Mode $06 data definitions for GM vehicles using CAN (GMLAN) diagnostic data link

OBD Monitor ID (OBDIMID)	Test ID (TID)	Units and Scaling ID (UASID)	Description	Range For Information ONLY. Source information is ISO-15031-5 document	Resolution For Information ONLY. Source information is ISO-15031-5 document
			Oxygen Sensor Monitor Bank 1 Sensor 1		
01	**81**	**1E**	Equivalence Ratio (Lambda) - Measured Actual	0.000 *to* 1.999 λ	0.0000305 λ / bit
01	**82**	**1E**	Equivalence Ratio (Lambda) - Commanded Set Point	0.000 *to* 1.999 λ	0.0000305 λ / bit
01	**83**	**2F**	Dynamic Response Performance (Normalized)	0.00 *to* 655.35 %	0.01 % / bit
01	**84**	**85**	Secondary Sensor Trim Correction of Primary Sensor	-0.999 *to* 0.999 counts	0.0000305 counts / bit
			Oxygen Sensor Monitor Bank 1 Sensor 2		
02	**01**	**0A**	Rich *to* Lean Sensor Threshold Voltage	0.0000 *to* 7.9900 V	0.122 mv / bit
02	**02**	**0A**	Lean *to* Rich Sensor Threshold Voltage	0.0000 *to* 7.9900 V	0.122 mv / bit
02	**07**	**0A**	Minimum Sensor Voltage Achieved	0.0000 *to* 7.9900 V	0.122 mv / bit
02	**08**	**0A**	Maximum Sensor Voltage Achieved	0.0000 *to* 7.9900 V	0.122 mv / bit
			Oxygen Sensor Monitor Bank 2 Sensor 1		
05	**81**	**1E**	Equivalence Ratio (Lambda) - Measured Actual	0.000 *to* 1.999 λ	0.0000305 λ / bit
05	**82**	**1E**	Equivalence Ratio (Lambda) - Commanded Set Point	0.000 *to* 1.999 λ	0.0000305 λ / bit
05	**83**	**2F**	Dynamic Response Performance (Normalized)	0.00 *to* 655.35 %	0.01 % / bit
05	**84**	**85**	Secondary Sensor Trim Correction of Primary Sensor	-0.999 *to* 0.999 counts	0.0000305 counts / bit
			Oxygen Sensor Monitor Bank 2 Sensor 2		
06	**01**	**0A**	Rich *to* Lean Sensor Threshold Voltage	0.0000 *to* 7.9900 V	0.122 mv / bit
06	**02**	**0A**	Lean *to* Rich Sensor Threshold Voltage	0.0000 *to* 7.9900 V	0.122 mv / bit
06	**07**	**0A**	Minimum Sensor Voltage Achieved	0.0000 *to* 7.9900 V	0.122 mv / bit

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06	**08**	**0A**	Maximum Sensor Voltage Achieved	0.0000 *to* 7.9900 V	0.122 mv / bit
			Catalyst Monitor		
21	**84**	**06**	Catalyst Test Bank 1	0.000 *to* 19.988 counts	0.000305 counts / bit
22	**84**	**06**	Catalyst Test bank 2	0.000 *to* 19.988 counts	0.000305 counts / bit
			EVAP Monitor (Cap Off)		
39	**80**	**81**	EVPD Weak Vacuum Test - Gross Leak	–32768 *to* +32767 counts	1 count / bit
			EVAP Monitor 0.020"	**EWMA** = Exponentially Weighted Moving Average **EONV** = Engine Off Natural Vacuum	
3C	**80**	**05**	EONV NV 0.020 Test - EWMA	0.000 *to* 1.999 counts	0.0000305 counts / bit
			Purge Flow Monitor		
3D	**88**	**84**	Purge Valve Flow Test - Stuck Open / Leak	–32.768 *to* +32.767 counts	0.001 count / bit
3D	**8C**	**81**	Canister Vent Valve Test - Stuck Closed / Restricted	–32768 *to* +32767 counts	1 count / bit
			Oxygen Sensor Heater Monitor Bank 1 Sensor 1		
41	**82**	**2F**	Heater Power (normalized)	0.00 *to* 655.35 %	0.01 % / bit
			Oxygen Sensor Heater Monitor Bank 1 Sensor 2		

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42	**81**	**14**	Sensor Element Impedance	0 *to* 65535 Ohms	1 Ohms / bit
			Oxygen Sensor Heater Monitor Bank 2 Sensor 1		
45	**82**	**2F**	Heater Power (normalized)	0.00 *to* 655.35 %	0.01 % / bit
			Oxygen Sensor Heater Monitor Bank 2 Sensor 2		
46	**81**	**14**	Sensor Element Impedance	0 *to* 65535 Ohms	1 Ohms / bit
			Fuel System Monitor Bank 1		
81	**80**	**AF**	Additive Fuel (Offset) Correction	–327.68 *to* +327.67 %	0.01 % / bit
81	**82**	**05**	Multiplicative Fuel (Slope) Correction	0.000 *to* 1.999 counts	0.0000305 counts / bit
			Fuel System Monitor Bank 2		
82	**80**	**AF**	Additive Fuel Offset Correction	–327.68 *to* +327.67 %	0.01 % / bit
82	**82**	**05**	Multiplicative Fuel Slope Correction	0.000 *to* 1.999 counts	0.0000305 counts / bit