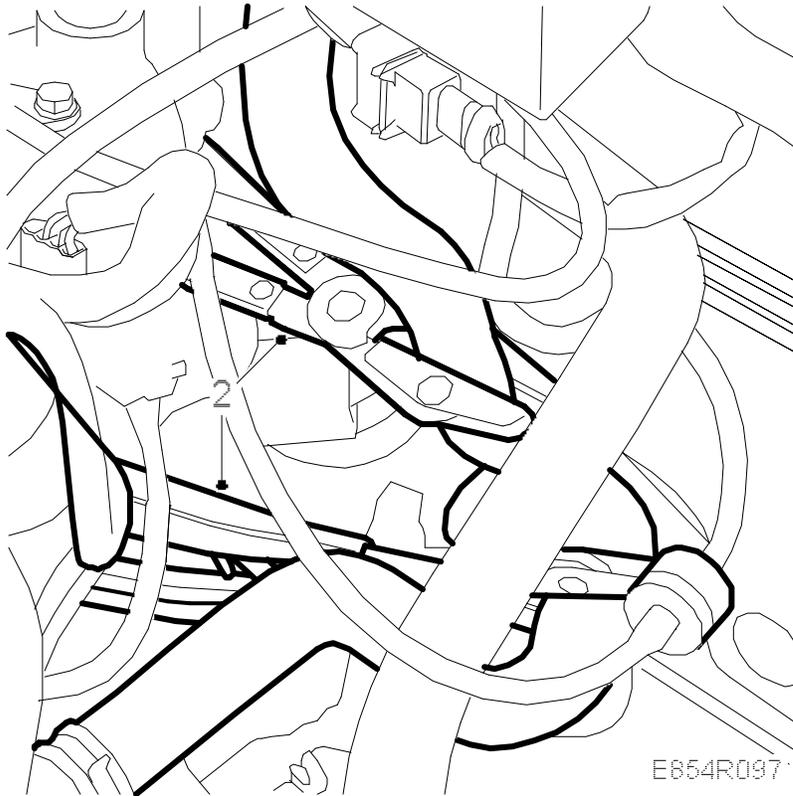


## Replacement of O-rings, heat exchanger

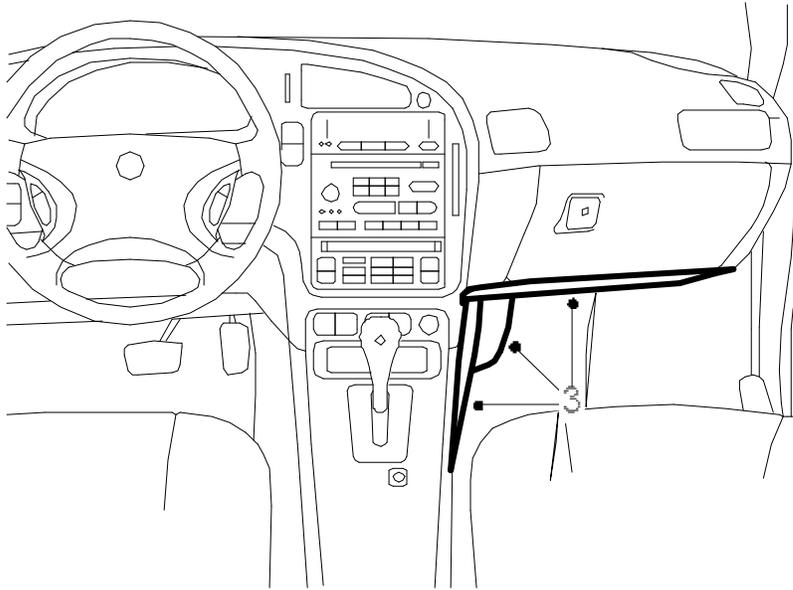
### To remove

1. Undo the expansion tank filler cap and release the pressure.



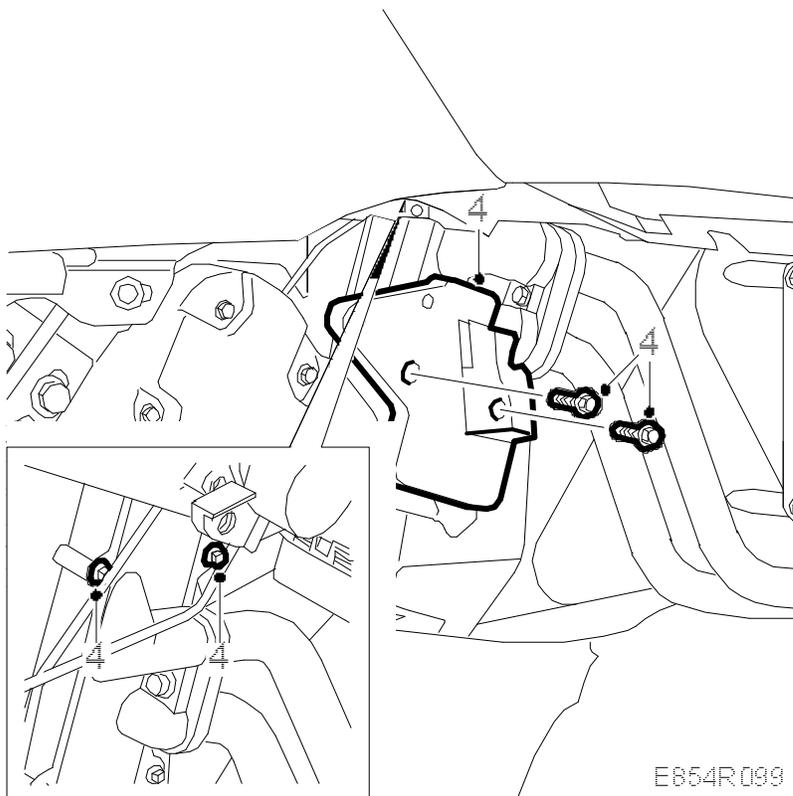
2. Place two pairs of pinch-off pliers [30 07 739 Hose pinch-off pliers](#) on the inlet and outlet hoses to the heat exchanger.
- 3.

Remove the cover, lower dashboard section, and detach the side trim. Remove the insulation under the heat exchanger



