

- Fit the expansion bottle cap to the adapter (Ms. 554-06).



Note:

The pressure should not drop; if it does, look for the leak.

- Pump with theInstrument for testing the cooling circuit and the expansion bottle valve. Contains caps 554-01, 554-04, 554-06(Ms. 554-07) , the pressure should stabilise at the expansion bottle cap valve rating with a test tolerance of ± 0.1 bar.

2- CHECKING THE SEALING OF THE COOLING CIRCUIT

- Replace the expansion bottle cap with the adapter (Ms. 554-01).
- Connect on the adapter (Ms. 554-01)the toolInstrument for testing the cooling circuit and the expansion bottle valve. Contains caps 554-01, 554-04, 554-06(Ms. 554-07) .
- Pump with theInstrument for testing the cooling circuit and the expansion bottle valve. Contains caps 554-01, 554-04, 554-06(Ms. 554-07) to put the cooling circuit under pressure.
- Stop pumping at 0.1 barbelow the valve rating for the expansion bottle cap valve.



Note:

The pressure should not drop; if it does, look for the leak.

- Gradually unscrew the union of theInstrument for testing the cooling circuit and the expansion bottle valve. Contains caps 554-01, 554-04, 554-06(Ms. 554-07) to decompress the cooling system then remove the adapter (Ms. 554-01)and refit the expansion bottle cap.



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ENGINE COOLING SYSTEM: SPECIFICATIONS

- Vehicles in the current range have cooling systems with the following basic specifications:
- hermetically-sealed pressurised circuit (expansion chamber valve),
 - circuit using a COOLANT (type D) [Vehicle: Parts and consumables for the repair](#),
 - passenger compartment heating systems equipped with a "heater matrix" type radiator located under the dashboard which helps to cool the engine.
- Special notes:
- protection down to $-25^{\circ}\text{C} \pm 2$ for cold and temperate countries,
 - protection down to $-37^{\circ}\text{C} \pm 2$ for very cold countries.

VOLUME OF COOLANT

Engine	Quantity (litres)	Grade
D4F	5	COOLANT (type D)
K9K		
H4B		
M5M	8	

THERMOSTAT