

## OBD II Pro Plus

### Enhanced GM Engine Module List

[Sensors](#) [Commands](#)

#### Supported Systems

4 WAL	4WAL 3 Sensor	ABS/DRP/TCS
Air Suspension	Amplifier	Amplifier (Bose)
Amplifier (Delco)	Anti-Lock Brake System	Auto Disconnect
Auto HVAC	Body Control Module	CD Changer
CVRTD	Cellular Telephone	Chime
Classic Radio	Climate Control Panel	Cruise Control
DIM	DRP/ABS/TCS	DRP/ABS/TCS/TIM
DRP/ABS/TCS/VSES	Dash Integration Module	Delco/Bosch ABS/TCS
Digital Radio Receiver	Door Module	Driver Door Module
Driver Door Switch	Driver Information Center	Driver Position Module
Driver Seat Module	ESC	EVO
Electric Power Steering	Electronic Brake Control Module	Electronic Suspension Control
End Gate Module	Folding Top Module	Generator Battery Control Module
HVAC	HVAC Control Manual	Head Up Display
Headlamp Display	Heads Up Display	Heated Seat Module
Heating And Air Conditioning	Heating and Air Conditioning	Immobilizer
Instrument Panel Cluster	Instrument Panel Module	Integrated Navigation Radio
Integrated Radio Chassis	Left Door Control Module	Left Power Sliding Door Module
Left Rear Door Module	Lift Gate Module	Magna Steer
Memory Mirror Module	Memory Seat Module	Multifunction Alarm Module
Navigation Radio	OnStar	OnStar (VS-3B)
Onstar	Park Assist Module	Passenger Door Module
Passenger Door Switch	Passenger Seat Module	Passlock
Power Roof Module	Power Steering Control Module	Powertrain
Powertrain Interface Module	RTD	RTD/EVO

Radio	Rear Aux. Climate Module	Rear Door Module
Rear HVAC	Rear Heated Seat Module	Rear Heating And Air Conditioning
Rear Integration Module	Rear Seat Audio	Rear Seat Entertainment
Rear Seat Module	Rear Wheel Steering	Remote Control Door Lock Receiver
Remote Function Actuation	Right Door Control Module	Right Power Sliding Door Module
Right Rear Door Module	Roof And Door Module	Roof And Door Module
SDM	Seat Control Module	Steering Column Lock Module
Supplemental Inflatable Restraint	TV Antenna Module	TV Antennae
Theft Deterrent Module	Tilt Telescope Module	Tire Pressure Monitor
Traction Assist	Up-Level Radio	VES
VSES	Vehicle Communication Deterrent	Vehicle Communication Interface Module
Vehicle Immobilizer Module	Vehicle Theft Deterrent	Transmission

### Engine Sensors

1-2 Shift Time	1-2 Shift Time Error	1-2 Solenoid
18x Crank Sensor	2-3 Shift Time	2-3 Shift Time Error
2-3 Solenoid	24x Crank Sensor	3-4 Shift Time
3-4 Shift Time Error	3x Crank Sensor	4x Reference Pulse Counter
5 Volt Reference 1	5 Volt Reference 2	5 Volt Reference 3
A/C Clutch	A/C EVAP Temperature	A/C High Side Pressure
A/C High Side Pressure - Volts	A/C High Side Temperature	A/C Low Side Temperature
A/C Off for WOT	A/C Pressure Disable	A/C Relay
A/C Relay Circuit Status	A/C Relay Command	A/C Request
A/C Status	Abuse Management	Accelerator Pedal Position Angle
Accelerator Pedal Position Average	Accelerator Pedal Position Indicated Angle	Accelerator Pedal Position Sensor 1
Accelerator Pedal Position Sensor 1 - Volts	Accelerator Pedal Position Sensor 2	Accelerator Pedal Position Sensor 2 - Volts
Accelerator Pedal Position	Accelerator Pedal Position	Active AWD Mode