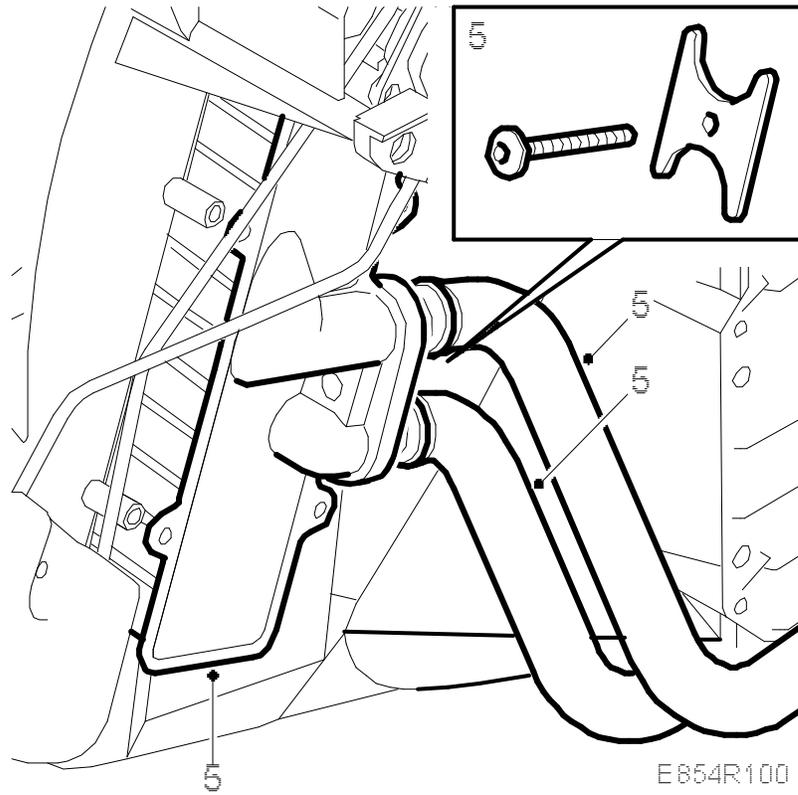
E854R098

4. Remove the screws securing the heat exchanger, the two lower ones together with the plastic cover.

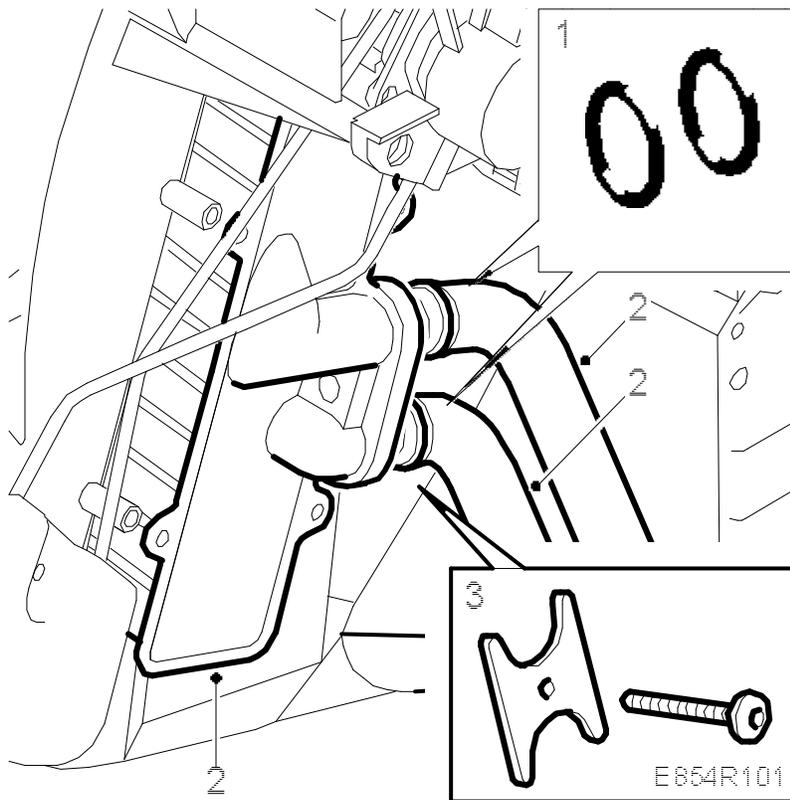


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5. Pull