

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
CLRDIST	Distance since DTC cleared	Distance driven since PCM DTCs were cleared
ECT TCM	ECT TCM	Engine coolant temperature data provided to the TCM
ENGLOAD	Engine Load	Engine load calculated by PCM
ETC_ACT	Electronic Throttle Control Actual	Electronic Throttle Control Actual calculated by PCM
FOOT_BRAKE	Foot Brake - Foot brake state used by strategy	Foot brake state used by strategy calculated by PCM
GEAR_CMD	Gear Commanded by Module	PCM commanded transmission gear
GEAR_ENGAGED	Transmission Gear Engaged	Transmission Gear Engaged
GEAR_OSC#	Gear Commanded by Output State Control	Output state control commanded gear
ISS_A_QF	Transmission Input Shaft Speed Sensor -A- Quality Factor	Transmission Input 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 Input Shaft Speed Sensor -B- Quality Factor	Transmission Input Shaft Speed Sensor -B- Quality Factor
LINEDSD#	Line Pressure Control Desired	Commanded line pressure
MIL_DIS	The distance travelled since the (MIL) was activated	The distance travelled since the MIL was activated
OSS_QF	Transmission Output Shaft Speed Sensor Quality Factor	Fault status for the OSS sensor
OSS_RAW	Output Shaft Speed - Raw	Actual speed of the OSS sensor (rpm)
PCA	Pressure Control Solenoid A	LPC
PCA AMP#	Pressure Control Solenoid A	LPC
PCA_F	Pressure Control Solenoid A Status	LPC
PWRT_FUNCMON_A	Powertrain Secondary Monitor/ Performance Fault A	Powertrain Secondary Monitor/ Performance Fault A
PWRT_FUNCMON_B	Powertrain Secondary Monitor/ Performance Fault A	Powertrain Secondary Monitor/ Performance Fault A
REALTIME	Total time (ECU) has been active	ECU Time running
RPM_TCM	Engine Revolutions Per Minute	Engine rpm input to TCM
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
SNOWPLW_CFG	Snowplow as configured in the (PCM).	Snowplow as configured in the (PCM).
SS_ABS_TC_IN	(Stop-Start) Antilock Brake And Traction Control Summary	(Stop-Start) Antilock Brake And Traction Control Summary

SS_CONTROL_STATE	(Stop-Start) Main Control State Machine	(Stop-Start) Main Control State Machine
SS_CTRL_CRANK_CMD	(Stop-Start) Main Control Crank Command And Hardware Feedback	(Stop-Start) Main Control Crank Command And Hardware Feedback
SS_HUMAN_INPUT	(Stop-Start) Monitor Human Input Summary Including Accelerator, Brake, Clutch, Shift Input, Or Cruise Control	(Stop-Start) Monitor Human Input Summary Including Accelerator, Brake, Clutch, Shift Input, Or Cruise Control
SS_MON_STATE_TIMER	(Stop-Start) Monitor State Machine Transition Timer	(Stop-Start) Monitor State Machine Transition Timer
SS_MONITOR_STATE	(Stop-Start) Monitor State Machine	(Stop-Start) Monitor State Machine
SS_SHIFTER_IN	(Stop-Start) Shift Lever Position Input	(Stop-Start) Vehicle Speed and Powertrain Shaft Speeds Summary
SS_SPEED_INPUT	(Stop-Start) Vehicle Speed and Powertrain Shaft Speeds Summary	(Stop-Start) Vehicle Speed and Powertrain Shaft Speeds Summary
SS_STRTR_HEAT	(Start-Stop) Starter Motor Heat State	(Start-Stop) Starter Motor Heat State
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
SST_D	SelectShift™ Transmission - Down Switch Input	SelectShift™ transmission-down switch input
SST_U	SelectShift™ Transmission - Up Switch Input	SelectShift™ 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
TFTV	Transmission Fluid Temperature	TFT voltage
TR	Transmission Range	TR
TR_CRANK	Transmission Range Input Allowing Engine Start	TR
TR_F	Transmission Range Status	Fault status for TR sensor
TRAN_RAT	Gear Ratio Measured	Actual transmission gear ratio
TRANS_VOLT_A	Transmission Supply Voltage Control State	Transmission 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 Reliable	Fault status of the TSS sensor (rpm)
TSS_SRC	Unfiltered Turbine Shaft Speed	Actual speed of the TSS sensor (rpm)
VPWR_PCM	Module supply voltage	PCM supply voltage
VSS	Vehicle Speed	Vehicle Speed

VSS_HR	Vehicle Speed High Resolution	Vehicle Speed High Resolution
WARMUPS	Number Of Warm-ups Since (DTCs) Cleared	Number Of Warm-ups Since (DTCs) Cleared counter

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