Sensor 3	Sensor 3 - Volts	
Actual EGR	Actual EGR Position	Actual Fuel Rail Pressure
Actual Injection Pump Timing	Adaptive Knock Retard	Air Flow
Air Flow Calculated	Air Fuel Ratio	Air Indicated Pressure
Air Pressure Sensor	Air Pump Relay Circuit Status	Air Pump Relay Command
Air Pump System Diag. Time	Air Pump System Time Lean	Air Pump System Time Rich
Air Solenoid Circuit Status	Air Solenoid Command	Alternative Fuel Level
Alternative Fuel Mileage Log	Alternative Fuel Run Time Log	ATC Application
ATC Calibration Part Number	ATC EEPROM	ATC Hardware Part Number
ATC Julian Date	ATC Part Number	ATC Slip Speed
ATC Software Level	ATC Software Part Number	Auto Learn Timer
Avg. Air Flow Sen. 2 HO2S	Balancing Rate Cycle 1	Balancing Rate Cycle 2
Balancing Rate Cycle 3	Balancing Rate Cycle 4	Balancing Rate Cycle 5
Balancing Rate Cycle 6	Balancing Rate Cycle 7	Balancing Rate Cycle 8
Balancing Rate Cylinder 1	Balancing Rate Cylinder 2	Balancing Rate Cylinder 3
Balancing Rate Cylinder 4	Balancing Rate Cylinder 5	Balancing Rate Cylinder 6
Balancing Rate Cylinder 7	Balancing Rate Cylinder 8	Barometric Pressure
Barometric Pressure - Volts	Base PWM Cylinder 1	Base PWM Cylinder 2
Base PWM Cylinder 3	Base PWM Cylinder 4	Battery Voltage
Boost Duty Cycle	Boost Pressure Sensor	Boost Solenoid Command
Brake Booster Vacuum	Brake Switch	Calculated A/C Load
Calculated Air Flow	Calculated Converter Temperature	Calculated ECT
Calculated ECT Closed Loop Fuel Control	Calculated ECT Performance	Calculated ECT Thermostat Diagnosis
Calculated Fuel Rate	CAM Phased Angle Actual	CAM Phased Angle Desired
CAM Phased Angle Variance	CAM Reference Signal Missed	CAM Signal Input-High
CAM Signal Input-Low	Camshaft Phase Solenoid DC	CAN Purge Driver High
CAN Purge Driver Low	Catalyst EWMA Samples	Catalyst Misfire Timer

Catalyst Test Fail Threshold	Catalyst Test Time Difference EWMA	CKP Active Counter
CKP Engine Speed	CKP Low Resolution Angle	CKP Sensor
CKP Sensor Pulses Missed	CMP Active Counter	CMP Resync Counter
CMP Retard	CMP Sensor	CMP Sensor - High to Low
CMP Sensor - Low to High	CMP Sensor Signal Present	Cold Startup
Commanded A/C	Commanded EGR	Commanded EGR - Volts
Commanded Fan	Commanded Fuel Pump	Commanded Gear
Commanded GEN	Consecutive CNG Starts	Converter Test Sample
Coolant Fan Relay Cmd.	Cooling Fan Command	Crank Learned
Crank Reference Missed	Crank Request Signal	Crankshaft Position Sensor A
Crankshaft Position Sensor B	Cruise	Cruise Clutch Command
Cruise Control Active	Cruise Delta	Cruise Direction Commanded
Cruise In Release State	Cruise Inhibit Reason	Cruise Inhibit Signal Circuit Status
Cruise Inhibit Signal Command	Cruise Mode Signal	Cruise Release Clutch/TCC Pedal Switches
Cruise Resume/Accel	Cruise Set Speed	Cruise Set/Coast
Cruise Switch	Cruise Switch Voltage	Current Gear
Current IAC Memory	Current Octane Level	Current Slip Adapts
Current Tap Cell	Current Tap Memory	Cycles of Misfire Data
Cylinder 1 Injector Circuit History	Cylinder 1 Injector Circuit Status	Cylinder 1 Knock Retard
Cylinder 2 Injector Circuit History	Cylinder 2 Injector Circuit Status	Cylinder 2 Knock Retard
Cylinder 3 Injector Circuit History	Cylinder 3 Injector Circuit Status	Cylinder 3 Knock Retard
Cylinder 4 Injector Circuit History	Cylinder 4 Injector Circuit Status	Cylinder 4 Knock Retard
Cylinder 5 Injector Circuit History	Cylinder 5 Injector Circuit Status	Cylinder 5 Knock Retard
Cylinder 6 Injector Circuit History	Cylinder 6 Injector Circuit Status	Cylinder 6 Knock Retard
Cylinder 7 Knock Retard	Cylinder 8 Knock Retard	Cylinder Air
Cylinder Air Flow Per TDC	Cylinder Mode Misfire 1	Decel Fuel Cutoff
Decel Fuel Mode	Delivered Torque	Desired Cylinder Air

