

DELPHI V13.7 Function List

Note:

✓ Functions marked with ✓ is fully supported.

System	ECU Info	Read Fault Code	Clear Fault Code	Live Data	Active Test	Special Func
Yuchai Delphi\Delphi Common Rail System DCM7.24 (Yuchai YCY24, YCY30, YCS04 series China VI)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Yuchai Delphi\Delphi Common Rail System DCM7.24 (Yuchai 4Y20, YC4E China VI)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Yuchai Delphi\Delphi Common Rail System DCM6.24 (Yuchai 4Y20, YC4E China V)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Yuchai Delphi\Delphi Common Rail System 12V	✓	✓	✓	✓	A0001, A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0011, A0012, A0013, A0014, A0015, A0016, A0017, A0018, A0019, A0020, A0021,	S0001, S0002, S0003
Yuchai Delphi\Delphi Common Rail System (China III)	✓	✓	✓	✓	A0002, A0003, A0004, A0006, A0007, A0008, A0025, A0010, A0012, A0016, A0017, A0018, A0019	S0001, S0002, S0003
Yuchai Delphi\Delphi Unit Pump System\Delphi Unit Pump I (China III)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Yuchai Delphi\Delphi Unit Pump System\Delphi Unit Pump II (China III)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
JAC Delphi\Delphi Common Rail System DCM6.24 (JAC HFC4DB2-ID China V)	✓	✓	✓	✓	A0026, A0027, A0028, A0029, A0030, A0031, A0032, A0033, A0034, A0035, A0036, A0037, A0038, A0039, A0040, A0041	S0004, S0005, S0006, S0007, S0008, S0009, S0010, S0011, S0012, S0013, S0014, S0015, S0016, S0017, S0018, S0019, S0020, S0021, S0022, S0023, S0024,
JMC Delphi\Delphi Common Rail System Diesel Engine 3.1 (EUR 3)	✓	✓	✓	✓		
JMC Delphi\Delphi Common Rail System Diesel Engine 3.2 (EUR 3)	✓	✓	✓	✓	A0001, A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0011, A0012, A0013, A0014, A0015, A0042, A0043, A0044, A0045, A0046, A0021,	S0001, S0002, S0003
JMC Delphi\Delphi Common Rail System Diesel Engine 3.2 Upgrade Version (EUR 3)	✓	✓	✓	✓	A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0012, A0013, A0014, A0042, A0043, A0044, A0045	S0001, S0002, S0003
Yunnei Power Delphi\Delphi Common Rail System DCM6.24 (Yunnei Power YNF40/D45 China V)	✓	✓	✓	✓	Please refer to YUNNEIPOWER Function List	
Yunnei Power Delphi\Delphi Common Rail System DCM7.24 (Yunnei Power China VI) (24V)	✓	✓	✓	✓	Please refer to YUNNEIPOWER Function List	
Great Wall Delphi\Delphi Common Rail System DCM7.24(Great Wall 4D20M China VI)	✓	✓	✓	✓	A0047, A0048, A0049, A0050, A0051, A0052, A0053, A0054, A0055, A0056, A0004, A0057, A0058, A0059, A0060, A0061, A0062, A0063, A0064, A0065, A0066,	S0002, S0033, S0034, S0035, S0036, S0037, S0038, S0039, S0040
Great Wall Delphi\Delphi Common Rail System 4D20 - Great Wall (China V and after 2013)	✓	✓	✓	✓	A0112, A0113, A0114, A0115, A0116, A0117, A0118	S0002, S0001, S0041, S0042
Great Wall Delphi\Delphi Common Rail System 4D20 - Great Wall (China IV 2012)	✓	✓	✓	✓	A0033, A0002, A0031, A0119, A0120, A0006, A0007, A0121, A0122, A0123, A0124, A0125, A0012, A0126, A0127, A0128, A0129, A0130, A0131, A0132, A0133, A0095, A0096, A0097, A0098, A0099, A0100, A0101, A0102, A0047, A0048, A0049, A0050, A0051, A0052, A0106, A0107, A0108, A0110, A0053, A0054, A0055,	S0002, S0001, S0036, S0037, S0044, S0045, S0046, S0047, S0048, S0049, S0050, S0051, S0052, S0053
Qingling Delphi\Delphi Common Rail System DCM7.1AP (Qingling Isuzu 4KH1CT6 China VI)	✓	✓	✓	✓	A0146, A0147, A0148, A0149, A0150, A0151, A0152, A0153, A0154, A0074, A0155, A0156, A0157, A0158, A0159, A0160, A0161, A0162, A0163, A0164, A0165,	S0002, S0001, S0031, S0032
Qingling Delphi\Delphi Common Rail System DCM6.24 (Qingling Isuzu 4KH1CN5 China V)\Diagnosis function	✓	✓	✓	✓		
Qingling Delphi\Delphi Common Rail System DCM6.24 (Qingling Isuzu 4KH1CN5 China V)\Calibration function						S0054
Jiangxi Isuzu Delphi\Delphi Common Rail System (Jiangxi Isuzu JE493ZLQ6E China VI)	✓	✓	✓	✓		S0036, S0037, S0055, S0056, S0057, S0058, S0059, S0060, S0061, S0062, S0063, S0064, S0065, S0066, S0067, S0068, S0069, S0024, S0070, S0071, S0072,
Jiangxi Isuzu Delphi\Delphi Exhaust Aftertreatment System (China VI)	✓	✓	✓	✓	Please refer to SCR Function List	
Jiangxi Isuzu Delphi\Delphi Common Rail System DCM3.27 (Jiangxi Isuzu China V)	✓	✓	✓	✓	A0166, A0167, A0114, A0115, A0116, A0117, A0118	S0002, S0001, S0041, S0082, S0083, S0084, S0085
Dongfeng Delphi\Delphi Electronic Control System 7.24 (Dongfeng DD113 China VI)	✓	✓	✓	✓	A0095, A0096, A0097, A0098, A0099, A0100, A0101, A0102, A0047, A0168, A0049, A0050, A0051, A0052, A0106, A0107, A0108, A0110, A0053, A0054, A0055,	S0002, S0033, S0034, S0044, S0045, S0046, S0036, S0037
Dongfeng Delphi\Delphi Electronic Control System 7.1AP (Dongfeng Qingfa M9T China VI)	✓	✓	✓	✓	A0171, A0138, A0172, A0173, A0174, A0095, A0096, A0097, A0098, A0099, A0100, A0101, A0102, A0047, A0168, A0175, A0176, A0177, A0049, A0050, A0051, A0183, A0184, A0185, A0186, A0187, A0188, A0189, A0190, A0191, A0192, A0193, A0194, A0195, A0196, A0197	S0002, S0033, S0034, S0086, S0047, S0036, S0037, S0087, S0088, S0089, S0090, S0038, S0039, S0040
Anti-lock Brake System\Delphi ABS	✓	✓	✓	✓		S0091

