DAIMLER TRUCK

Initial quick test log

Model series	Arocs (964) / 964.414
MB workshop	831 - GS00111391
Vehicle identification number	W1T96441X20670207
Steering variant	Right-hand drive vehicle
Main odometer reading	129006.8km
Software version	4.9.2.0
Data status	07/2025
Battery voltage	24.4V
Hardware ID	C4843CBD9627
Application ID	256
Time of quick test creation	17.08.2025 06:51:20

Daimler Truck Diagnostics system number	529887
Serial number of diagnostic unit:	42224W017431

Operating hours counter (Engine): 6232.0h

VIN READ OUT: W1T96441X20670207 / VIN (Internal): W1T96441620670207

Installed add-on versions: 33863, 33864, 33865, 33869, 33870, 33872, 33874, 33875, 33876, 33879, 33885, 33886, 33888, 33890, 33896, 33898, 33900, 33904, 33906, 33909, 33913, 33914, 33917, 33919, 33922, 33924, 33925, 33928, 33929, 33934, 33935, 33938, 33939, 33941, 33943, 33944, 33946, 33947, 33948, 33950, 33951, 33952, 33953, 33956, 33957, 33959, 33961, 33962, 33967, 33969, 33971, 33973, 33974, 33977, 33979, 33983, 33986, 33987, 33990, 33993, 33998, 33999, 34000, 34006, 34009, 34012, 34020, 34022, 34024, 34025, 34030, 34033, 34034, 34037, 34043, 34046, 34049, 34052, 34054, 34055, 34057, 34058, 34061, 34063, 34066, 34067, 34068, 34071, 34073, 34075, 34076, 34081, 34084, 34087, 34089, 34091, 34093, 34097, 34100, 34103, 34105, 34110, 34111, 34115, 34117, 34120, 34122, 34123, 34126, 34128, 34130, 34133, 34134, 34135, 34136, 34139, 34141, 34142, 34145, 34146, 34150, 34152, 34154, 34157, 34159, 34160

CGW - Central gateway (A2)   -✓-

Model	Part number	Supplier	Version
Hardware	001 446 19 27 001	Bosch	15/33 02
Software	001 448 19 27 003	Bosch	22/10 02
Boot software	---	---	21/41 00

Diagnosis identifier	020606	Control unit variant	App_020606
Hardware model	CGW04T	Control unit variant	highline
Diagnosis compatibility list	00 06 00	Current vehicle identification number	W1T96441X20670207
Original vehicle identification number	W1T96441X20670207		

ACM - Exhaust aftertreatment (A60)   -✓-

Model	Part number	Supplier	Version
Hardware	001 446 01 54 001	Continental	16/51 00
Software	017 448 23 54 001	Continental	15/32 00
Data record	037 448 68 54 001	MB	23/21 01

Diagnosis identifier	000E2A	Control unit variant	acm_0x0E2A
Hardware model	ACM21T	CBF	21.0.415
Maximum temperature in component 'B72 (Exhaust temperature sensor upstream of SCR catalytic converter)'	447°C	Maximum temperature in component 'B73 (Exhaust temperature sensor downstream of SCR catalytic converter)'	424°C
Software release of control unit 'A60'	E7.56.5.0	Version of data record	R_E0756500_35XX_DY6D _CL2321S
ID code (serial number of control unit)	01AD0526	CAL-ID	2005990500030000
CVN (calibration verification number)	F4 CE FD 16	Certification number	OM473-5-1-A-01
Indicator lamp 'MIL (Malfunction Indication Lamp)'	OFF	Number of operating hours since fault memory last erased	1.1h
Fill level of AdBlue® tank	99.99%		

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ASAM - Advanced signal acquisition and actuation module (A7)   -F-

Model	Part number	Supplier	Version
Hardware	002 446 54 58 002	Continental	21/19 00
Software	004 448 93 58 001	Continental	22/32 00
Software	004 448 94 58 001	Continental	19/04 00
Software	004 448 95 58 001	Continental	22/32 00
Software	004 448 96 58 001	Continental	19/04 00
Software	004 448 97 58 001	Continental	22/32 00
Software	004 448 98 58 001	Continental	18/42 00
Software	004 448 99 58 001	Continental	22/32 00
Software	003 448 47 58 001	Marquardt	15/41 00
Boot software	---	---	19/07 00

