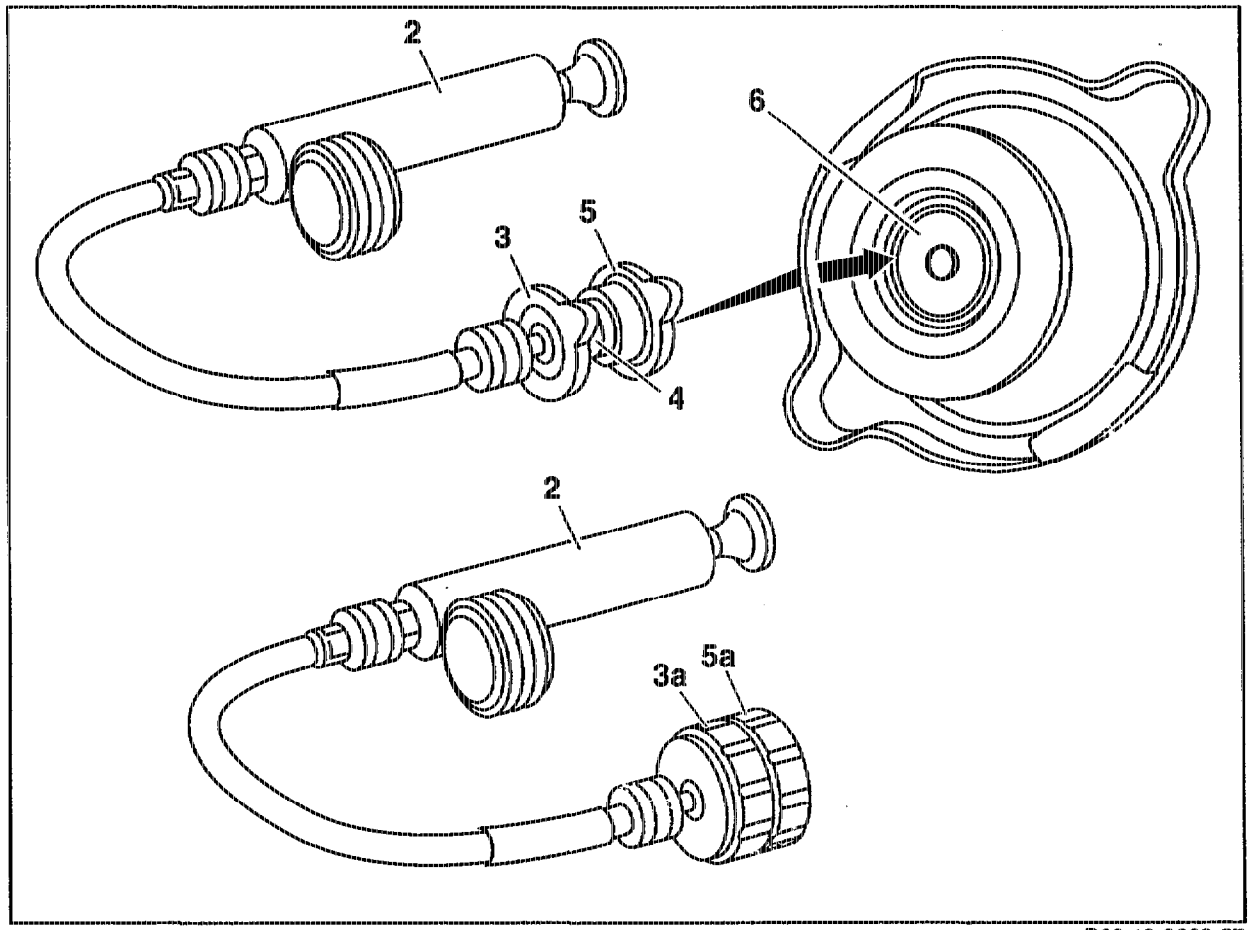
Operation no. of operation texts and work units or standard texts and flat rates:



P20.40-0220-57

Pressure cap with detent

Cap (5)	turn anti-clockwise as far as detent 1 to release pressure.
	⚠ Do not open cap (5) unless coolant temperature is below 90 °C. Risk of scalding!
Test cap (3) 124 589 00 91 00	attach to tester (2) 124 589 24 21 00, take off.
Double connection (4) 124 589 53 63 00	attach to tester (2) 124 589 24 21 00, take off.
Cap (5)	attach to double connection (4), take off.

Opening pressure of pressure relief valve	test. See table for opening pressure.
Vacuum valve	test. Raise vacuum valve (6) for this step.

Note
The vacuum valve (4) must be resting against the rubber seal (5) of the sealing plate, it must be possible to raise it easily and it must spring back when released.
The base for the sealing plate on the expansion tank must be flat.
Replace pressure cap if corroded. The part no. and the pressure cap code number are stamped in the cap.

2-stage pressure cap in model 210

Cap (5a)	turn half a revolution anti-clockwise to release pressure.

