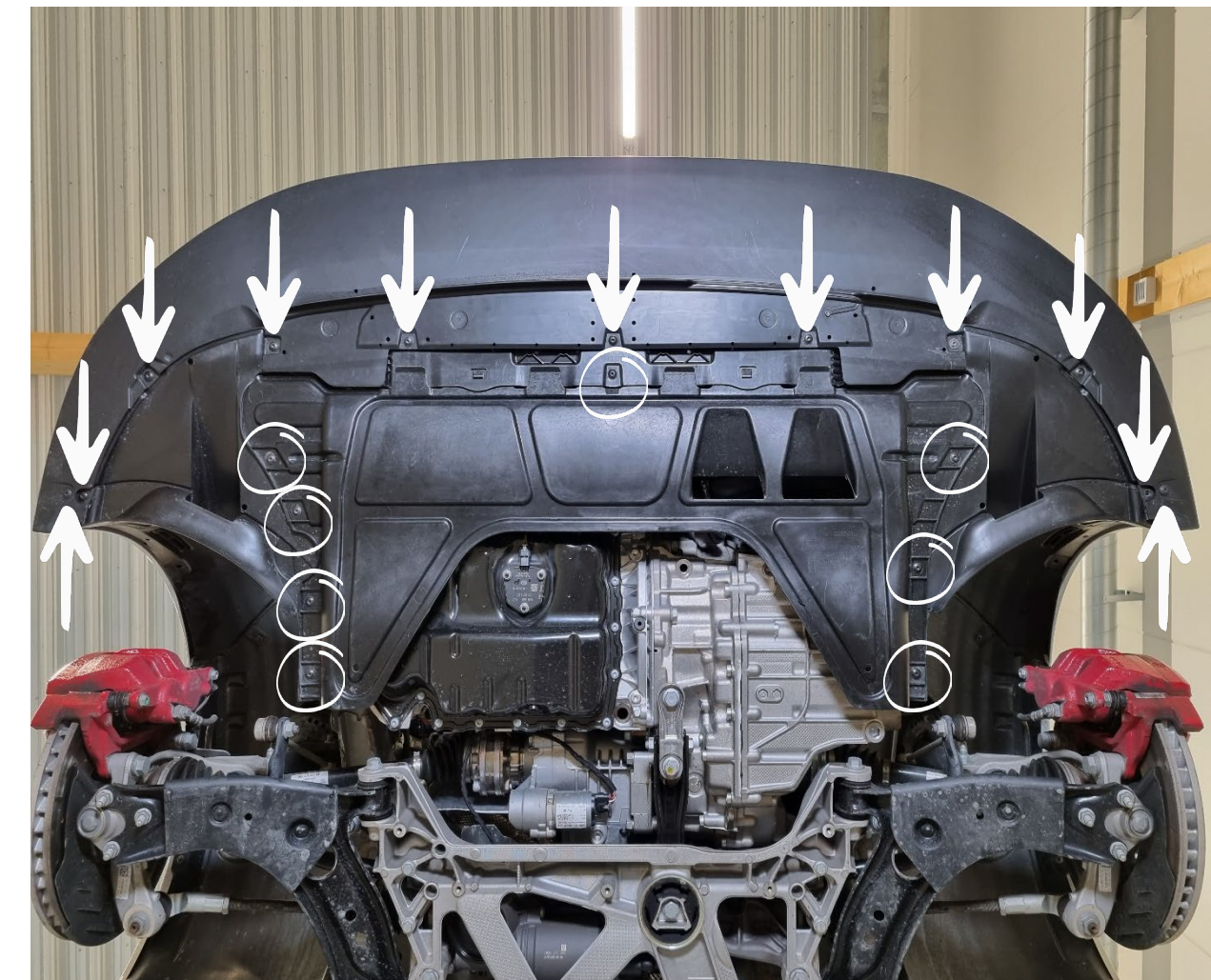
Remove 3x T25 screws inside the wheel arch on both sides of the car.



Step 2

Gently pry the wheel the arch plastic and remove 1x T25 screw behind it.

Do this on both sides.



Step 3

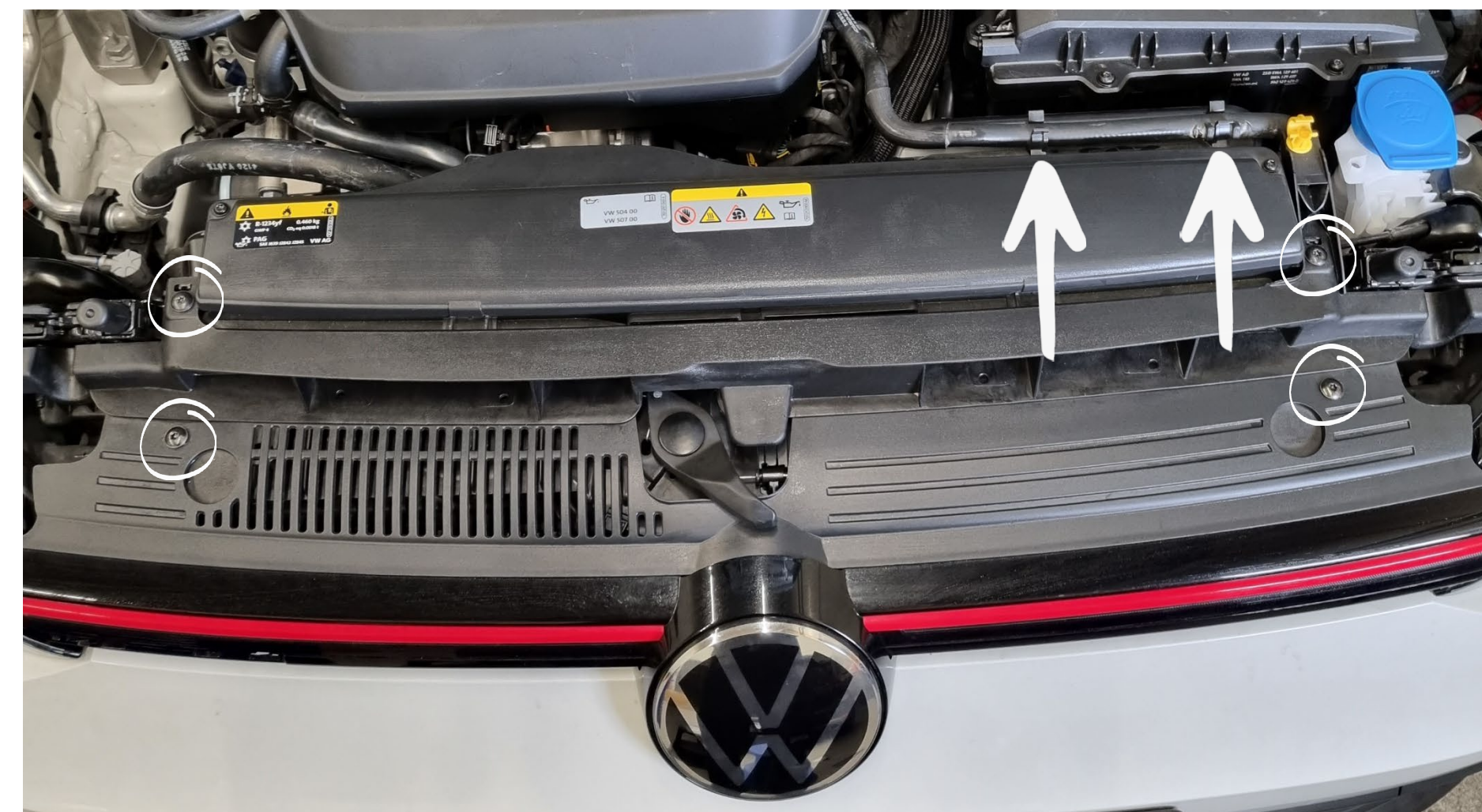
Remove 8x T25 screws and remove the plastic cover underneath the car.

Remove 11x T25 screws at the front lower edge of the bumper.



Step 4

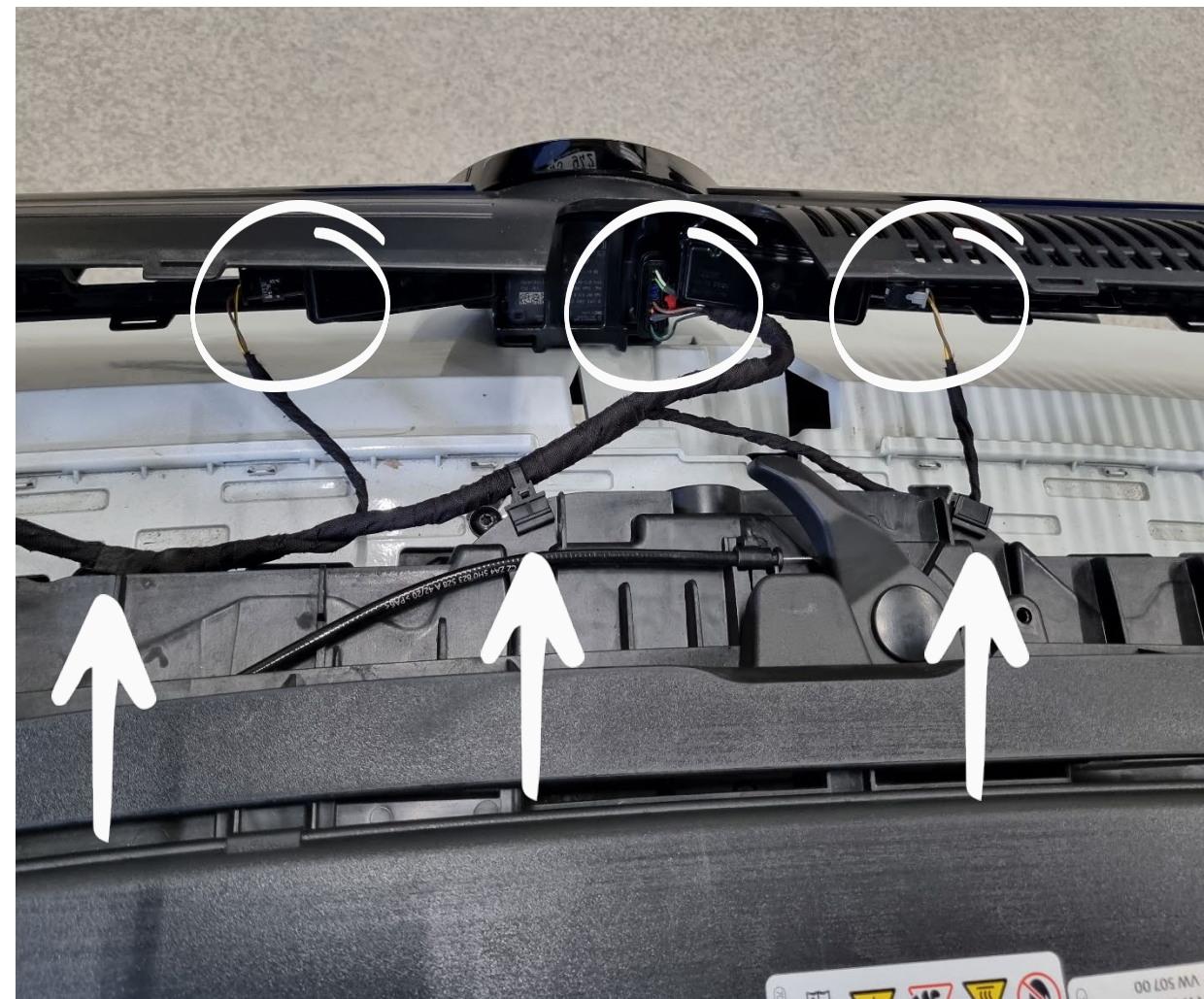
Disconnect the cable connector located behind the wheel arch on the left side of the car.



Step 5

Loosen the coolant hose marked on the photo. Remove 2x T25 screws and then remove the air duct.

Remove 2x T25 screws and then gently pry the grille towards yourself meanwhile use your other hand to pry out lower plastic clips behind the grille.



