

DAIMLER TRUCK

Selection of actual value group
Display of all actual values
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Cylinder - Acceleration values (Only for the development department)
EOL values
+ Individual actual value groups

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No.		Name	Actual value	Specified value
☐ M001		Requested engine torque	30.00Nm	[-300.00 .. 3000.00]
☐ M002		Maximum engine torque	1.231kNm	[0.000 .. 3.000]
☐ M003		Engine torque	251.00Nm	[0.00 .. 3000.00]
☐ M004		Mean actuation duration of main injection for all fuel injectors	0ms	[0 .. 30]
☐ M006		Requested engine speed	600.00 1/min	[0.00 .. 2500.00]
☐ M007		Maximum engine speed	2100 1/min	≤ 2500
☐ M008		Specified value for working speed	Signal NOT PRESENT	
☐ M010		Engine speed	1573.00 1/min	[0.00 .. 2500.00]
☐ M012		Vehicle speed	0.00km/h	[0.00 .. 130.00]
☐ M013		Coolant temperature downstream of coolant pump	60.00°C	[-30.00 .. 110.00]
☐ M014		Fuel temperature	39.00°C	[-30.00 .. 100.00]
☐ M015		Deviation from specified oil level	SIGNAL INVALID	
☐ M016		Oil temperature	61.00°C	[-30.00 .. 125.00]
☐ M017		Charge air temperature at charge air distributor	36.00°C	[-40.00 .. 130.00]
☐ M018		Boost pressure	1227mbar	[700 .. 4000]
☐ M019		Atmospheric pressure	1010mbar	[700 .. 1500]
☐ M020		Oil pressure	4.68100bar	[0.00000 .. 6.00000]
☐ M021		Battery voltage	28.48000V	[22.00000 .. 30.00000]
☐ M022		Type of controller	Idle speed control	
☐ M023		Status of combustion engine	TORQUE REQUEST	
☐ M025		Pressure differential of exhaust gas recirculation	29mbar	[-1000 .. 1000]
☐ M026		Fan speed	348.00 1/min	[0.00 .. 8000.00]
☐ M027		Rpm of turbocharger	42125.00 1/min	[0.00 .. 116000.00]
☐ 149		dtd_%_0_100_U32_0D01	5.00%	[0.00 .. 100.00]
☐ M031		Specified position of component 'Exhaust gas recirculation positioner'	42.00%	[0.00 .. 100.00]
☐ M043		Rail pressure (actual value)	566bar	[0 .. 1100]
☐ M045		Number of operating hours	7082.00h	
☐ M047		Number of ignition cycles	4700.00	[0.00 .. 65535.00]
☐ M050		Fault status of component 'Y621 (Exhaust gas recirculation controller)'	OK	
☐ M055		Intake air temperature downstream of air filter	29.00°C	[-50.00 .. 500.00]
☐ M060		Charge air temperature downstream of charge air cooler	31.00°C	[-50.00 .. 250.00]
☐ M062		Exhaust back pressure upstream of turbocharger	1198mbar	[0 .. 10000]
☐ M065		Air mass flow	275g/s	[0 .. 8000]

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☐		Exhaust gas recirculation rate	21.13%	[0.00 .. 100.10]
☐		Coolant temperature upstream of coolant pump	59.00°C	[-30.00 .. 125.00]
☐		PWM signal of component 'Y616 (Fan clutch solenoid valve)'	100.00%	[0.00 .. 100.00]
☐		PWM signal of component 'Y624 (Engine brake solenoid valve, stage 1)'	0.00%	[0.00 .. 100.00]
☐		PWM signal of component 'Y625 (Engine brake solenoid valve, stage 2)'	0.00%	[0.00 .. 100.00]
☐		Fuel mass to be injected	40.23mg/st	[0mg/stroke .. 500mg/stroke]
☐		Currently injected fuel mass	54mg/stroke	[0 .. 500]
☐		Rail pressure (specified value)	556bar	[0 .. 1100]
☐		Rail pressure variation	-5.13bar	[-40.00 .. 40.00]
☐		Actual current of quantity control valve	2.6A	[0.0 .. 5.0]
☐		Signal amplitudes 1	0.36 1/min	
☐		Signal amplitudes 3	0.34 1/min	
☐		Acceleration of cylinder 1	1m/s ²	
☐		Acceleration of cylinder 2	-4m/s ²	
☐		Acceleration of cylinder 3	0m/s ²	
☐		Acceleration of cylinder 4	-4m/s ²	
☐		Acceleration of cylinder 5	-2m/s ²	
☐		Acceleration of cylinder 6	-5m/s ²	
☐		Current correction value for fuel flow rate in high-pressure fuel circuit	7.47L/h	[-150.00 .. 150.00]
☐		Rail leak (calculated value)	1.00	
☐		Status of fan	Fan OFF	
☐		Status of rail pressure regulator	Closed-loop control circuit CLOSED	
☐		Fuel pressure in low-pressure fuel circuit	8.96700bar	[0.00000 .. 10.00000]
☐		Soiling level of fuel filter	59.00%	[0.00 .. 95.00]
☐		Duration fuel temperature exceeded	0.0min	≤ 1092.0
☐		Control deviation of component 'Y621 (Exhaust gas recirculation controller)'	16.74%	
☐		Time since engine start	337.00s	[0.00 .. 64255.00]
☐		Specified rpm of component 'Coolant pump'	0.00 1/min	
☐		Actual rpm of component 'Coolant pump'	0.00 1/min	
☐		Thermal management	5.00	
☐		Engine number	473907C0888222	
☐		Current vehicle identification number in control unit	W1T96441020727093	
☐		Vehicle identification number in control unit on initial installation	W1T96441020727093	
☐		Engine overspeed	2500.00min-1	
☐		Duration of overspeed	2.50s	
☐		MB object number for software	0384488235001	
☐		Frequency counter 'Leakage of	0.00	