Diagnosis identifier	000815	Control unit variant	App_0815
Hardware model	ASAM01T		

Fault	Text			Status
AFF7EC	Failure of component part 'Right turn signal on trailer'			A+S
	Name	**First occurrence**	**Last occurrence**	
	Frequency counter	---	6.00	
	Main odometer reading	128992.00km	128992.00km	
	Number of ignition cycles since the last occurrence of the fault	---	0.00	
A9F7EC	Failure of component part 'Left turn signal on trailer'			S
	Name	**First occurrence**	**Last occurrence**	
	Frequency counter	---	2.00	
	Main odometer reading	128992.00km	128992.00km	
	Number of ignition cycles since the last occurrence of the fault	---	2.00	

S=STORED, A+S=CURRENT and STORED

CCM - Turbo/retarder clutch (A69)   -✓-

Model	Part number	Supplier	Version
Hardware	000 446 93 15 001	Voith	22/52 00
Software	000 448 44 15 001	Voith	17/16 00
Software	000 448 45 15 001	Voith	17/16 00
Boot software	---	---	14/21 00

Diagnosis identifier	000201	Control unit variant	App_0201
Hardware model	CCM01T	Data status	NO_VALUE-1.30-1.36-1.42-1.22-1.43-1.5-1.35-1.58-1.31

CPC - Drive control (A3a)   -f-

Model	Part number	Supplier	Version
Hardware	055 446 43 02 001	Bosch	22/09 00
Boot software	055 448 03 02 001	Bosch	20/08 00
Control unit software	055 448 31 02 001	Bosch	22/17 10
Data record	028 448 51 02 001	MB	21/44 00

Diagnosis identifier	023009	Control unit variant	App_3009
Hardware model	CPC501T	Transmission mode	Information can be found under tab 'Adaptations' in menu item '040 Transmission mode'.

Fault	Text			Status
F90A07	The air filter is blocked.			S
	Name	**First occurrence**	**Last occurrence**	
	Current main odometer reading	128992.00km	128992.00km	
	Operating cycle counter	---	3.00	
	Fault frequency	---	4.00	

S=STORED

DCMD - Door module "Driver" (A16)   -✓-

Model	Part number	Supplier	Version
Hardware	960 446 17 32 001	Conti Temic	15/05 00
Software	960 448 19 32 001	Conti Temic	20/11 00
Boot software	---	---	09/31 00
Diagnosis identifier	00000B	Control unit variant	App_0011
Hardware model	DCMD01T		

DCMP - Door module "Front passenger" (A17)   -✓-

Model	Part number	Supplier	Version
Hardware	960 446 27 19 001	Conti Temic	15/05 00
Software	960 448 19 19 001	Conti Temic	20/11 00
Diagnosis identifier	00000B	Control unit variant	App_0011
Hardware model	DCMP01T		

EAPU - Electronic Air-Processing Unit (A18)   -f-

Model	Part number	Supplier	Version
Hardware	002 446 32 64 001	Knorr	21/09 00
Software	000 448 57 64 002	Knorr	21/10 01
Boot software	---	---	18/13 00
Diagnosis identifier	000309	Control unit variant	App_0309
Hardware model	EAPU03T		

Fault	Text	Status
E6F9EC	Fault in brake system	S

S=STORED

EBS - Electronic brake system (A10b)   -✓-

Model	Part number	Supplier	Version
Hardware	001 446 32 36 001	Wabco Automotive	11/35 00
Software	001 448 49 36 002	Wabco Automotive	22/26 00
Boot software	---	---	16/16 00
Diagnosis identifier	000712	Control unit variant	App_0712
Hardware model	EBS01T	DSC Data status	0
DSC Version number	12673	DSC Week	22
DSC Year	22		

