



LIEBHERR V12.0 Function List

Note:

✓	Functions marked with ✓ is fully supported.						
System		ECU Info	Read Fault Code	Clear Fault Code	Live Data	Active Test	Special Func
Bosch Automatic Identification\Bosch China III System Automatic Identification		✓	✓	✓	✓	✓	EDC16UC04, EDC7UC31, EDC16UC40, EDC16C39, ECD16C8, EDC17C63, EDC17C81, EDC17C53, EDC17CV44, EDC17CV54, EDC17C62, EDC17C55, EDC17CV41, EDC17CV43, MD1CS089, MD1CE100, MD1CE108, MD1CC878
Bosch Automatic Identification\Bosch China IV/V system self-recognition		✓	✓	✓	✓	✓	
Bosch Automatic Identification\Bosch China V/VI system self-recognition		✓	✓	✓	✓	✓	

Special Function Table

0001	Startup fault information
0002	Compression Test
0003	Accelerated testing
0004	Cylinder Cutout Test
0005	Idle comparison test
0006	Starting fault information
0007	High-pressure test
0008	Fuel metering unit test
0009	Reset pressure accumulator pressure limiting valve
0010	Speed comparison
0011	Fuel injector data -- write #1 nozzle data
0012	Fuel injector data -- write #2 nozzle data
0013	Fuel injector data -- write #3 nozzle data
0014	Fuel injector data -- write #4 nozzle data
0015	Fuel injection data -- read all fuel injector data
0016	idle speed comparison
0017	Fuel injection comparison
0018	Starting fault
0019	Accelerated test 2
0020	Cylinder 2 Cutout Test
0021	Compression test2
0022	Injector code - nozzle #1
0023	Injector code - nozzle #2
0024	Injector code - nozzle #3
0025	Injector code - nozzle #4
0026	Nozzle code - read all fuel injector data
0027	Fuel injector data-read and write all fuel injector data
0028	Startup failure
0029	Idle speed comparison
0030	Injector code-read and write all injector data
0031	Clearing (reset) PRV valve opening times
0032	Clearing (reset) PRV valve opening time
0033	Broken cylinder (injection off) test
0034	Engine speed comparison
0035	Start fault information test
0036	Clear PRV valve timeout
0037	Clear PRV valve timeout
0038	Read and write CAL ID
0039	Read/Write VIN
0040	Reading and writing injector code
0041	Reset service interval indicator
0042	Write VIN
0043	Write CID number
0044	Engine number EID
0045	PRV valve clear function
0046	Flashing Fuel Injector
0047	Brushing and writing VIN code
0048	Nozzle data
0049	Speed comparison test
0050	EGR zero trigger learning
0051	Clear ZFC learning value
0052	Clear LTE
0053	Fuel nozzle data brush
0054	ECU reset
0055	Clear EGR self-learning value
0056	Temporary forbidden function / engine plant configuration
0057	Unclearable fault clearing function / OEM configuration
0058	Flash VIN
0059	EGR valve reset
0060	TVA valve reset
0061	Air flow meter HFM reset
0062	Oxygen sensor LSU reset
0063	Fuel Observer FMO reset
0064	Vehicle speed limit information is written
0065	Vehicle mileage writes
0066	Particle trap DPF reset
0067	Particle trap DPF forced regeneration
0068	Simulated soot writing
0069	Post-treatment AdBlue system test
0070	Throttle TVA valve reset

