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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 at 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 not 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 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 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 is checked for sensor status change.</p> <p>If no sensor status changes are detected, replace the oxygen sensor downstream.</p>