

Groups 050 - 059: Engine Speed Control

050	RPM increase		Systems without separation for rear window defroster /A/C readiness	
	RPM actual value	RPM specified value	Rear window defroster/ Request for A/C	A/C compressor
	[1/min]	[1/min]	Text ON/ OFF	Text ON/ OFF/ decrease
050	RPM increase		Systems with separation for rear window defroster /A/C readiness	
	RPM actual value	RPM specified value	Request for A/C	A/C compressor
	[1/min]	[1/min]	Text ON/ OFF	Text ON/ OFF/ decrease
051	RPM, shift initiations			
	RPM actual value	RPM specified value	Driving range (only for automatic transmission)	Supply voltage
	[1/min]	[1/min]	0-6 (Idle, driving ranges 1-6)	[V]
052	RPM increase		Systems without separation for rear window defroster /A/C readiness	
	Not used			
052	RPM increase		Systems with separation for rear window defroster /A/C readiness	
	RPM (actual value)	RPM (specified value)	A/C readiness	Rear window defroster
	[1/min]	[1/min]	Text ON/OFF	Text ON/OFF
053	RPM increase based on generator load			
	RPM (actual value)	RPM (specified value)	Voltage	Generator load
	[1/min]	[1/min]	[V]	[%]
054	Closed throttle position switch			
	RPM	Operating conditions	Throttle valve angle (Potentiometer)	Throttle valve angle (Potentiometer)
	[1/min]	(LL, TL, VL, SA, BA)	[%]	[%]
054	Closed throttle position switch for E-Gas-systems			
	RPM	Operating conditions	Sensor 1 for accelerator pedal position	Throttle valve angle (Potentiometer)
	[1/min]	(LL, TL, VL, SA, BA)	[%]	[%]
055	Idle air control		Systems without separation for rear window defroster /A/C readiness	
	RPM	Idle air control	Current learning value for idle air control	Operating conditions
	[1/min] [1]	[2]	[3]	x0xxx [4] └─A/C compressor ON └─Driving range selected

				<ul style="list-style-type: none"> — A/C readiness, rear window defroster ON — always 0 — Steering to stop
055	Idle air control		Systems with separation for rear window defroster /A/C readiness	
	RPM	Idle air control	Learning value for idle air control	Operating conditions
	[1/min]	[5]	[6]	xxxxx 8 <ul style="list-style-type: none"> — A/C compressor ON — Driving range selected — A/C readiness ON — rear window defroster ON — Steering to stop
056	Idle air control		Systems with separation for rear window defroster /A/C readiness	
	RPM (actual value)	RPM (specified value)	Idle air control valve	Operating conditions
	[1/min]	[1/min]	[7]	x0xxx 8 <ul style="list-style-type: none"> — A/C compressor ON — Driving — range selected — A/C readiness, rear window defroster ON — always 0 — Steering to stop
056	Idle air control		Systems without separation for rear window defroster /A/C readiness	
	RPM (actual value)	RPM (specified value)	Idle air control valve	Operating conditions
	[1/min]	[1/min]	[8]	xxxxx [9] <ul style="list-style-type: none"> — A/C compressor ON — Driving range selected — A/C readiness, rear window defroster ON

				↳ Steering to stop
057	Idle air control, pressure signal A/C compressor			
	RPM (actual value)	RPM (specified value)	A/C compressor	Duty cycle pressure receiver
	[1/min]	[1/min]	Text: ON/OFF/decreasing	[%]
058				
	RPM	Load	Engine bearing 1 right	Engine bearing 2 left
	[1/min]	[%]	ON/OFF	ON/OFF
059				

[1]

[2] The fitting unit depends on the applicable system

[3] The fitting unit depends on the applicable system

[4] Condition fulfilled = 1; Condition not fulfilled = 0

[5] The fitting unit depends on the applicable system

[6] The fitting unit depends on the applicable system

[7] The fitting unit depends on the applicable system

[8] The fitting unit depends on the applicable system

[9] Condition fulfilled = 1; Condition not fulfilled = 0