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mbme28desc-009b

		Oxygen sensors downstream of TWC (G3/5, G3/6), no sensor status change
1	Fault code ( Display on generic scan tool)	P200E Right oxygen sensor downstream of TWC (G3/6) (--) P2081 Left oxygen sensor downstream of TWC (G3/5) (--)
2	Fault storage 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	Frequency of the test	continuous
4	Checked signal or status	Sensor status change
5	Fault setting conditions	With two-sensor control switched on, sensor status change must be detected after 190 s
6	Test prerequisites	<ul style="list-style-type: none"> - engine speed approx. 750 - 2500 rpm - load 20 - 60 % - diagnosis of oxygen sensors upstream of TWC released - "Oxygen sensor upstream of TWC aging, correction variable exceeded" fault is detected at assigned oxygen sensor upstream of TWC - three-way catalytic converter temperature greater than 380 °C - no fault with oxygen sensor heating
7		<p>If the oxygen sensor downstream of TWC is defective to the extent that the sensor signal remains just under the control threshold, the lambda control is enriched to a maximum TV. The monitoring device for the correction variable of the oxygen sensor upstream of TWC then incorrectly detects a defective oxygen sensor upstream of TWC.</p> <p>To preclude this fault, after the fault entry "Oxygen sensor upstream of TWC aging, correction variable exceeded" the sensor signal of the oxygen sensor downstream of TWC is checked for sensor status change.</p> <p>If no sensor status changes are detected, replace the oxygen sensor downstream of TWC.</p>