



# Installation Instruction

## Performance Intercooler

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### SAAB NG 9-5 2.0T 2010-2011

This installation instruction is based on an install on a MY2010 SAAB 9-5 2,0T.  
Cars with other engines might differ a bit in some steps.



## 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
- 2pcs aluminum brackets
- 4pcs M6x20mm Hex screws
- 2pcs M5x16mm Torx screws
- 1pc 12 mm silicone cap
- 2pcs Rubber lined P-Clips



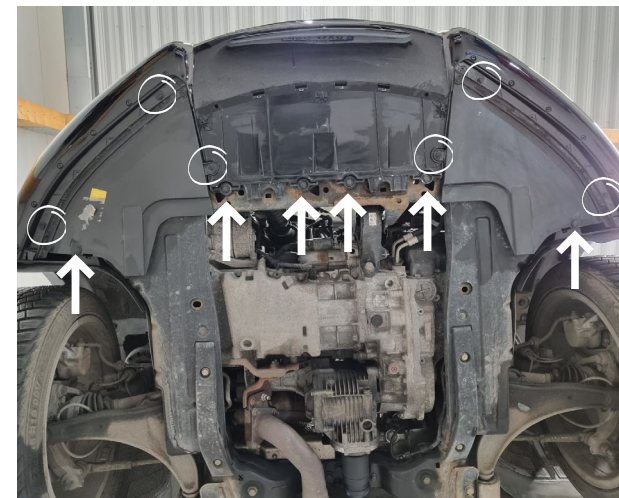
## Step 1

Remove screws x6.



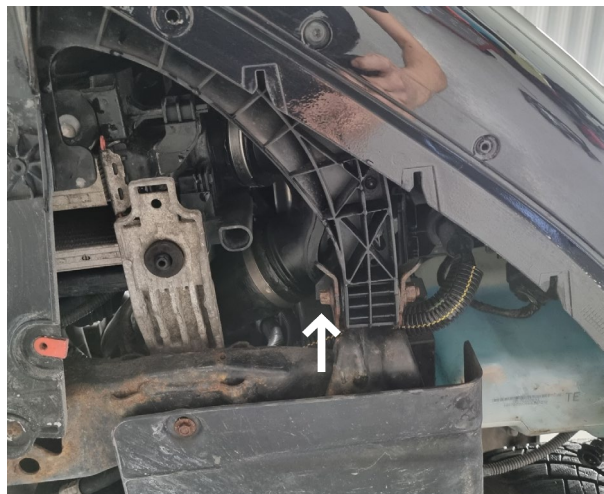
## Step 2

Remove screws x3 inside the wheelhouse.  
Do this on both sides of the car.



## Step 3

Remove screws x6 and use a flathead screwdriver to remove plastic tabs x2.  
Remove plastic cover.  
Use a flathead screwdriver and remove plastic tabs x4.



## Step 4

Remove Torx E12 screws on both sides of the car.(not located on the V6)

Disconnect washer fluid hose and plug the reservoir with the included 12mm silicone cap.

Unplug the cable to fog lights and sensors.

Remove front bumper with the help of an assistant.



## Step 5

Remove screws x6 holding the plastic duct and cover.

Remove the duct by folding it out from underneath the headlights, then remove from the car.

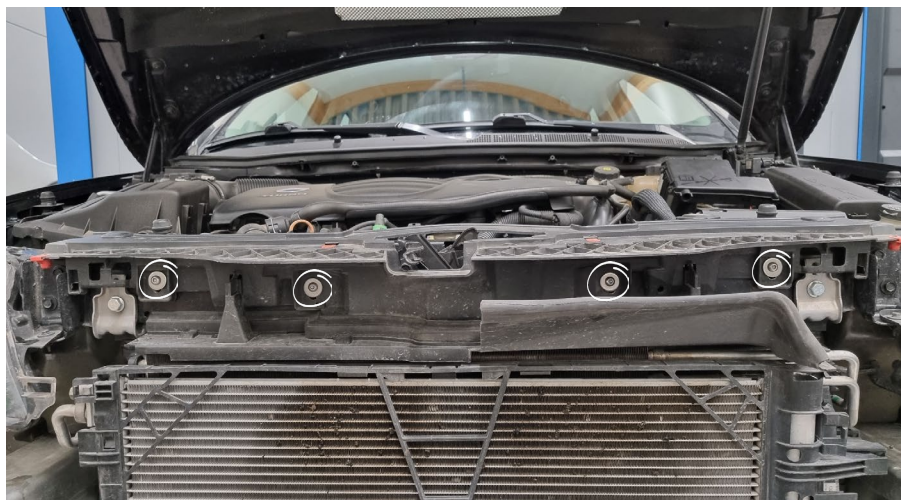


## Step 6

Remove 4x Torx E12 screws and 13mm hex nuts underneath to remove the crash bar.