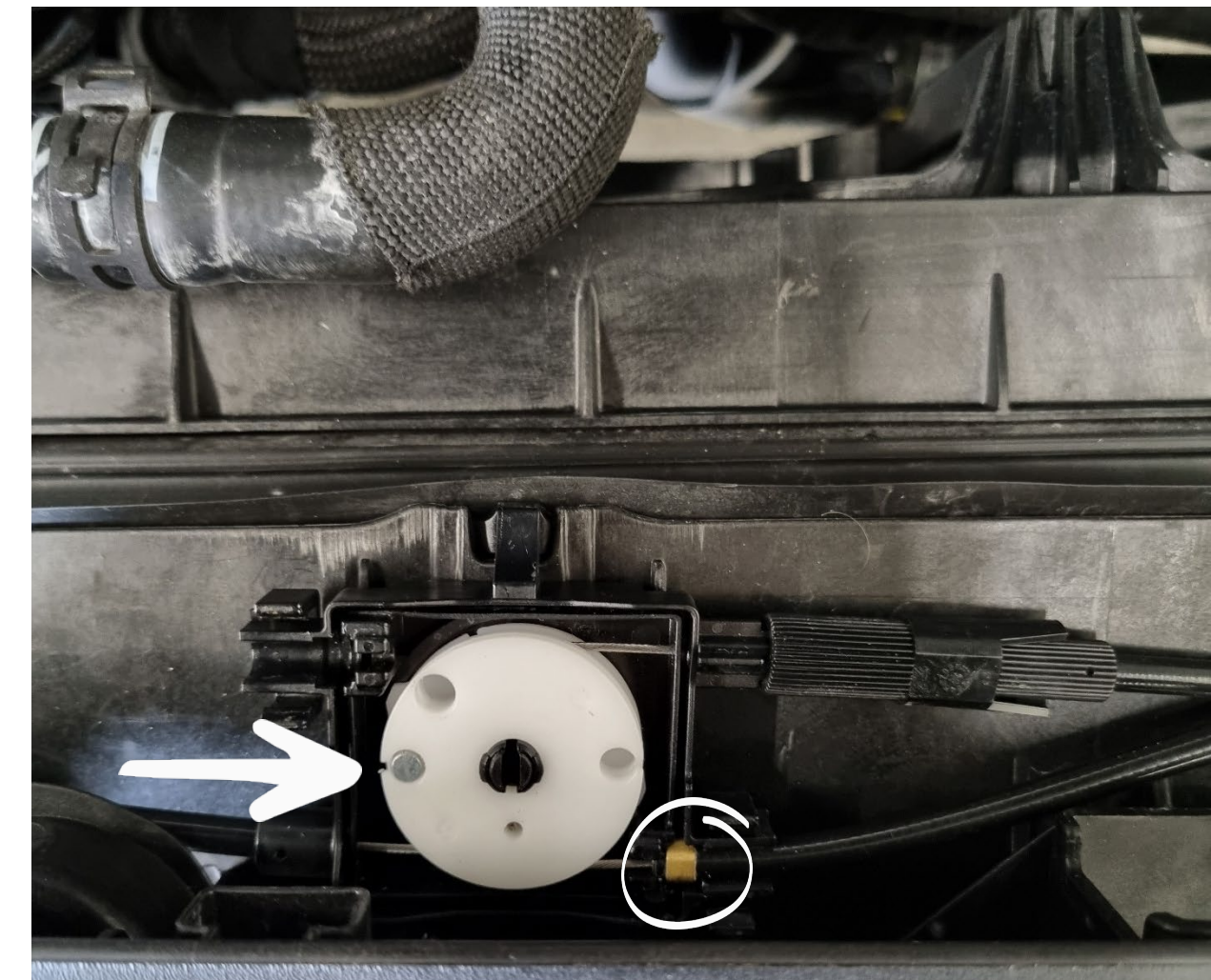
Step 6

Disconnect 3x cable connectors and then loosen their cable fasteners with a small flat head screwdriver.



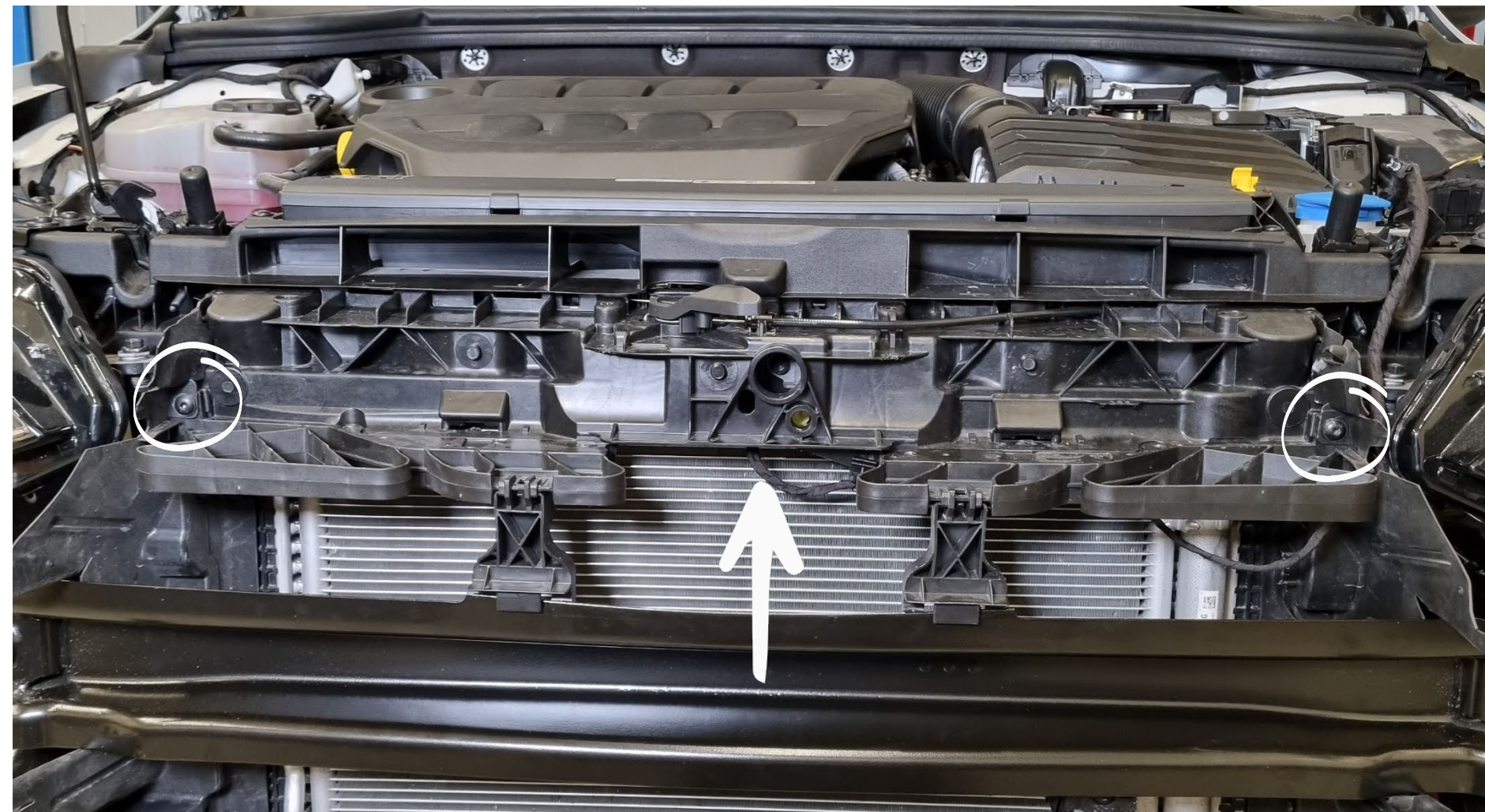
Step 7

Remove 4x T25 screws.
Remove the front bumper with the help of a friend. Start with gently pulling the bumper outwards at the wheel arches on both sides.



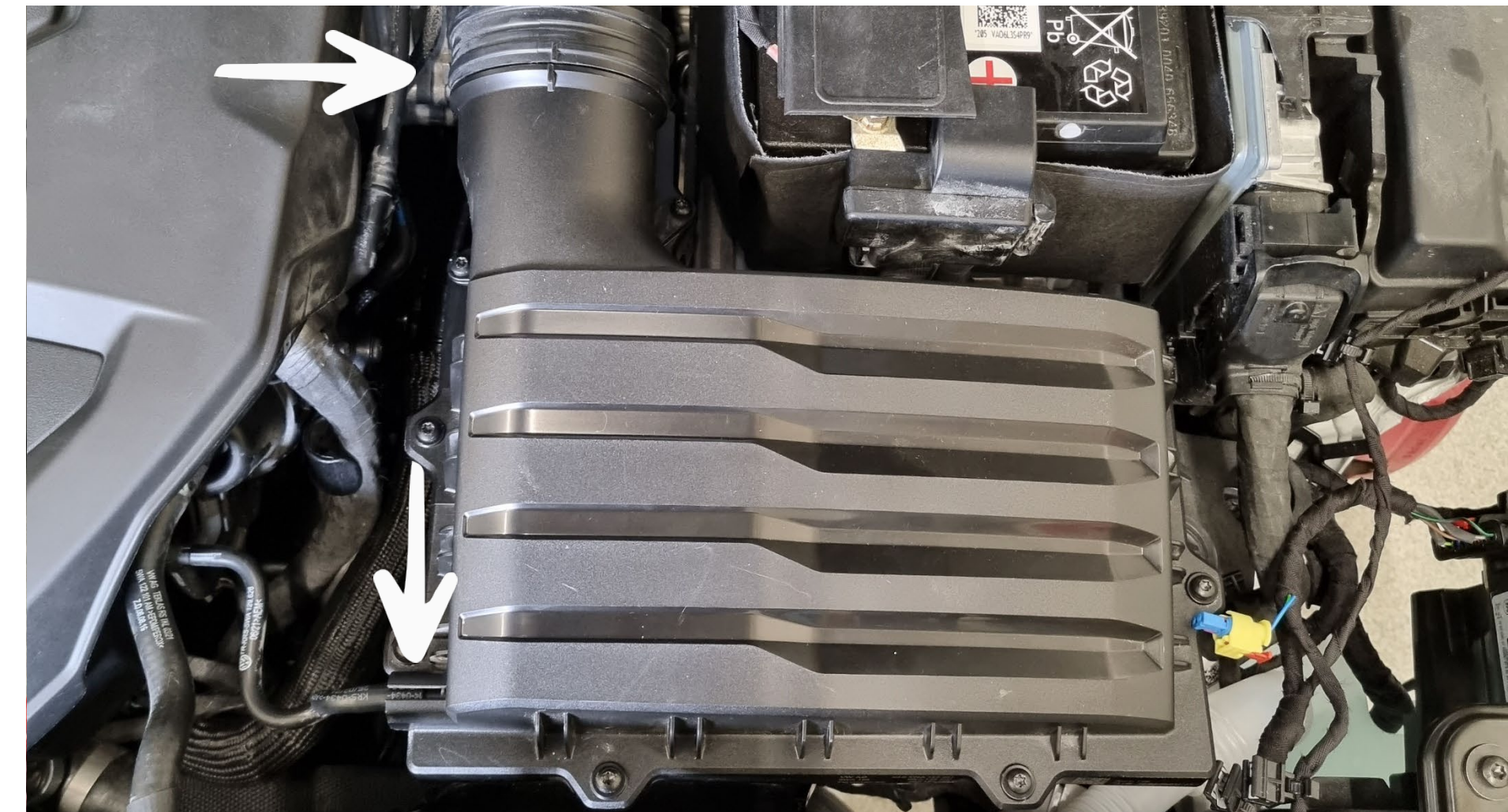
Step 8

Remove the plastic cover for the hoodwire mechanism, use a small flat head screwdriver to separate the wire from the plastic mechanism.



Step 9

Remove 2x T25 screws to plastic air guide.
Disconnect 1x cable connector and remove the harness out of the way.



Step 10

Loosen 1x hose clamp and disconnect the vacuum hose from the air filter box.
Lift the air filter box upwards and remove it from the car.



Step 11

On the cars right side remove 4x T30 screws and remove the hood pin and put it somewhere that will prevent the hood from falling down. Remove the headlight frame.