Special Function Table

S0001	Read and write injector code (QR)
S0002	Read and write vehicle identification code (VIN)
S0003	Leak test
S0004	Air conditioning compressor test
S0005	MIL lamp test
S0006	Preheat indicator light test
S0007	Anti-theft indicator test
S0008	Fan 2 Relay Test
S0009	glow plug test
S0010	EGR Solenoid Test
S0011	Intake Throttle Test
S0012	Fan 1 relay test
S0013	EGR bypass valve test
S0014	Start Relay Test
S0015	DPF lamp test
S0016	Rail Pressure Test
S0017	IMV Test
S0018	Oil cut test-cylinder
S0019	Oil cut test -2 cylinder
S0020	Oil cut test -3 cylinder
S0021	Oil cut test -4 cylinder
S0022	Engine Power Balance Test
S0023	High pressure system hydraulic test
S0024	Cylinder compression test
S0025	Minimum drive pulse Update cycle adjustment
S0026	IMV (oil metering valve) buzzer test
S0027	Turbocharger test
S0028	injector drift test
S0029	Injector stuck test at start
S0030	Cruise indicator test
S0031	DPF learning value reset
S0032	DPF forced regeneration
S0033	Read and write injector code (QR) (single cylinder)
S0034	Read and write injector code (QR) (all cylinders)
S0035	Reset NVV (learned value)

