



# Installation Instruction

Performance Intercooler

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2.0 TSI (EA888 Gen 4)



## Description

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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

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- 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.

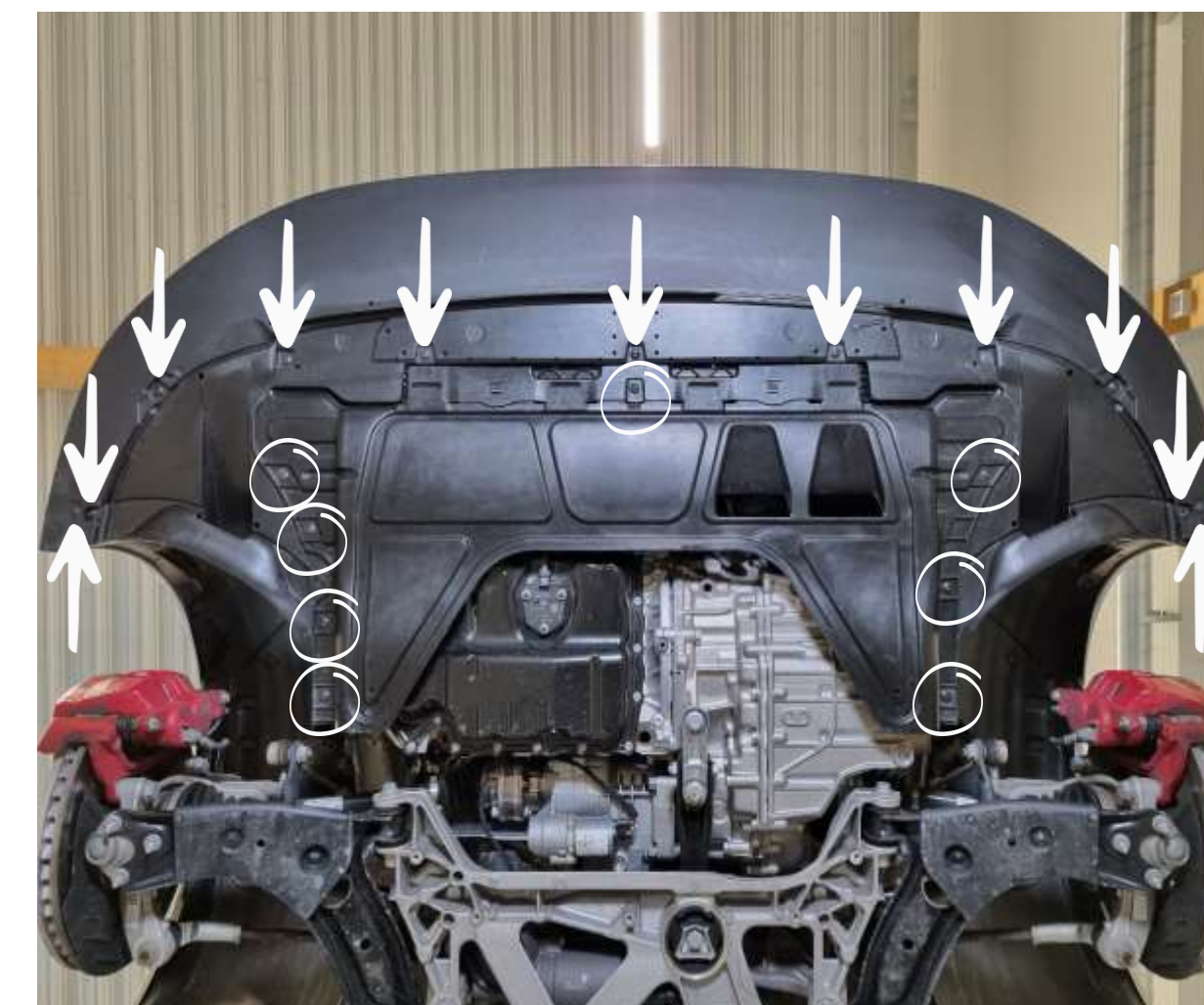
Remove 3x T25 screws inside the wheel arch on both sides of the car.



## Step 2

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

Do this on both sides.