⚠
Do not open cap (5a) unless coolant temperature is below 90 °C.
Risk of scalding!

Adapter (3a) 210 589 03 63 00	attach to tester (2) 124 589 24 21 00, take off.
2-stage cap (5a)	screw onto adapter (3a), unscrew; pay attention to note.
Opening pressure of pressure relief valve	test; see table for opening pressure.

Note
The cap code numbers are stamped in the cap.
See note for design of 2-stage cap.

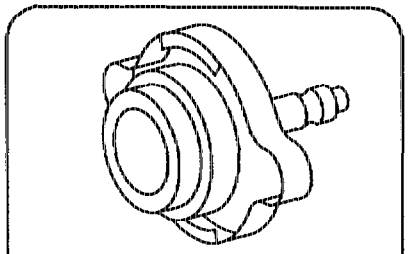
Test data of cap with detent

Cap code number	Pressure relief valve opens at bar gauge when new	 used	Vacuum valve opens at bar vacuum
140	1.4 ± 0.1	1.4 – 0.1	0.1

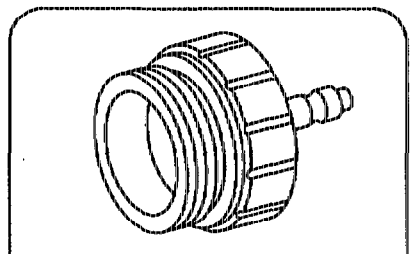
Test data of 2-stage cap

Cap code number	Pressure relief valve opens at bar gauge 1st stage	 2nd stage	Vacuum valve opens at bar vacuum
140/200	1.4 ± 0.1	2.0 ± 0.1	0.1

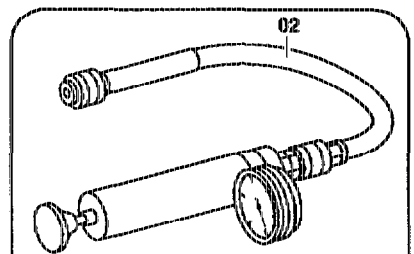
Special tools



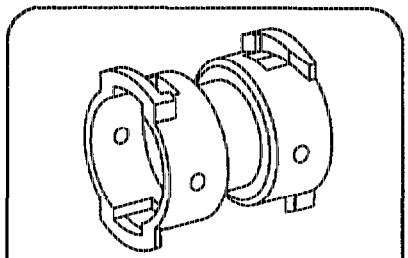
124 589 00 91 00



210 589 03 63 00



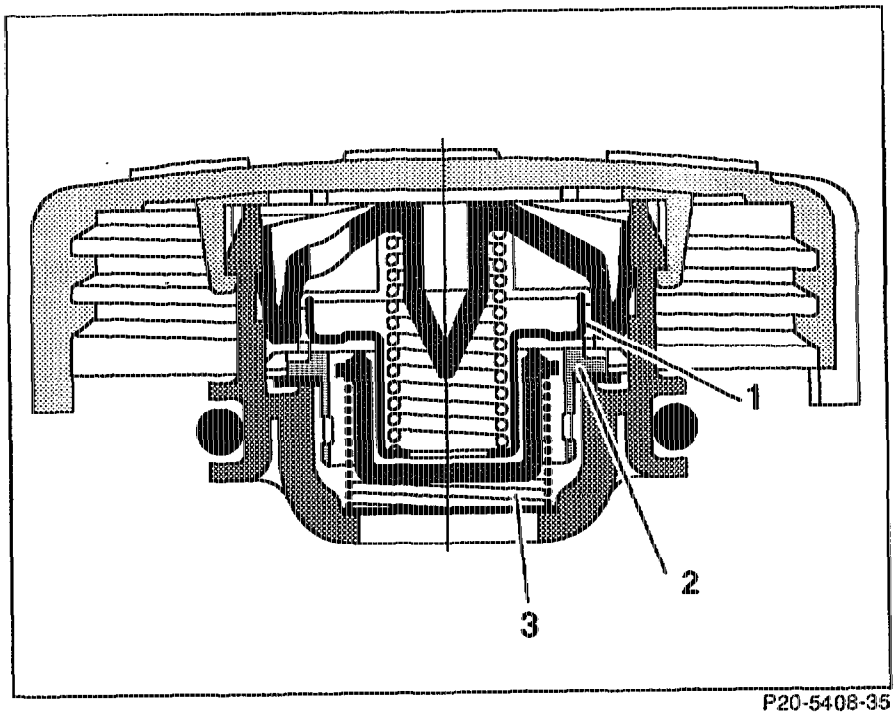
124 589 24 21 00



124 589 53 63 00

Note
A 2-stage cap is installed in model 210.

⚠
The 2-stage cap must be screwed in far enough until the lug engages in the notch on the coolant expansion reservoir.
The cap has an additional pressure stage so that the system pressure is able to rise by up to 2 bar in the engine off heating phase without the coolant flowing out.



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