S0036	DPF idle speed regeneration test
S0037	DPF driving regeneration test
S0038	DPF value reset test
S0039	DPF differential pressure sensor reset test
S0040	DPF frequent regeneration reset test
S0041	EGR clear self-learning
S0042	DPF particle trap
S0043	Read and write network configuration information
S0044	Reset fault parameters
S0045	Reset DPF lock function parameters
S0046	SCR correction value reset
S0047	EGR learning value reset
S0048	Throttle learning value reset
S0049	Camshaft learning value reset
S0050	Rail pressure too high for too long Fault reset
S0051	Low NOx conversion efficiency fault reset
S0052	SCR learning offset reset
S0053	PM regeneration time reset
S0054	ECU data matches vehicle type
S0055	Rail pressure control test
S0056	Fuel injection metering valve test
S0057	Injector 1 Shutdown Test
S0058	Injector 2 Shutdown Test
S0059	Injector 3 Shutdown Test
S0060	Injector 4 Shutdown Test
S0061	Dynamic balance test
S0062	Rail pressure tube test
S0063	Injector Drift Test
S0064	Injector stuck test during startup
S0065	Injector 1 coil test
S0066	Injector 2 coil test
S0067	Injector 3 coil test
S0068	Injector 4 coil test
S0069	Oil pressure establishment test
S0070	Injector minimum drive pulse width cycle
S0071	Inlet metering valve test
S0072	Fan 1 test
S0073	Fan 2 test
S0074	Starter relay test
S0075	Main relay test
S0076	Low pressure oil pump relay test
S0077	High pressure EGR test
S0078	Throttle Actuator Test
S0079	High pressure EGR cooling bypass valve test
S0080	Air quality meter learning test
S0081	EGR position learning test
S0082	DPF particle trap-engine maintenance warning light flashes
S0083	DPF particle trap-engine maintenance warning light, fault indicator light flashes at the same time
S0084	DPF particle trap-engine maintenance warning light, fault indicator light is always on at the same time
S0085	If the DPF particle trap-diagnostic tool reads frequent regeneration failures, clear the failures
S0086	Rail pressure reset function
S0087	reset injector values
S0088	Reset fuel metering threshold
S0089	Reset air flow meter learning values
S0090	Reset phase sensor learning value
S0091	Deflation mode

Active Test Table

A0001	EGR throttle actuator (only 5 cylinders)
A0002	EGR Throttle Valve
A0003	Electric plug
A0004	IMV (oil metering valve) buzzer test
A0005	VGT valve actuator
A0006	Fan 2
A0007	Fan 1
A0008	Power Relay
A0009	Engine test lamp
A0010	Electric plug lamp
A0011	Indicator output of burglar alarm
A0012	Air conditioning relay
A0013	Auxiliary heater #2
A0014	Auxiliary heater #1
A0015	Oil filter indicator
A0016	Injector # 1
A0017	Injector # 2
A0018	Injector # 3
A0019	Injector # 4
A0020	Nozzle #5
A0021	malfunction lamp
A0022	Engine equipment level control
A0023	Remote start enable output
A0024	Eddy current actuator
A0025	C-Engine W/L
A0026	A/C Compressor
A0027	MIL lights
A0028	Preheat indicator
A0029	Anti-theft indicator
A0030	Fan 2 Relay
A0031	glow plug
A0032	EGR solenoid
A0033	Intake throttle valve
A0034	Fan 1 relay
A0035	EGR bypass valve
A0036	DPF Lamp
A0037	IMV beep
A0038	Turbo charger
A0039	IDLE CONTROL
A0040	Cruise indicator
A0041	CE Lamp
A0042	Injector #1 (4 cylinder)
A0043	Injector #2 (4 cylinders)
A0044	Injector #3 (4 cylinders)
A0045	injector #4 (4 cylinders)
A0046	injector #5 (4 cylinders)
A0047	Injector Drift Test

