

SAE J1979 Rev. APR2002 - PIDs Supported by Digimoto 5

<u>Code</u>	<u>Descr</u>
MSDTC	Monitor Status since DTCs cleared
DTCFRZF	DTC that caused required freeze frame data storage
FUELSYS1	Fuel System 1 status
FUELSYS2	Fuel System 2 status
LOAD_PCT	Calculated Load Value
ECT	Coolant Temperature
SHRTFT1	Short Term Fuel Trim - Bank 1
SHRTFT3	Short Term Fuel Trim - Bank 3
LONGFT1	Long Term Fuel Trim - Bank 1
LONGFT3	Long Term Fuel Trim - Bank 3
SHRTFT2	Short Term Fuel Trim - Bank 2
SHRTFT4	Short Term Fuel Trim - Bank 4
LONGFT2	Long Term Fuel Trim - Bank 2
LONGFT4	Long Term Fuel Trim - Bank 4
FRP	Fuel Rail Pressure (gauge)
MAP	Intake Manifold Absolute Pressure
RPM	Engine RPM
VSS	Vehicle Speed Sensor
SPARKADV	Ignition Timing Advance for #1 Cylinder
IAT	Intake Air Temperature
MAF	MAF Air Flow Rate
TP	Absolute Throttle Position
AIR_STAT	Commanded Secondary Air Status
O2S11	O2 Sensor Bank 1 - Sensor 1 Voltage
SHRTFT11	O2 Sensor Bank 1 - Sensor 1 Short Term Fuel Trim
O2S12	O2 Sensor Bank 1 - Sensor 2 Voltage
SHRTFT12	O2 Sensor Bank 1 - Sensor 2 Short Term Fuel Trim
O2S13	O2 Sensor Bank 1 - Sensor 3 Voltage
SHRTFT13	O2 Sensor Bank 1 - Sensor 3 Short Term Fuel Trim
O2S14	O2 Sensor Bank 1 - Sensor 4 Voltage
SHRTFT14	O2 Sensor Bank 1 - Sensor 4 Short Term Fuel Trim
O2S21	O2 Sensor Bank 2 - Sensor 1 Voltage
SHRTFT21	O2 Sensor Bank 2 - Sensor 1 Short Term Fuel Trim
O2S22	O2 Sensor Bank 2 - Sensor 2 Voltage
SHRTFT22	O2 Sensor Bank 2 - Sensor 2 Short Term Fuel Trim
O2S23	O2 Sensor Bank 2 - Sensor 3 Voltage
SHRTFT23	O2 Sensor Bank 2 - Sensor 3 Short Term Fuel Trim
O2S24	O2 Sensor Bank 2 - Sensor 4 Voltage
SHRTFT24	O2 Sensor Bank 2 - Sensor 4 Short Term Fuel Trim
OBDSUP	OBd requirements to which vehicle is designed
PTO_STAT	Auxiliary Input Status, Power Take Off (PTO) Status
RUNTM	Time Since Engine Start
MIL_DIST	Distance Travelled while MIL is Activated
FRP	Fuel Rail Pressure relative to manifold vacuum
FRP	Fuel Rail Pressure
EQ_RAT11	O2 Sensor (Wide Range) Bank 1 - Sensor 1 Equivalence Ratio
OS211	O2 Sensor (Wide Range) Bank 1 - Sensor 1 Voltage
EQ_RAT12	O2 Sensor (Wide Range) Bank 1 - Sensor 2 Equivalence Ratio
OS212	O2 Sensor (Wide Range) Bank 1 - Sensor 2 Voltage
EQ_RAT13	O2 Sensor (Wide Range) Bank 1 - Sensor 3 Equivalence Ratio
OS213	O2 Sensor (Wide Range) Bank 1 - Sensor 3 Voltage
EQ_RAT14	O2 Sensor (Wide Range) Bank 1 - Sensor 4 Equivalence Ratio
OS214	O2 Sensor (Wide Range) Bank 1 - Sensor 4 Voltage
EQ_RAT21	O2 Sensor (Wide Range) Bank 2 - Sensor 1 Equivalence Ratio

