

PID/DATA MONITOR AND RECORD [ZJ, Z6]

B3E010200102T11

- The PID/DATA monitor items are shown below.

PID/DATA monitor item table

:- Not applicable

| Item | Definition | Unit/Condition | PCM terminal |
|------------|---|--|----------------|
| AC_REQ | Refrigerant pressure switch (low pressure switch, high pressure switch) | On/Off | 1Q |
| ACCS | A/C relay | On/Off | 1AL |
| ALTF | Generator field coil control duty value | % | 2AN |
| ALTT V | Generator output voltage | V | 2AR |
| ARPMDES | Target engine speed | RPM | - |
| BARO | Barometric pressure | kPa Bar psi V | 2S |
| BOO | Brake switch | On/Off | 1V |
| CATT11_DSD | Estimated catalytic converter temperature | °C °F | - |
| CHRG LP | Generator warning light | On/Off | - |
| COLP | Refrigerant pressure switch (medium pressure switch) | On/Off | 1U |
| CPP*1 | Clutch pedal position | On/Off | 1P |
| CPP/PNP*1 | Shift lever position | Drive/Neutral | 1AB |
| DTCCNT | Number of DTC detected | No unit | - |
| ECT | Engine coolant temperature | °C °F V | 2J |
| EQ_RAT_DSD | Theoretical air/fuel ratio coefficient to calculate target air/fuel ratio | No unit | - |
| EVAPCP | Purge solenoid valve duty value | % | 2AV |
| FAN_DUTY | Fan control duty value | % | - |
| FP | Fuel pump relay | On/Off | 1AC |
| FUELPW | Fuel injector duration | ms | 2B, 2C, 2D, 2H |
| FUELSYS | Fuel system status | OL/CL/ OL Drive/ OL Fault/ CL Fault | - |
| GENVDSD | Generator voltage desired | V | - |
| HTR11 | Front HO2S heater control | On/Off | 2AM |
| HTR12 | Rear HO2S heater control | On/Off | 2AT |
| IAC | IAC valve control | % | 2X, 2AB |
| IAT | Intake air temperature | °C °F V | 2AQ |
| IMRC | Variable tumble control | % On/Off | 2AF, 2AJ |
| | | % | |

| | | | |
|-----------|--|-------------------|----------------|
| IMTV*3 | Variable intake-air control | On/Off | 2AO, 2AS |
| INGEAR | Gears are engaged. | On/Off | *1P, 1AB |
| | | | *2_ |
| IVS | CTP condition | Idle/Off Idle | - |
| KNOCKR | Knocking retard | ° | 2BA |
| LOAD | Engine load | % | - |
| LONGFT1 | Long term fuel trim | % | - |
| MAF | Mass air flow | g/s | 2AU |
| | | V | |
| MIL | Malfunction indicator lamp | On/Off | - |
| MIL_DIS | Travelled distance since MIL illuminated | km mile | - |
| O2S11 | Front HO2S | V | 2AI |
| O2S12 | Rear HO2S | V | 2K |
| PCM_T | PCM temperature sensor | V | - |
| PCM_T_Max | Maximum PCM temperature | V | - |
| PSP | PSP switch | High/Low | 2AC |
| RFCFLAG | PCM adaptive memory produce verification | Learnt/Not Learnt | - |
| RO2FT1 | Rear oxygen sensor fuel trim | No unit | 2K |
| RPM | Engine speed | RPM | 2P |
| SEGRP | EGR control | Step | 2N, 2R, 2V, 2Z |
| SEGRP DSD | EGR valve position desired | % | - |
| SHRTFT1 | Short term fuel trim (front) | % | - |
| SHRTFT11 | Short term fuel trim (front) | % | 2AI |
| SHRTFT12 | Short term fuel trim (rear) | % | 2K |
| SPARKADV | Ignition timing | ° (BTDC) | 2BB |
| test | Test mode | On/Off | - |
| TIRESIZE | Tire revolution per mile | No unit | - |
| TP | TP | % | 2AA |
| | | V | |
| TP REL | Throttle position signal (relative value) | % | 2AA |
| TPCT | TP sensor voltage at CTP | V | 2AA |
| VPWR | Battery positive voltage | V | 1AX, 1BB, 1BF |
| | | | *21BG |
| Vref | Constant voltage | V | 2W |
| VSS | Vehicle speed | KPH MPH | *1_ |
| | | | *21AY |
| VT ACT1 | Actual valve timing | ° | 2AG, 2AK |
| VT DIFF1 | Difference between target valve timing and actual valve timing | ° | - |
| VT DUTY1 | OCV control | % | 2AG, 2AK |

*1 : MTX

*2 : ATX

*3 : Z6