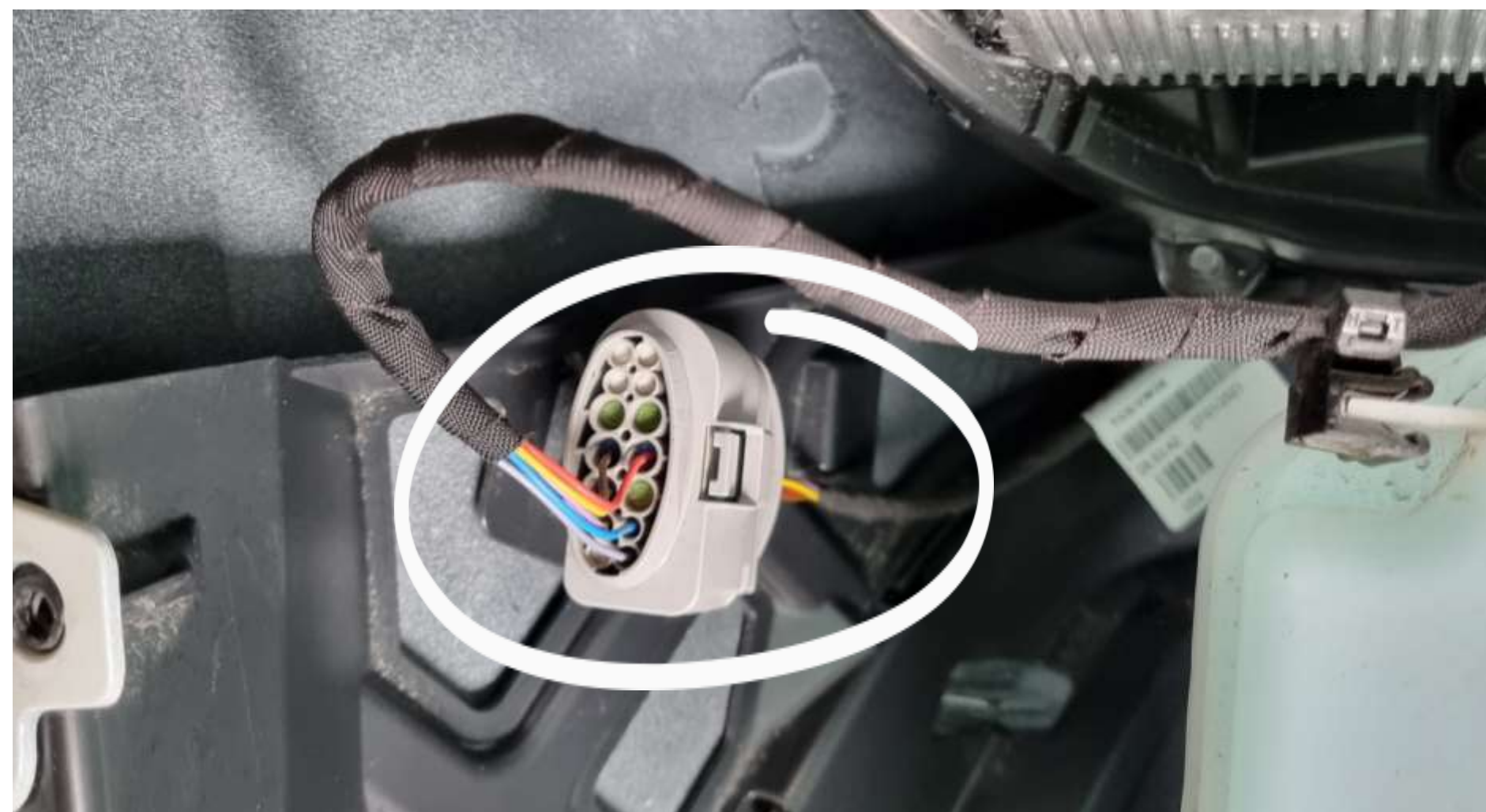


## Step 3

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

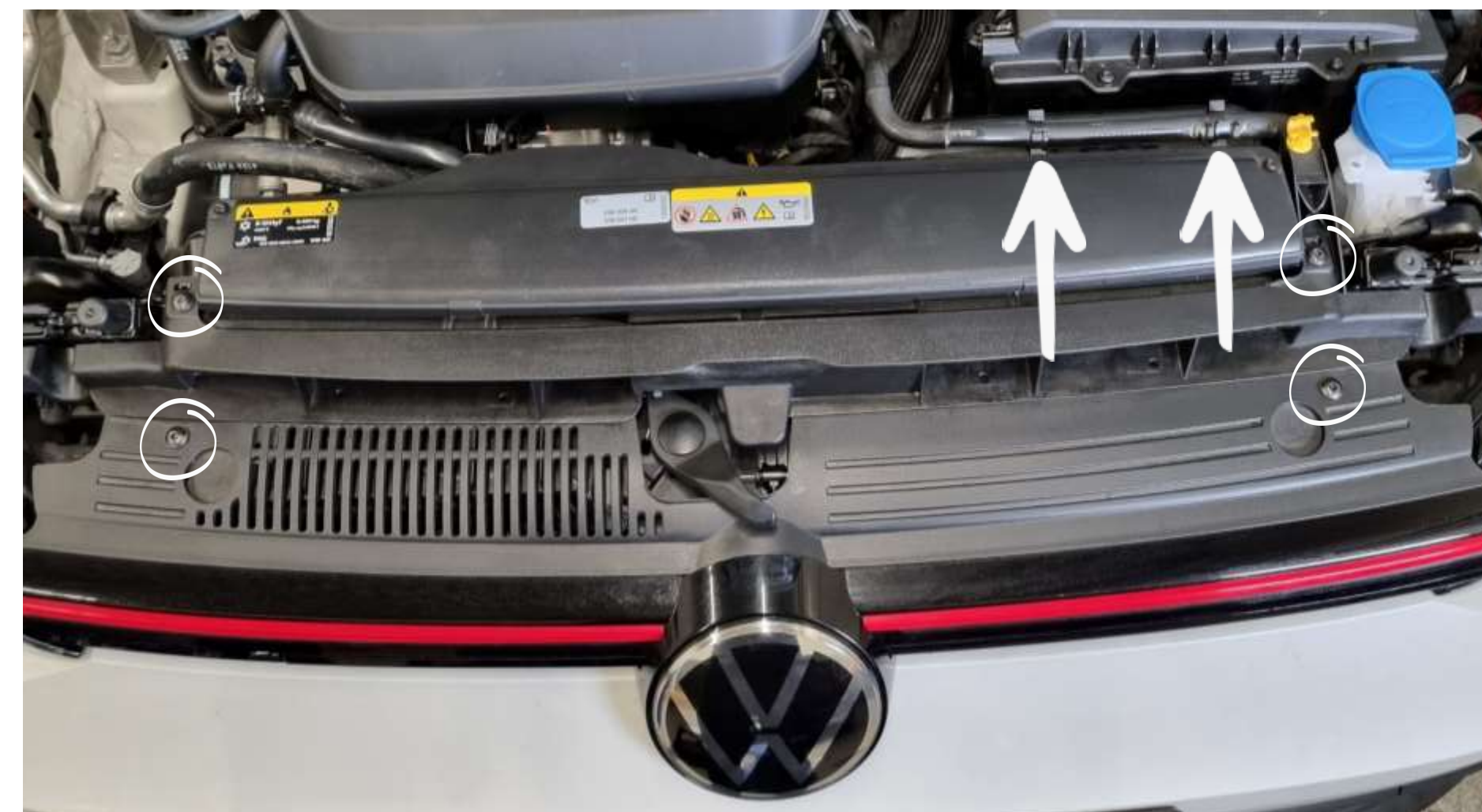
Remove 11x T25 screws at the front lower edge of the bumper.





