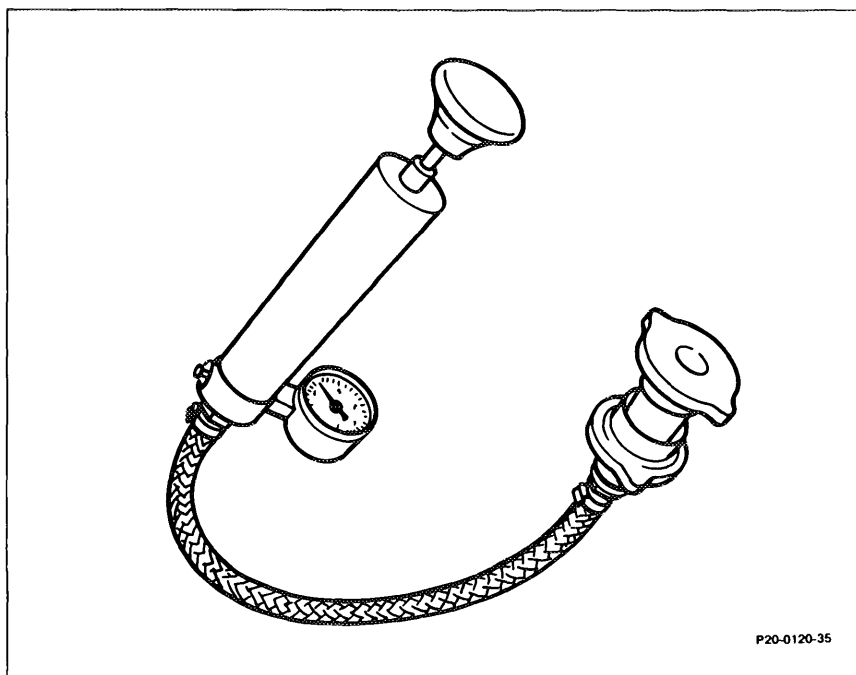


20-430 Testing radiator or expansion tank cap



Double connection 000 589 77 63 00 connect to leak tester 124 589 15 21 00.
 Cooling system pressure cap screw onto double connection 000 589 73 63 00.
 Opening pressure test.

Pressure cap

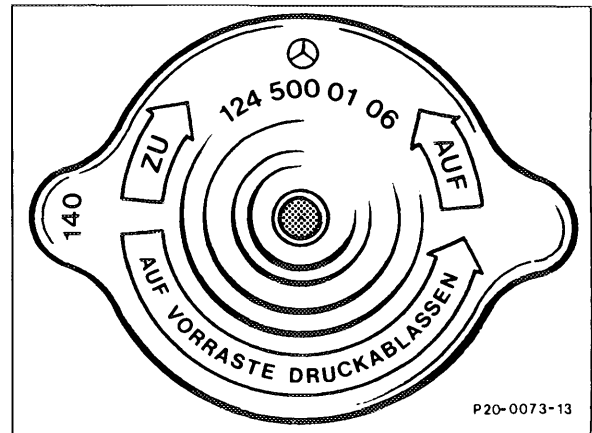
Pressure cap code number		120	140
Pressure relief valve opens at bar gauge pressure	new	1.2 ± 0.1	1.4 ± 0.1
	used	1.2 - 0.1	1.4 - 0.1
Vacuum valve opens at bar vacuum		0.1	

Note

If corrosion is present on the expansion tank cap, it must be replaced.

Engines 602.961, 603.960, 603.961

The opening pressure of the cap has been increased from the previous 1.2 bar to 1.4 bar; with standard antifreeze protection down to -30 °C, the permissible coolant temperature is increased as a result from 125 to 129 °C.