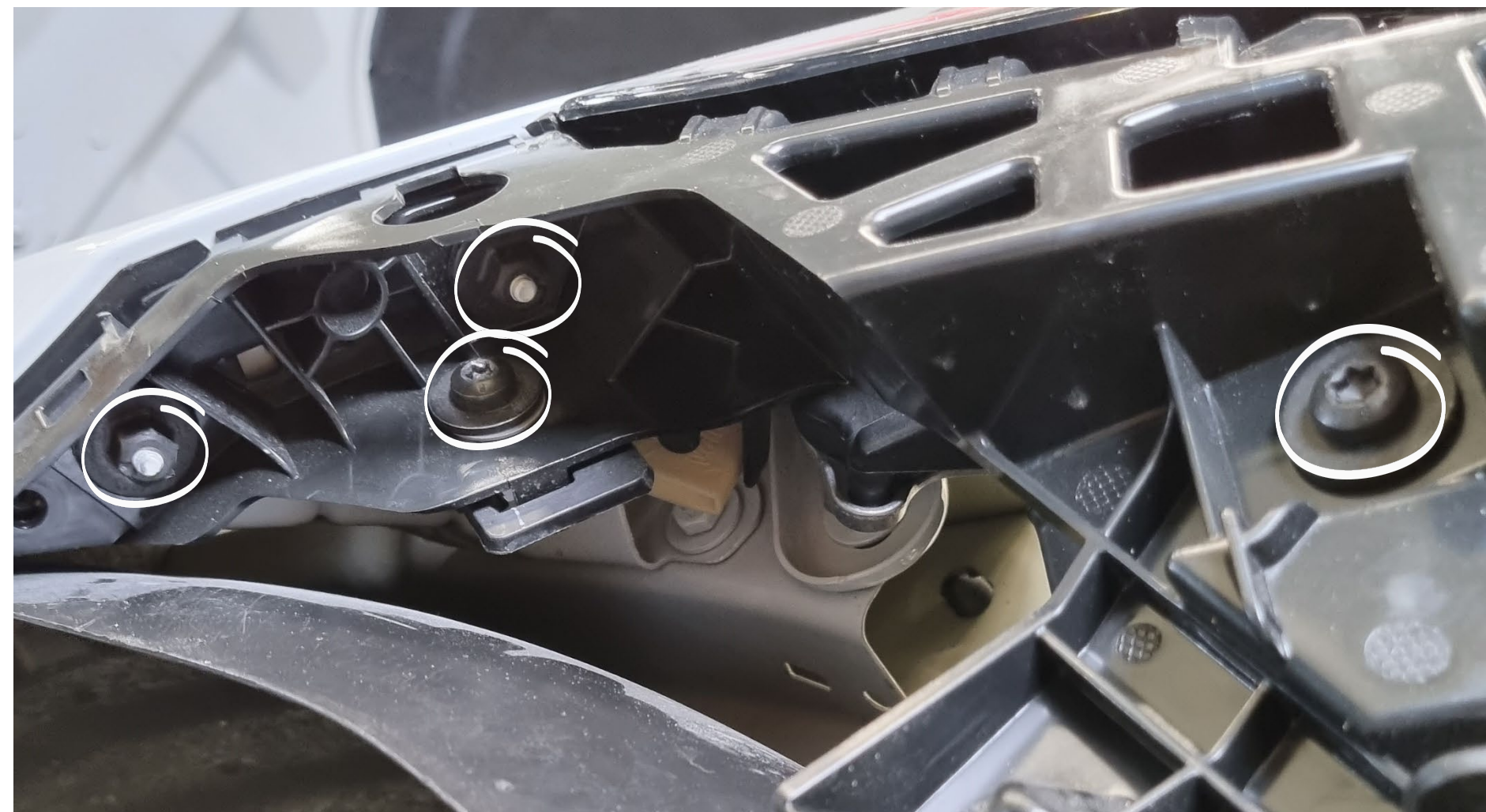
Step 12

On the cars left side remove 4x T30 screws and remove the plastic clip to the washer fluid cap. Remove the headlight frame.



Step 13

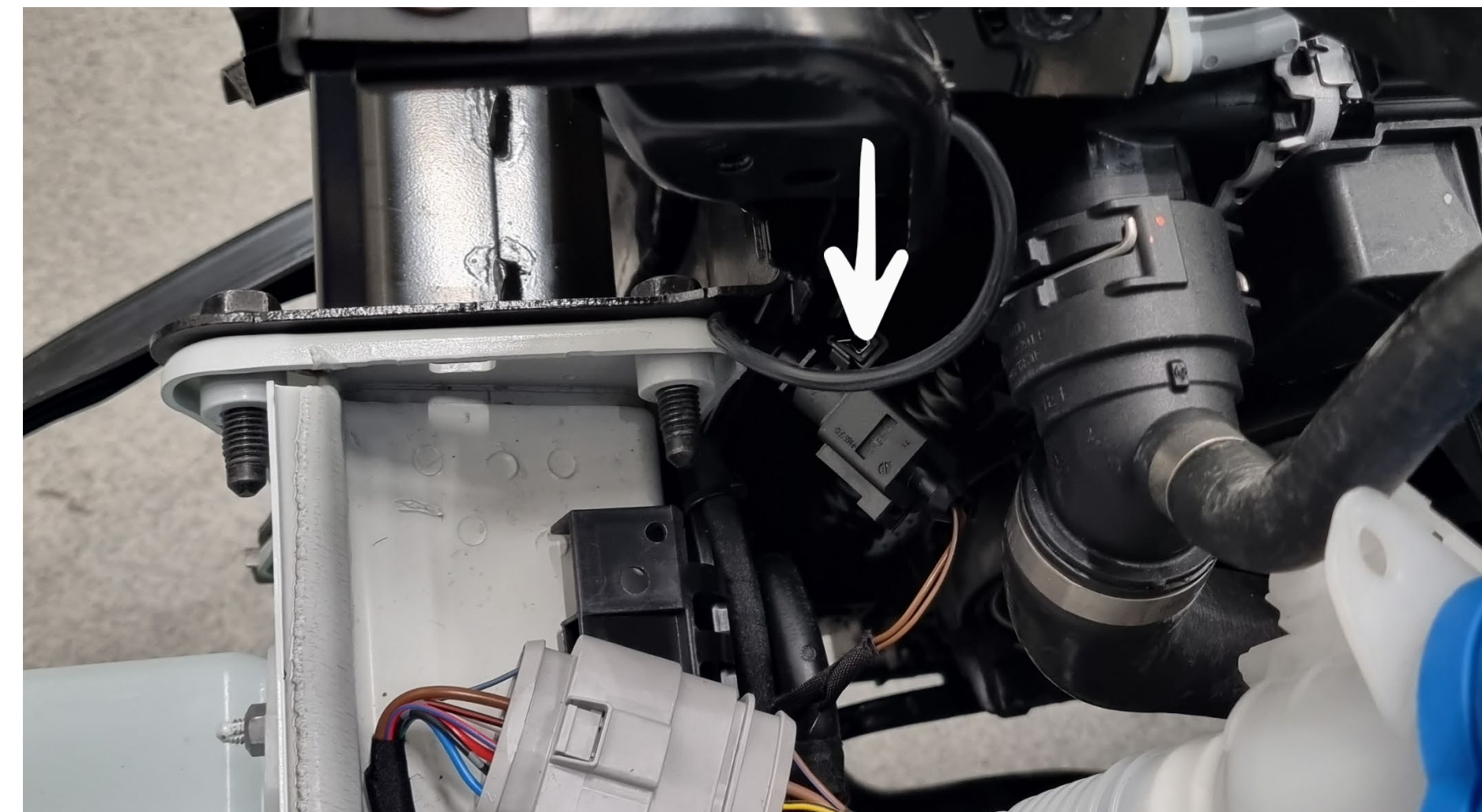
Disconnect the cable connector to front headlights. Do this on both sides of the car. Remove 1x T30, do this on both sides of the car. Pull the hood wire out from the radiator support frame.



Step 14

Remove 2x T30 and 2x 10mm hex screws and then remove the headlight from the car.

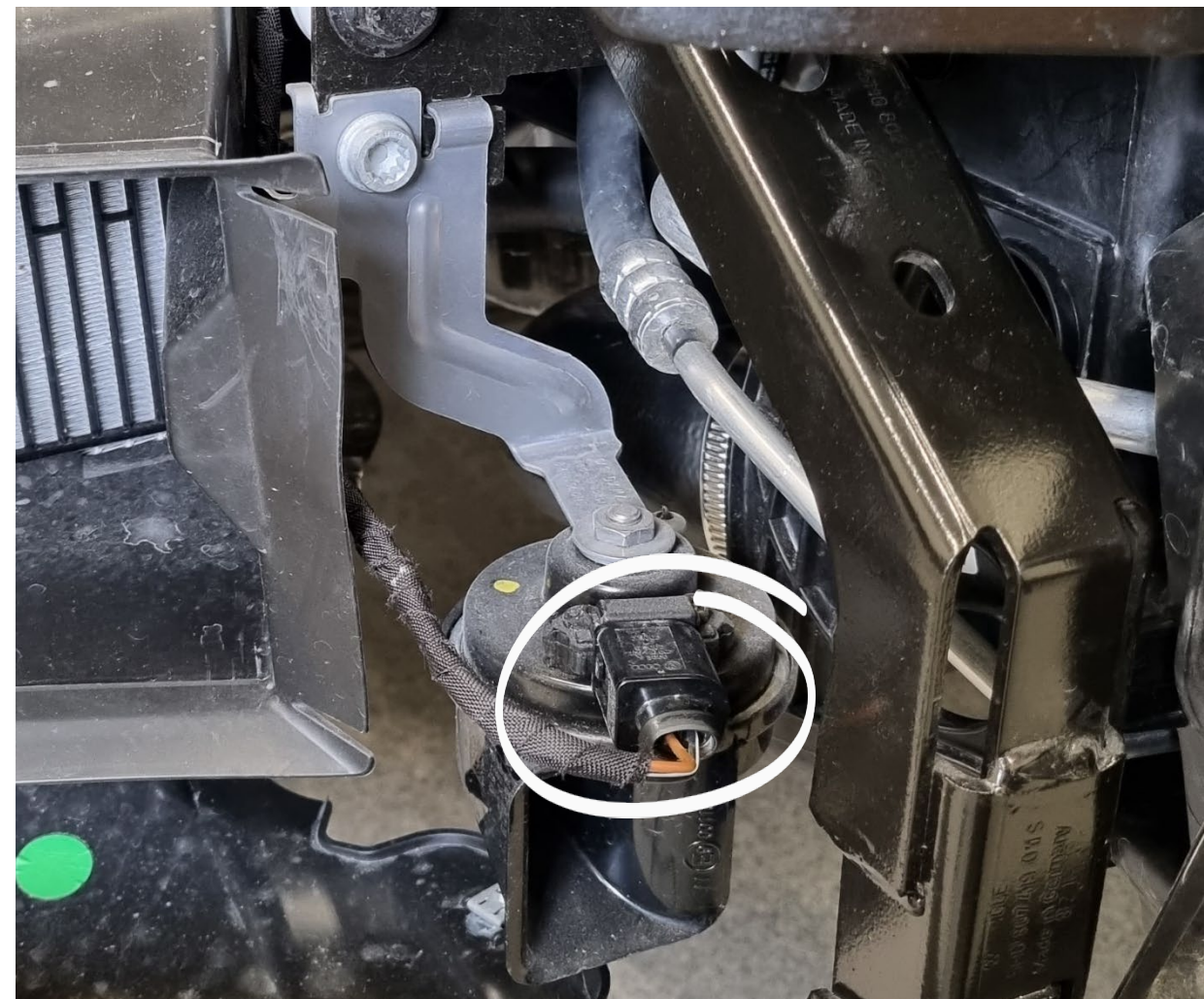
Do this on both sides of the car.



Step 15

Disconnect the cable connector to the hood mechanism.

Do this on both sides of the car.