## Step 4

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

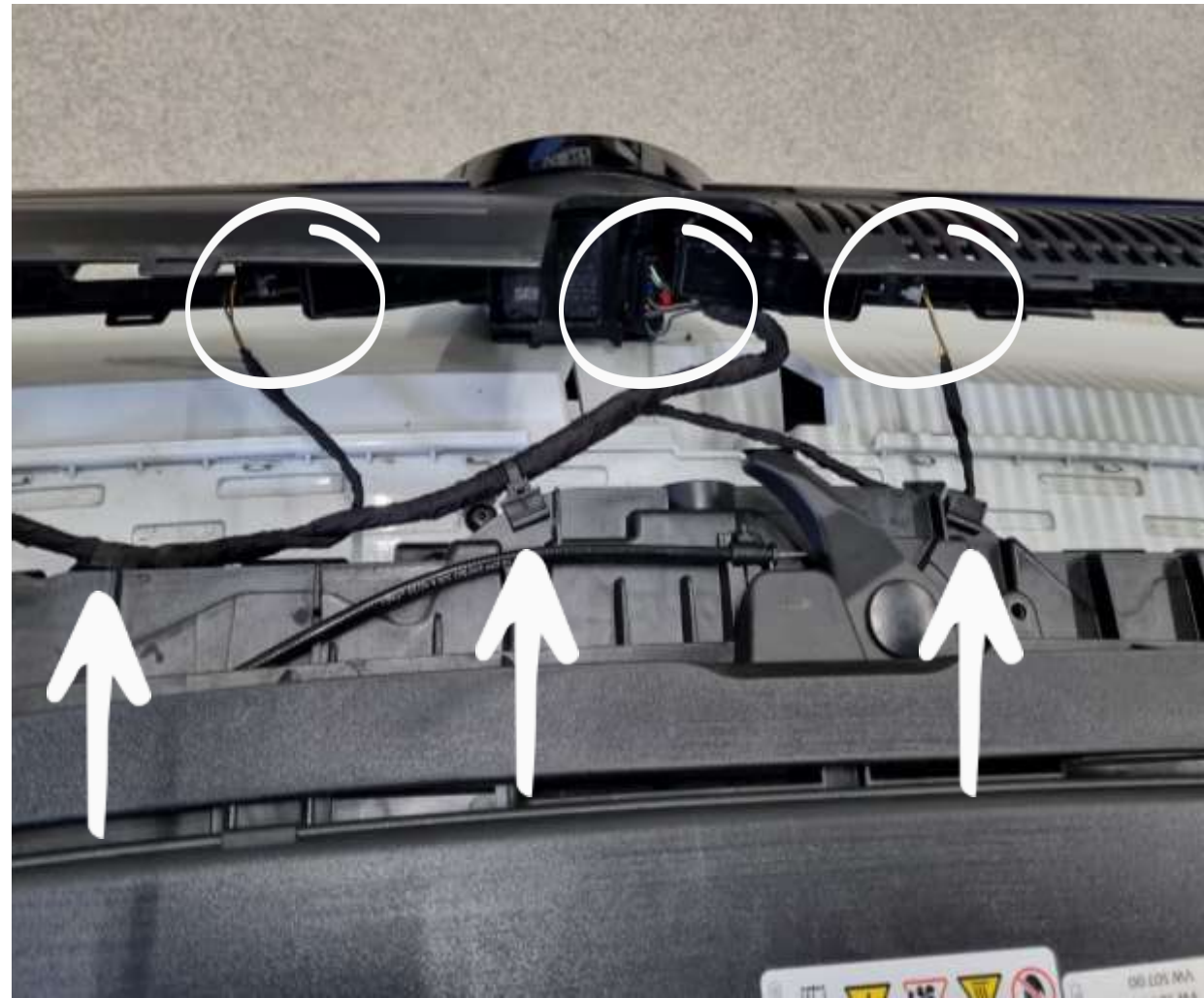


## Step 5

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.





