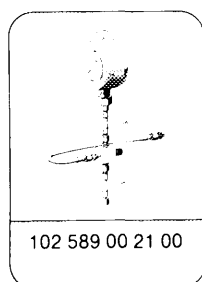


07.3–127 Performing cold start

Job. No. of flat rates or standard texts and flat rate data 07–2320.

Special tool



Test values in bar gauge pressure

Engine		116.960/961 117.960/961	116.962/963 116.963 NV KAT (closed-loop) 117.962/963
System pressure in idle with engine cold or at normal operating temperature		5.0–5.6	
Control pressure in idle with engine at normal operating temperature	Warm-up compensator stabilized	3.4–3.8 at 530 mbar ¹⁾	3.4–3.8 not dependend on intake manifold pressure
	Full load enrichment in idle (vacuum hose detached)	2.6–3.0	–
	Full load enrichment when engine switched off	–	2.6–3.0
	Acceleration enrichment in idle (both vacuum hoses detached)		
Control pressure in line with ambient temperature in idle when engine cold		minimum 0.5 (see diagram)	

¹⁾ If the control pressure is not reached, test intake manifold vacuum (section "Testing control pressure in idle with engine at normal operating temperature" 07.3–120).

- 1 Connect pressure measuring device (07.3–120).
- 2 Run engine to build up pressure.
- 3 Cool engine with blower (or allow to stand overnight).
- 4 Perform cold start, keeping a check on pressure gauge. It may be necessary to test fuel pressures 07.3–120.