



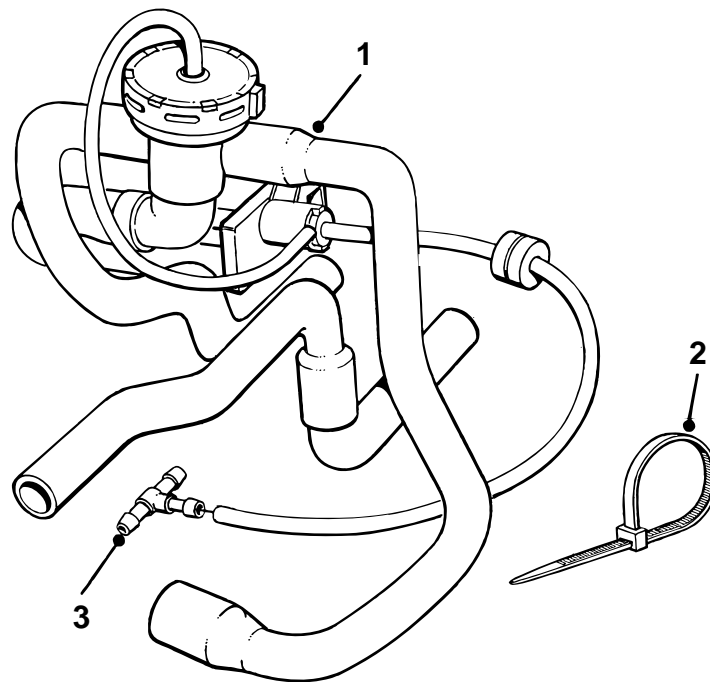
SAAB

**MONTERINGSANVISNING · INSTALLATION INSTRUCTIONS
MONTAGEANLEITUNG · INSTALLATIONS DE MONTAGE**

Saab 9-5

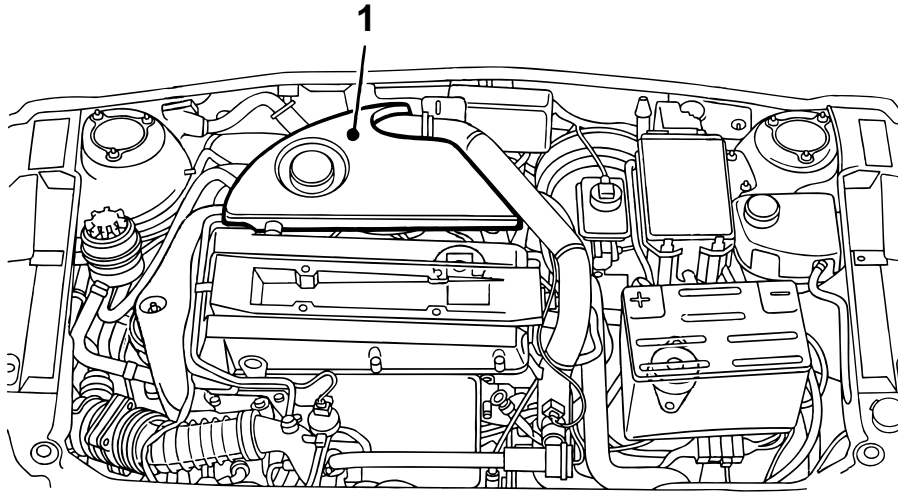
Water valve

Accessories Part No.	Group	Date	Instruction Part No.	Replaces
400 111 746	9:87-14	Aug 98	48 69 509	



