Performing cold start

Preceding work:
Testing, adjusting engine (07.3–1100).

Operation no. of operation texts and work units or standard texts and flat rates:
07–2320.

Pressure measuring device (043) ............... connect (07.3–1603), special tool
Engine ................................................ run to build up pressure.
Fan (053) .......................................... switch on.
Cold start ........................................... Cool engine (or allow to stand overnight).

If necessary, test fuel pressures (07.3–1603) or electronic components of KE injection system (07.3–0121).
### Special tools

![Special tools images]

### Test and adjustment data

#### Fuel pressures (in bar gauge)

<table>
<thead>
<tr>
<th>Engine</th>
<th>103</th>
</tr>
</thead>
<tbody>
<tr>
<td>System pressure when engine cold or at normal operating temperature</td>
<td>5.3–5.5</td>
</tr>
<tr>
<td>Lower chamber pressure engine at normal operating temperature approx.</td>
<td>0.4 1)</td>
</tr>
<tr>
<td>Lower chamber pressure coolant temperature +20°C stationary or engine idling approx.</td>
<td>0.5 1)</td>
</tr>
<tr>
<td>with decel fuel shutoff</td>
<td>5.3–5.5 2)</td>
</tr>
<tr>
<td>and acceleration enrichment</td>
<td>≥ 3.8</td>
</tr>
</tbody>
</table>

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1) Below previously measured system pressure.  
2) Lower chamber pressure equal to system pressure.