HVAC - Heating, ventilation and air conditioning (A12b)   -✓-

Model	Part number	Supplier	Version
Hardware	960 446 97 28 001	Valeo	14/51 00
Software	000 448 52 28 001	Valeo	15/08 00
Boot software	---	---	10/33 00
Diagnosis identifier	00020E	Control unit variant	App_020E_Tempmatic
Hardware model	HVAC01T	Equipment 'Air conditioning'	PRESENT
Equipment 'Automatic air conditioning'	NOT PRESENT	Equipment 'Display'	NOT PRESENT
Equipment 'Stationary air conditioner'	NOT PRESENT	Equipment 'Auxiliary heating'	NOT PRESENT
Equipment 'Residual heat utilization'	NOT PRESENT	Equipment 'Air quality sensor'	NOT PRESENT
Equipment 'Economy'	PRESENT		

ICUC - Instrument cluster (A1)   -f-

Model	Part number	Supplier	Version
Hardware	013 446 51 21 001	Stoneridge	20/26 00
Software	032 448 98 21 001	Stoneridge	22/11 01
Software	036 448 63 21 001	MB	22/10 20
Software	037 448 34 21 001	MB	22/10 20
Software	026 448 61 21 001	MB	22/10 20
Software	024 448 57 21 001	MB	22/10 20
Software	036 448 64 21 001	MB	22/10 20
Software	---	---	22/01 01
Software	---	---	15/08 00
Boot software	---	---	21/37 01

Diagnosis identifier	000045	Control unit variant	APP_0045
Hardware model	ICUC01T	Serial number of control unit	23072-0297

Fault	Text			Status
1EFBFF	Signal or transmission error from control unit 'A7 (Advanced signal acquisition and actuation module (ASAM) control unit)'			S

	Name	First occurrence	Last occurrence
	Frequency counter	---	1.00
	Main odometer reading	128992.00km	128992.00km
	Number of ignition cycles since the last occurrence of the fault	---	4.00
	Additional information	---	00

S=STORED

MCM - Engine management (A4)   -F-

Model	Part number	Supplier	Version
Hardware	002 446 50 35 001	Continental	19/17 01
Software	038 448 82 35 001	Continental	18/29 05
Data record	007 458 83 35 001	Continental	18/29 05

Diagnosis identifier	000BEF	Control unit variant	mcm_0x0BEF
Hardware model	MCM21T	CBF	21.0.540
ID code (serial number of control unit)	02B136FD	Software module 'Release'	14
Software module 'Subrelease'	11	Software module 'Patch'	0
Software module 'Prototype'	5	Version of data record	R_M141105_3HM507S115
Engine number	473907C0816377	CAL-ID	2005020400030000
CVN (calibration verification number)	2D FA CD CA	Certification number	OM473LA.5-2-00
Theft protection	Immobilizer (FBS2)	Operating hours counter	6232.00h
Number of driving cycles	4767.00		

Fault	Text			Status
E70A0B	Component 'Y621 (Exhaust gas recirculation controller)' reports a fault.			A+S ☼

	Name	First occurrence	Last occurrence
	Status of combustion engine	---	Engine Idle
	Operating mode of combustion engine	---	TM5: Standard operation mode (low NOX / high NOX)
	Engine speed - B600 (Crankshaft position sensor)	---	588.00 1/min
	Fuel temperature - B602 (Fuel temperature sensor)	---	51.75°C
	Engine oil pressure - B604 (Oil pressure sensor)	---	2.64bar
	Oil temperature - B605 (Engine oil fill level sensor)	---	71.64°C
	Coolant temperature - B606 (Exhaust coolant temperature sensor)	---	73.00°C
	Exhaust gas temperature	---	0.00°C
	Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe)	---	1.04000bar
	Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor)	---	19790.00 1/min
	Charge air temperature - B617 (Charge air temperature sensor in charge air housing)	---	55.86°C
	Rail pressure - B622 (Rail pressure sensor)	---	496.00bar
	Rail pressure (specified value)	---	496.00bar
	Rail pressure variation	---	0.00bar
	Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet))	---	Signal not available
	Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor)	---	6.44bar
	Current injection quantity / Injection quantity per cylinder	---	55.31mm^3/st

