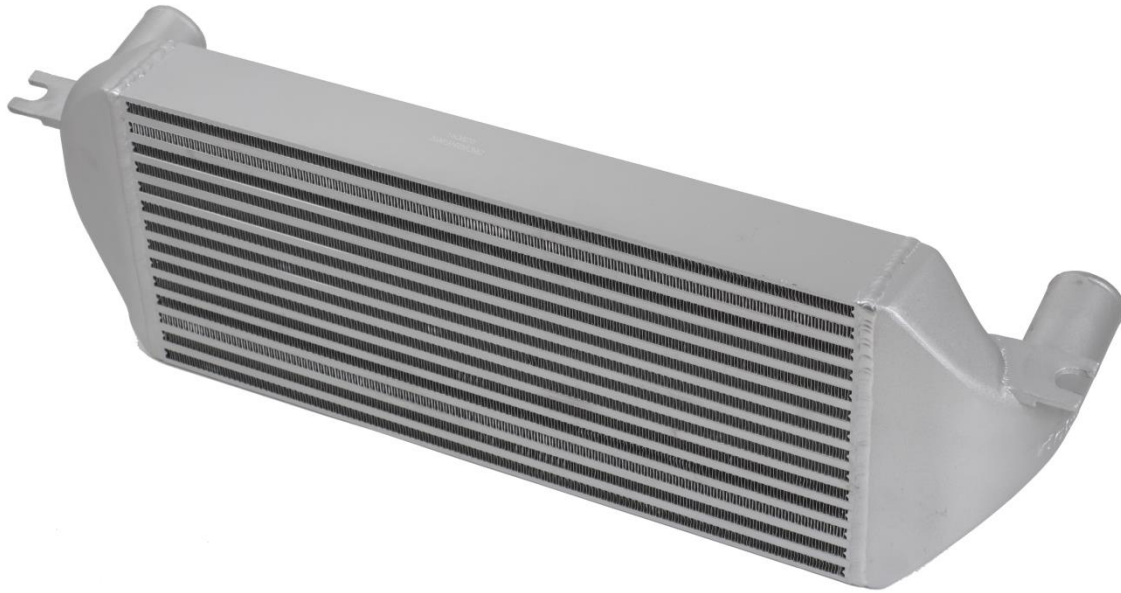


# Installation instruction do88 performance Intercooler for SAAB ng900/og9-3



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

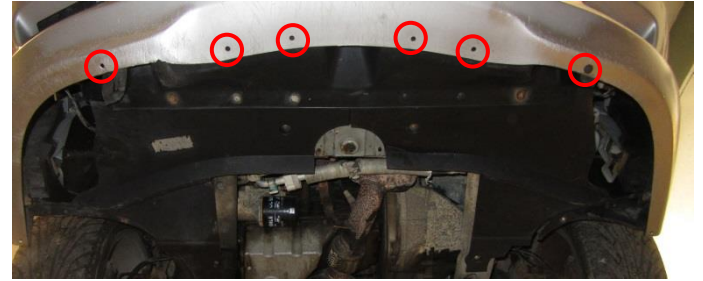
At this type of installation we always recommend that you have mechanical experience and knowledge about safety during work on vehicles.

Parts included:

1. do88 Performance Intercooler

Part number: ICM-100

1. Remove the 6pcs plastic rivets that attaches the bottom plastic radiator protection to the bumper cover by unscrewing the middle part of them and then pull them out in the collar.



2. Remove the 1pcs screw on each side of vehicle that holds the bumper to the inner fender.



3. Remove the 1pc screw on each side that attaches the plastic radiator protection to the inner fenders.  
Remove the 1pc screw on each side that attaches the bottom of the bumper cover to the inner fender.



4. Disconnect the fog light electrical connectors from underneath by prying out the retainer clip and pulling it downwards from the lamp connector.

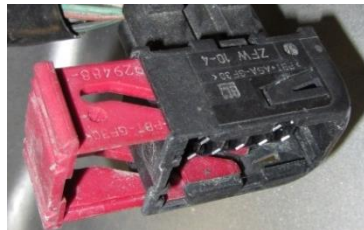


5. Remove front indicator lights by removing the 1 screw that attaches it to the headlight from the top. Then pull the indicator light forwards and remove the electrical connection.