the heat exchanger out slightly and remove the PAD connection. Detach the pipes from the heat exchanger and remove the O-rings.



**To fit**



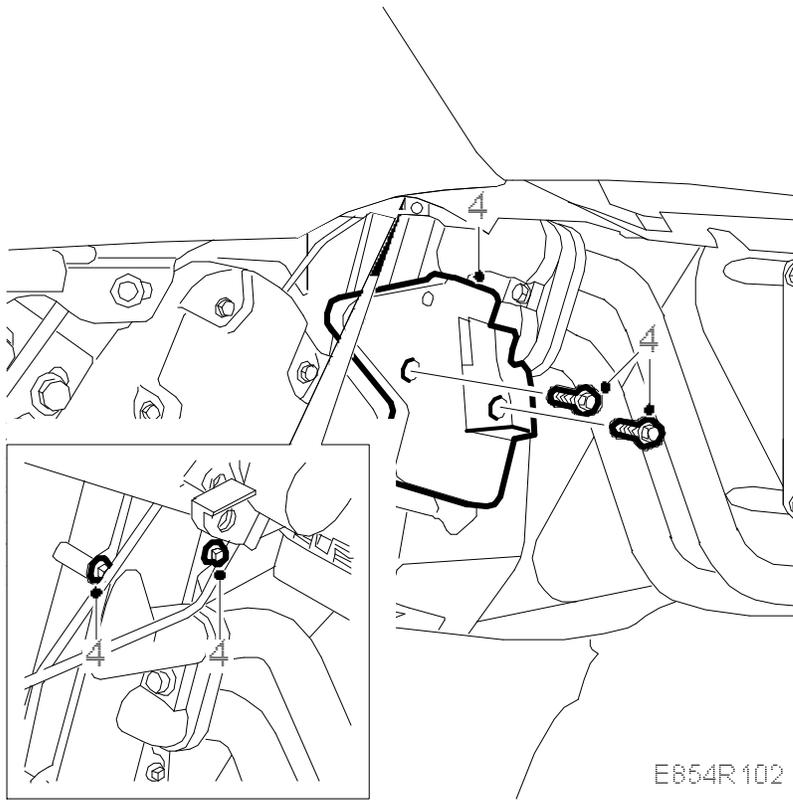
Use O-rings having part No. 50 45 885.