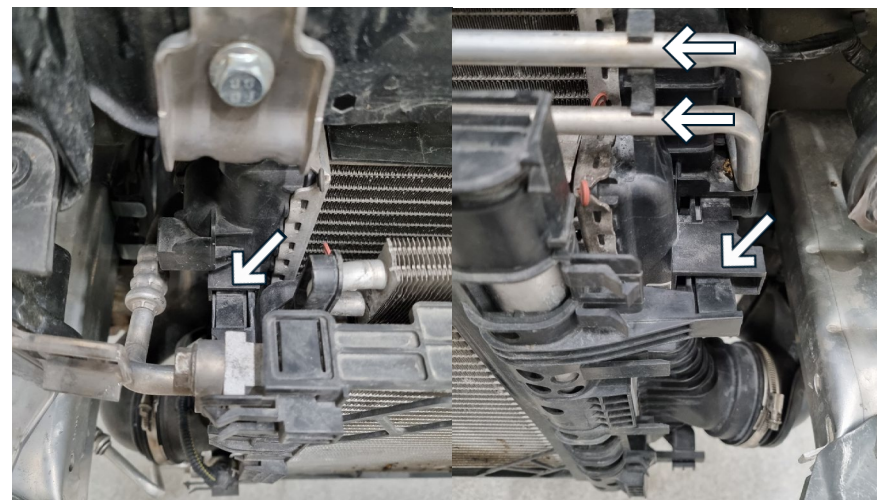
In the top right corner on plastic cover for AC-condenser (seen in direction of car) you'll need to separate the rubber air guide from the plastic.





## Step 7

Remove screws x4 to remove plastic air guide.



## Step 8

Use a flathead screwdriver and gently push the plastic tabs on both sides meanwhile pull AC-condenser towards in forward direction and lift it up.  
Secure the AC condenser so it is not in the way from the intercooler while still mounted to its pipes.  
Separate the power steering cooler from the plastic tabs on the intercooler and push it to the right side and tie it to secure it from falling and damaging the core.



## Step 9

Remove clamps with a 6mm hex screwdriver and disconnect the intercooler pipes on both sides. Use a flathead screwdriver and gently push the plastic tabs to separate the intercooler from the radiator. Lift it out of the car.



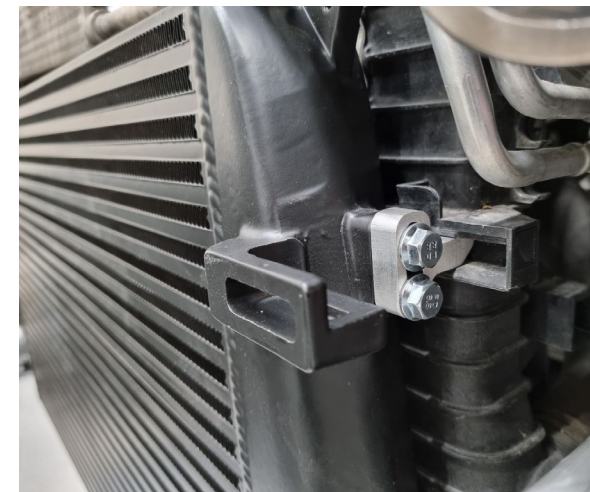
This step is for Saab NG9-5 V6 model.

Remove both steering cooling brackets with 2x 10mm hex screw and cut approximately 6-7mm on both sides as shown on picture and install back in car.