A0048	Injector stuck test during startup
A0049	Injector 1 coil test
A0050	Injector 2 coil test
A0051	Injector 3 coil test
A0052	Injector 4 coil test
A0053	Fan 1 test
A0054	Fan 2 test
A0055	Starter relay test
A0056	Exhaust brake test
A0057	Turbocharger testing
A0058	glow plug test
A0059	Air conditioning compressor test
A0060	OBD fault indicator test
A0061	Glow plug indicator light test
A0062	Anti-theft Lamp Test
A0063	ISG Lamp Test
A0064	DPF lamp test
A0065	Voltage test
A0066	Check engine light test
A0067	Oil water indicator test
A0068	Regenerative suppression lamp test
A0069	Regenerative warning light test
A0070	Regeneration active light test
A0071	Low fuel pressure test
A0072	Emergency brake test
A0073	Fuel heater test
A0074	Cruise control indicator test
A0075	ESC lamp test
A0076	Low pressure warning Lamp test
A0077	HPV valve test
A0078	Main relay test
A0079	Fuel heater relay test
A0080	Engine speed signal test
A0081	Engine speed related relay test
A0082	Low pressure oil pump relay test
A0083	Power mode lamp test
A0084	High pressure EGR test
A0085	Throttle Actuator Test
A0086	End and start the test
A0087	High pressure EGR cooling bypass valve test
A0088	Turbocharger test
A0089	ISO injector circuit test
A0090	Injector noise monitoring
A0091	DTI mode of EGR valve
A0092	DTI of EGR throttle actuator Mode
A0093	DTI mode of VGT valve actuator
A0094	Idle control DTI mode
A0095	Rail pressure control test
A0096	Fuel injection metering valve test
A0097	Injector 1 Shutdown Test
A0098	Injector 2 Shutdown Test
A0099	Injector 3 Shutdown Test
A0100	Injector 4 Shutdown Test
A0101	Dynamic balance test
A0102	Rail pressure tube test
A0103	Electric water heater test
A0104	LNT deoxygenation test
A0105	Alternator control
A0106	Oil pressure establishment test
A0107	Cylinder compression test
A0108	Injector minimum drive pulse width cycle
A0109	APC start-up test
A0110	Inlet metering valve test
A0111	Air quality meter learning test
A0112	Idle speed forced regeneration
A0113	Active regeneration
A0114	High pressure pump diagnostics
A0115	Inlet metering valve test diagnosis
A0116	Hydraulic test diagnostic
A0117	Injector minimum drive pulse period update test diagnosis
A0118	Compression stroke test diagnosis
A0119	Inlet metering valve
A0120	VGT (variable geometry turbocharger)
A0121	Main Relay
A0122	Malfunction Indicator Lamp
A0123	Glow plug light
A0124	Starter Relay
A0125	SAS activation lamp
A0126	Main cruise control light
A0127	Cruise control switch light
A0128	alternator regulator
A0129	Oil water separator water volume exceeds Limit alarm light
A0130	Injector1
A0131	Injector2
A0132	Injector3
A0133	Injector4
A0134	Check engine lights
A0135	DPF value reset test
A0136	DPF differential pressure sensor reset test
A0137	DPF frequent regeneration reset test
A0138	Idle Speed Control Test
A0139	High voltage VGT test
A0140	Reset SCR catalyst value test
A0141	Reset SCR catalyst induction value test
A0142	Reset throttle position test
A0143	Reset high pressure EGR value test
A0144	Reset the high voltage VGT value test
A0145	Reset rail pressure sensor value test
A0146	Air conditioning compression clutch action test
A0147	Supercharger VGT action test
A0148	EGR valve action test
A0149	Preheat indicator light test
A0150	Glow plug control test
A0151	fault light indication test
A0152	Fuel metering unit test
A0153	Throttle Action test

A0154	Rail Pressure Test
A0155	DPF regeneration indicator test
A0156	DPF forced regeneration
A0157	Oil cut test-cylinder
A0158	Oil cut test -2 cylinder
A0159	Oil cut test -3 cylinder
A0160	Oil cut test -4 cylinder
A0161	High pressure system hydraulic test
A0162	Injector buzzer test 1 cylinder
A0163	Injector Buzzer Test 2 Cylinder
A0164	Injector Buzzer Test 3 Cylinder
A0165	injector buzzer test 4 cylinder
A0166	DPF idle speed regeneration test
A0167	DPF driving regeneration test
A0168	Injector sticking test during start-up
A0169	Inlet metering valve buzzer test
A0170	Engine malfunction indicator test
A0171	Glow plug IO control test
A0172	High pressure egr cooler bypass IO control test
A0173	A/C relay IO control test
A0174	High pressure VGT valve IO control test
A0175	Throttle IO control test
A0176	Low pressure oil pump IO control test
A0177	Fan 1 actuator IO control test
A0178	Fuel accelerator relay test
A0179	Throttle reset
A0180	Fan 2 actuator IO control test
A0181	IMV solenoid valve IO control test
A0182	High pressure EGR test IO control
A0183	System relay
A0184	Red warning light
A0185	ABS Warning Lamp
A0186	Pulse width modulated solenoid valve
A0187	pump motor
A0188	Magnetic valve switch
A0189	Right rear release solenoid valve switch
A0190	Right rear hold solenoid valve switch
A0191	Left rear release solenoid valve switch
A0192	Left rear hold solenoid valve switch
A0193	Right Front Release Solenoid Switch
A0194	Right front hold solenoid switch
A0195	Left front release solenoid valve switch
A0196	Left front hold solenoid switch
A0197	Pulse Width Modulation (PWM) Duty Cycle in Severe Road Conditions