

Fault Code List OBD1

DME 1.1, 1.2 & 1.3 M20, M30, M40, M70, S38	DME 1.7, 1.7.1 & 3.1 M40, M42, M50, S70	DME 1.7.2 M42, M43	DME 3.3 M60, S38, S50	DME 3.3.1 (VANOS) M50	Siemens DME MS40	DDE1	DDE2	Dec Hex	MALFUNCTION DESCRIPTION
	X							0 0	Undefined Fault.
X								1 01	Fault in the DME Control Unit - Reset and run vehicle. If code returns replace DME
	X	X	X	X				1 01	Fuel Pump Relay (EKP) , (RPM Signal M40, M42, M50, S70)
					X			1 01	Ignition Fault - Cylinder #1
							X	1 01	Air Mass Positioner
						X		1 01	RPM Transmitter
	X	X						2 02	Idle Speed Controller
			X	X				2 02	Idle Actuator Closing Winding
					X			2 02	Ignition Fault - Cylinder #3
						X		2 02	Fuel Temperature Sensor
X								3 03	Fuel Pump Relay (EKP)
	X							3 03	Fuel Injector, Cylinder 2+4+6or Cylinder 8+10+12
		X						3 03	Fuel Injector, Cylinder #1 & #3
			X					3 03	Fuel Injector, Cylinder #1
				X				3 03	Fuel Injector, Cylinder #5
					X			3 03	Ignition Fault, Cylinder #5
						X		3 03	Engine Coolant Temperature Sensor
							X	3 03	Electronic Turn Off Unit

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X								4 04	Idle speed Actuator - Open
			X					4 04	Fuel Injector, Cylinder #4
				X				4 04	Fuel Injector, Cylinder #6
						X		4 04	Pedal Position transmitter
X								5 05	Tank ventilation valve
			X					5 05	Fuel Injector, cylinder #6
				X				5 05	Fuel Injector, cylinder #4
					X			5 05	Injection Valve Fault, Cylinder #6
						X		5 05	Boost Pressure Sensor
							X	5 05	Start of injection Transmitter
			X	X				6 06	Fuel Injector Output Stage without Cylinder Assignment
					X			6 06	Injection Valve Fault, Cylinder #4
						X		6 06	Throttle Position Potentiometer
							X	6 06	Glow Period Regulator
X								7 07	Air-flow sensor
			X					7 07	Fuel Injector, cylinder #7
				X				7 07	VANOS Solenoid Valve
						X		7 07	Boost Pressure Regulator

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	X	X	X	X				8 08	Fault Lamp (US Model Only)
						X		8 08	Air Mass Position
X								10 0A	Lambda Regulation
					X			10 0A	Air-Conditioning Compressor
						X		10 0A	Speed Regulator
							X	10 A	Start of Injection Regulator
						X		11 0B	Computer Coupling
	X	X						12 0C	Throttle Valve Potentiometer
			X	X				12 0C	Oxygen Sensor #2
					X			12 0C	Speed Signal
						X		12 0C	Air Temperature Sensor
			X	X				13 D	Oxygen Sensor #1
						X		13 0D	RPM Data Line
					X			14 0E	Transmission Engagement
						X		14 0E	Start of Injection Transmitter
X								15 0F	Check Engine Failure Light
	X	X						15 0F	Knock Sensor 1
			X	X				15 0F	Ignition Circuit Monitoring

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						X		15 0F	Exhaust Gas Recirculation
							X	15 0F	Voltage supply DDE Control Unit
X								16 10	Injection Valve(s)
	X							16 10	Ignition, #6 or #12 Cylinder Spark Signal
		X						16 10	Camshaft Sensor
			X					16 10	Crankshaft Pulse Generator
						X		16 10	Start of Injection Regulator
X								17 11	Injection Valve(s)
			X					17 11	Camshaft Sensor
						X		17 11	Brake Test Switch
								18 12	Control Unit, Pin 18 Stage (when short)
	X							18 12	Chngeover Valve, DISA Butterfly
			X					18 12	Fault to test storage - No actual fault
							X	20 14	Speed Regulator
							X	21 15	Throttle Position Potentiometer
X								22 16	Idle Speed Controller
			X					22 16	Ignition Cylinder #7
					X			22 16	Injection Valve Fault - Cylinder #3