## Step 10

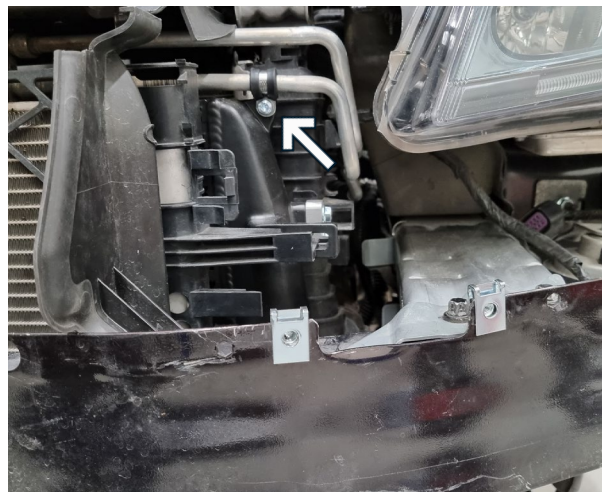
Install the 2 included Aluminum brackets to the radiator as shown on picture, do this on both side of the radiator.



## Step 11

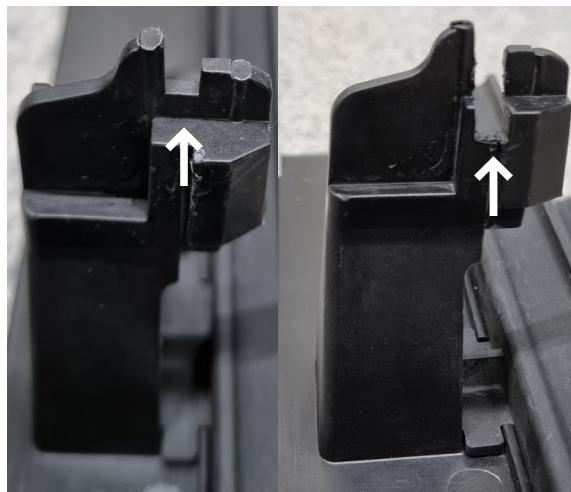
Lower the intercooler into the lower mounts and loosely attach the included M6x20 screws x4 to secure the intercooler to the previously installed aluminum brackets.

Align the intercooler in good position and make sure both upper and lower fasteners of the intercooler supports it weight then tighten the screws.



## Step 12

Install the power steering cooler and secure it with the 2pcs included rubber lined P-Clips and 2pcs M5x16mm screws, on top of intercooler.



## Step 13

THIS STEP IS ONLY NECCESARY ON 2.0T, NOT ON V6.

Separate the two plastic air guides located on the radiator beam.

Grind down the slot to a depth of approximately 10-12mm to create space between plastic and power steering cooler.

Put them back together and install back in car.



## Step 14

Re-install all other parts in reverse order.





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# Installation Instruction

## Performance Intercooler pipes

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### SAAB NG 9-5 2.0T 2010-2011

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Cars with other engines might differ a bit in some steps.



## Description

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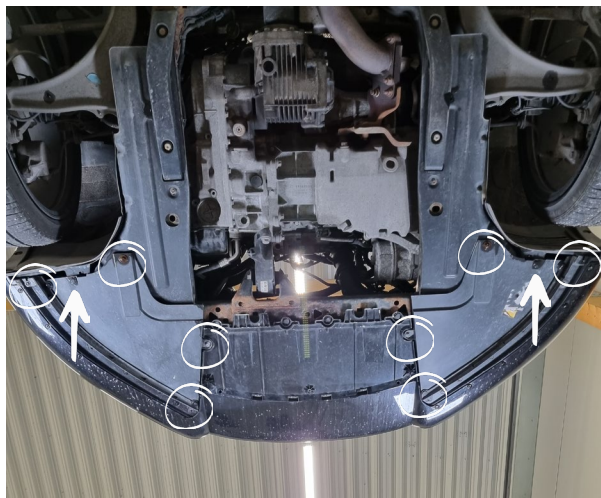
This instruction shows how to replace the OEM intercooler with do88 performance intercooler.

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

## Parts List

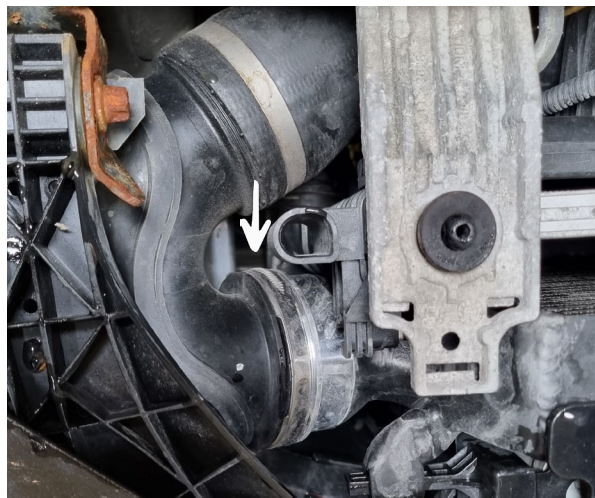
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- 2pcs do88 Intercooler pipes
- 4pcs do88 Performance Intercooler hoses
- 1pc 50-70mm hose clamp
- 7pcs 60-80mm hose clamps
- 2pcs aluminum intercooler joiner
- 1pc aluminum turbo adapter joiner
- 1pc 8,0x3,0mm O-ring
- 2pcs M5x16 torx screw



