





AD07.61-P-4000-09V	Self-adaptation of mixture formation at its limit - fault code description ME-SFI	Engine 272	
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		Self-adaptation of mixture formation is at limit, at neutral speed
1	Fault code (  Readout on generic scan tool)	0745 Right cylinder bank, mixture is too rich (P0171) 0746 Right cylinder bank, mixture is too lean (P0172) 0749 Left cylinder bank, mixture is too rich (P0174) 0750 Left cylinder bank, mixture is too lean (P0175)
2	Fault storage  Actuation of the fault indicating lamp of the engine diagnosis (EURO4) or CHECK ENGINE (MIL) (  )	After expiry of test duration and fault  Following two successive driving cycles with faults
3	Checking frequency	Continuous
4	Checked signal or status	Limits of the additive self adjustment
5	<b>Fault setting conditions</b> <b>Mixture is too rich</b> <b>Mixture is too lean</b>  Checking duration	The injection time at idle is shortened by more than 4.5%. The injection time at idle is extended by more than 4.5%.  600 S
6	Check prerequisites	<ul style="list-style-type: none"> <li>- Engine speed 440 to 760 rpm</li> <li>- Coolant temperature greater than 70°C</li> <li>- Air mass 1 to 35 kg/hour MAF</li> <li>- Load 1 to 35%</li> <li>- No misfiring</li> <li>- Function TWC heating not active</li> <li>- Lambda control enabled</li> <li>- Intake air temperature less than +80°C</li> <li>- Function of self adaptation of mixture formation enabled</li> <li>- No engine oil dilution due to fuel</li> <li>- Self adjustment of the mixture formation for partial load occurs and is stable</li> <li>- <b>No fault in coolant temperature sensor, hot film mass air flow sensor, O2 sensors,</b> air injection, camshaft adjustment and leaktightness of the purge system ()</li> </ul>