

Parameter Identification (PID) Chart

Diagnostic PID Chart

PID Acronym	PID Name	Description
APP	APP sensor	APP
APP1	APP sensor 1	APP 1
AST	Time Since Start	Time (in seconds) since the vehicle was started
B+	Battery Positive Voltage	Battery positive voltage
BOO1	Brake Pedal Position	Brake pedal position
CLRDIST	Distance since DTC cleared	Distance driven since PCM DTCs were cleared
CLRWRMUP	Number Of Warm-ups Since Diagnostic Trouble Codes (DTCs) Cleared	Number of warm-ups since diagnostic trouble codes (DTCs) cleared counter
ECT TCM	ECT TCM	Engine coolant temperature data provided to the TCM
ETC_ACT	Electronic Throttle Control Actual	Electronic throttle control actual calculated by PCM
FTBRAKE	Foot Brake	Foot brake state used by PCM strategy
GEAR	Gear Commanded by Module	PCM Commanded transmission gear
GEAR_OSC#	Gear Commanded by Output State Control	Output state control commanded gear
HRSH_SHIFT#	Firm Shift	Output state control commanded firm shift
IN_GEAR	In Gear	Transmission is applying a load to engine
ISS_A_QF	Transmission Intermediate Shaft Speed Sensor -A- Quality Factor	Transmission intermediate shaft speed sensor -A- quality factor
ISS_A_RAW	Intermediate Speed -A- Raw	Intermediate speed -A- raw
ISS_B_RAW	Intermediate Shaft Speed -B- Raw	Intermediate shaft speed -B- raw
ISS_B_QF	Transmission Intermediate Shaft Speed Sensor -B- Quality Factor	Transmission intermediate shaft speed sensor -B- quality factor
LINEDSD#	Line Pressure Control Desired	Commanded line pressure
LOAD	Engine Load	Engine load calculated by PCM
LPC	Line Pressure Control	LPC
LPC_AMP#	Line Pressure Control Measured Current	LPC Measured current
LPC_F	Line Pressure Control Status	Fault status for the LPC solenoid
MIL_DIS	The distance travelled since the (MIL) was activated	The distance travelled since the MIL was activated
OSS_F	Transmission Output Shaft Speed Sensor Status	Fault status for the OSS sensor
OSS_QF	Transmission Output Shaft Speed Sensor Quality Factor	OSS sensor quality factor
OSS_RAW	Output Shaft Speed - Raw	Actual speed of the OSS sensor (rpm)
PWRT_FUNCMON_A	Powertrain Secondary Monitor/Performance Fault A	Powertrain secondary monitor/performance fault A
PWRT_FUNCMON_B	Powertrain Secondary Monitor/Performance Fault B	Powertrain secondary monitor/performance fault B
REALTIME	Total time (ECU) has been active	ECU time running

RPM	Engine Revolutions Per Minute	Engine rpm input
SHFT_DROP	Shift RPM Drop in Input Shaft Speed Below Expected	Shift rpm drop in input shaft speed below expected
SHFT_FLRE	Shift RPM Rise in Input Shaft Speed Above Expected	Shift rpm rise in input shaft speed above expected
SHFT_ID	Shift Identification of Shift (PID)s Lag, Time, Flare and Drop	Shift identification of shift PIDs lag, time, flare and drop
SHFT_LAG	Shift Time Elapsed From 10% to 90% of Complete	Actual time during shift between 10% and 90% complete
SHFT_TIME	Shift Time Elapsed From Commanded to 10% Complete	Shift time 0% to 10% complete
SHFT_TYP	Shift Type	Shift type
SNOWPLW_CFG	Snowplow as configured in the PCM	Snowplow as configured in the PCM
SOFTWARE_ID	ECU Software Identifier	Software currently installed in the ECU
SSPCA	Shift Solenoid Pressure Control A	Commanded pressure for the shift solenoid pressure control A (SSPCA)/CB1234
SSA_AMP #	Shift Solenoid Pressure Control A	Commanded current for the shift solenoid pressure control A (SSPCA)/CB1234
SSPCA_F	(SSPCA) Status	Fault status for the shift solenoid pressure control A (SSPCA)/CB1234
SSPCB	Shift Solenoid Pressure Control B	Commanded pressure for the shift solenoid pressure control B (SSPCB)/C35R
SSB_AMP#	Shift Solenoid Pressure Control B	Commanded current for the shift solenoid pressure control B (SSPCB)/C35R
SSPCB_F	(SSPCB) Status	Fault status for the shift solenoid pressure control B (SSPCB)/C35R
SSPCC	Shift Solenoid Pressure Control C	Commanded pressure for the shift solenoid pressure control C (SSPCC)/CB26
SSC_AMP#	Shift Solenoid Pressure Control C	Commanded current for the shift solenoid pressure control C (SSPCC)/CB26
SSPCC_F	(SSPCC) Status	Fault status for the shift solenoid pressure control C (SSPCC)/CB26
SSPCD	Shift Solenoid Pressure Control D	Commanded pressure for the shift solenoid pressure control D (SSPCD)/CBLR, C456
SSD_AMP#	Shift Solenoid Pressure Control D	Commanded current for the shift solenoid pressure control D (SSPCD)/CBLR, C456
SSPCD_F	(SSPCD) Status	Fault status for the shift solenoid pressure control D (SSPCD)/CBLR, C456
SSPCE	Shift Solenoid Pressure Control E	Commanded pressure for the shift solenoid pressure control E (SSPCE)/CBLR, C456
SSE_AMP#	Shift Solenoid Pressure Control E	Commanded current for the shift solenoid pressure control E (SSPCE)/CBLR, C456
SSPCE_F	(SSPCE) Status	Fault status for the shift solenoid pressure control E (SSPCE)/CBLR, C456
SSPCF	Shift Solenoid Pressure Control F	Commanded pressure for the shift solenoid pressure control F (SSPCF)/CB28
SSF_AMP#	Shift Solenoid Pressure Control F	Commanded current for the shift solenoid pressure control F (SSPCF)/CB28
SSPCF_F	(SSPCF) Status	Fault status for the shift solenoid pressure control F (SSPCF)/CB28
SST_D	SelectShift _{â} Transmission - Down Switch Input	SelectShift _{â} transmission-down switch input
SST_U	SelectShift _{â} Transmission - Up Switch Input	SelectShift _{â} transmission-up switch input
TCC_AMP	Converter Pressure Control	Commanded current for the TCC
TC_SLIPACT	Torque Converter Slip Actual	Actual difference between engine speed and turbine speed, measured in rpm