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☐			Frequency counter "Leakage of high-pressure fuel circuit"	0.00	
☐			Leakage learned value	1.00	
☐			Number of completed test cycles	10.00	
☐			Frequency counter "Opening of pressure limiting valve"	0.00	
☐	R028		Operating mode of control unit	Normal mode	Normal mode
☐	R029		Number of software programming attempts	1	
☐	R030		Number of data record programming attempts	1	
☐	R031		Maximum number of possible software programming attempts	1023	
☐	R032		Maximum number of possible data record programming attempts	1023	
☐	R040		Fault status	NO FAULT	NO FAULT
☐	R041		Model of immobilizer	Immobilizer (FBS2)	
☐	R042		Status of immobilizer	DEACTIVATED WITH ACTIVE SELF-ARMING	ACTIVATED
☐	R043		Number of transponder keys	00	
☐	R060		B604 (Oil pressure sensor)	4.02V	[0.00 .. 5.00]
☐	R061		B605 (Engine oil fill level sensor) - Oil level sensor	0.01V	[0.00 .. 5.00]
☐	R062		B605 (Engine oil fill level sensor) - Temperature sensor	1.08V	[0.00 .. 5.00]
☐	R065		B638 (Fuel filter module pressure sensor)	2.16V	[0.00 .. 5.00]
☐	R066		B602 (Fuel temperature sensor)	1.63V	[0.00 .. 3.00]
☐	R068		B621 (Exhaust gas recirculation (AGR) differential pressure sensor)	1.07V	[0.00 .. 5.00]
☐	R069		B608 (Charge air pressure and temperature sensor in charge air pipe) - Pressure sensor	1.50V	[0.00 .. 5.00]
☐	R070		B608 (Charge air pressure and temperature sensor in charge air pipe) - Temperature sensor	1.83V	[0.00 .. 3.00]
☐	R071		B611 (Temperature sensor downstream of air filter)	1.88V	[0.00 .. 3.00]
☐	R073		B617 (Charge air temperature sensor in charge air housing)	1.71V	[0.00 .. 3.00]
☐	R074		B606 (Exhaust coolant temperature sensor)	1.12V	[0.00 .. 3.00]
☐	R075		B607 (Intake coolant temperature sensor)	1.13V	[0.00 .. 3.00]
☐	S004		Status of actual value: MIL	NOT DEFINED	
☐	S005		Status of actual value: Warning buzzer	Ignition OFF	
☐	S006		RSL	OFF	
☐	S009		Status of circuit 15 (CAN bus)	Ignition ON	
☐	S010		Status of circuit 15 (CAN bus)	Ignition ON	
☐	S013		Status of button 'Engine start' on component 'S600 (Engine start and engine stop button)'	OFF	

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☐	S014		Status of button 'Engine stop' on component 'S600 (Engine start and engine stop button)'	OFF	
☐	S015		Status of circuit 50	NOT ACTIVE	
☐	S016		Status of starter lockout	NOT ACTIVE	
☐	S025		Status of engine protection function	NOT ACTIVE	
☐	S030		Status of component 'Y616 (Fan clutch solenoid valve)'	ACTIVE	
☐	S031		Status of component 'Y625 (Engine brake solenoid valve, stage 2)'	NOT ACTIVE	
☐	S034		Status of component 'Y636 (Boost pressure regulator)'	NOT ACTIVE	
☐	S035		Status of component 'Proportioning valve 11'	NOT ACTIVE	
☐	S037		Status of component 'Y624 (Engine brake solenoid valve, stage 1)'	OFF	

MB_LKW/Steuergeraete/Antrieb/MCM/MCM21T/SFTP/MCM21T_SFTP.gmf#RuntimeTabs/CurrentValues/NODE2/Istwerte