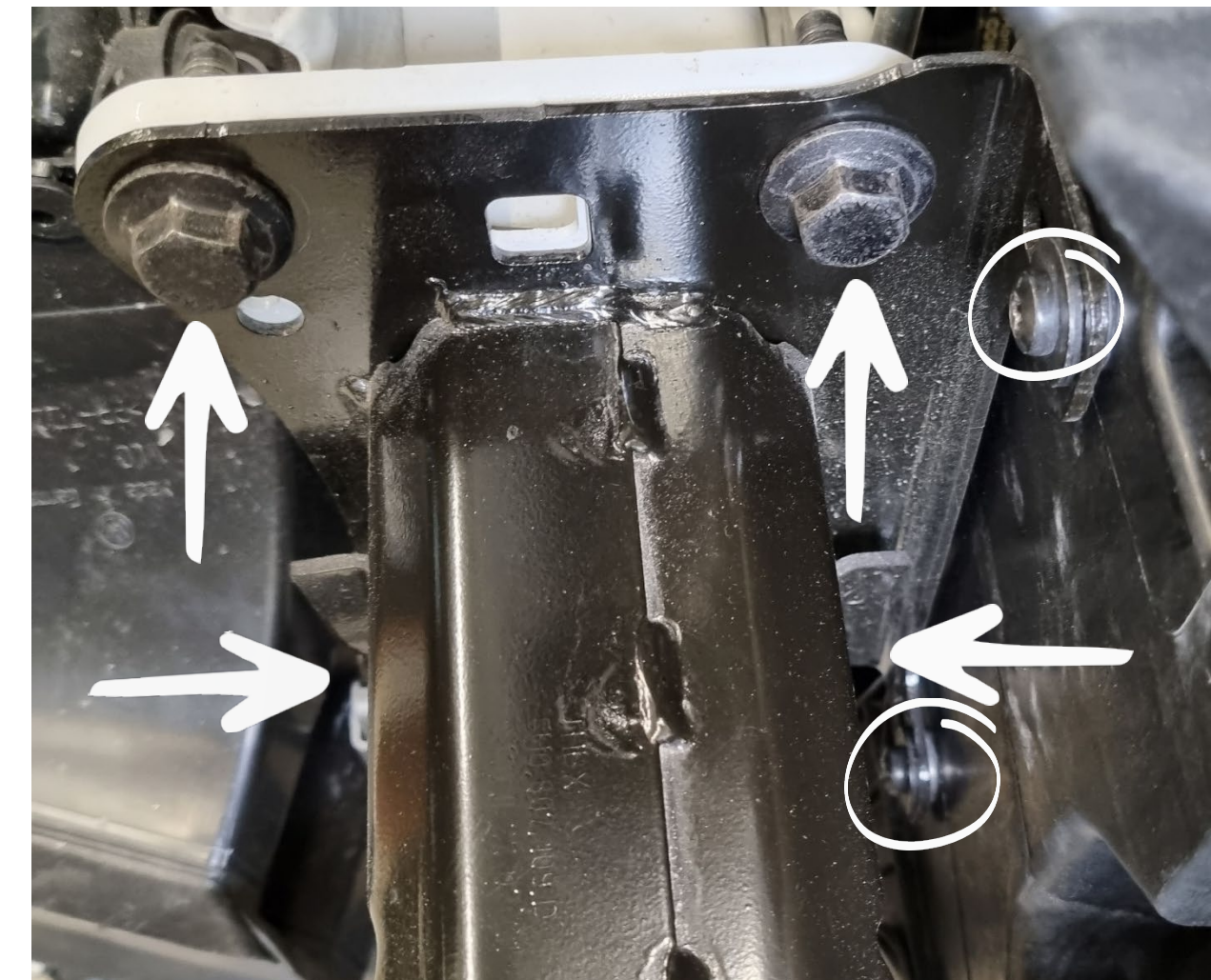
Step 16

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



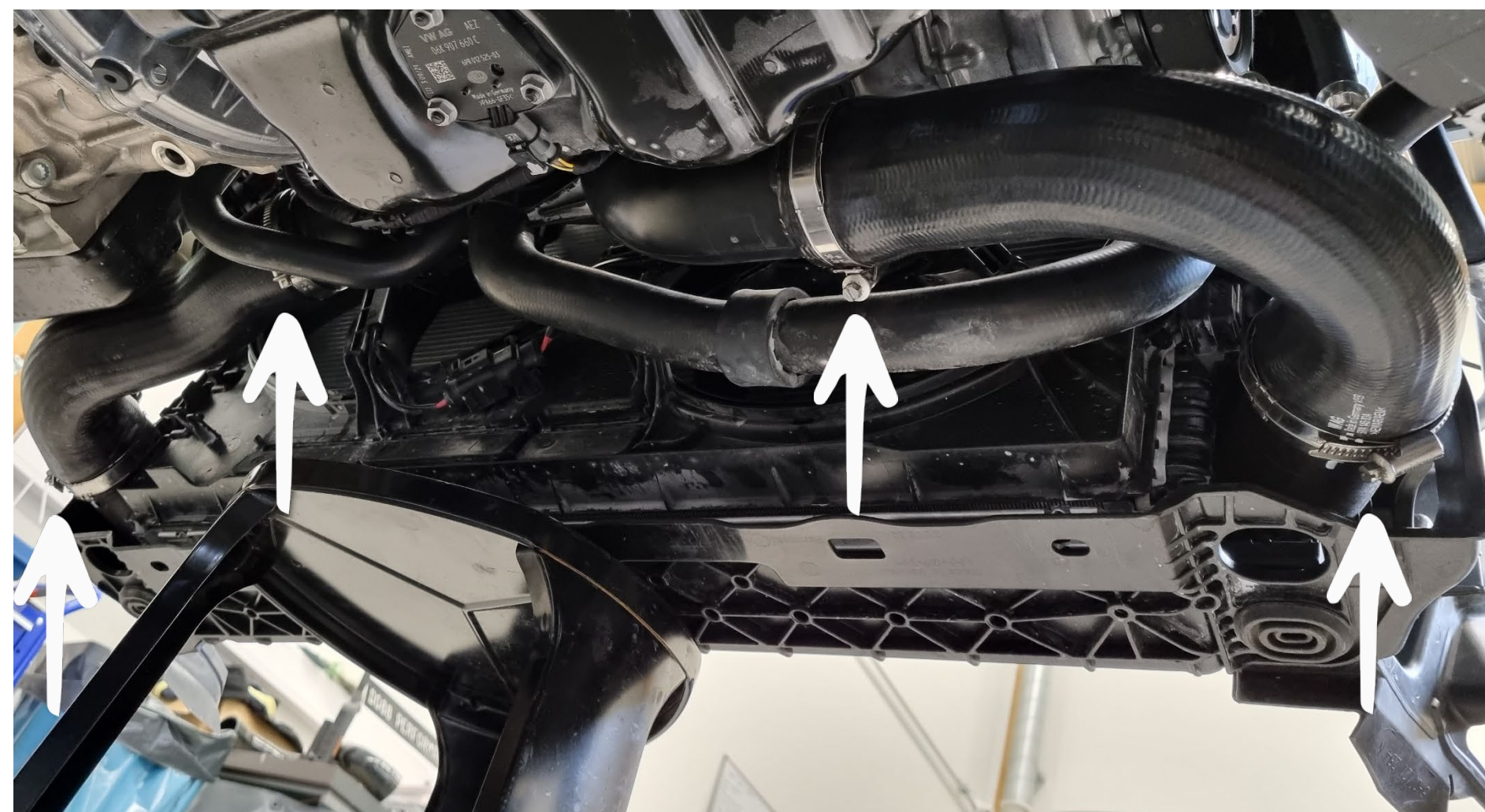
Step 17

Use a small flat head screwdriver to disconnect the plastic clip to the air temperature sensor.



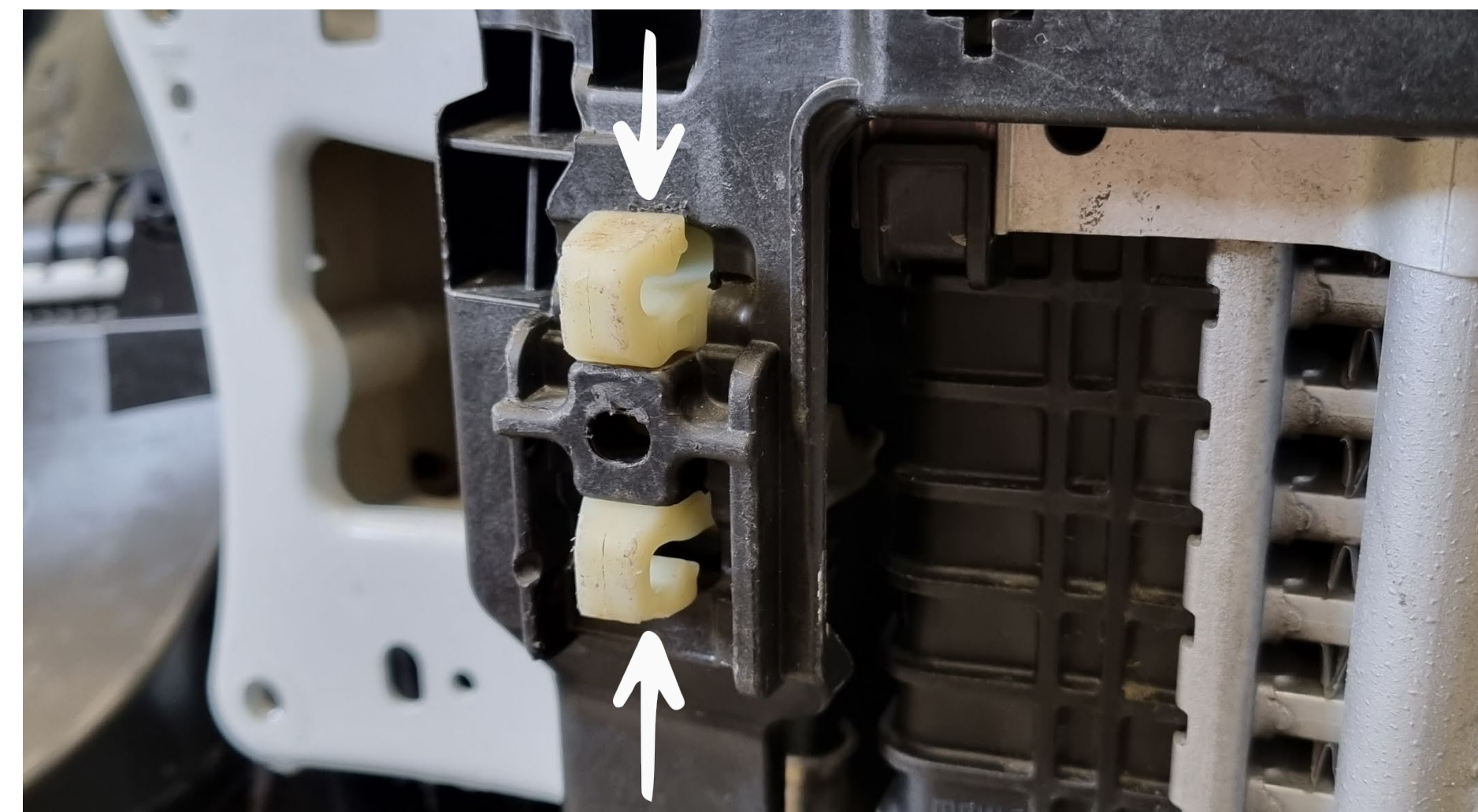
Step 18

Place a steady support under the intercooler and radiator.
Remove 4x 16mm hex screw and 2x T20 screws.
Do this on both sides of the cross member.



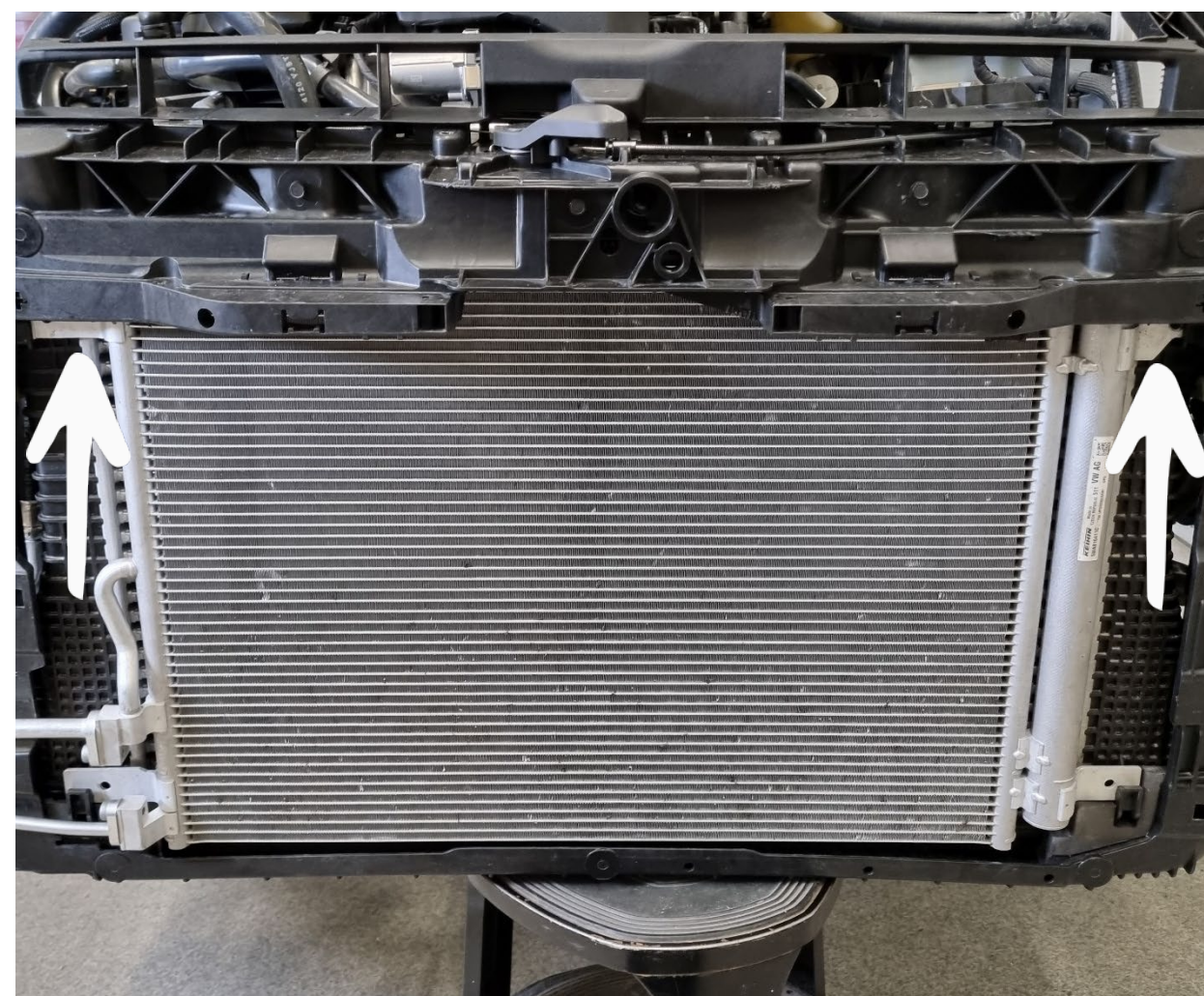
Step 19

Loosen 4x hose clamps and then remove the OEM pressure hoses.



