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### mbme28desc-007b

		<b>Aging of oxygen sensor upstream of TWC (G3/3, G/4), correction variable</b>
1	<b>Fault code</b> (  Display on generic scan tool)	<b>P200C</b> Right oxygen sensor upstream of TWC (G3/4) ( -- ) <b>P207F</b> Left oxygen sensor upstream of TWC (G3/3) ( -- )
2	<b>Fault storage</b>  Activation of malfunction indicator lamp for engine diagnosis (EURO3/4) or CHECK ENGINE (MIL) (  )	after the end of the test period and faults  no activation
3	<b>Frequency of the test</b>	continuous
4	<b>Checked signal or status</b>	Lambda control, correction variable exceeded
5	<b>Fault setting conditions</b> Limits for correction variable	approx. $\pm 1.0$ s ( $\pm TV$ )
6	<b>Test prerequisites</b>	<ul style="list-style-type: none"> <li>- engine speed approx. 750 - 2500 rpm</li> <li>- load approx. 20 - 60 %</li> <li>- Lambda controls enabled</li> <li>- no fault with oxygen sensor heating</li> <li>- three-way catalytic converter temperature greater than 380 °C</li> <li>- no high loading on the activated carbon filter (Lambda greater than 0.4)</li> <li>- no fault in three-way catalytic converter effect</li> <li>- no CAN fault</li> </ul>
7		<ul style="list-style-type: none"> <li>• If faults are detected simultaneously for the oxygen sensor upstream and downstream of the TWC, usually only the oxygen sensor downstream of the TWC is defective.</li> <li>• If the oxygen sensor downstream of TWC is defective to the extent that the signal remains just under the control threshold, the lambda control is enriched to a maximum of TV. The monitoring device for the correction variable of the oxygen sensor upstream then incorrectly detects a defective oxygen sensor upstream of TWC.</li> <li>• If the correction variable of the oxygen sensor upstream of TWC is exceeded, the oxygen sensor downstream of TWC is monitored further.</li> </ul>