Fault	Text			Status
	Name	**First occurrence**	**Last occurrence**	
	Currently injected fuel mass	---	0.00kg	
	Current correction value for fuel flow rate in high-pressure fuel circuit	---	7.81L/h	
	Pressure boost during the injection	---	-1.00	
	Calculated leakage value of high-pressure fuel circuit	---	1.00	
	Ambient pressure	---	1.01000bar	
	Ambient temperature	---	24.50°C	
	Vehicle speed	---	0.00km/h	
	Fill level of fuel tank	---	41.20%	
	Actual current of quantity control valve	---	2.92800A	
	Position of exhaust gas recirculation positioner (actual value)	---	0.00%	
	Frequency counter "Opening of pressure limiting valve"	---	0.00	
	Current engine torque	---	196.85Nm	
	Immobilizer	---	Classic	
	Status of torque limitation	---	Torque Limiter Requested and Not Active	
	Warning lamp	---	MI_FLASH	
	Frequency counter 'Ignition cycle'	---	00 C8	
	Fault type	---	245.00	
	Additional information	---	0.00	
	Acceleration of cylinder 1	---	18.00 1/min	
	Acceleration of cylinder 2	---	17.50 1/min	
	Acceleration of cylinder 3	---	17.00 1/min	
	Acceleration of cylinder 4	---	18.00 1/min	
	Acceleration of cylinder 5	---	18.50 1/min	
	Acceleration of cylinder 6	---	17.50 1/min	
	Time [min] Fuel temperature > Threshold 1	---	0.00min	
	Time [min] Fuel temperature > Threshold 2	---	0.00min	
	Position of throttle valve actuator (actual value)	---	Signal not available	
	Position of accelerator pedal	---	16.47%	
	Preinjection 1	---	Enable	
	Preinjection 2	---	Disable	
	Main injection	---	Enable	
	Post injection 1	---	Disable	
	Post injection 2	---	Disable	
	Post injection 3	---	Disable	
	Post injection 4	---	Disable	
	Injector voltage	---	43.10V	
	Torque limitation by engine protection function	---	Activated	
	Torque limitation	---	60.00%	
	Battery voltage	---	28.26V	
	Frequency counter	---	1.00	
	Main odometer reading	128992.00km	128992.00km	
	Number of ignition cycles since the last occurrence of the fault	---	0.00	
	Number of operating hours	6231.00h	6231.00h	
	Year	2025.00years	2025.00years	
	Month	8.00months	8.00months	
	Day	16.00day	16.00day	
	hours	21.00h	21.00h	
	minutes	20.00min	20.00min	
	seconds	48.00SEC	48.00SEC	
	Time elapsed [s] in status 'ACTIVE' of fault code	---	4475.00s	
E70A12	The learned value of component 'Y621 (Exhaust gas recirculation controller)' is too low.			A+S ☀
	Name	**First occurrence**	**Last occurrence**	
	Status of combustion engine	---	Engine Idle	
	Operating mode of combustion engine	---	TM5: Standard operation mode (low NOX / high NOX)	
	Engine speed - B600 (Crankshaft position sensor)	---	588.00 1/min	
	Fuel temperature - B602 (Fuel temperature sensor)	---	51.67°C	
	Engine oil pressure - B604 (Oil pressure sensor)	---	2.64bar	
	Oil temperature - B605 (Engine oil fill level sensor)	---	71.67°C	
	Coolant temperature - B606 (Exhaust coolant temperature sensor)	---	73.00°C	

