

2004 Mercedes-Benz E55

2003-2007 ENGINE PERFORMANCE Mixture Formation - Self-Diagnostic System - 211 Chassis

		<p>injection/ignition system) for checking the function of the air injection: 7 to 160 kg/h</p> <ul style="list-style-type: none"> ○ Air mass (HFM sequential multiport fuel injection/ignition system) during calculation of the additional air mass from <p>Air injection: 10 to 70 kg/hour and constant (lower partial load)</p> <ul style="list-style-type: none"> ○ Self-adaptation of the mixture formation not at limit ○ Air pressure more than approx. 750 hPa (i.e. no test is performed above a height of approx. 2500 meters) ○ The air conditioning must not be switched on or off during the test ○ No misfiring ○ No fault in O₂ sensor upstream of TWC ○ No fault in voltage supply for purge switchover valve or air pump switchover valve ○ No fault in regeneration, throttle valve actuator, CAN data bus, coolant temperature sensor, pressure sensor for ambient pressure.
7	Check procedure	<p>On starting the causal chain, all functions for self-regulation of mixture adjustment are locked, the switchover valve for regeneration is closed and the current lambda value recorded. This is followed by air injection. The mixture must be made leaner.</p>
8	i	<p>If a prerequisite changes during the test, the test is interrupted and started again later.</p>