

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




DAIMLER TRUCK

No.		Name	Actual value	Specified value
<input type="checkbox"/> AS001		Current engine speed	500.75 1/min	[0.00 .. 2200.00]
<input type="checkbox"/> AS002		Coolant temperature	88.00°C	[-30.00 .. 105.00]
<input type="checkbox"/> AS003		Atmospheric pressure	1.00000bar	[0.80000 .. 1.10000]
<input type="checkbox"/> AS004		Power supply of control unit 'A60 (Exhaust aftertreatment (ACM) control unit)'	28.16V	[8.00 .. 32.00]
<input type="checkbox"/> AS010		Intake air temperature	0.00°C	[-35.00 .. 100.00]
<input type="checkbox"/> AS013		Engine output	4.70%	[0.00 .. 100.00]
<input type="checkbox"/> AS018		Exhaust temperature upstream of SCR catalytic converter	111.00°C	[-35.00 .. 700.00]
<input type="checkbox"/> AS019		Exhaust temperature downstream of SCR catalytic converter	126.00°C	[-35.00 .. 700.00]
<input type="checkbox"/> AS022		Temperature in AdBlue® tank	33.00°C	[-30.00 .. 60.00]
<input type="checkbox"/> AS023		Inside temperature of control unit	38.00°C	[-30.00 .. 80.00]
<input type="checkbox"/> AS024		Fill level of AdBlue® tank (computed value)	62.45%	[10.00 .. 100.00]
<input type="checkbox"/> AS025		Fill level of AdBlue® tank	62.45%	[2.50 .. 100.00]
<input type="checkbox"/> AS028		Fuel flow rate	1.35kg/h	[0.00 .. 105.00]
<input type="checkbox"/> AS042		Vehicle AT STANDSTILL	YES	
<input type="checkbox"/> AS043		Volume of fuel tank	368.00L	[10.00 .. 1000.00]
<input type="checkbox"/> AS053		Ambient temperature	27.50°C	
<input type="checkbox"/> AS069		Operating condition of combustion engine	IDLE SPEED	
<input type="checkbox"/> AS077		Current vehicle speed	0.00km/h	[0.00 .. 120.00]
<input type="checkbox"/> AS079		Readiness request of component 'A58 (Pump module)'	ON	OFF, ON, POWER-DOWN
<input type="checkbox"/> AS080		Requested AdBlue® metering amount	0.00g/h	
<input type="checkbox"/> AS087		Total AdBlue® consumption	745kg	[0 .. 4000000]
<input type="checkbox"/> AS094		Signal voltage of component 'B74 b1 (AdBlue® tank fill level sensor)'	1.79V	[0.50 .. 3.00]
<input type="checkbox"/> AS101		Efficiency of NOx conversion	0.03	
<input type="checkbox"/> AS110		Pressure in AdBlue® supply circuit	10bar	[0.0 .. 10]
<input type="checkbox"/> AS111		NOx concentration upstream of SCR catalytic converter	0.00ppm	[0.00 .. 1650.00]
<input type="checkbox"/> AS112		Lambda value of NOx sensor upstream of exhaust aftertreatment	50.00	[0.00 .. 51.00]
<input checked="" type="checkbox"/> AS113		Temperature of NOx sensor upstream of exhaust aftertreatment	0.00°C	[-40.00 .. 1000.00]
<input type="checkbox"/> AS114		NOx concentration downstream of SCR catalytic converter	0.00ppm	[0.00 .. 1650.00]
<input type="checkbox"/> AS115		Lambda value of NOx sensor downstream of exhaust aftertreatment	50.00	[0.00 .. 51.00]
<input type="checkbox"/> AS116		Temperature of NOx sensor downstream of exhaust aftertreatment	99.00°C	[-40.00 .. 1000.00]
<input type="checkbox"/> AS117		Number of operating hours since fault detection in exhaust aftertreatment system	0h	[0 .. 70000]
<input type="checkbox"/> AS130		Number of operating hours in last	0h	