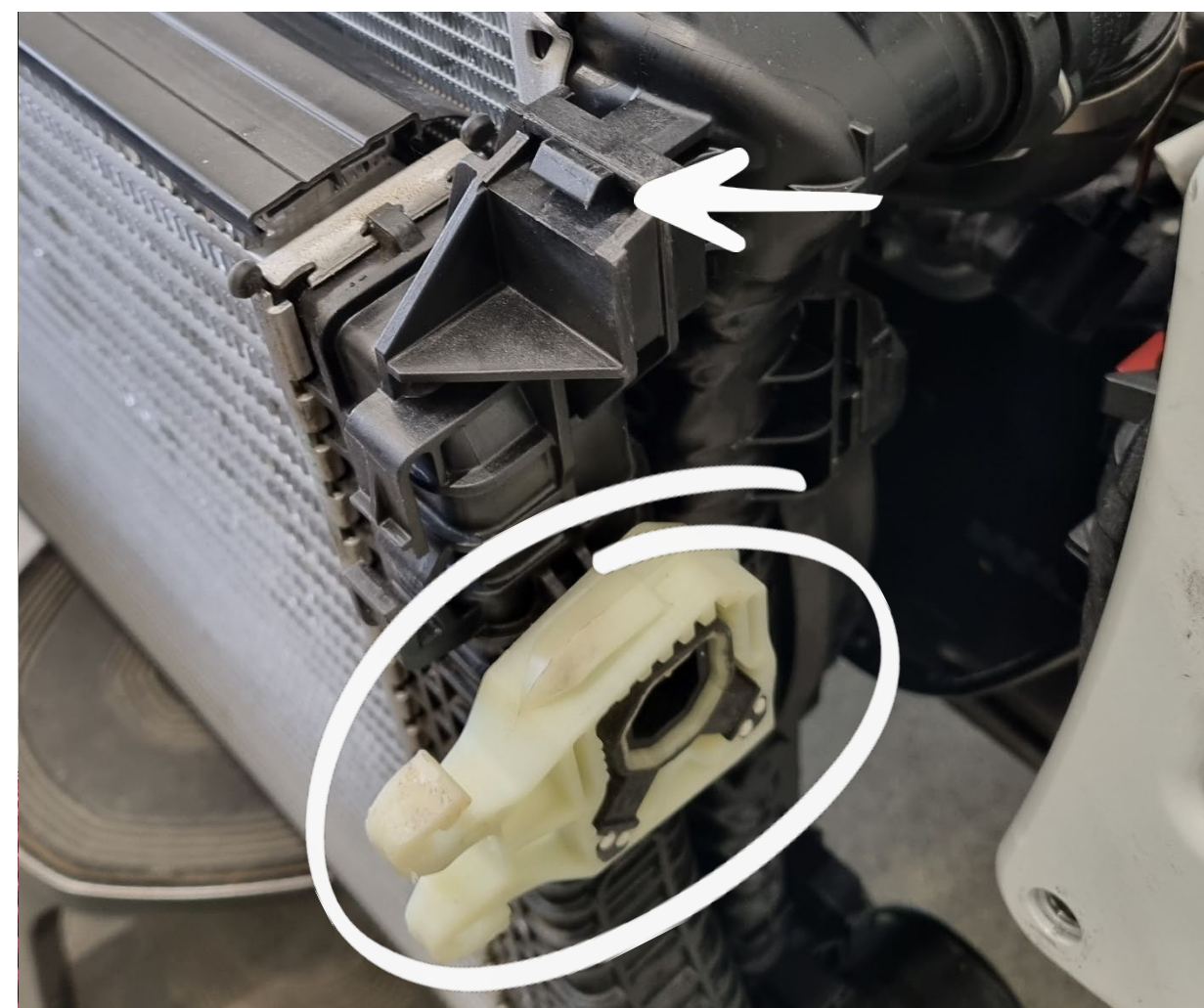
Step 20

Use a flat head screwdriver and push the plastic tabs down while using a hammer and gently tap the tabs in.
Do this on both sides of the intercooler.



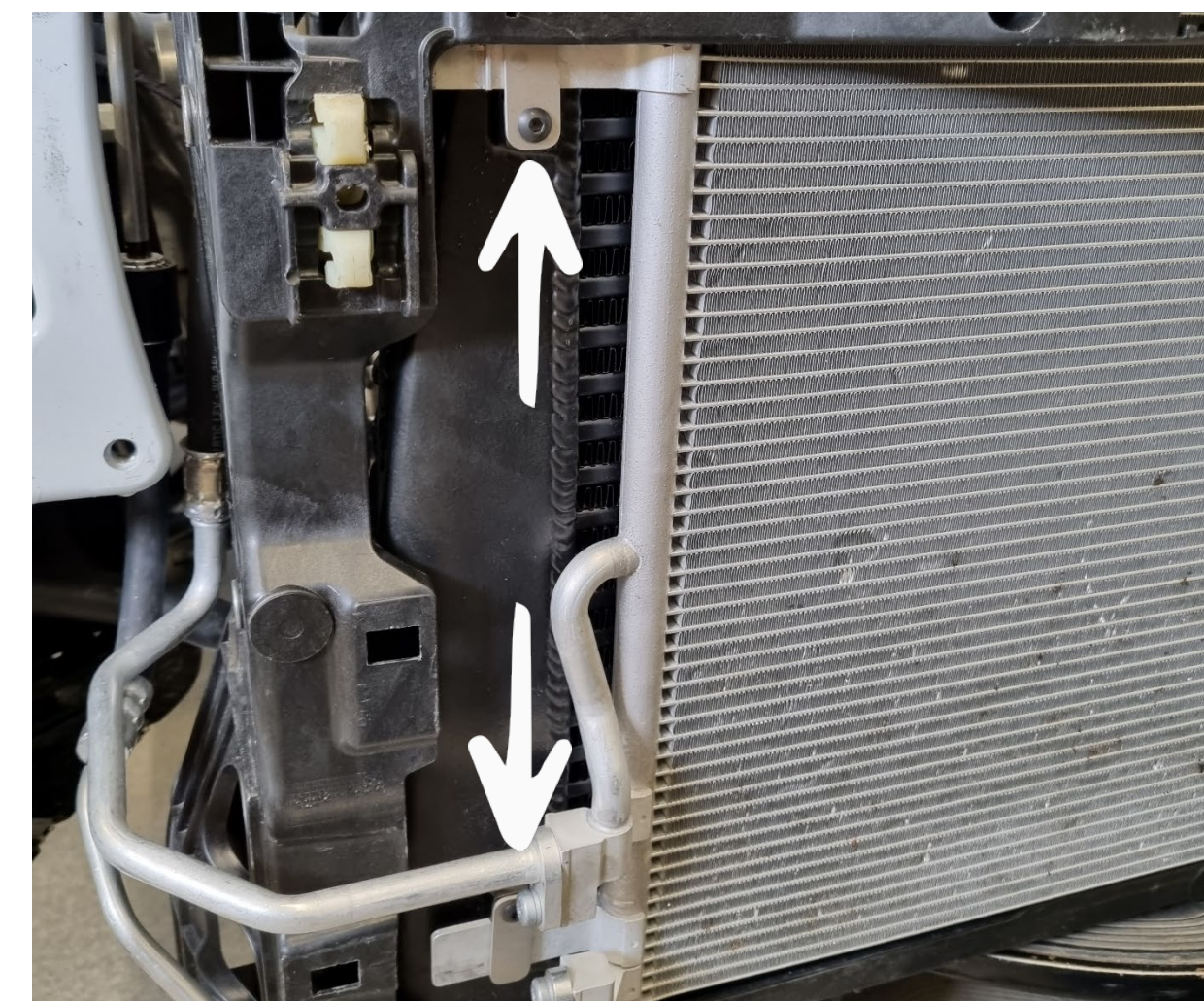
Step 21

Use a small flat head screwdriver and loosen the plastic clips on the top of the AC condenser. Lift the AC condenser gently upwards and towards yourself to free the AC condenser from the intercooler. Gently support the AC-condenser on a pallet tied down with some strap.



Step 22

Remove the plastic radiator support frame around the intercooler and watercooler. Use a small flat head screwdriver to separate the intercooler and watercooler. Do this on both sides of the intercooler. Pry the intercooler towards yourself and lift the Intercooler out from the car. Remove the plastic brackets from the OEM intercooler and install on the do88 performance intercooler.



Step 23

Install the do88 performance intercooler with the included screws and brackets as shown on picture. Re-install all other parts in reverse order.



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Installation Instruction

Performance Charge pipes



VAG 2.0 TSI
EA888 Gen4



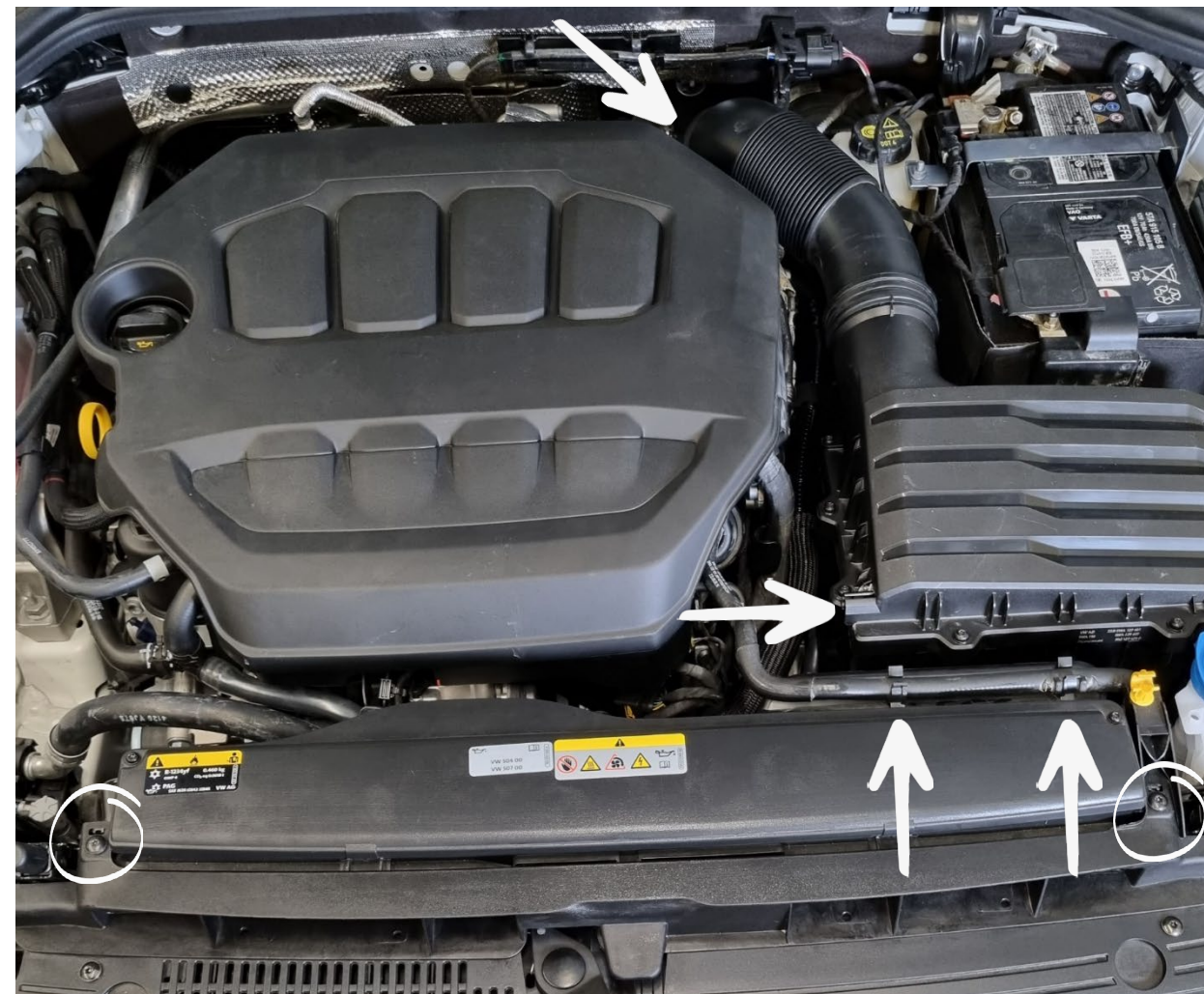
Description

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

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

Parts list

- 2pcs do88 Performance charge pipes
- 4pcs Silicone hoses
- 1-4 pcs M5x12 mm black Allen screws
- 7pcs 60 - 80 mm hose clamps black
- 1pc 50 - 70 mm hose clamps black