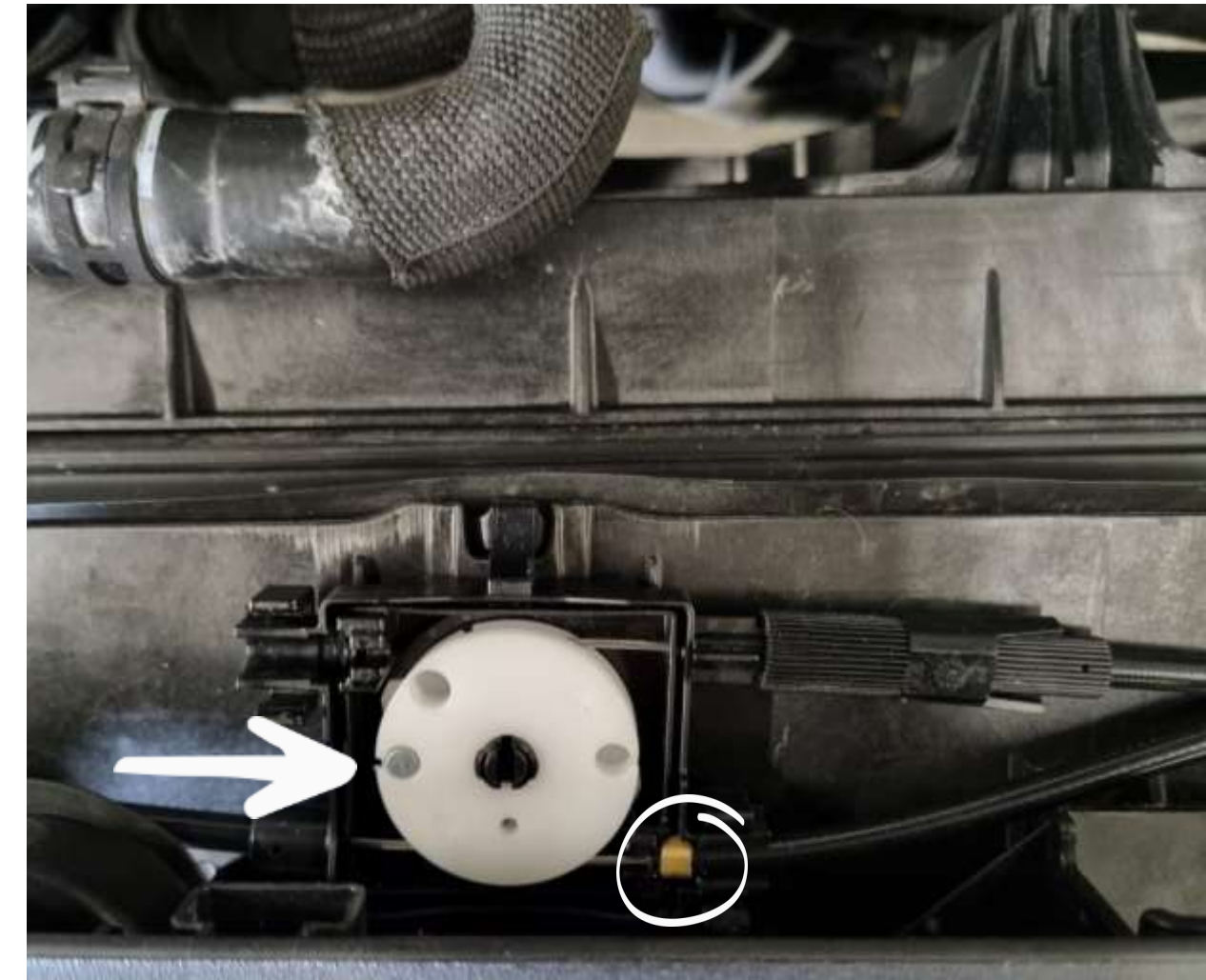
## Step 6

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



## Step 7

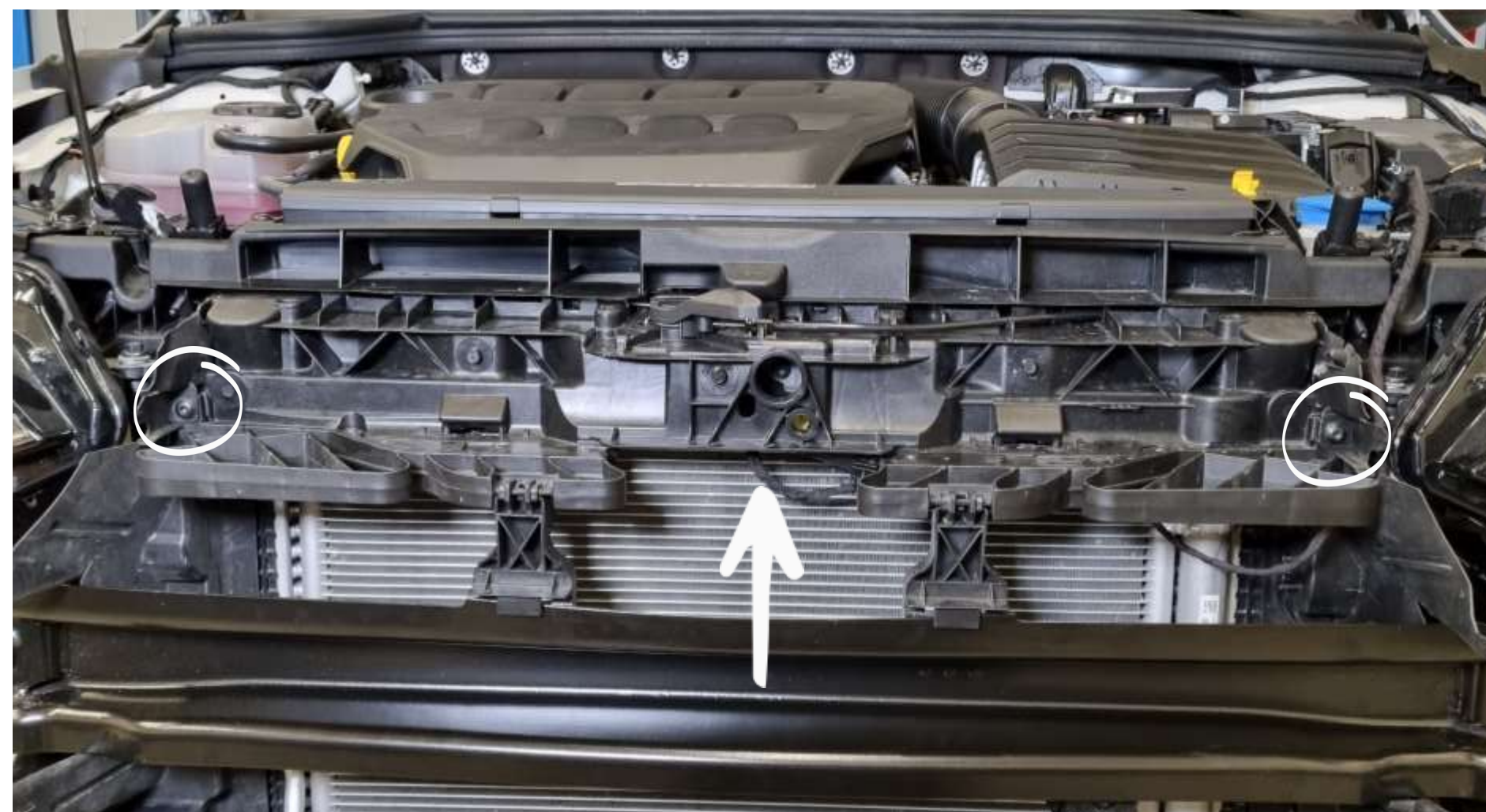
Remove 4x T25 screws.  
Remove the front bumper with the help of a friend. Start with gently pulling the bumper outwards at the wheel arches on both sides.