DAIMLER TRUCK

		measuring period		
<input type="checkbox"/>	AS131	AdBlue® consumption in last measuring period	0.00kg	
<input type="checkbox"/>	AS132	AdBlue® consumption in next to last measuring period	0.00kg	
<input type="checkbox"/>	AS133	Actuation duration of AdBlue® heating elements in last measuring period	0.0h	
<input type="checkbox"/>	AS134	Actuation duration of AdBlue® heating elements in next to last measuring period	0.0h	
<input type="checkbox"/>	AS135	Actuation duration of AdBlue® heating elements in total measuring period	25.4h	
<input type="checkbox"/>	AS143	Rpm of AdBlue® delivery pump	1054.00 1/min	
<input type="checkbox"/>	DS001	 Ignition (circuit 15):	ON	ON
<input type="checkbox"/>	DS001	 Combustion engine RUNNING	YES	NO, YES
<input type="checkbox"/>	DS002	 AdBlue® metering device	ACTIVE	NOT ACTIVE, ACTIVE
<input type="checkbox"/>	DS002	Exhaust aftertreatment system	ENABLED	
<input type="checkbox"/>	DS002	 Status of AdBlue® metering device	OK	OK
<input type="checkbox"/>	DS002	 Status of CAN bus	OPERATIONAL	NOT FULLY OPERATIONAL, OPERATIONAL
<input type="checkbox"/>	DS003	 Status of component 'A58 m25 (AdBlue® delivery pump)'	NOT ENABLED	NOT ENABLED, ENABLED
<input type="checkbox"/>	DS004	 Actuation of component 'R7 (AdBlue® intake line heating element)'	NOT ACTIVE	NOT ACTIVE, ACTIVE
<input type="checkbox"/>	DS004	 Actuation of component 'R8 (AdBlue® pressure line heating element)'	NOT ACTIVE	NOT ACTIVE, ACTIVE
<input type="checkbox"/>	DS005	 Actuation of component 'R6 (AdBlue® return line heating element)'	NOT ACTIVE	NOT ACTIVE, ACTIVE
<input type="checkbox"/>	DS006	 Indicator lamp 'CEL (Check Engine Lamp)'	OFF	OFF
<input type="checkbox"/>	DS006	 Warning buzzer	OFF	OFF
<input type="checkbox"/>	DS006	 Indicator lamp 'SEL (Stop Engine Lamp)'	ON	OFF
<input type="checkbox"/>	DS007	 Signal 'Lambda value of NOx sensor upstream of exhaust aftertreatment'	INVALID	VALID, INVALID
<input type="checkbox"/>	DS007	 Signal 'NOx concentration upstream of SCR catalytic converter'	INVALID	VALID, INVALID
<input type="checkbox"/>	DS007	 Power supply of component 'A70 (NOx sensor control unit, exhaust aftertreatment unit inlet)'	NOT OK	NOT OK, OK
<input type="checkbox"/>	DS007	 Operating temperature of component 'A70 b1 (NOx sensor, exhaust aftertreatment unit inlet)'	REACHED	NOT REACHED, REACHED
<input type="checkbox"/>	DS009	 Signal 'Lambda value of NOx sensor downstream of exhaust aftertreatment'	INVALID	VALID, INVALID
<input type="checkbox"/>	DS009	 Signal 'NOx concentration downstream of SCR catalytic converter'	INVALID	VALID, INVALID
<input type="checkbox"/>	DS009	 Power supply of component 'A57 (NOx sensor control unit, exhaust aftertreatment unit outlet)'	OK	NOT OK, OK
<input type="checkbox"/>	DS009	 Operating temperature of component	REACHED	NOT

DAIMLER TRUCK

		'A57 b1 (NOx sensor, exhaust aftertreatment unit outlet)'		REACHED, REACHED
<input type="checkbox"/> DS011		Actuation of component 'A67 y3 (AdBlue® metering valve)'	NOT ACTIVE	NOT ACTIVE, ACTIVE
<input type="checkbox"/> DS011		Actuation of component 'A67 r1 (AdBlue® metering valve heating element)'	NOT ACTIVE	NOT ACTIVE, ACTIVE

DAIMLER TRUCK

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)