

<b>PID Abbreviation</b>	<b>Full Name</b>
DTC_CNT	DTC Stored Number
DTCFRZF	DTC Freeze Frame
FUELSYS1	Fuel System 1 Status
FUELSYS2	Fuel System 2 Status
LOAD_PCT (%)	Calculated Load Value
ECT(°F)	Engine Coolant Temperature
ECT(°C)	Engine Coolant Temperature
SHRTFT1 (%)	Short Term Fuel Trim-Bank1
SHRTFT3 (%)	Short Term Fuel Trim-Bank3
LONGFT1 (%)	Long Term Fuel Trim-Bank1
LONGFT3 (%)	Long Term Fuel Trim-Bank3
SHRTFT2 (%)	Short Term Fuel Trim-Bank2
SHRTFT4 (%)	Short Term Fuel Trim-Bank4
LONGFT2 (%)	Long Term Fuel Trim-Bank2
LONGFT4 (%)	Long Term Fuel Trim-Bank4
FRP(kPa)	Fuel Rail Pressure(gauge)
FRP(psi)	Fuel Rail Pressure(gauge)
MAP(kPa)	Intake Manifold Absolute Pressure
MAP(inHg)	Intake Manifold Absolute Pressure
RPM(/min)	Engine RPM

AIR_STAT	Commanded Secondary Air Status
O2SLOC	Location of O2 Sensors
O2B1S1(V)	O2 Sensor Output Voltage(B1S1)
SHRTFTB1S1 (%)	Short Term Fuel Trim(B1S1)
O2B1S2 (V)	O2 Sensor Output Voltage(B1S2)
SHRTFTB1S2 (%)	Short Term Fuel Trim(B1S2)
O2B1S3(V)	O2 Sensor Output Voltage(B1S3)
SHRTFTB1S3 (%)	Short Term Fuel Trim(B1S3)
O2B1S4(V)	O2 Sensor Output Voltage(B1S4)
SHRTFTB1S4 (%)	Short Term Fuel Trim(B1S4)
O2B2S1(V)	O2 Sensor Output Voltage(B2S1)
SHRTFTB2S1 (%)	Short Term Fuel Trim(B2S1)
O2B2S2(V)	O2 Sensor Output Voltage(B2S2)
SHRTFTB2S2 (%)	Short Term Fuel Trim(B2S2)
O2B2S3(V)	O2 Sensor Output Voltage(B2S3)
SHRTFTB2S3 (%)	Short Term Fuel Trim(B2S3)
O2B2S4(V)	O2 Sensor Output Voltage(B2S4)
SHRTFTB2S4 (%)	Short Term Fuel Trim(B2S4)
O2B1S1(V)	O2 Sensor Output Voltage(B2S1)
SHRTFTB1S1 (%)	Short Term Fuel Trim(B2S1)

SHRTFTB1S1 (%)	Short Term Fuel Trim(B2S1)
O2B1S2(V)	O2 Sensor Output Voltage(B1S2)
SHRTFTB1S2 (%)	Short Term Fuel Trim(B1S2)
O2B2S1(V)	O2 Sensor Output Voltage(B2S1)
SHRTFTB2S1 (%)	Short Term Fuel Trim(B2S1)
O2B2S2(V)	O2 Sensor Output Voltage(B2S2)
SHRTFTB2S2 (%)	Short Term Fuel Trim(B2S2)
O2B3S1(V)	O2 Sensor Output Voltage(B3S1)
SHRTFTB3S1 (%)	Short Term Fuel Trim(B3S1)
O2B3S2 (V)	O2 Sensor Output Voltage(B3S2)
SHRTFTB3S2 (%)	Short Term Fuel Trim(B3S2)
O2B4S1(V)	O2 Sensor Output Voltage(B4S1)

VSS(km/h)	Vehicle Speed Sensor
VSS(mph)	Vehicle Speed Sensor
SPARKADV(\x82)	Ignition Timing Advance for #1
IAT(°F)	Intake Air Temperature
IAT(°C)	Intake Air Temperature
MAF(g/s)	Mass Air Flow Sensor
MAF(lb/min)	Mass Air Flow Sensor
TP (%)	Absolute Throttle Position