## Step 8

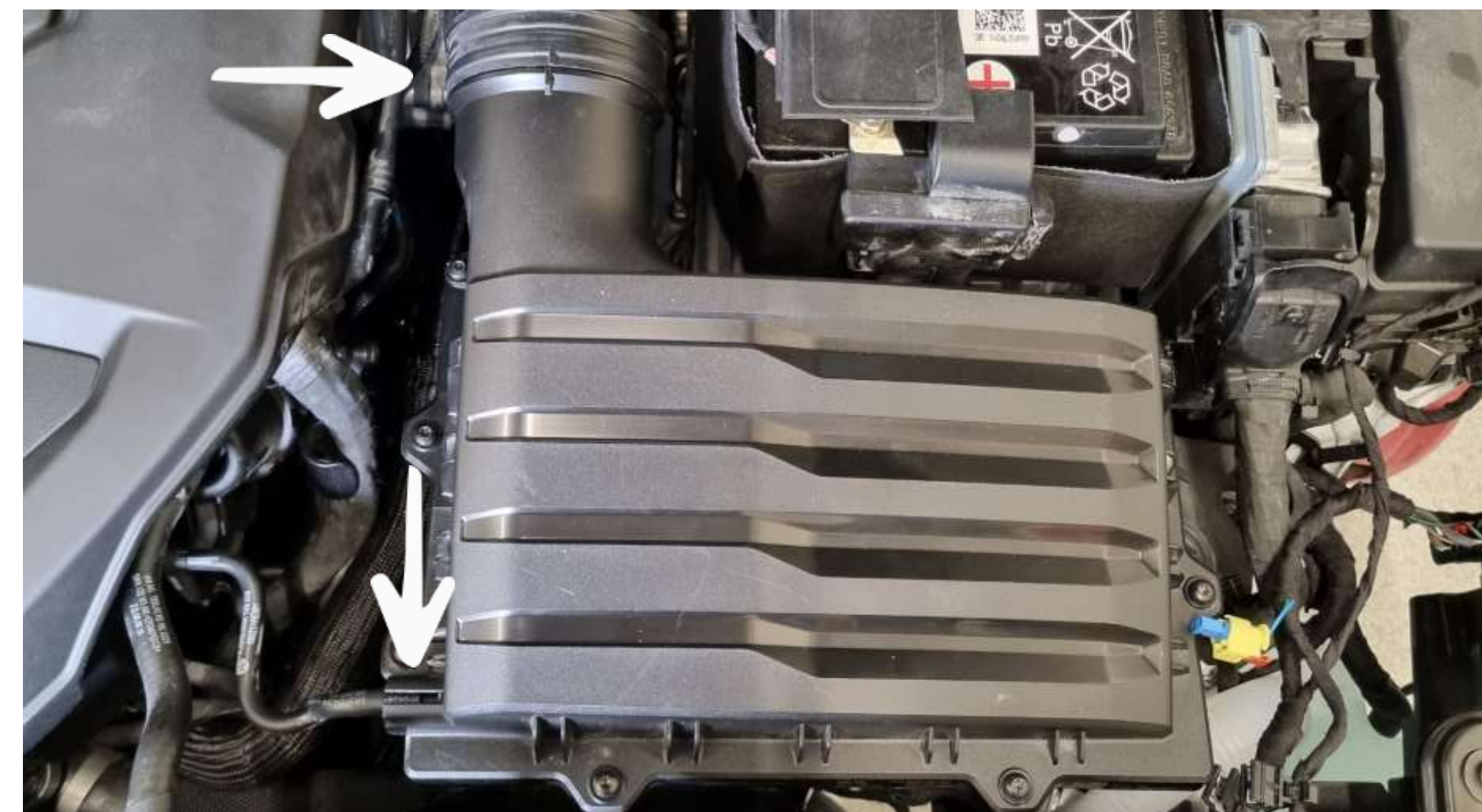
Remove the plastic cover for the hoodwire mechanism, use a small flat head screwdriver to separate the wire from the plastic mechanism.