Fault	Text		Status
	Name	First occurrence	Last occurrence
	Exhaust gas temperature	---	0.00°C
	Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe)	---	1.04000bar
	Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor)	---	19790.00 1/min
	Charge air temperature - B617 (Charge air temperature sensor in charge air housing)	---	55.86°C
	Rail pressure - B622 (Rail pressure sensor)	---	496.00bar
	Rail pressure (specified value)	---	496.00bar
	Rail pressure variation	---	0.00bar
	Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet))	---	Signal not available
	Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor)	---	6.44bar
	Current injection quantity / Injection quantity per cylinder	---	55.31mm^3/st
	Currently injected fuel mass	---	0.00kg
	Current correction value for fuel flow rate in high-pressure fuel circuit	---	7.81L/h
	Pressure boost during the injection	---	-1.00
	Calculated leakage value of high-pressure fuel circuit	---	1.00
	Ambient pressure	---	1.01000bar
	Ambient temperature	---	24.50°C
	Vehicle speed	---	0.00km/h
	Fill level of fuel tank	---	41.20%
	Actual current of quantity control valve	---	2.92800A
	Position of exhaust gas recirculation positioner (actual value)	---	0.00%
	Frequency counter "Opening of pressure limiting valve"	---	0.00
	Current engine torque	---	196.85Nm
	Immobilizer	---	Classic
	Status of torque limitation	---	Torque Limiter Requested and Not Active
	Warning lamp	---	MI_FLASH
	Frequency counter 'Ignition cycle'	---	00 C8
	Fault type	---	233.00
	Additional information	---	0.00
	Acceleration of cylinder 1	---	18.00 1/min
	Acceleration of cylinder 2	---	17.50 1/min
	Acceleration of cylinder 3	---	17.00 1/min
	Acceleration of cylinder 4	---	18.00 1/min
	Acceleration of cylinder 5	---	18.50 1/min
	Acceleration of cylinder 6	---	17.50 1/min
	Time [min] Fuel temperature > Threshold 1	---	0.00min
	Time [min] Fuel temperature > Threshold 2	---	0.00min
	Position of throttle valve actuator (actual value)	---	Signal not available
	Position of accelerator pedal	---	16.47%
	Preinjection 1	---	Enable
	Preinjection 2	---	Disable
	Main injection	---	Enable
	Post injection 1	---	Disable
	Post injection 2	---	Disable
	Post injection 3	---	Disable
	Post injection 4	---	Disable
	Injector voltage	---	43.10V
	Torque limitation by engine protection function	---	Activated
	Torque limitation	---	60.00%
	Battery voltage	---	28.26V
	Frequency counter	---	1.00
	Main odometer reading	128992.00km	128992.00km
	Number of ignition cycles since the last occurrence of the fault	---	0.00
	Number of operating hours	6231.00h	6231.00h
	Year	2025.00years	2025.00years
	Month	8.00months	8.00months
	Day	16.00day	16.00day
	hours	21.00h	21.00h