SHRTFTB4S1 (%)	Short Term Fuel Trim(B4S1)
O2B4S2(V)	O2 Sensor Output Voltage(B4S2)
SHRTFTB4S2 (%)	Short Term Fuel Trim(B4S2)
OBDSUP	OBD Require To Which Vehicle Designed
O2SLOC	Location of O2 Sensors
RUNTM(sec)	Time Since Engine Start
MIL_DIST(km)	Distance Travelled While MIL Activated
MIL_DIST(mile)	Distance Travelled While MIL Activated
FRP(kPa)	Fuel Rail Pres. Relative To Manifold Vacuum
FRP(PSI)	Fuel Rail Pres. Relative To Manifold Vacuum
FRP(kPa)	Fuel Rail Pressure
FRP(PSI)	Fuel Rail Pressure
EQ_RATB1S1	Equivalence Ratio(wide range O2S)(B1S1)
O2B1S1(V)	O2 Sensor Voltage(wide range O2S)(B1S1)
EQ_RATB1S2	Equivalence Ratio(wide range O2S)(B1S2)
O2B1S2(V)	O2 Sensor Voltage(wide range O2S)(B1S2)
EQ_RATB1S3	Equivalence Ratio(wide range O2S)(B1S3)
O2B1S3(V)	O2 Sensor Voltage(wide range O2S)(B1S3)
EQ_RATB1S4	Equivalence Ratio(wide range O2S)(B1S4)
O2B1S4(V)	O2 Sensor Voltage(wide range O2S)(B1S4)

O2B1S3(V)	O2 Sensor Voltage(wide range O2S)(B1S3)
EQ_RATB1S4	Equivalence Ratio(wide range O2S)(B1S4)
O2B1S4(V)	O2 Sensor Voltage(wide range O2S)(B1S4)
EQ_RATB2S1	Equivalence Ratio(wide range O2S)(B2S1)
O2B2S1(V)	O2 Sensor Voltage(wide range O2S)(B2S1)
EQ_RATB2S2	Equivalence Ratio(wide range O2S)(B2S2)
O2B2S2(V)	O2 Sensor Voltage(wide range O2S)(B2S2)
EQ_RATB2S3	Equivalence Ratio(wide range O2S)(B2S3)
O2B2S3(V)	O2 Sensor Voltage(wide range O2S)(B2S3)
EQ_RATB2S4	Equivalence Ratio(wide range O2S)(B2S4)
O2B2S4(V)	O2 Sensor Voltage(wide range O2S)(B2S4)
EQ_RATB1S1	Equivalence Ratio(wide range O2S)(B2S1)
O2B1S1(V)	O2 Sensor Voltage(wide range O2S)(B2S1)
EQ_RATB1S2	Equivalence Ratio(wide range O2S)(B1S2)

O2B1S2(V)	O2 Sensor Voltage(wide range O2S)(B1S2)
EQ_RATB2S1	Equivalence Ratio(wide range O2S)(B2S1)
O2B2S1(V)	O2 Sensor Voltage(wide range O2S)(B2S1)
EQ_RATB2S2	Equivalence Ratio(wide range O2S)(B2S2)
O2B2S2(V)	O2 Sensor Voltage(wide range O2S)(B2S2)
EQ_RATB3S1	Equivalence Ratio(wide range O2S)(B3S1)
O2B3S1(V)	O2 Sensor Voltage(wide range O2S)(B3S1)
EQ_RATB3S2	Equivalence Ratio(wide range O2S)(B3S2)
O2B3S2(V)	O2 Sensor Voltage(wide range O2S)(B3S2)
EQ_RATB4S1	Equivalence Ratio(wide range O2S)(B4S1)
O2B4S1(V)	O2 Sensor Voltage(wide range O2S)(B4S1)
EQ_RATB4S2	Equivalence Ratio(wide range O2S)(B4S2)
O2B4S2(V)	O2 Sensor Voltage(wide range O2S)(B4S2)
EGR_PTC (%)	Commanded EGR
EGR_ERR (%)	EGR Error
EVAP_PCT (%)	Commanded Evaporative Purge
FLI (%)	Fuel Level Input
WARM_UPS	Number of Warm-ups Since DTC Cleared
CLR_DIST (km)	Distance Since DTC Cleared
CLR_DIST (mile)	Distance Since DTC Cleared