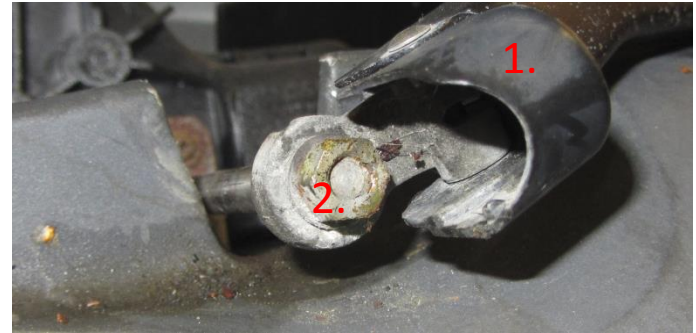


6. Remove the front grille by pressing the metal clips (1.) and then lift grille upwards. Remove headlights by disconnecting the electrical connector (info below), removing the 3 screws (2.) that attaches them. Lift free from tab in rear area and pull forwards out of the car.

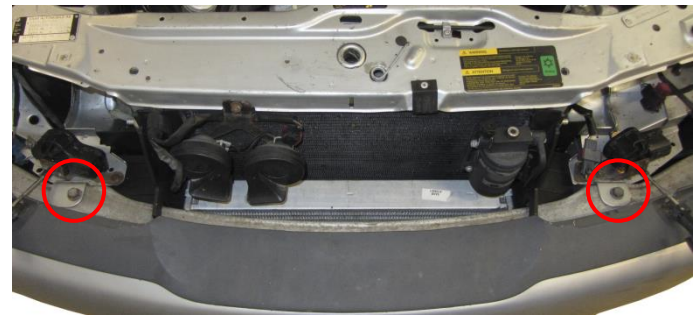
Info  
This type of electrical connector are disconnected by pulling the red part out from it at the same time as the male and female connectors are pulled apart.



7. If vehicle are equipped with headlight vipers, first remove the washer hose from the viper blade arm and then remove them by folding up the plastic cover (1.), removing the 8mm hex nut (2.) located underneath and then wiggle it a bit at the same time as you pull it of the axle.

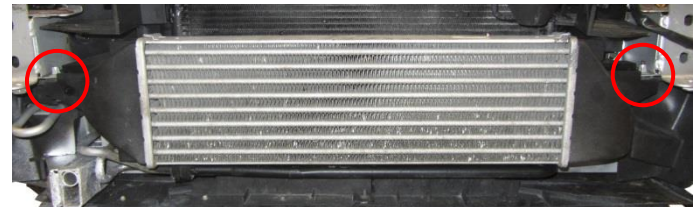


8. Remove the bumper from car by removing the 2pcs 16mm hex screws then hold out the rear part of bumper so it comes loose from the inner fenders and then move the bumper forward until it's a few centimeters ahead of car and in this position remove the ambient temperature sensor from the lower grille in the bumper cover.



9. Remove the intercooler hoses by removing the hose clamps with 7mm hex wrench or hose clamp driver. Then pull the hoses off the connection.

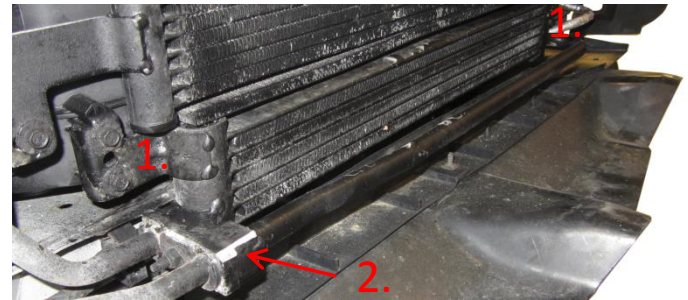
10. Remove the intercooler by removing 1psc 10mm hex screws on each side of intercooler then remove from vehicle by pulling it forward.



- 11.** Remove the two rubber bushings from the OEM intercooler and install them on the do88 performance intercooler according to picture.



- 12.** Hold the intercooler in place so the bushings align with the screw holes for the intercooler without installing the screws. In this position check if the intercooler interfere with the engine oil cooler. If the intercooler do that it might be necessary to bend the engine oil cooler brackets so the engine oil cooler are positioned a bit lower/more rearwards and/or grind a bit on the corner of the pipe bracket to make some clearance to the intercooler core.



- 13.** Install the intercooler with the 2pcs 10mm hex screws. Install all other parts in reverse order.