1. Lubricate the O-rings with synthetic vaseline. Fit the O-rings on the pipes.
2. Fit the pipes in the heat exchanger and slide the heat exchanger into the heating and ventilation unit.
3. Fit the PAD connection.

**Tightening torque: 3-4 Nm (2-3 lbf ft)**

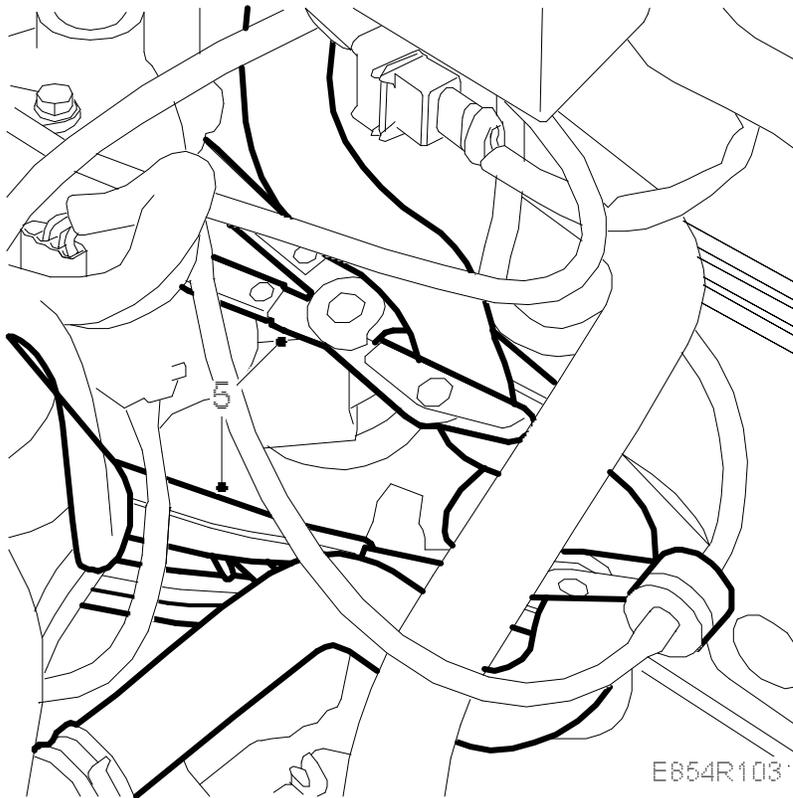
- 4.

Screw the heat exchanger in place.



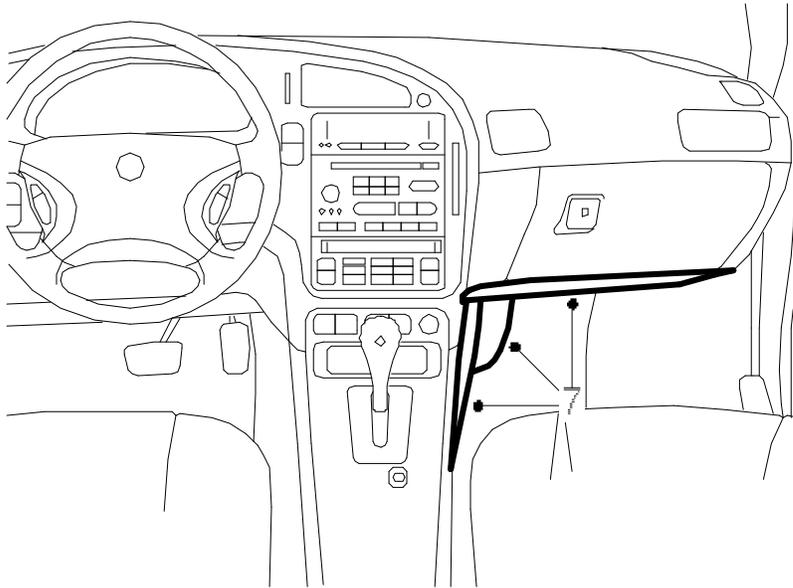
E854R102

5. Remove the pinch-off pliers.



E854R103

6. Pressurize the cooling system and check the pipe connection for leakage.
7. Fit the insulation, side trim, lower dashboard section and the cover.



E854R104

8. Check the coolant level and top up as necessary.