CLR_DIST (mile)	Distance Since DTC Cleared
EVAP_VP (Pa)	Evap System Vapor Pressure
EVAP_VP (inH2O)	Evap System Vapor Pressure
BARO (kPa)	Barometric Pressure
BARO (inHg)	Barometric Pressure
EQ_RAT11	Equivalence Ratio(wide range O2S)(B1S1)
O2S11 (mA)	O2 Sensor Current(wide range O2S)(B1S1)
EQ_RAT12	Equivalence Ratio(wide range O2S)(B1S2)
O2S12 (mA)	O2 Sensor Current(wide range O2S)(B1S2)
EQ_RAT13	Equivalence Ratio(wide range O2S)(B1S3)
O2S13 (mA)	O2 Sensor Current(wide range O2S)(B1S3)
EQ_RAT14	Equivalence Ratio(wide range O2S)(B1S4)



O2S14 (mA)	O2 Sensor Current(wide range O2S)(B1S4)
EQ_RAT21	Equivalence Ratio(wide range O2S)(B2S1)
O2S21 (mA)	O2 Sensor Current(wide range O2S)(B2S1)
EQ_RAT22	Equivalence Ratio(wide range O2S)(B2S2)
O2S22 (mA)	O2 Sensor Current(wide range O2S)(B2S2)
EQ_RAT23	Equivalence Ratio(wide range O2S)(B2S3)
O2S23 (mA)	O2 Sensor Current(wide range O2S)(B2S3)
EQ_RAT24	Equivalence Ratio(wide range O2S)(B2S4)
O2S24 (mA)	O2 Sensor Current(wide range O2S)(B2S4)
EQ_RAT11	Equivalence Ratio(wide range O2S)(B2S1)
O2S11(mA)	O2 Sensor Current(wide range O2S)(B2S1)
EQ_RAT12	Equivalence Ratio(wide range O2S)(B1S2)
O2S12(mA)	O2 Sensor Current(wide range O2S)(B1S2)
EQ_RAT21	Equivalence Ratio(wide range O2S)(B2S1)
O2S21(mA)	O2 Sensor Current(wide range O2S)(B2S1)
EQ_RAT22	Equivalence Ratio(wide range O2S)(B2S2)
O2S22(mA)	O2 Sensor Current(wide range O2S)(B2S2)
EQ_RAT31	Equivalence Ratio(wide range O2S)(B3S1)
O2S31(mA)	O2 Sensor Current(wide range O2S)(B3S1)
EQ_RAT32	Equivalence Ratio(wide range O2S)(B3S2)

O2S32(mA)	O2 Sensor Current(wide range O2S)(B3S2)
EQ_RAT41	Equivalence Ratio(wide range O2S)(B4S1)
O2S41(mA)	O2 Sensor Current(wide range O2S)(B4S1)
EQ_RAT42	Equivalence Ratio(wide range O2S)(B4S2)
O2S42(mA)	O2 Sensor Current(wide range O2S)(B4S2)
CATEMP11(°F)	Catalyst Temperature Bank1Sensor1
CATEMP11 (°C)	Catalyst Temperature Bank1Sensor1
CATEMP21 (°F)	Catalyst Temperature Bank2Sensor1
CATEMP21 (°C)	Catalyst Temperature Bank2Sensor1
CATEMP12 (°F)	Catalyst Temperature Bank1Sensor2
CATEMP12 (°C)	Catalyst Temperature Bank1Sensor2

CATEMP22 (°F)	Catalyst Temperature Bank2Sensor2
CATEMP22 (°C)	Catalyst Temperature Bank2Sensor2
VPWR(V)	Control Module Voltage
LOAD_ABS (%)	Absolute Load Value
EQ_RAT	Commanded Equivalence Ratio
TP_R (%)	Relative Throttle Position
AAT(°F)	Ambient Air Temperature
AAT(°C)	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	Minute run by Engine While MIL activated
CLR_TIME	Time since Diagnostic Trouble Code Clear