E980A621

- 1 Water valve, complete
- 2 Cable tie (2)
- 3 T piece



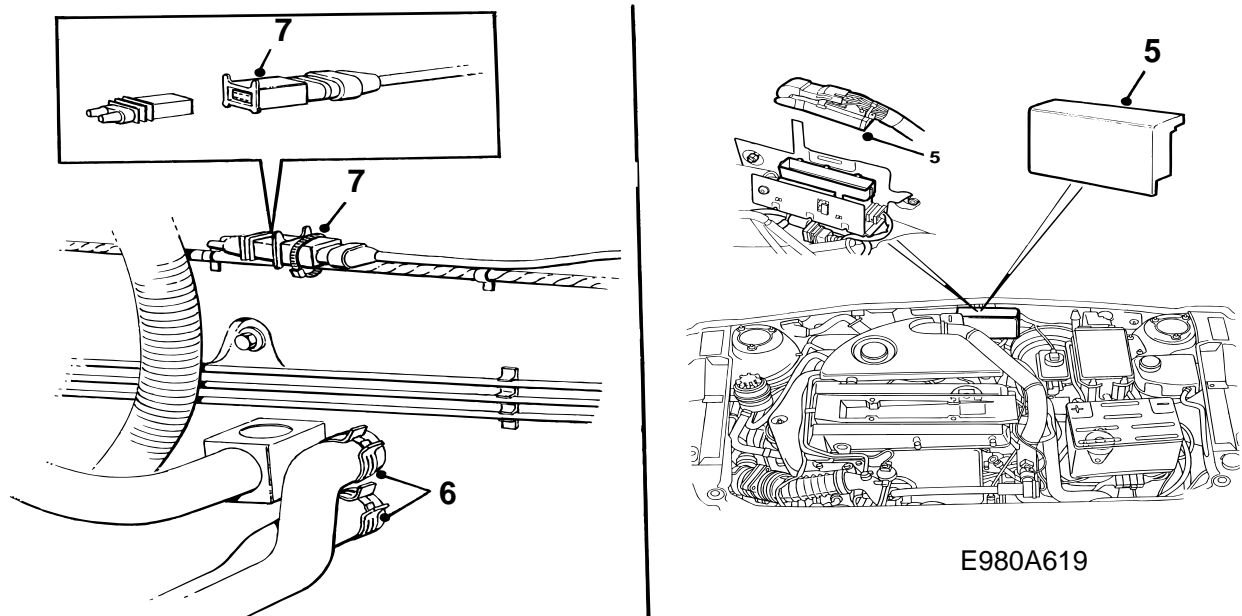
E980A618

- 1 Remove the engine cover.
- 2 Drape protective covers over the wings and remove the expansion tank filler cap.

 **WARNING**

Take care if the engine is hot. The coolant will also be hot. You could get burnt if you brush against the exhaust manifold.

- 3 Raise the car. Obtain a receptacle for the coolant. Open the drain plug, connect a hose and drain off the coolant.
- 4 Refit the drain plug and lower the car to the floor.

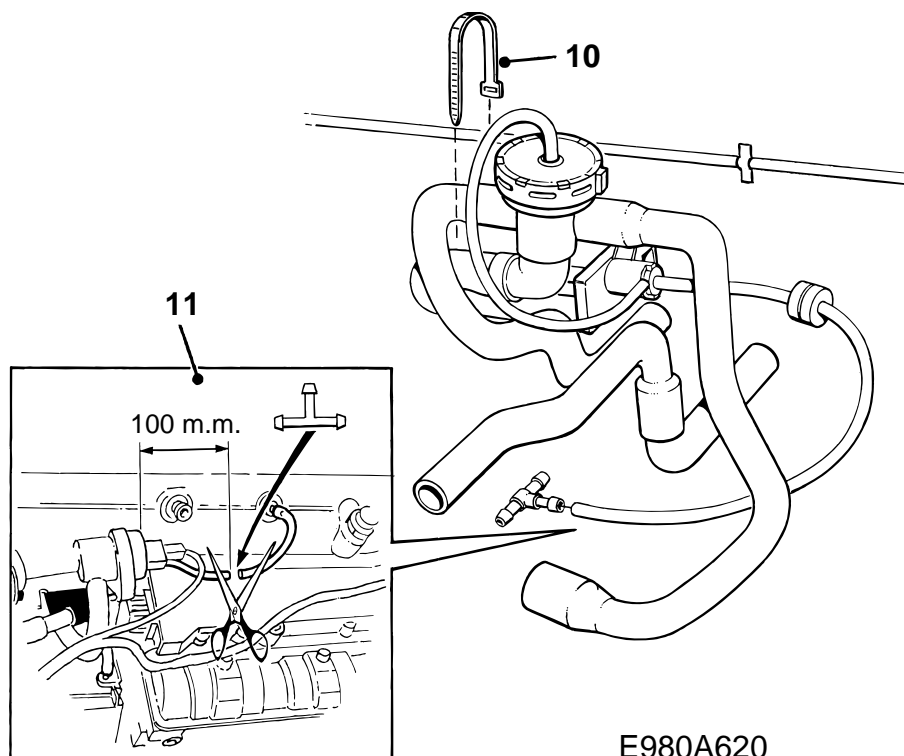


E980A619

- 5 Remove the cover and separate the engine wiring harness connector. Loosen the bracket holding the connector and bend it aside.
- 6 Snip the cable tie and remove the coolant hoses between the heat exchanger and engine. Transfer the hose clips to the new hoses on the water valve.
- 7 Snip the cable tie securing the water valve's 2-pin connector to the bulkhead wall. Remove the protective cover from the connector.
- 8 Plug in the water valve's connector.
- 9 Position the water valve and connect it to the heat exchanger pipes and the engine.

Note

A little soap solution will make it easier to fit the hoses.



- 10 Fasten a cable tie round the hoses and wiring harness on the bulkhead wall to secure the water valve.
- 11 Sever the vacuum hose about 100 mm from the vacuum intake on the intake manifold and fit both ends of the hose to the T piece. Connect the vacuum hose from the water valve to the T piece.

Important

Make sure that no hoses rest against any moving parts.

- 12 Fix the water valve hose to the radiator hose with a cable tie.
- 13 Refit the bracket and plug in the connector halves. Refit the cover.

E980A620

- 14 Fill up with coolant and check the system for leaks.
- 15 Bleed the system as follows:

Note

The A/C should be OFF.

Fill the system up to the MAX level, close the expansion tank cap. Run the engine at varying throttle openings until the radiator fan has started three times. Stop the engine and top up as necessary to the MAX level.

- 16 Refit the engine cover.