

DAIMLER TRUCK

Selection of actual value group

Vehicle data

Recording of data

+ Grouping by components

+ Grouping by actual values

Display of all actual values

+ Individual actual value groups

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No.		Name	Actual value	Specified value
☐ AS001		Current engine speed	499.25 1/min	[0.00 .. 2200.00]
☐ AS002		Coolant temperature	73.00°C	[-30.00 .. 105.00]
☐ AS003		Atmospheric pressure	1.00000bar	[0.80000 .. 1.10000]
☐ AS004		Power supply of control unit 'A60 (Exhaust aftertreatment (ACM) control unit)'	28.22V	[8.00 .. 32.00]
☐ AS010		Intake air temperature	0.00°C	[-35.00 .. 100.00]
☐ AS013		Engine output	7.96%	[0.00 .. 100.00]
☐ AS018		Exhaust temperature upstream of SCR catalytic converter	107.00°C	[-35.00 .. 700.00]
☐ AS019		Exhaust temperature downstream of SCR catalytic converter	103.00°C	[-35.00 .. 700.00]
☐ AS022		Temperature in AdBlue® tank	31.00°C	[-30.00 .. 60.00]
☐ AS023		Inside temperature of control unit	35.00°C	[-30.00 .. 80.00]
☐ AS024		Fill level of AdBlue® tank (computed value)	99.99%	[10.00 .. 100.00]
☐ AS025		Fill level of AdBlue® tank	100.00%	[2.50 .. 100.00]
☐ AS028		Fuel flow rate	1.62kg/h	[0.00 .. 105.00]
☐ AS042		Vehicle AT STANDSTILL	YES	
☐ AS043		Volume of fuel tank	368.00L	[10.00 .. 1000.00]
☐ AS053		Ambient temperature	29.50°C	
☐ AS069		Operating condition of combustion engine	IDLE SPEED	
☐ AS077		Current vehicle speed	0.00km/h	[0.00 .. 120.00]
☐ AS079		Readiness request of component 'A58 (Pump module)'	ON	OFF, ON, POWER-DOWN
☐ AS080		Requested AdBlue® metering amount	0.00g/h	
☐ AS087		Total AdBlue® consumption	457kg	[0 .. 4000000]
☐ AS094		Signal voltage of component 'B74 b1 (AdBlue® tank fill level sensor)'	2.70V	[0.50 .. 3.00]
☐ AS101		Efficiency of NOx conversion	0.03	
☐ AS110		Pressure in AdBlue® supply circuit	10bar	[0.0 .. 10]
☐ AS111		NOx concentration upstream of SCR catalytic converter	0.00ppm	[0.00 .. 1650.00]
☐ AS112		Lambda value of NOx sensor upstream of exhaust aftertreatment	50.00	[0.00 .. 51.00]
☒ AS113		Temperature of NOx sensor upstream of exhaust aftertreatment	0.00°C	[-40.00 .. 1000.00]
☐ AS114		NOx concentration downstream of SCR catalytic converter	0.00ppm	[0.00 .. 1650.00]
☐ AS115		Lambda value of NOx sensor downstream of exhaust aftertreatment	50.00	[0.00 .. 51.00]
☐ AS116		Temperature of NOx sensor downstream of exhaust aftertreatment	93.00°C	[-40.00 .. 1000.00]
☐ AS117		Number of operating hours since fault detection in exhaust aftertreatment system	0h	[0 .. 70000]
☐ AS130		Number of operating hours in last	0h	

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		measuring period		
☐	AS131	AdBlue® consumption in last measuring period	0.00kg	
☐	AS132	AdBlue® consumption in next to last measuring period	0.00kg	
☐	AS133	Actuation duration of AdBlue® heating elements in last measuring period	0.0h	
☐	AS134	Actuation duration of AdBlue® heating elements in next to last measuring period	0.0h	
☐	AS135	Actuation duration of AdBlue® heating elements in total measuring period	19.5h	
☐	AS143	Rpm of AdBlue® delivery pump	1040.00 1/min	
☐	DS001	 Ignition (circuit 15):	ON	ON
☐	DS001	 Combustion engine RUNNING	YES	NO, YES
☐	DS002	 AdBlue® metering device	ACTIVE	NOT ACTIVE, ACTIVE
☐	DS002	Exhaust aftertreatment system	ENABLED	
☐	DS002	 Status of AdBlue® metering device	OK	OK
☐	DS002	 Status of CAN bus	OPERATIONAL	NOT FULLY OPERATIONAL, OPERATIONAL
☐	DS003	 Status of component 'A58 m25 (AdBlue® delivery pump)'	NOT ENABLED	NOT ENABLED, ENABLED
☐	DS004	 Actuation of component 'R7 (AdBlue® intake line heating element)'	NOT ACTIVE	NOT ACTIVE, ACTIVE
☐	DS004	 Actuation of component 'R8 (AdBlue® pressure line heating element)'	NOT ACTIVE	NOT ACTIVE, ACTIVE
☐	DS005	 Actuation of component 'R6 (AdBlue® return line heating element)'	NOT ACTIVE	NOT ACTIVE, ACTIVE
☐	DS006	 Indicator lamp 'CEL (Check Engine Lamp)'	OFF	OFF
☐	DS006	 Warning buzzer	OFF	OFF
☐	DS006	 Indicator lamp 'SEL (Stop Engine Lamp)'	ON	OFF
☐	DS007	 Signal 'Lambda value of NOx sensor upstream of exhaust aftertreatment'	INVALID	VALID, INVALID
☐	DS007	 Signal 'NOx concentration upstream of SCR catalytic converter'	INVALID	VALID, INVALID
☐	DS007	 Power supply of component 'A70 (NOx sensor control unit, exhaust aftertreatment unit inlet)'	NOT OK	NOT OK, OK
☐	DS007	 Operating temperature of component 'A70 b1 (NOx sensor, exhaust aftertreatment unit inlet)'	NOT REACHED	NOT REACHED, REACHED
☐	DS009	 Signal 'Lambda value of NOx sensor downstream of exhaust aftertreatment'	INVALID	VALID, INVALID
☐	DS009	 Signal 'NOx concentration downstream of SCR catalytic converter'	INVALID	VALID, INVALID
☐	DS009	 Power supply of component 'A57 (NOx sensor control unit, exhaust aftertreatment unit outlet)'	OK	NOT OK, OK
☐	DS009	 Operating temperature of component	REACHED	NOT

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		'A57 b1 (NOx sensor, exhaust aftertreatment unit outlet)		REACHED, REACHED
☐ DS011		Actuation of component 'A67 y3 (AdBlue® metering valve)'	NOT ACTIVE	NOT ACTIVE, ACTIVE
☐ DS011		Actuation of component 'A67 r1 (AdBlue® metering valve heating element)'	NOT ACTIVE	NOT ACTIVE, ACTIVE

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Control unit 'A70 (NOx sensor control unit, exhaust aftertreatment unit inlet)' determines the actual value via component 'A70 b1 (NOx sensor, exhaust aftertreatment unit inlet)' and makes it available to control unit 'A60 (Exhaust aftertreatment (ACM) control unit)' in the form of a CAN signal.

- A60.X2.120/52 : CAN line high - A70 (NOx sensor control unit, exhaust aftertreatment unit inlet)
- A60.X2.120/53 : CAN line low - A70 (NOx sensor control unit, exhaust aftertreatment unit inlet)