## 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.





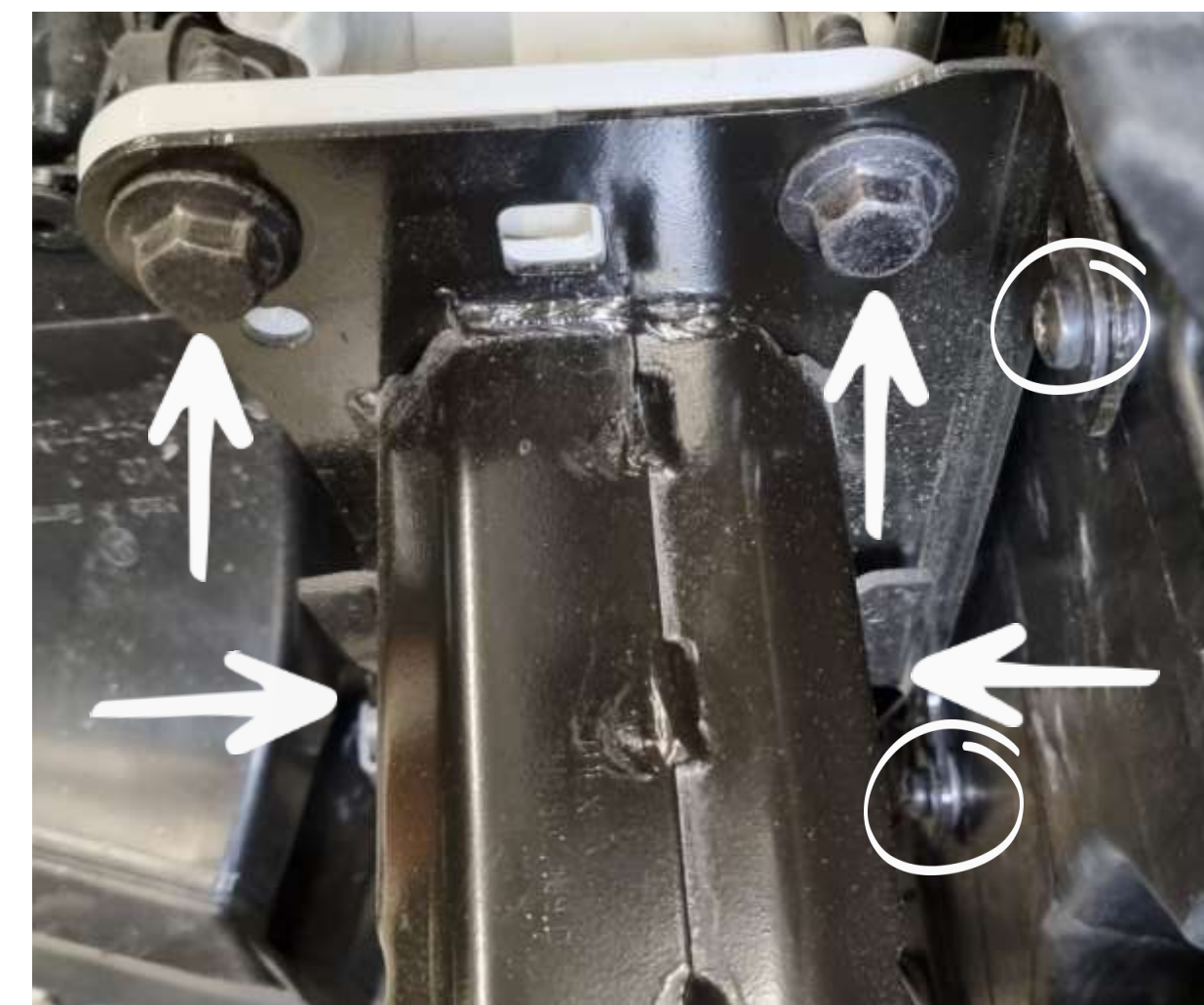
## Step 16

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

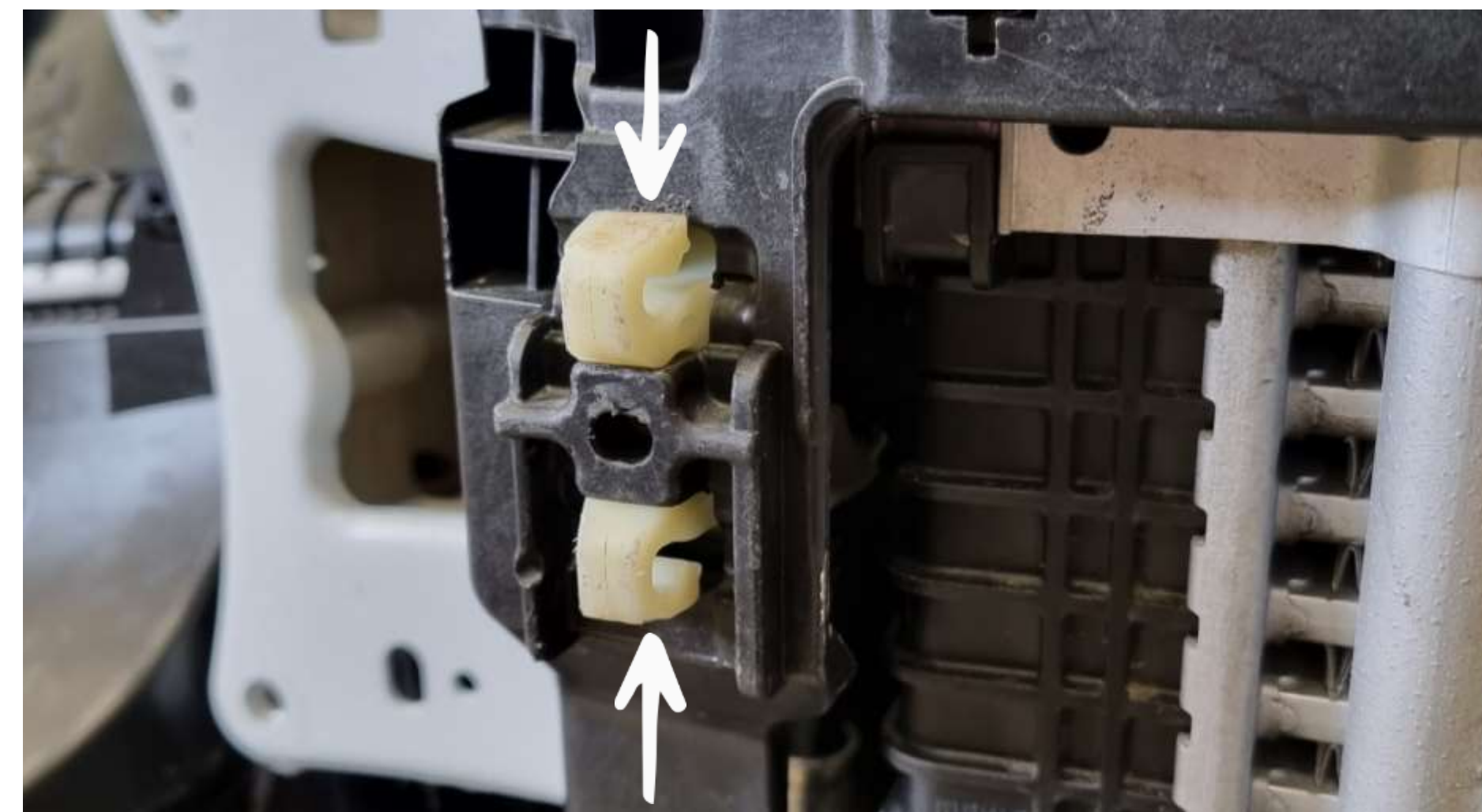
Place a steady support under the intercooler and radiator.  
Remove 4x 16mm hex screw and 2x T20 screws.  
Do this on both sides of the cross member.