### Step 1

Remove screws x6 and use a flathead screwdriver to remove plastic tabs x2. Remove plastic cover.



### Step 2

Remove 1x 7mm hose clamp from the intercooler pipe. Do this on both sides of the car.



### Step 3

Remove the locking clip and separate the pipe and hose.  
Remove the hose from the car.  
Remove 1x 10mm hex screw.





## Step 4

Remove 2x E12 Torx.



## Step 5

Remove the coolant hose and vacuum hose from the plastic clips and remove the pressure pipe from the car.





## Step 6

Use the OEM O-ring and install it on the included aluminum joiner.



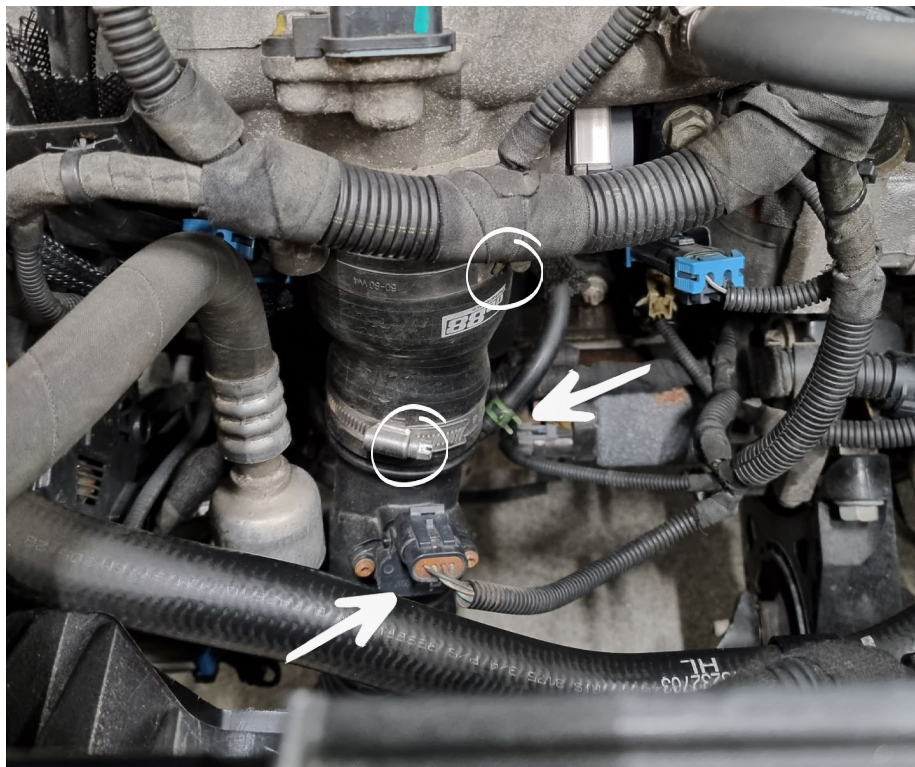
## Step 7

Install the aluminum joiner on the turbo outlet with the OEM screws. Install the do88 pipe and use the OEM 10mm hex screw for the bracket.



## Step 8

Install the included joiner on the hose and re-use the OEM O-ring from the intercooler pipe and install the do88 hose in the car. Re-use the OEM hose clamp and tighten the joiner with the intercooler.



## Step 9

Remove 2x 7mm hose clamps and slide the hose out from the car.  
remove 1x vacuum line.  
Disconnect 1x cable connector and remove the pipe from the car.



## Step 10

Remove 2x T20 screws to remove the sensor.



## Step 11

Install the included 8,0x3,0mm O-ring and install the sensor on do88 pipe with included M5x16mm screws.

Re-install all other parts in reverse order.



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