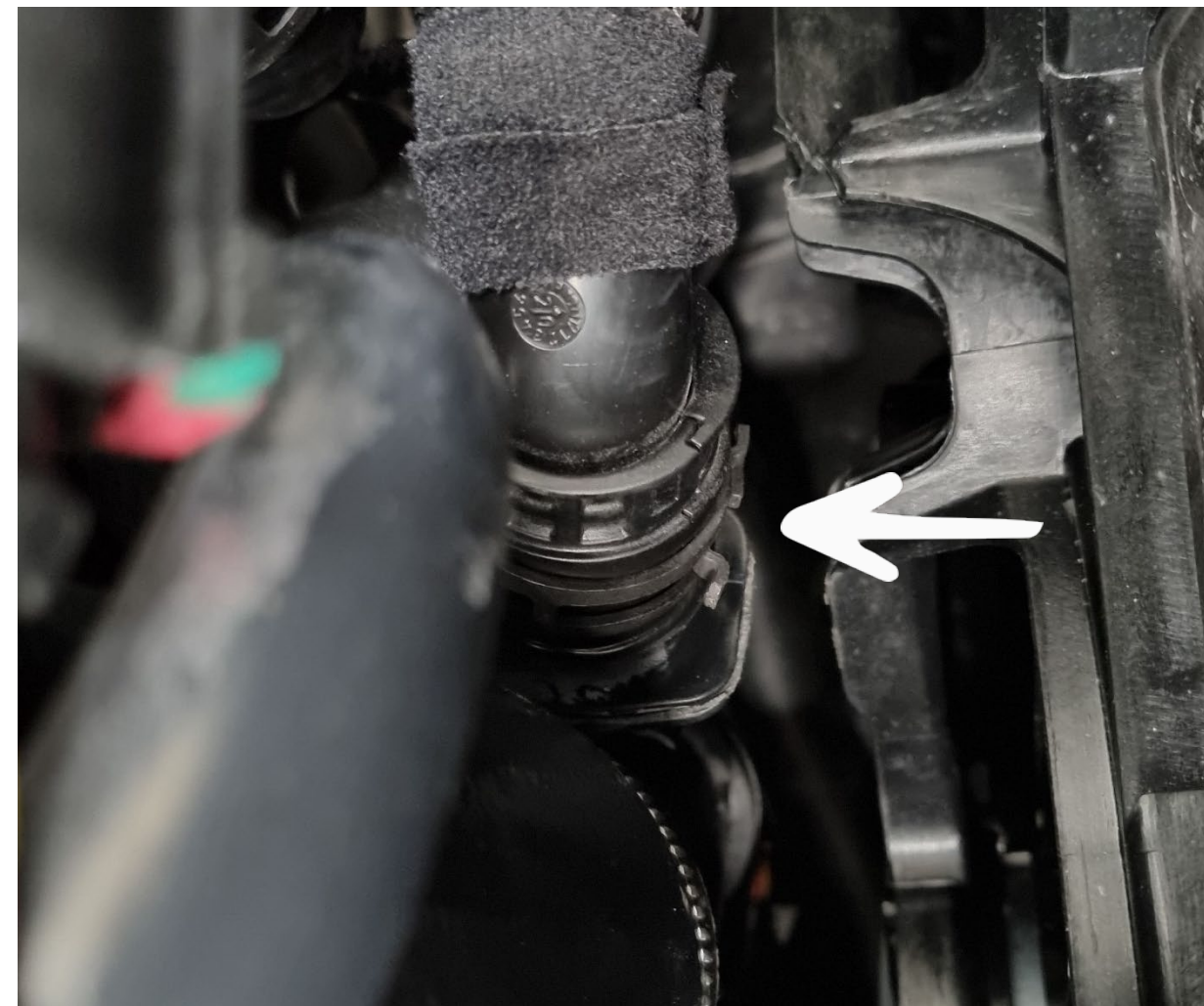


Step 1

Loosen the coolant hose from the front air filter box duct. Also remove 2x T25 screw to remove the frontal air ducting.

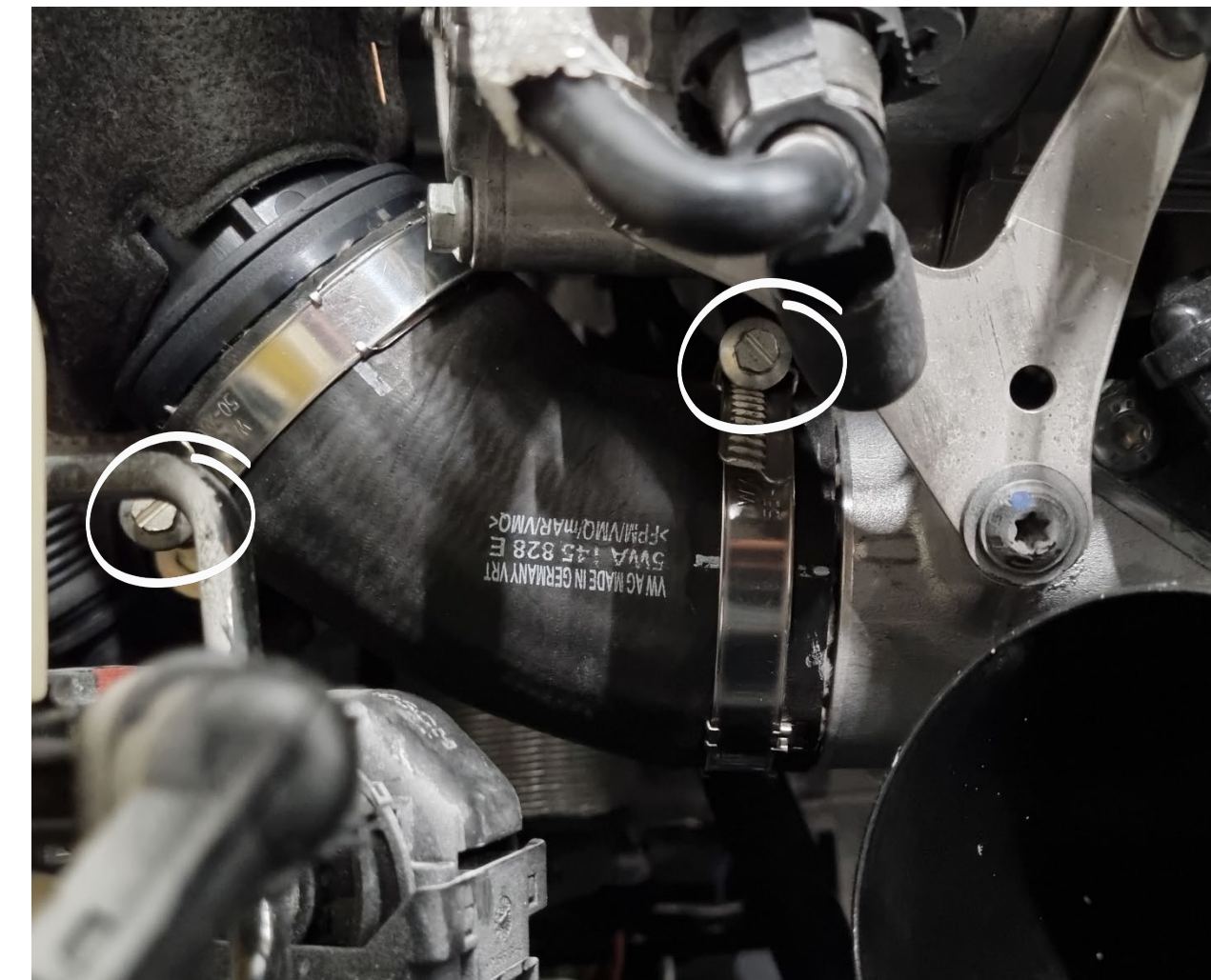
Disconnect the vacuum hose on left side air filter box.

Loosen 1x 7mm hose clamp at the turbo inlet.
Now remove the entire air filter box up and then disconnect the crankcase hose.



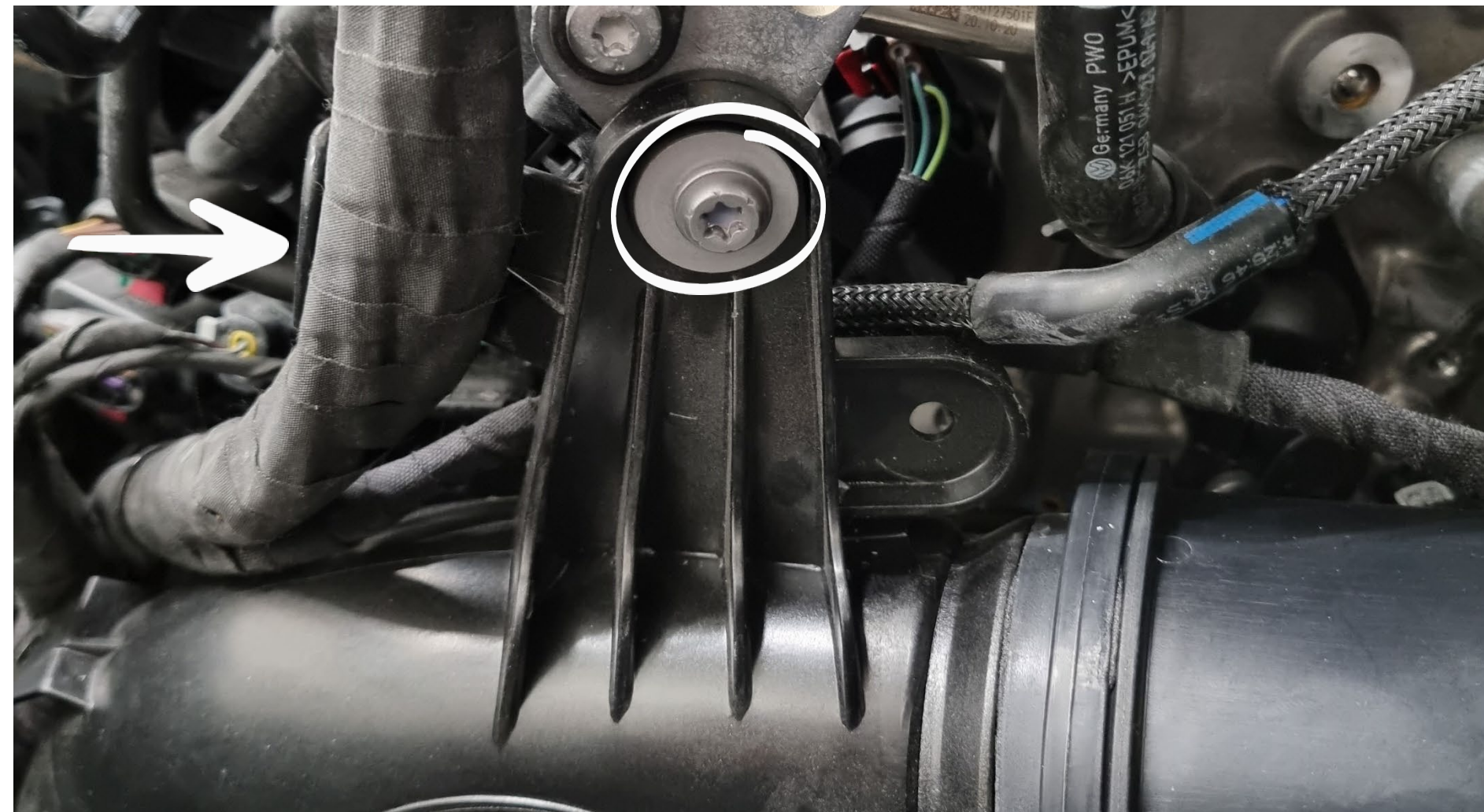
Step 2

Remove 1x hose clamp to the crank case hose.
Remove the crank case hose out from the car.



