

PID/DATA MONITOR AND RECORD [LF]

B3E010200102T05

- The PID/DATA monitor items are shown below.

PID/DATA monitor item table

:- Not applicable

Item	Definition	Unit/Condition	PCM terminal
AC_REQ	A/C request signal in PCM	On/Off	1AP
ACCS	A/C relay control signal in PCM	On/Off	1AN
ALTF	Generator field coil control signal in PCM	%	2AQ
ALTT V	Input voltage from generator	V	2AM
ARPMDES	Target engine speed	RPM	-
BARO	BARO	kPa Bar psi	1AG
	Input voltage from BARO sensor	V	
BOO	Input signal from brake switch	On/Off	1AU
CATT11_DSD	Estimated catalyst converter temperature	°C °F	-
CHRG LP	Generator warning light control signal in PCM	On/Off	-
COLP	Input signal from refrigerant pressure switch (medium-pressure)	On/Off	1R
CPP	Input signal from CPP switch	On/Off	1O
CPP/PNP	Input signal from neutral switch	Drive/Neutral	1S
DTCCNT	DTC count (includes those needing no action)	No unit	-
ECT	ECT	°C °F	2AK
	Input voltage from ECT sensor	V	
EQ_RAT_DSD	Lambda	No unit	-
EVAPCP	Purge solenoid valve control signal in PCM	%	2AN
FAN_DUTY	Variable fan duty cycle	%	1W
FP	Fuel pump relay control signal in PCM	On/Off	1AR
FUELPW	Fuel injection duration in PCM	ms	2AZ, 2BB, 2BC, 2BD
FUELSYS	Fuel system loop status	OL/CL/OL Drive/ OL Fault/CL Fault	-
GENVDSD	Target generator voltage	V	-
HTR11	Front HO2S heater control signal in PCM	On/Off	2G
HTR12	Rear HO2S heater control signal in PCM	On/Off	2C
IAC	Throttle actuator control signal in PCM	%	2E, 2F
IAT	IAT	°C °F	1AH
	Input voltage from IAT sensor	V	
IMRC	Intake manifold runner control	On/Off	2AI
IMTV	Intake manifold tuning valve	On/Off	2AJ
INGEAR	In gear	On/Off	1O, 1S
IVS	Idle validation	Idle/Off Idle	-
KNOCKR	Spark retard value to prevent knocking	°	2Q, 2R

LOAD	LOAD	%			-
LONGFT1	Long fuel trim	%			-
MAF	MAF	g/s			1AC
	Input voltage from MAF sensor	V			
MAP	MAP sensor	kPa	Bar	psi	2AL
		V			
MIL	MIL control signal in PCM	On/Off			-
MIL_DIS	Distance travelled while MIL is activated	km	mile		-
O2S11	Front HO2S output current	V			2AG
O2S12	Input voltage from rear HO2S	V			2AH
RFCFLAG	Readiness function code	Learnt	Not Learnt		-
RO2FT1	Target A/F feedback system status	No unit			2AH
RPM	Engine speed	RPM			2Y, 2Z
SEGRP	EGR valve stepping motor position	Step			2AR, 2AU, 2AV, 2AY
SEGRP_DSD	Desired EGR valve position	%			-
SHRTFT1	Short fuel trim	%			-
SHRTFT11	Target A/F fuel trim (front)	%			2AG
SHRTFT12	Target A/F fuel trim (rear)	%			2AH
SPARKADV	Spark advance in PCM	°			2U, 2V
test	Test mode	On/Off			-
TIRESIZE	Tire revolution per mile	No unit			-
TP	Input voltage from TP sensor	%			2I
	TP from TP sensor	V			
TP_REL	Relative TP	%			2I
TPCT	Minimum input voltage from TP sensor at throttle closing	V			2I
VPWR	PCM supply voltage	V			1A, 1BA, 1BD, 1BE
Vref	Reference voltage	V			1AE
VSS	Vehicle speed	KPH	MPH		1J