OS221	O2 Sensor (Wide Range) Bank 2 - Sensor 1 Voltage
EQ_RAT22	O2 Sensor (Wide Range) Bank 2 - Sensor 2 Equivalence Ratio
OS222	O2 Sensor (Wide Range) Bank 2 - Sensor 2 Voltage
EQ_RAT23	O2 Sensor (Wide Range) Bank 2 - Sensor 3 Equivalence Ratio
OS223	O2 Sensor (Wide Range) Bank 2 - Sensor 3 Voltage
EQ_RAT24	O2 Sensor (Wide Range) Bank 2 - Sensor 4 Equivalence Ratio
OS224	O2 Sensor (Wide Range) Bank 2 - Sensor 4 Voltage
EGR_PCT	Commanded EGR
EGR_ERR	$EGR\ Error = (EGR\ actual - EGR\ commanded) / EGR\ commanded * 100\%$
EVAP_PCT	Commanded Evaporative Purge
FLI	Fuel Level Input
WARM_UPS	Number of warm-ups since diagnostic trouble codes cleared
CLR_DIST	Distance since diagnostic trouble codes cleared
EVAP_VP	Evaporative System Vapor Pressure
BARO	Barometric Pressure
EQ_RAT11	O2 Sensor (Wide Range) Bank 1 - Sensor 1 Equivalence Ratio
OS211	O2 Sensor (Wide Range) Bank 1 - Sensor 1 Current
EQ_RAT12	O2 Sensor (Wide Range) Bank 1 - Sensor 2 Equivalence Ratio
OS212	O2 Sensor (Wide Range) Bank 1 - Sensor 2 Current
EQ_RAT13	O2 Sensor (Wide Range) Bank 1 - Sensor 3 Equivalence Ratio
OS213	O2 Sensor (Wide Range) Bank 1 - Sensor 3 Current
EQ_RAT14	O2 Sensor (Wide Range) Bank 1 - Sensor 4 Equivalence Ratio
OS214	O2 Sensor (Wide Range) Bank 1 - Sensor 4 Current
EQ_RAT21	O2 Sensor (Wide Range) Bank 2 - Sensor 1 Equivalence Ratio
OS221	O2 Sensor (Wide Range) Bank 2 - Sensor 1 Current
EQ_RAT22	O2 Sensor (Wide Range) Bank 2 - Sensor 2 Equivalence Ratio
OS222	O2 Sensor (Wide Range) Bank 2 - Sensor 2 Current
EQ_RAT23	O2 Sensor (Wide Range) Bank 2 - Sensor 3 Equivalence Ratio
OS223	O2 Sensor (Wide Range) Bank 2 - Sensor 3 Current
EQ_RAT24	O2 Sensor (Wide Range) Bank 2 - Sensor 4 Equivalence Ratio
OS224	O2 Sensor (Wide Range) Bank 2 - Sensor 4 Current
CATEMP11	Catalyst Temperature Bank 1, Sensor 1
CATEMP21	Catalyst Temperature Bank 2, Sensor 1
CATEMP12	Catalyst Temperature Bank 1, Sensor 2
CATEMP22	Catalyst Temperature Bank 2, Sensor 2
MSTDC	Monitor Status this driving cycle
VPWR	Control module voltage
LOAD_ABS	Absolute Load Value
EQ_RAT	Commanded Equivalence Ratio
TP_R	Relative Throttle Position
ATT	Ambient air temperature
TP_B	Absolute Throttle Position B
TP_C	Absolute Throttle Position C
APP_D	Accelerator Pedal Position D
APP_E	Accelerator Pedal Position E
APP_F	Accelerator Pedal Position F
TAC_PCT	Commanded Throttle Actuator Control
MIL_TIME	Minutes run by the engine while MIL activated
CLR_TIME	Minutes since diagnostic trouble codes cleared