

# Installation instruction do88 engine oil cooler kit SAAB 900 Turbo 1984-1993

Part number: OC-160

This instruction shows how to replace the OEM engine oil cooler and hoses with the do88 oil cooler kit.

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



#### Parts included:

1. 1pc Engine oil cooler
2. 2pcs Oil hose
3. 2pcs O-ring for oil hose connections
4. 29cm Self-adhesive Sealing strip 5x10mm
5. 2pcs Silicone cap 6mm
6. 1pc M10x25 screw
7. 1pc M10 nut
8. 4pcs M6x20 screw
9. 4pcs M6 nut

This installation instruction are based on our installation performed on a SAAB 900 Aero 1991.  
On model years 1984-1986 with flat front it might be some differences in the installation procedure.



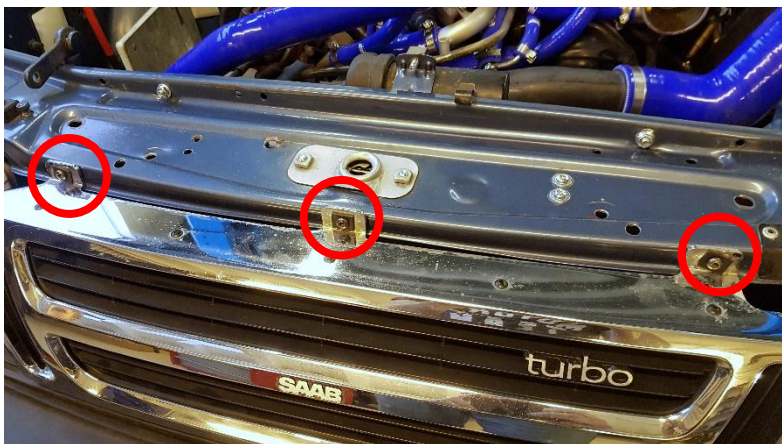
1. Remove the hood (it will make work much easier). 2x Hex 12mm and the hose to the wind shield washers then pull hood forward to remove from car (make sure to be 2 persons).



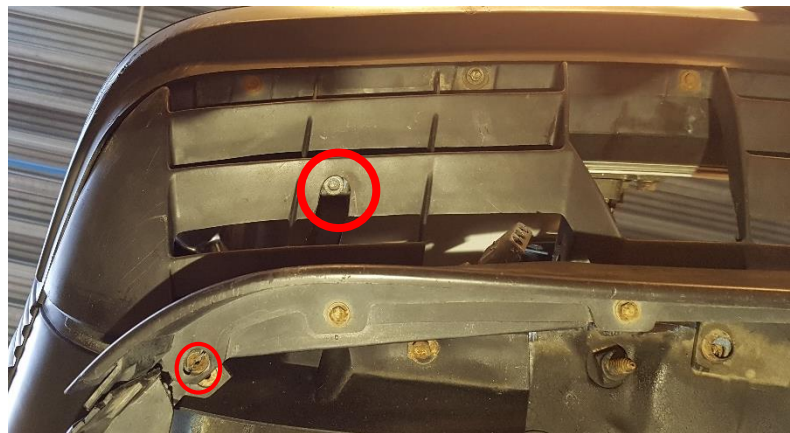
2. Disconnect the battery.



3. Remove the grille, 3pcs Torx T25. Gently pull the grille straight up.



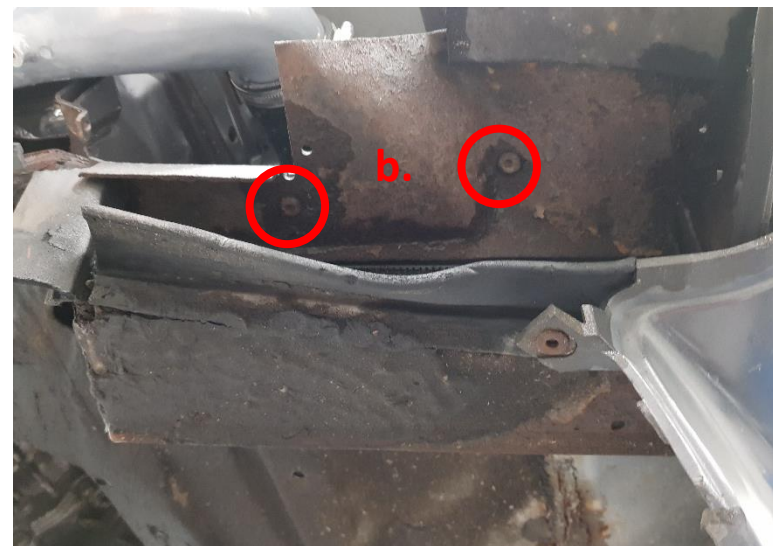
4. Remove the bumper. 2pcs 8mm Allen key and 2pcs Hex 8mm. Gently pull the bumper straight forward.



