

aidilj worklog

Supported PIDs listed



Mode	PID	Data bytes returned	Description	Min value	Max value	Units	Formula
(hex)	(hex)						
1	0	4	PIDs supported [01 – 20]				Bit encoded [A7..D0] == [PID \$01..PID \$20] See below.
1	1	4	Monitor status since DTCs cleared. (Includes malfunction indicator lamp (MIL) status and number of DTCs.)				Bit encoded. See below.
1	3	2	Fuel system status				Bit encoded. See below.
1	4	1	Calculated engine load value	0	100	%	A*100/255
1	5	1	Engine coolant temperature	-40	215	°C	A-40
1	6	1	Short term fuel % trim—Bank 1	-100 Subtracting Fuel (Rich Condition)	99.22 Adding Fuel (Lean Condition)	%	(A-128) * 100/128
1	7	1	Long term fuel % trim—Bank 1	-100 Subtracting Fuel (Rich Condition)	99.22 Adding Fuel (Lean Condition)	%	(A-128) * 100/128

1	8	1	Short term fuel % trim—Bank 2	-100 Subtracting Fuel (Rich Condition)	99.22 Adding Fuel (Lean Condition)	%	(A-128) * 100/128
1	9	1	Long term fuel % trim—Bank 2	-100 Subtracting Fuel (Rich Condition)	99.22 Adding Fuel (Lean Condition)	%	(A-128) * 100/128
1	0C	2	Engine RPM	0	16,383.75	rpm	((A*256)+B)/4
1	0D	1	Vehicle speed	0	255	km/h	A
1	0E	1	Timing advance	-64	63.5	° relative to #1 cylinder	A/2 – 64
1	0F	1	Intake air temperature	-40	215	°C	A-40
1	10	2	MAF air flow rate	0	655.35	grams/sec	((A*256)+B) / 100
1	11	1	Throttle position	0	100	%	A*100/255
1	12	1	Commanded secondary air status				Bit encoded. See below.
1	13	1	Oxygen sensors present				[A0..A3] == Bank 1, Sensors 1-4. [A4..A7] == Bank 2...
			Bank 1, Sensor 2:			Volts	A/200
1	15	2	Oxygen sensor voltage,	0	1.275	%	(B-128) * 100/128 (if B==\$FF, sensor is not used in trim calc)
			Short term fuel trim	-100(lean)	99.2(rich)		
			Bank 1, Sensor 3:			Volts	A/200
1	16	2	Oxygen sensor voltage,	0	1.275	%	(B-128) * 100/128 (if B==\$FF, sensor is not used in trim

							calc)
		Short term fuel trim	-100(lean)	99.2(rich)			
1	1C	1	OBD standards this vehicle conforms to				Bit encoded. See below.
1	20	4	PIDs supported [21 – 40]				Bit encoded [A7..D0] == [PID \$21..PID \$40]_ See below.
1	22	2	Fuel Rail Pressure (relative to manifold vacuum)	0	5177.265	kPa	$((A*256)+B) * 0.079$
O2S1_WR_lambda(1):				0	1.999	N/A	$((A*256)+B)/32,768$
1	34	4	Equivalence Ratio	-128	127.99	mA	$((C*256)+D)/256 - 128$
Current							
O2S5_WR_lambda(1):				0	2	N/A	$((A*256)+B)/32,768$
1	38	4	Equivalence Ratio	-128	128	mA	$((C*256)+D)/256 - 128$
Current							

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