TC_SLIPDSD	Torque Converter Slip Desired	PCM Commanded difference between engine speed and turbine speed, measured in rpm
TCC	Torque Converter Clutch Solenoid	Commanded pressure for the TCC
TCC_F	Torque Converter Clutch Pressure Control Fault	Fault status for the TCC
TCC_OSC	Output State Control of Torque Converter	Output state control commanded pressure to the TCC
TCC_RAT	Torque Slip Ratio	Actual speed ratio of torque converter (1.0 = fully engaged)
TCS_DEPRES	Transmission Control Switch Pressed	TCS Status
TCS_STATE	Transmission Control Switch Requested State	TCS Status
TFT	Transmission Fluid Temperature	TFT
TFT_F	Transmission Fluid Temperature Status	Fault status for TFT sensor
TFT_QF	Transmission Fluid Temperature Sensor Quality Factor	Transmission fluid temperature sensor quality factor
TFTV	Transmission Fluid Temperature	TFT Voltage
TR	Transmission Range	TR
TR_B_DC	Transmission Range Sensor Input B Duty Cycle	Transmission range sensor input B duty cycle
TR_B_FREQ	Transmission Range Sensor Input B Frequency	Transmission range sensor input B frequency
TR_CRANK	Transmission Range Input Allowing Engine Start	TR
TR_DC	Transmission Range Duty Cycle	Transmission range duty cycle
TR_F	Transmission Range Status	Fault status for TR sensor
TR_FREQ	Transmission Range Frequency	Transmission range frequency
TR_PARK_STAT	Transmission Park Position Sensor Status	Transmission park position sensor status
TR_PAWL_NOTPARK	Transmission Park Pawl	Transmission park pawl control has not been moved to the park position since it was last in the manual park override position.
TR_QF	Transmission Range Quality Factor	TR sensor quality factor
TRAN_RAT	Gear Ratio Measured	Actual transmission gear ratio
TRANS_CLT_STAT	Transmission Clutch Engagement Status	Transmission clutch engagement status including neutral idle status
TRANS_VOLT_A	Transmission Supply Voltage Control State	Transmission supply voltage
TRANS_VOLT_B	Actuator Supply Voltage -B- Control State	Actuator supply voltage
TRO_N_F	Neutral Output Status	Transmission neutral output status
TRO_P_F	Park Output Status	Transmission park output status
TSS_F	Turbine Shaft Speed Status	Fault status of the TSS sensor (rpm)
TSS_QF	Turbine Shaft Speed Sensor Quality Factor	Turbine shaft speed sensor quality factor
TSS_RAW	Unfiltered Turbine Shaft Speed	Actual speed of the TSS sensor (rpm)
VPWR	Module supply voltage	Module supply voltage
VSOUT_F	Vehicle Speed Output Status	Fault status for the VSS
VSS	Vehicle Speed	Vehicle speed
VREF	Reference Voltage	Reference voltage