5.

Loosen the oil cooler bracket/air guide.

- a. 1x Hex 14mm screw / Hex 17mm nut
- b. 4x Torx T30 / Hex 10mm Nuts
- c. 2x Torx T25 screws



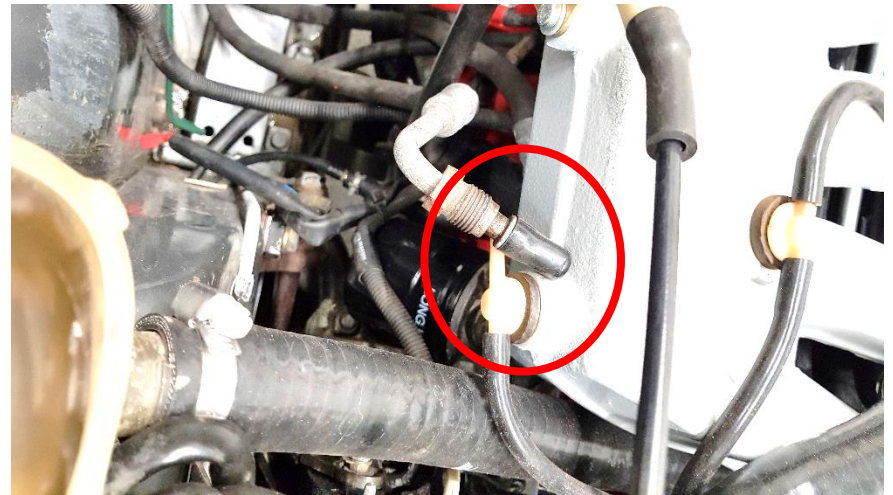
6. Remove the air filter housing and intercooler. After this lift out the oil hoses from the bracket marked on the photo below.



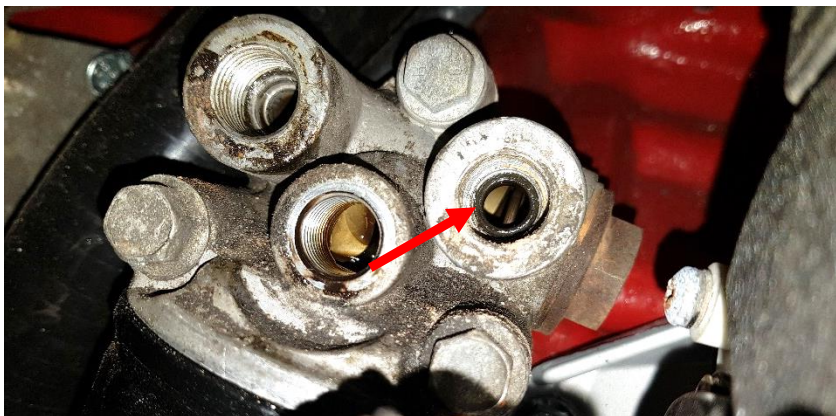
7. Gently pull the oil cooler downwards while feeding the oil hoses through the holes in the chassis.



8. Disconnect the oil hoses at the oil filter housing 2x Hex 16mm nuts. To make the oil hose connections more accessible it helps to disconnect the cables marked on the photo below. When the oil lines are disconnected seal them with the included caps to help prevent oil spill. Now remove the oil cooler together with the hoses from the car.



9. Check if the oil connection O-rings has stuck in the oil filter housing, if so gently peel them away. Also check that the threads are clean.



10. Tape the included self-adhesive sealing strip in the center of the do88 oil cooler as on the photo below.



11. Connect the do88 oil hoses to the do88 oil cooler. Important! Check the photo below to see which side the hoses should be connected to. Lightly lubricate the connections on the oil cooler with some engine oil. Tighten the connections to about 21Nm (17mm wrench). While tightening the hose connections support the connection on the oil cooler with a 24mm wrench.



12.

Re-install all other parts in reverse order. But with these exceptions:

1. Fasten the oil cooler with the five sets of included screws and nuts (Reuse the 2x OEM Torx T25 screws).
2. Remember to install the included O-rings on the oil hose connections.
3. When installation is finished run the engine warm until you can feel that the oil cooler gets warm, then inspect all connections for any leakage.
4. Check engine oil level and fill if necessary.

