

Groups 070 - 079: Emission Control Systems (EVAP, Sec. AIR, EGR)

070	Fuel tank venting and valve testing, short trip			
	Opening degree fuel tank ventilation ^[1]	Lambda regular/ diagnostic value with active diagnose	Idle air control valve / diagnostic value with active diagnose	Result
	[%]	[%]	^[2] / [%] / [g/sec]	Test ON/ Test OFF/ Fuel tank ventilation OK/ Fuel tank ventilation not OK.
071	Fuel tank leak test, short trip			
	Condition reed contact	DTC	Test status	Result
	Text	Text	System test/measurement/ measurement end	Test ON/ Test OFF/ Abort Syst. OK/ Syst. Not OK
	Reed Open / Reed Closed	Small leak/large leak		
072	Tank leak test			
073				
074	EGR regulator solenoid adaption			
	Null-Position	Max. stop	Current potentiometer value	Text
	[V]	[V]	[V]	Leak detection pump runs/ LDP OK/ ERROR
075	EGR, short trip		Systems with Temp.-sensor	
	Engine RPM	EGR-Temp. Sensor	EGR temperature difference	Result
	[1/min]	[°C]	[°C]	Test ON/ Test OFF/ Syst. OK/ Syst. Not OK
075	EGR, short trip		Systems with intake manifold pressure sensor	
	Engine RPM	Intake manifold pressure	Intake manifold pressure difference	Result
	[1/min]	[mbar]	[mbar]	Test ON/ Test OFF/ Syst. OK/ Syst. Not OK
075	EGR, for map adaption short trip		Systems with intake manifold pressure sensor	
	Pressure difference diagnostics EGR phase 1 and 2	Pressure difference diagnostics EGR phase 2 and 3	Pressure difference diagnostics EGR phase 1 and 3	Result
	[hPa]	[hPa]	[hPa]	Test ON/ Test OFF/ Syst. OK/ Syst. Not OK
076	EGR for pressure systems			
	Engine RPM	Intake manifold pressure	Opening degree (U/U _{ref}) EGR potentiometer	Duty cycle EGR valve

	[1/min]	[mbar]	[%]	[%]
076	EGR for air mass system			
	Engine RPM	Last	Opening degree (U/U _{ref})	Duty cycle EGR valve
			EGR potentiometer	
	[1/min]	[%]	[%]	[%]
076	EGR map adaption			
	Actual EGR value – potentiometer without offset	Correction factor in the upper opening range	Correction factor in the lower opening range	Status
	[V]	[%]	[%]	Test OFF / Leak detection pump runs/ LDP OK/ ERROR
077	Test secondary air injection system, short trip, Bank 1		Systems with conventional oxygen sensor	
	RPM	Engine air mass	Air mass secondary air injection system	Result
	[1/min]	[g/sec]	[g/sec]	Test ON/ Test OFF/ Abort Syst. OK/ Syst. Not OK
077	Test secondary air injection system, short trip, Bank 1		Systems with linear oxygen sensor	
	RPM	Engine air mass	relative Air mass	Result
	[1/min]	[g/sec]	[]	Test ON/ Test OFF/ Abort Syst. OK/ Syst. Not OK
078	Test secondary air injection system, short trip Bank 2		Systems with conventional oxygen sensor	
	RPM	Engine air mass	Air mass secondary air injection system	Result
	[1/min]	[g/sec]	[g/sec]	Test ON/ Test OFF/ Abort Syst. OK/ Syst. Not OK
078	Test secondary air injection system, short trip, Bank 2		Systems with linear oxygen sensor	
	RPM	Engine air mass	Relative air mass	Result
	[1/min]	[g/sec]	[]	Test ON/ Test OFF/ Abort Syst. OK/ Syst. Not OK
079				

[1] Duty cycle

[2] The fitting unit depends on the applicable system