0071	Clear all historical fault codes
0072	Clear all fault codes (750)
0073	Clear all fault codes (761)
0074	Broken cylinder (injection off) test
0075	Remove post processing fault code
0076	Write a new EIN
0077	Write a new VIN
0078	Read nozzle data -4 cylinder
0079	Read nozzle data -6 cylinder
0080	Write engine type
0081	Write to vehicle type
0082	Reset PRV valve opening times
0083	Reset PRV valve opening time
0084	Clear special fault code (Exhaust Aftertreatment)
0085	QR code reading and writing
0086	VIN code reading and writing
0087	Temporary forbidden function / engine plant configuration
0088	Jet off test
0089	Vin Code Brush Write
0090	Clear LTE function
0091	particle trap DPF manual regeneration
0092	DPF forced regeneration
0093	Engine speed test
0094	Read and write VIN
0095	Read and write CID
0096	Particle trap DPF value forced regeneration
0097	Rail pressure control valve reset
0098	Rail pressure sensor adjustment
0099	HFM adaptive reset
0100	Supercharged pressure sensor adjustment
0101	Write frame number VIN code
0102	Particle trap DPF value manual regeneration
0103	Flashing VDS Code
0104	DPF function
0105	EGR valve position correction value self-learning
0106	TVA valve full-off position correction value self-learning
0107	HFM drift correction value reset
0108	LSU correction value reset
0109	FMO correction value function
0110	ZFC correction value clear
0111	Read and write EIN
0112	Clear non clear fault codes
0113	PRV valve opening times erase
0114	DPF value reduction
0115	Reset DPF
0116	In situ regeneration of DPF
0117	Dynamic regeneration DPF
0118	Clear PRV pressure relief valve open times
0119	Clear PRV pressure relief valve open time
0120	Maximum Vehicle Speed Limit
0121	Clear all historical fault codes (V792)
0122	Clear all historical fault codes (V780)
0123	Clear all history Fault code (V791)
0124	Clear all historical fault codes (V790)
0125	Clear all historical fault codes (V770)
0126	Clear all historical fault codes (V501)
0127	Clear all historical fault codes (V710)
0128	Clear all calendars Fault code (V720)
0129	Clear all historical fault codes (V732)
0130	Clear all historical fault codes (V750)
0131	Clear all historical fault codes (V740)
0132	Clear all historical fault codes Code (V100)
0133	Clear all historical fault codes (V200)
0134	Clear all historical fault codes (V210)
0135	Clear all historical fault codes (V300)
0136	Clear all historical fault codes (V301)
0137	Clear all historical fault codes (V302)
0138	Clear all historical fault codes (V730)
0139	Clear all historical fault codes (V741)
0140	Clear all historical fault codes (V751)
0141	Clear all historical fault codes (V760) 1
0142	Clear all historical fault codes (V760) 2
0143	Clear all historical fault codes (V731)
0144	Clear all historical fault codes (V760)
0145	Clear all historical fault codes (V770) 1
0146	Clear all historical fault codes (V770) 2
0147	Clear all historical fault codes (V140)
0148	Clear all historical fault codes (V150)
0149	Clear all historical fault codes (V160)
0150	Clear all historical fault codes (V161)
0151	Clear all historical fault codes (V170)
0152	Clear all historical fault codes (V171)
0153	Clear all historical fault codes (V741) 1
0154	Clear all history Fault code (V741) 2
0155	Clear all historical fault codes (V771)
0156	Clear all historical fault codes (V752)
0157	Clear all historical fault codes (V600)
0158	Clear all historical fault codes (V400)
0159	Clear all historical fault codes (V761)
0160	Clear all historical fault codes (V762)

0161	Clear all historical fault codes (V733)
0162	Clear all historical fault codes (V742)
0163	Clear all historical fault codes (V734)
0164	DPF regeneration function activated
0165	Vehicle running mileage
0166	TVA self-learning value clear
0167	DPF reset (don't replace ECU)
0168	Clear all historical fault codes (V700)
0169	Clear all historical fault codes (V401)
0170	Clear all historical fault codes (V230)
0171	Clear all historical fault codes (V311)
0172	Clear all historical fault codes (V402)
0173	Clear all historical faults Code (V410)
0174	Clear all historical fault codes (V310)
0175	Clear all historical fault codes (V774) Mode 1
0176	Clear all historical fault codes (V774) mode 2
0177	Clear all historical fault codes (V774) Mode 3
0178	ZFC learning value clear
0179	Rewriting CAL ID
0180	Start fault test
0181	Engine code information
0182	Replacement parts
0183	HCI system test
0184	HCI fuel injection test
0185	DPF function test
0186	Read and write vehicle identification code (VIN)
0187	Chassis number
0188	Maximum for Maximum Vehicle Speed
0189	Air conditioning idling
0190	Parking Running idle
0191	Running idle speed
0192	PRV times to zero
0193	K value calibration
0194	TVA
0195	Post-processing active test
0196	DPF 【Particle Catcher】 Service
0197	DPM
0198	TVA EGR
0199	Read and write calibration ID data
0200	Service station regeneration function test
0201	Oil replacement reset
0202	Engine brake test
0203	Induce system restart count reset
0204	Trigger NSC desulfurization
0205	Replace ECU or change NSC
0206	Write frame number VIN
0207	DPF regeneration function test
0208	Read and write injector data
0209	DPF regeneration function
0210	DPS replacement
0211	AdBlue induction system restart count
0212	Induce system restart count
0213	AdBlue pump test
0214	Write the QR code of the injector
0215	LP EGR replacement (LP EGR reset)
0216	BPS replacement (HFM reset)
0217	BPS replacement (FMO reset [HFM])
0218	Differential pressure sensor DPF (DPF reset)
0219	Exhaust valve (exhaust valve reset)
0220	LSU replacement (LSU dew detection heater release reset)
0221	LSU replacement (FMO LSU reset)
0222	RPS replacement (FMO RPS reset)
0223	Resetting the modified value of the zero fuel injection quantity calibration of the fuel injector
0224	FMO injector reset
0225	Fuel common rail pipe (track-APCV reset)
0226	After-treatment catalyst aging replacement (SCR catalyst NH3 load reset)
0227	Clutch pedal self-learning