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X								23 17	Lambda Sensor - Heater/Air Pump
			X					23 17	Ignition, Cylinder #6
				X				23 17	Ignition, Cylinder #4
					X			23 17	Injection Valve Fault - Cylinder #1
			X					24 18	Ignition, Cylinder #4
				X				24 18	Ignition, Cylinder #6
					X			24 18	Air Conditioner Compressor
			X					25 19	Ignition, Cylinder #1
				X				25 19	Ignition, Cylinder #5
			X	X				26 1A	Control Unit Supply B+
					X			27 1B	Idle Speed Controller
X								28 1C	Lambda Sensor
							X	28 1C	Clutch Switch
X								29 1D	Speed Signal
	X							29 1D	Idle Actuator
			X	X				29 1D	Idle Actuator Opening Winding
					X			29 1D	Ignition Fault, Cylinder #2
							X	29 1D	Speed Signal

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					X			30 1E	Ignition Fault - Cylinder #4
			X					31 1F	Fuel Injector - Cylinder #5
				X				31 1F	Ignition Fault - Cylinder #3
					X			31 1F	Injection Valve Fault - Cylinder #6
							X	31 1F	Brake Switch
	X							32 20	Fuel Injector, Cylinder 1+3+5 or Cylinder 7+9+11
		X						32 20	Fuel Injector, Cylinder #2 & #4
			X					32 20	Fuel Injector, Cylinder #8
				X				32 20	Fuel Injector, Cylinder #2
X								33 21	Magnetic Valve Hydraulic Automatic Transmission
			X					33 21	Fuel Injector, Cylinder #3
				X				33 21	Fuel Injector, Cylinder #1
					X			33 21	Injection Valve Fault - Cylinder #5
			X					35 23	Fuel Injector, Cylinder #2
							X	35 23	Fuel Temperature Sensor
	X	X						36 24	Tank Ventilation Valve
			X	X				36 24	Tank Ventilation
						X		36 24	Water Level Sensor

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							X	36 24	Water in Fuel Sensor
X								37 25	Power Supply
	X	X		X				37 25	Oxygen Sensor Heater
			X					37 25	Oxygen Sensor Heater #2
							X	37 25	Pedal Position Transmitter
X								38 26	ASC/DWA
			X					38 26	Oxygen Sensor Heater #1
X								40 28	Air Conditioner Compressor
	X							41 29	Air Flow Sensor
		X	X	X				41 29	Mass Air Flow (MAF) Sensor
							X	41 29	Glow Period Regulator
	X	X						42 2A	Knock Sensor 2
			X	X				42 2A	Road Speed Sensor
X								43 2B	Idle speed CO potentiometer
X								44 2C	Air Intake Temperature Sensor
X								45 2D	Coolant Temperature Sensor
			X					46 2E	Free SG Output Stage
							X	47 2F	RPM Transmitter

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	X	X	X	X				48 30	Air Conditioner Compressor Cutoff
			X					49 31	Ignition, Cylinder #2
					X			49 31	Power Supply Control Unit
X								50 32	Engine Towing Moment Regulation
			X					50 32	Ignition, Cylinder #3
				X				50 32	Ignition, Cylinder #1
					X			50 32	Injection Valve Fault - Cylinder #2
X								51 33	Ignition Angle Engagement
			X					51 33	Ignition, Cylinder #8
				X				51 33	Ignition, Cylinder #2
					X			51 33	Tank Ventilation
								52 34	Idle Speed Switch
X								52 34	Ignition, Cylinder #5
			X					52 34	Ignition, Cylinder #3
					X			52 34	Fuel Pump
							X	52 34	Temperature Sensor - Charge Air
X								53 35	Wide-open Throttle Switch
					X			53 35	Lambda Sensor Heater