OBDCOND	<b>OBD Monitoring Conditions Encountered Counts</b>	OBD Monitoring Conditions Encountered Counts displays number of times that the vehicle has been operated in the specified OBD monitoring conditions (general denominator).
IGNCNTR	<b>Ignition Counter</b>	Ignition Counter displays the count of number of times that the engine has been started.
CATCOMP1	<b>Catalyst Monitor Completion Counts Bank 1</b>	Catalyst Monitor Completion Counts Bank 1 displays number of times that all conditions necessary to detect a catalyst system bank 1 malfunction have been encountered (numerator).
CATCOND1	<b>Catalyst Monitor Conditions Encountered Counts Bank 1</b>	Catalyst Monitor Conditions Encountered Counts Bank 1 displays number of times that the vehicle has been operated in the specified catalyst monitoring conditions (denominator).

CATCOMP2	<b>Catalyst Monitor Completion Counts Bank 2</b>	Catalyst Monitor Completion Counts Bank 2 displays number of time that all conditions necessary to detect a catalyst system bank 2 malfunction have been encountered (numerator).
CATCOND2	<b>Catalyst Monitor Conditions Encountered Counts Bank 2</b>	Catalyst Monitor Conditions Encountered Counts Bank 2 displays number of times that the vehicle has been operated in the specified catalyst monitoring conditions (denominator).

O2SCOMP1	<b>O2 Sensor Monitor Completion Counts Bank 1</b>	O2 Sensor Monitor Completion Counts Bank 1 displays number of time that all conditions necessary to detect an oxygen sensor bank 1 malfunction have been encountered (numerator).
O2SCOND1	<b>O2 Sensor Monitor Conditions Encountered Counts Bank 1</b>	O2 Sensor Monitor Conditions Encountered Counts Bank 1 displays number of times that the vehicle has been operated in the specified oxygen sensor monitoring conditions (denominator).
O2SCOMP2	<b>O2 Sensor Monitor Completion Counts Bank 2</b>	O2 Sensor Monitor Completion Counts Bank 2 displays number of time that all conditions necessary to detect an oxygen sensor bank 2 malfunction have been encountered (numerator).

O2SCOND2	<b>O2 Sensor Monitor Conditions Encountered Counts Bank 2</b>	O2 Sensor Monitor Conditions Encountered Counts Bank 2 displays number of times that the vehicle has been operated in the specified oxygen sensor monitoring conditions (denominator).
EGRCOMP	<b>EGR Monitor Completion Condition Counts</b>	EGR Monitor Completion Condition Counts displays number of time that all conditions necessary to detect an EGR system malfunction have been encountered (numerator).
EGRCOND	<b>EGR Monitor Conditions Encountered Counts</b>	EGR Monitor Conditions Encountered Counts displays number of times that the vehicle has been operated in the specified EGR system monitoring conditions (denominator).

AIRCOMP	<b>AIR Monitor Completion Condition Counts (Secondary Air)</b>	AIR Monitor Completion Condition Counts (Secondary Air) displays number of time that all conditions necessary to detect an AIR system malfunction have been encountered (numerator).
AIRCOND	<b>AIR Monitor Conditions Encountered Counts (Secondary Air)</b>	AIR Monitor Conditions Encountered Counts (Secondary Air) displays number of times that the vehicle has been operated in the specified AIR system monitoring conditions (denominator).
EVAPCOMP	<b>EVAP Monitor Completion Condition Counts</b>	EVAP Monitor Completion Condition Counts displays number of time that all conditions necessary to detect a 0.020" EVAP system leak malfunction have been encountered (numerator).
EVAPCOND	<b>EVAP Monitor Conditions Encountered Counts</b>	EVAP Monitor Conditions Encountered Counts displays number of times that the vehicle has been operated in the specified EVAP system leak malfunction monitoring conditions (denominator).