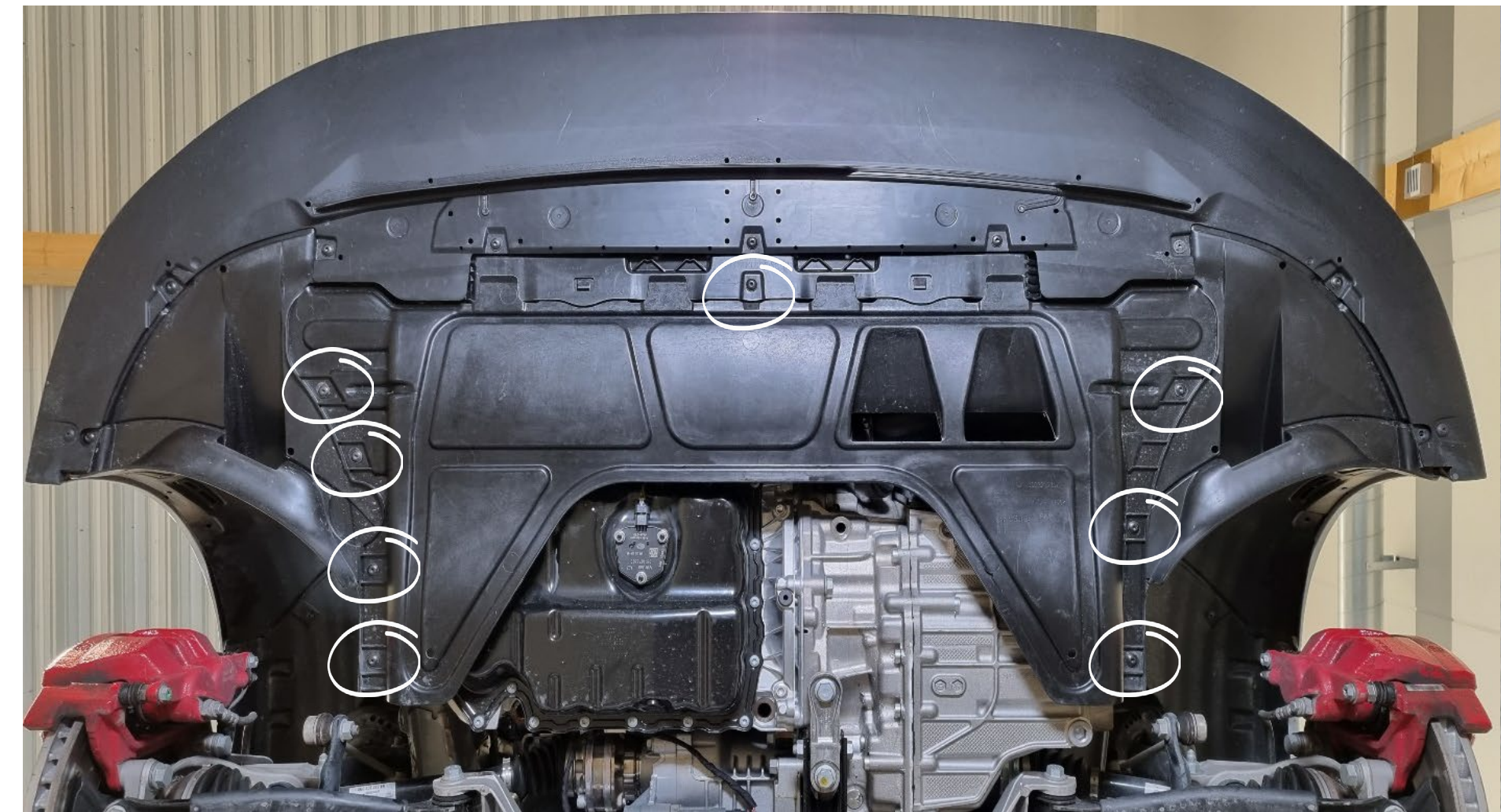
Step 3

Loosen 2x 7mm hose clamps and remove the turbo outlet hose from the car.



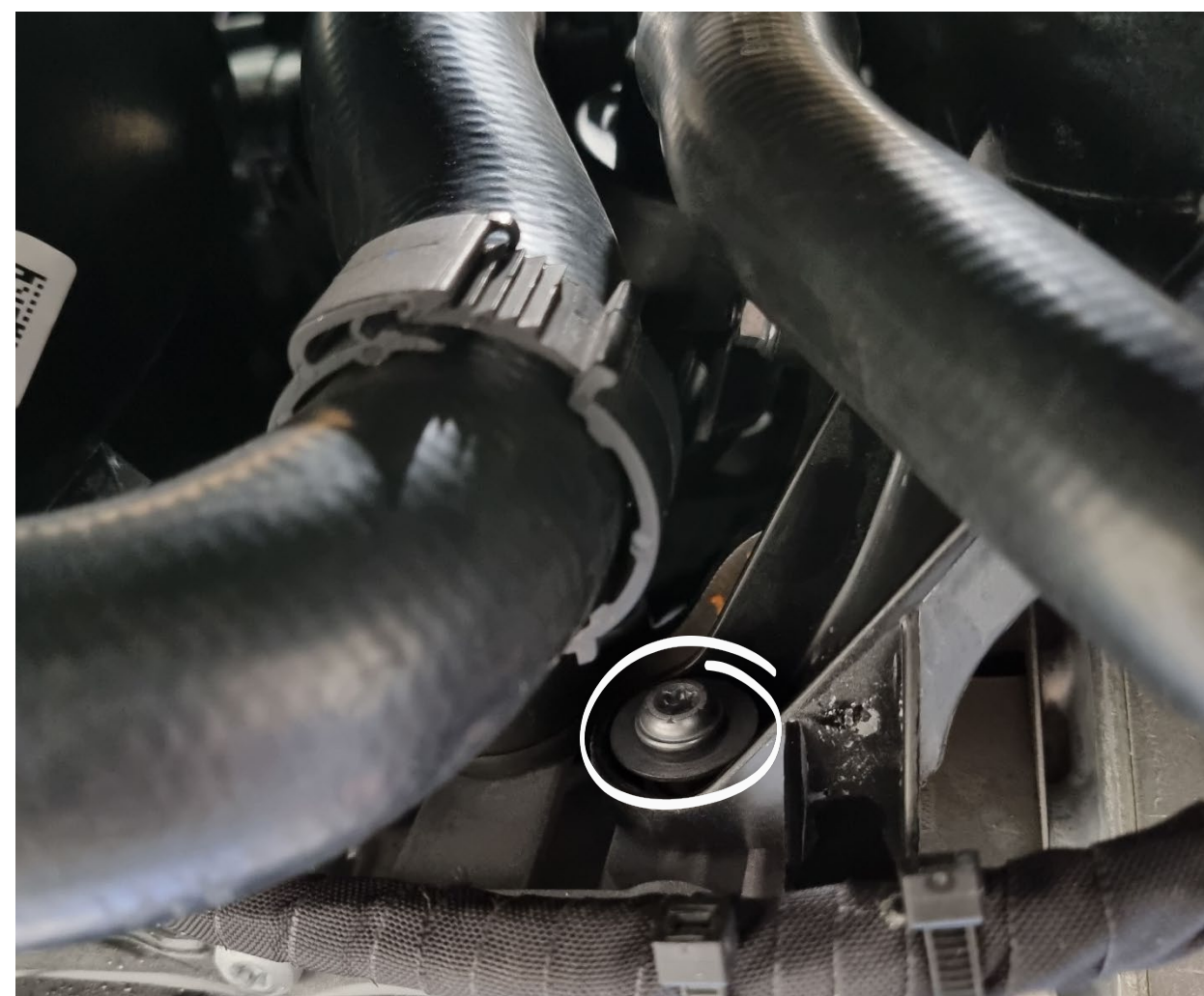
Step 4

Loosen 1x T30 screw holding the plastic charge pipe.
Move the cable harness out of the way.



Step 5

Lift the car up and remove 8x T25 screws to remove the plastic cover
underneath the car.



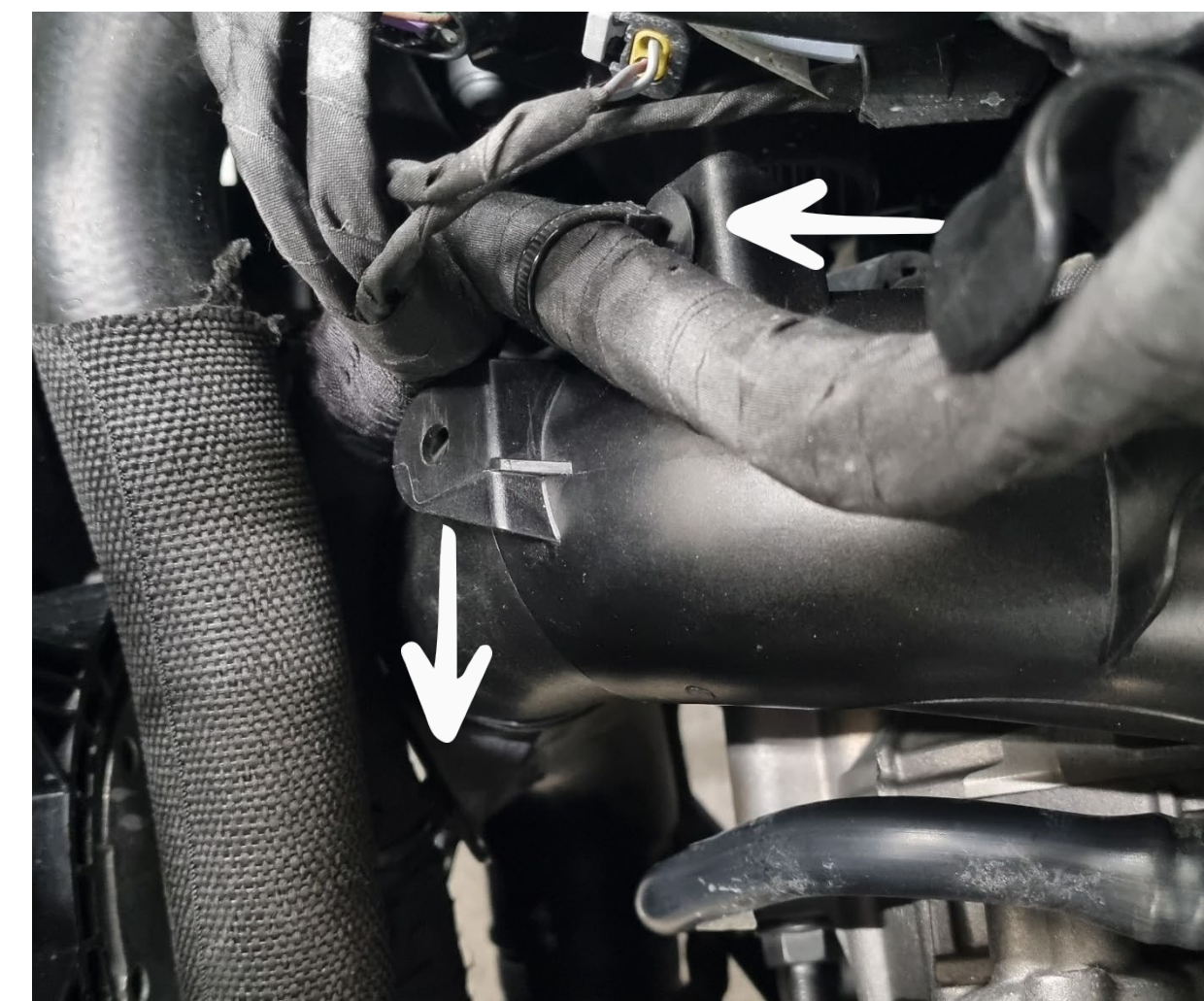
Step 6

Remove 1x T30 screw located on the lower part of the plastic charge pipe (Turbo->Intercooler).



Step 7

Loosen 2x 7mm hose clamp and remove the intercooler inlet hose.