Fault	Text		Status
	Name	**First occurrence**	**Last occurrence**
	minutes	20.00min	20.00min
	seconds	48.00SEC	48.00SEC
	Time elapsed [s] in status 'ACTIVE' of fault code	---	4476.00s
080212	The effect of the engine brake is limited.		A+S ☼
	Name	**First occurrence**	**Last occurrence**
	Status of combustion engine	---	Engine Idle
	Operating mode of combustion engine	---	TM5: Standard operation mode (low NOX / high NOX)
	Engine speed - B600 (Crankshaft position sensor)	---	601.00 1/min
	Fuel temperature - B602 (Fuel temperature sensor)	---	58.86°C
	Engine oil pressure - B604 (Oil pressure sensor)	---	1.92bar
	Oil temperature - B605 (Engine oil fill level sensor)	---	88.39°C
	Coolant temperature - B606 (Exhaust coolant temperature sensor)	---	88.00°C
	Exhaust gas temperature	---	0.00°C
	Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe)	---	1.04000bar
	Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor)	---	21490.00 1/min
	Charge air temperature - B617 (Charge air temperature sensor in charge air housing)	---	69.45°C
	Rail pressure - B622 (Rail pressure sensor)	---	496.00bar
	Rail pressure (specified value)	---	496.00bar
	Rail pressure variation	---	0.00bar
	Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet))	---	Signal not available
	Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor)	---	6.42bar
	Current injection quantity / Injection quantity per cylinder	---	50.41mm^3/st
	Currently injected fuel mass	---	0.00kg
	Current correction value for fuel flow rate in high-pressure fuel circuit	---	10.72L/h
	Pressure boost during the injection	---	-1.00
	Calculated leakage value of high-pressure fuel circuit	---	1.00
	Ambient pressure	---	1.01000bar
	Ambient temperature	---	26.00°C
	Vehicle speed	---	0.00km/h
	Fill level of fuel tank	---	Signal not available
	Actual current of quantity control valve	---	2.92800A
	Position of exhaust gas recirculation positioner (actual value)	---	0.00%
	Frequency counter "Opening of pressure limiting valve"	---	0.00
	Current engine torque	---	157.48Nm
	Immobilizer	---	Classic
	Status of torque limitation	---	Torque Limiter Requested and Active
	Warning lamp	---	MI_OFF
	Frequency counter 'Ignition cycle'	---	00 C8
	Fault type	---	65.00
	Additional information	---	-1.00
	Acceleration of cylinder 1	---	19.50 1/min
	Acceleration of cylinder 2	---	18.50 1/min
	Acceleration of cylinder 3	---	18.50 1/min
	Acceleration of cylinder 4	---	19.00 1/min
	Acceleration of cylinder 5	---	19.00 1/min
	Acceleration of cylinder 6	---	17.50 1/min
	Time [min] Fuel temperature > Threshold 1	---	0.00min
	Time [min] Fuel temperature > Threshold 2	---	0.00min
	Position of throttle valve actuator (actual value)	---	Signal not available
	Position of accelerator pedal	---	13.33%
	Preinjection 1	---	Enable
	Preinjection 2	---	Disable
	Main injection	---	Enable
	Post injection 1	---	Disable
	Post injection 2	---	Disable
	Post injection 3	---	Disable

Fault	Text			Status
	Name		First occurrence	Last occurrence
	Post injection 4		---	Disable
	Injector voltage		---	43.00V
	Torque limitation by engine protection function		---	Not Activated
	Torque limitation		---	60.00%
	Battery voltage		---	28.32V
	Frequency counter		---	1.00
	Main odometer reading		128992.00km	128992.00km
	Number of ignition cycles since the last occurrence of the fault		---	0.00
	Number of operating hours		6232.00h	6232.00h
	Year		2025.00years	2025.00years
	Month		8.00months	8.00months
	Day		16.00day	16.00day
	hours		23.00h	23.00h
	minutes		52.00min	52.00min
	seconds		22.00SEC	22.00SEC
	Time elapsed [s] in status 'ACTIVE' of fault code		---	667.00s

A+S=CURRENT and STORED

MS - Maintenance system (A2 a3) -✓-

Model	Part number	Supplier	Version
Hardware	001 446 19 27 001	Bosch	15/33 02
Software	001 448 19 27 003	Bosch	22/10 02
Diagnosis identifier	000110	Control unit variant	App_0116
Hardware model	MS01T		

TCC - Truck Control Center (A9) -✓-

Model	Part number	Supplier	Version
Hardware	001 446 15 62 004	Bosch	22/15 11
Software	003 448 44 62	Bosch	21/48 01
Boot software	---	---	21/48 01
Diagnosis identifier	000708	Control unit variant	App_0708
Hardware model	TCC01T		

TCM - Transmission control (A5) -✓-

Model	Part number	Supplier	Version
Hardware	010 446 55 09 001	Wabco Automotive	14/47 00
Software	010 448 57 09 001	Wabco Automotive	20/26 00
Boot software	---	---	15/46 00
Diagnosis identifier	000016	Control unit variant	App_0016
Hardware model	TCM01T	Control unit software number	201402
Transmission variant	G280-16		

XMC - SAM with additional functions (A22) -✓-

Model	Part number	Supplier	Version
Hardware	000 446 54 46 001	Bosch	17/24 00
Software	000 448 88 46 001	Bosch	21/42 00
Software	---	---	20/33 00
Boot software	---	---	20/33 00
Diagnosis identifier	00010D	Control unit variant	App_010D
Hardware model	XMC01T		