## Step 19

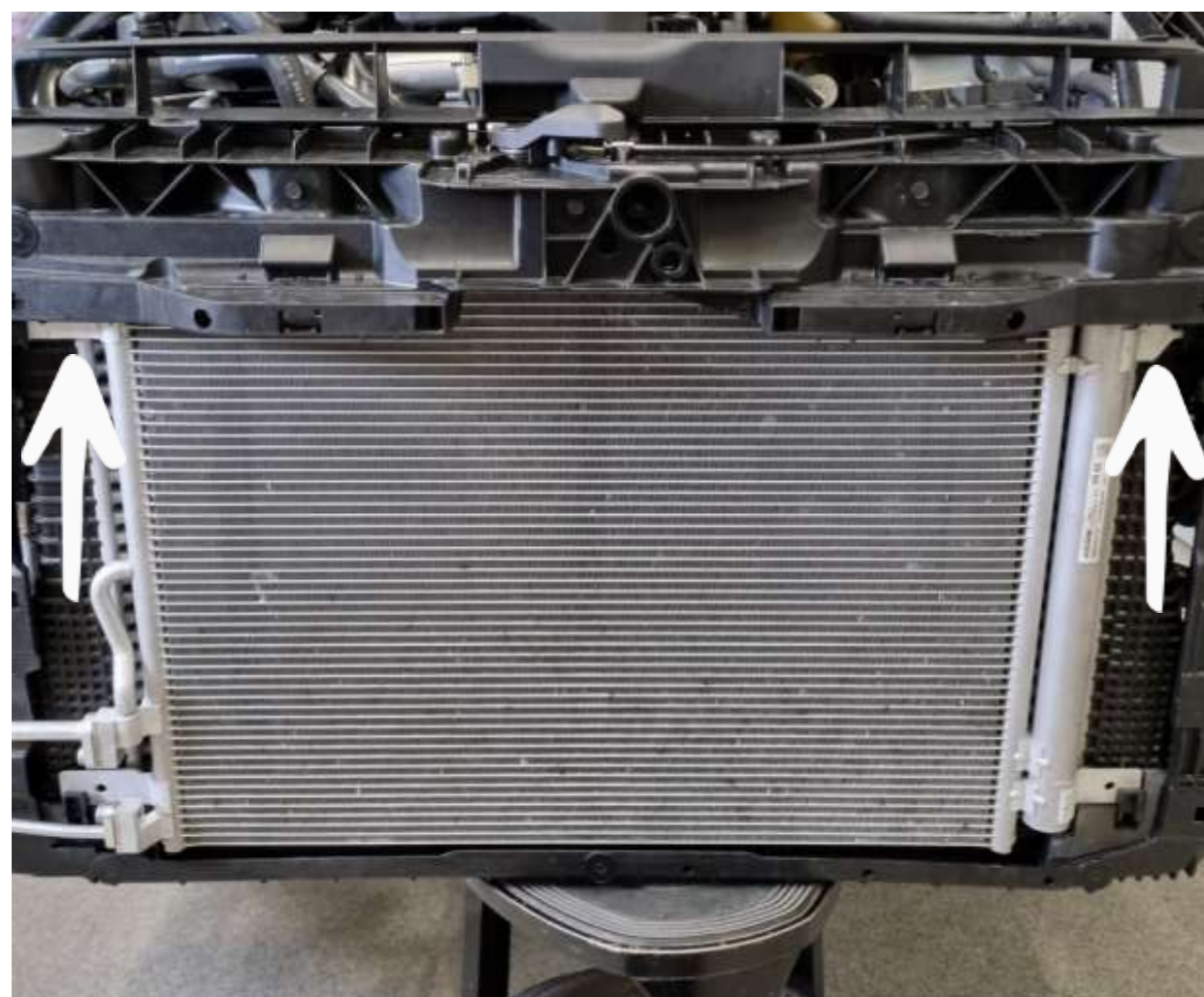
Loosen 4x hose clamps and then remove the OEM pressure hoses.