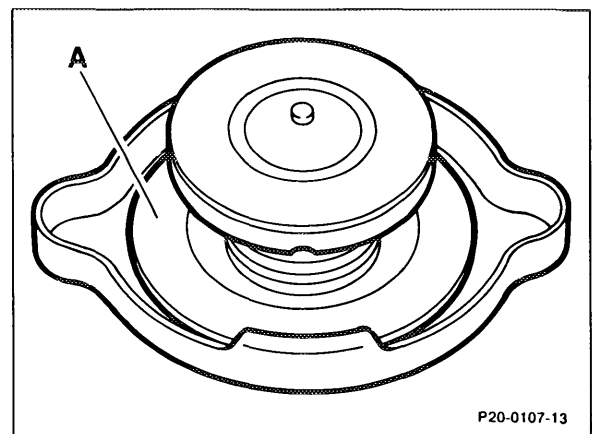


Production breakpoint: 02 - 09/86

Model	Engine	Engine End No.		Vehicle End No.	
		manual transmission	automatic transmission	A	F
124.133	603.960	*	*	*	*
124.193	603.960	*	*	*	017987
126.125	603.961	*	*	*	*
201.128	602.961	*	*	*	271512

* not registered

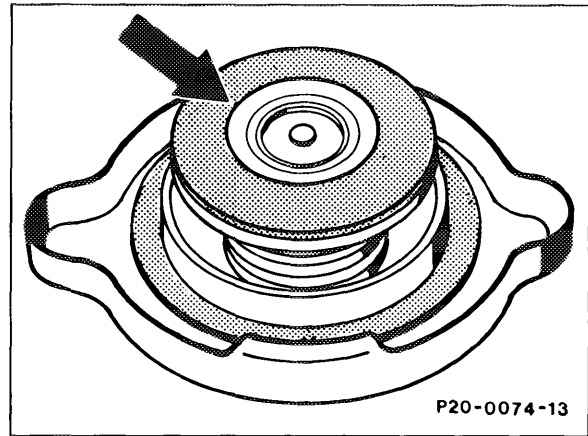
This cap is provided with a rubber seal (A) to prevent any outside air from being drawn in (when vacuum exists in cooling system).



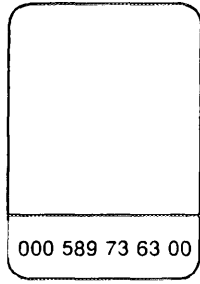
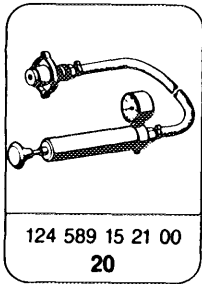
Effective 10/87 and 12/87, respectively, pressure caps with and without guide ring (B) have been fitted to engines 602, 603. Only the pressure cap with guide ring is supplied as a replacement part, however.

The modified pressure cap can also be fitted to vehicles manufactured previous to production dates with coolant expansion tank.

- A Seal
- B Guide ring

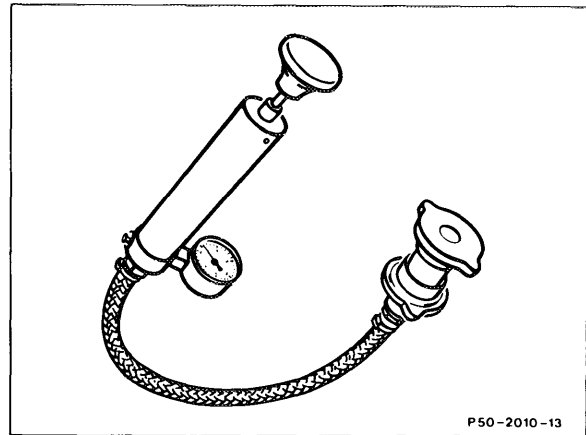


Special tools



Testing pressure relieve valve

- 1 Attach double connection 000 589 73 63 00 to the leak tester 124 589 15 21 00.
- 2 Fit cooling system pressure cap onto the double connection 000 589 73 63 00.
- 3 Test the opening pressure by pumping.



Testing vacuum valve

The vacuum valve (arrow) must be contacting the rubber seal. It must be easily raised and must spring back when released.

Note

Always replace expansion tank caps which are corroded (surface rust).