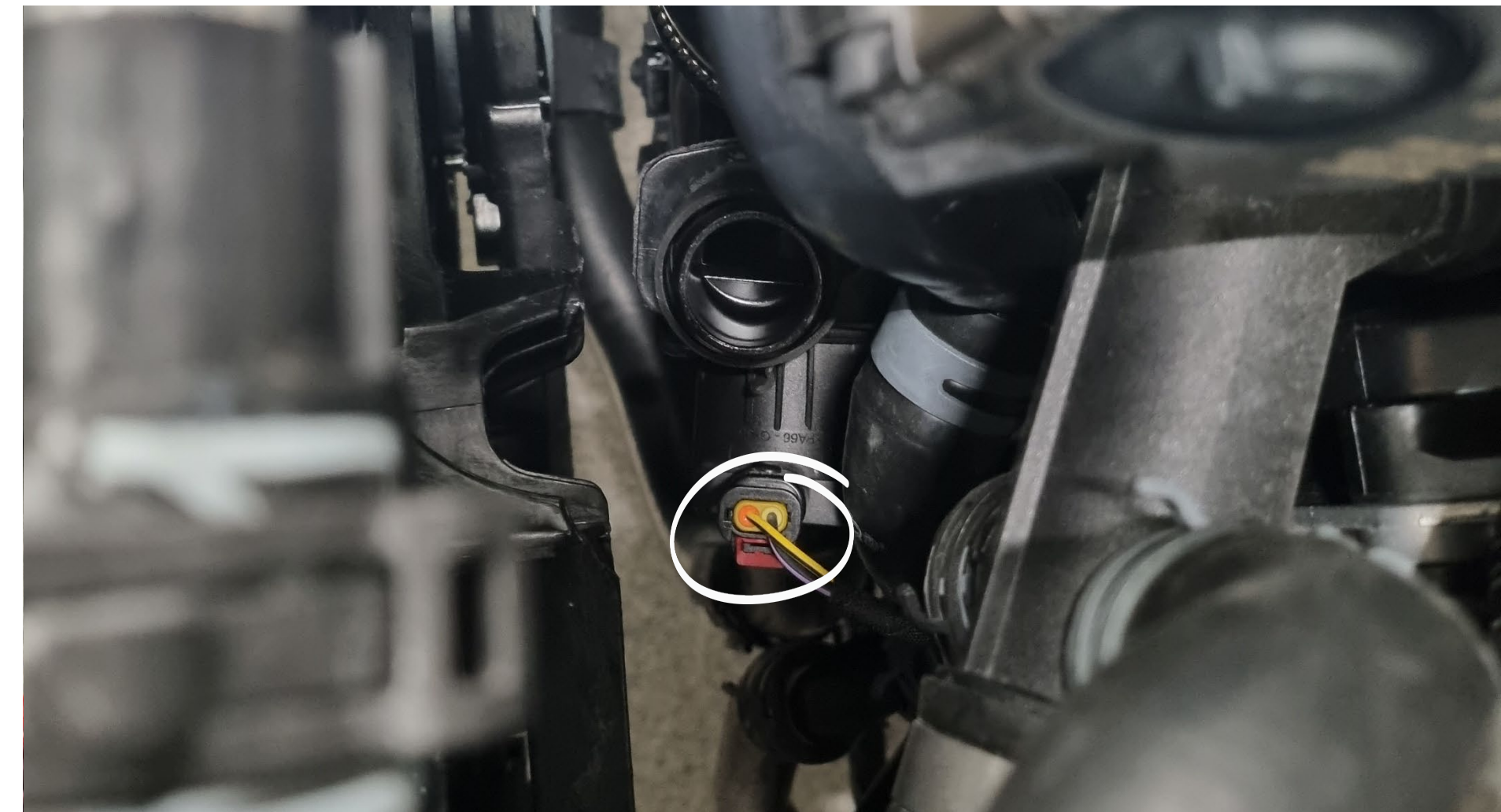
Step 8

Disconnect 2x cable clips from the charge pipe. Then remove the charge pipe, lift it upwards and remove it from the car.



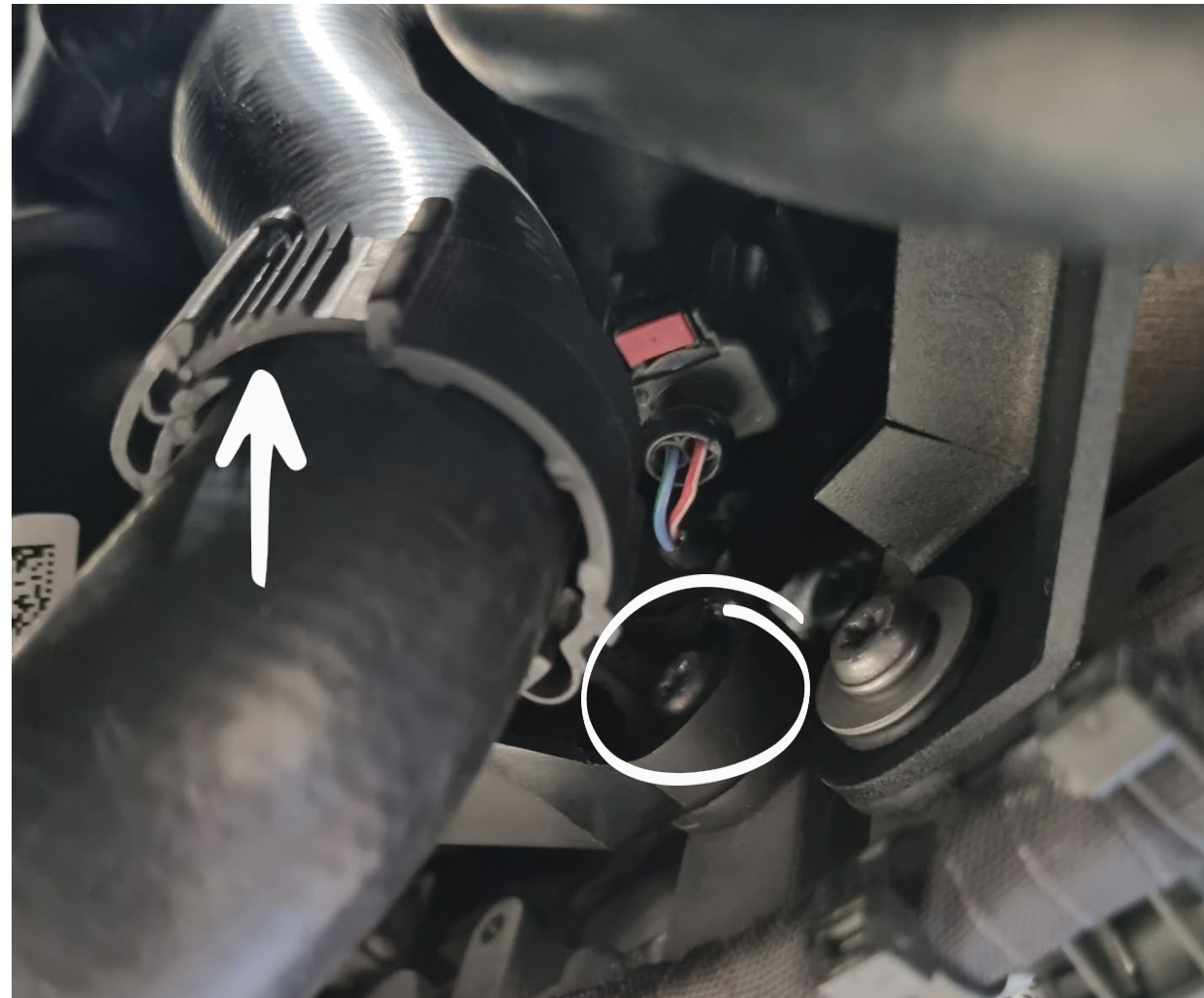
Step 9

Loosen 1x 7mm hose clamp located on the throttle housing.



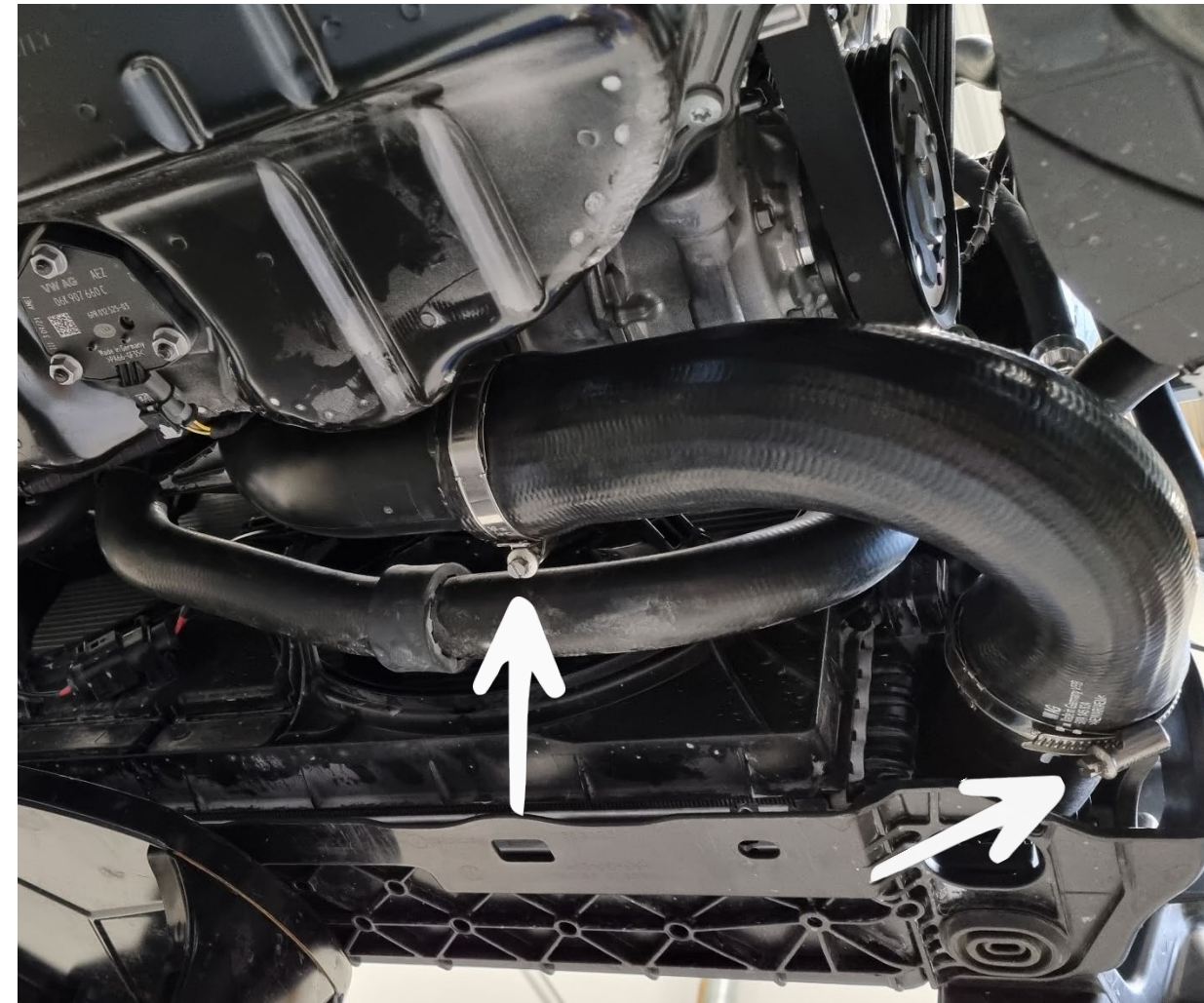
Step 10

Only on cars with stock power over 300hp disconnect the blow off valve return hose and cable connector (located below the throttle body).



Step 11

Loosen 1x T30 holding the plastic bracket on the charge pipe (Intercooler->Throttle body).
Use a small flat head screwdriver and open the plastic clamp fit to loosen the coolant hose clamp.



Step 12

Loosen 2x 7mm hose clamps and remove the intercooler outlet hose.



Step 13

Use a small flat head screwdriver and disconnect the cable connector on the sensor located on the charge pipe.



Step 14

Loosen 1x T30 screw holding the lower plastic bracket on the charge pipe.
Now remove the charge pipe from the car.



Step 15

Remove the sensor and the blow-off valve (on 300hp+ cars) from the OEM charge pipe and install them on the do88 pressure pipe with the included m5x12 black Allen screws.

Use a small flat head screwdriver and remove the screw and rubber bushings from the both OEM charge pipes and re-install them in the do88 charge pipes.

Re-install all other parts in reverse order.



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