## Step 20

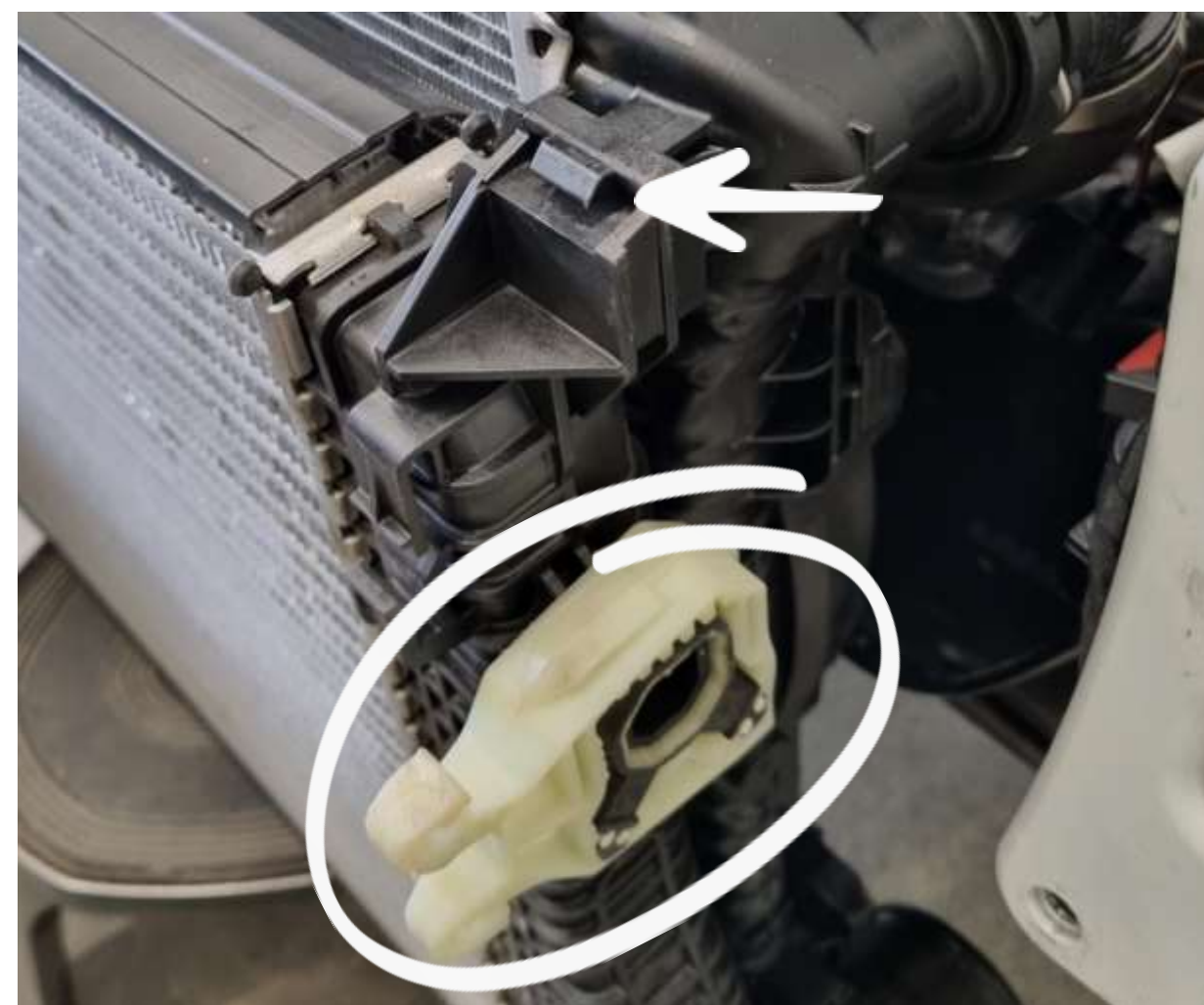
Use a flat head screwdriver and push the plastic tabs down while using a hammer and gently tap the tabs in.  
Do this on both sides of the intercooler.





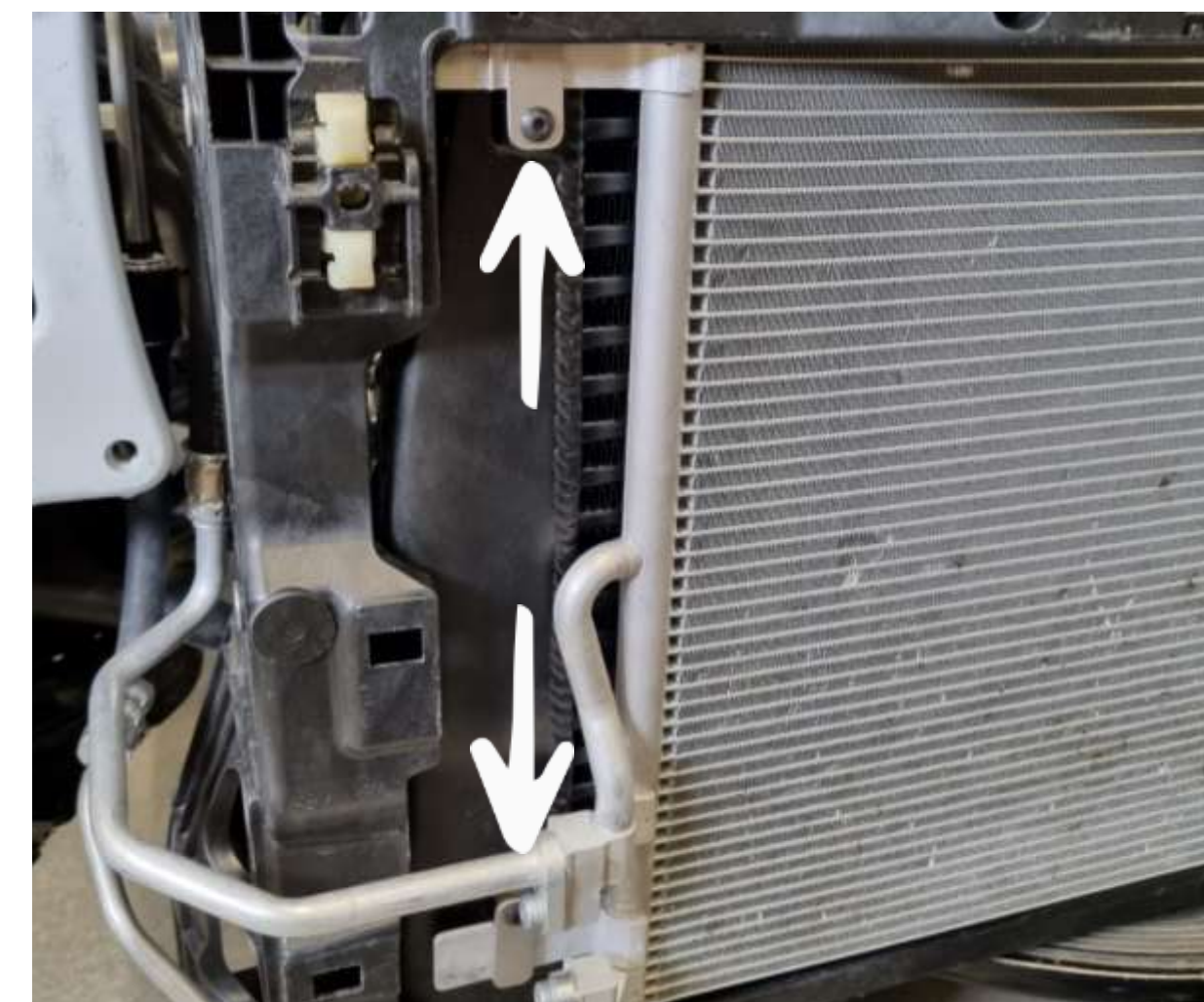
## Step 21

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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