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X							X	53 35	Engine Coolant Temperature Sensor
								54 36	Torque Converter Lock up Clutch
	X							54 36	Control Unit Power Supply B+
			X	X				54 36	DME Control Unit Power Supply via Main Relay
							X	54 36	Boost Pressure Sensor
	X							55 37	Ignition , Cylinder #1 & #4
			X					55 37	Ignition, Final Stage
							X	56 38	Internal Control Unit Fault
				X				57 39	Ignition Timing Intervention (Signal from EGS)
							X	58 3A	Disturbance of the High-level Stage
							X	59 3B	Deviation of the Boost Pressure
			X	X				62 3E	Signal, Electronic Engine Power Control (EML)
					X			62 3E	Ignition Signal Information
	X							63 3F	Transmission Road Signal (in P or N)
			X					63 3F	Torque Converter Lockup Clutch
					X			63 3F	Knock Sensor Fault - Cylinder #4, 5 and 6
	X	X						64 40	Ignition Timing Intervention (Signal from EGS)
			X					64 40	Engagement in the Ignition Control Circuit

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					X			64 40	Knock Sensor Fault - Cylinder #1, 2 and 3
			X					65 41	Air Conditioner Compressor
			X	X				66 42	Burglar Alarm System Signal (DWA)
			X					67 43	Knock Sensor, Cylinder #4
			X					68 44	Knock Sensor, Cylinder #3
					X			68 44	Air-Flow Sensor (Hot Film)
			X					69 45	Knock Sensor, Cylinder #2
				X				69 45	Knock Sensor 2
	X	X						70 46	Oxygen Sensor
			X					70 46	Knock Sensor, Cylinder #1
				X				70 46	Knock Sensor 1
	X	X						73 49	Vehicle Speed Sensor Signal
			X	X				73 49	Throttle Valve Potentiometer
					X			75 4B	Voltage at the Lambda Sensor
	X	X	X					76 4C	Idle CO Potentiometer
	X	X	X	X				77 4D	Air Intake Temperature Sensor
					X			77 4D	Throttle Potentiometer
	X	X	X	X				78 4E	Engine Coolant Temperature Sensor

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					X			79 4F	Camshaft Angle Pulse Generator
					X			81 51	Engine Coolant Temperature Sensor
	X		X	X				82 52	Engine Drag Torque Control Intervention (MSR)
	X		X	X				83 53	Automatic Stability Control Intervention (ASC)
					X			84 54	Camshaft Angle Pulse Generator
	X	X						85 55	Air Conditioning Compressor
			X					85 55	Air Conditioning Compressor Relay
					X			85 55	Air Intake Temperature Sensor
					X			97 61	Tank Ventilation Valve
					X			98 62	Idle Speed Controller
					X			99 63	Lambda Control
X								100 64	DME Control Unit Final Stage
	X	X						100 64	This code pinpointed elsewhere
			X					100 64	Output Amplifier Stage - Group 1
				X				100 64	Output Stage - Group 1
					X			100 64	Contrl Unit Fault
			X					101 65	Output Amplifier Stage - Group 2
				X				101 65	Output Stage - Group 2

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	X	X						153 99	Control Voltage of Knock Control
	X							200 C8	Control Unit (RAM, ROM/EPROM)
			X					200 C8	DME Control Unit
				X				200 C8	DME Control Unit (RAM, ROM/EPROM)
	X	X		X				201 C9	Oxygen Sennsor Control
			X					201 C9	Oxygen Sennsor Control #1
			X	X				202 CA	Fault Memory in Control Unit
			X					203 CB	Oxygen Sennsor Control #2
			X	X				204 CC	Idle Speed Increase during MSR Operation
			X					205 CD	Transmission Intervention during Gear shifts (EGS only)
			X					206 CE	Knock Regulation
				X				206 CE	Knock Control Test Pulse
			X					210 D2	CAN Interface, Trans. Intervention Version DME
	X	X						255 FF	Control Unit Internal Fault