Desired Cylinder Air Flow Per TDC	Desired EGR	Desired EGR Position
Desired EGR Position - Volts	Desired Exhaust CMP Bank 1	Desired Exhaust CMP Bank 2
Desired Fan Speed	Desired FRP Regulator	Desired Fuel Rail Pressure
Desired Gas Mass Flow	Desired HO2S 1	Desired HO2S Bank 1 Sensor 1
Desired HO2S Bank 2 Sensor 1	Desired IAC	Desired IAC Air Flow
Desired IAC Position	Desired Idle	Desired Idle Speed
Desired Ignition Spark Efficiency	Desired Injection Pump	Desired Int CMP Bank 1
Desired Int CMP Bank 2	Desired TC Vane Position	Desired TC Vane Position Control
Desired Torque	Desired Torque ABS/TCS	Distance Since Code Cleared
Driver Demanded Engine Torque	Driver Module 1 Status	Driver Module 2 Status
Driver Module 3 Status	Driver Module 4 Status	DTC Set This Ignition
EC Ignition Relay Feedback Signal	ECL	ECT at Misfire
EGR Adaptive Learn Matrix Cell	EGR Closed Pintle Position	EGR Closed Valve Pintle
EGR CV Fail Pending	EGR Decel Test Filter	EGR Decel Threshold
EGR Delta MAP Calculated	EGR Duty Cycle	EGR Feedback
EGR Flow Test Count	EGR Learned Minimum Position	EGR Pintle Position
EGR Position - Actual	EGR Position - Command	EGR Position Error
EGR Position Sensor	EGR Position Sensor - Volts	EGR Position Variance
EGR Pressure Sensor	EGR Sensor - Closed	EGR Sensor - Volts
EGR Solenoid - Low Volts	EGR Solenoid Command	EGR Vacuum Sensor
Encoder Return Voltage	Encoder Supply Voltage	Engine Coolant Temperature
Engine Coolant Temperature - Volts	Engine Load	Engine Off Time
Engine Oil Level	Engine Oil Life	Engine Oil Life Remaining
Engine Oil Life Reset	Engine Oil Pressure Sensor	Engine Oil Pressure Sensor - Volts

Engine Oil Pressure Switch	Engine Oil Temperature	Engine Run Time
Engine Speed	Engine Speed at Misfire	Engine Torque
ESC Pass Counter	EVAP Canister Purge	EVAP Canister Vent Valve
EVAP Duty Cycle	EVAP Fault History	EVAP Large Leak
EVAP Purge Solenoid	EVAP Purge Solenoid Circuit Status	EVAP Purge Solenoid Command
EVAP Purge Solenoid DC	EVAP Purge Solenoid Driver	EVAP Purge Valve Leak
EVAP System Small Leak	EVAP Tank Vacuum Decay	EVAP Tank Vacuum Filtered
EVAP Tank Vacuum Slope	EVAP Tank Vapor Pressure	EVAP Test Abort Reason
EVAP Test Result	EVAP Test State	EVAP Vacuum Switch
EVAP Vent Blockage	EVAP Vent Solenoid	EVAP Vent Solenoid Circuit Status
EVAP Vent Solenoid Command	EVAP Vent Solenoid Driver	EVO Duty Cycle
EVO Feedback	Excess Vacuum Test	Exhaust CMP Angle Bank 1
Exhaust CMP Angle Bank 1 Variance	Exhaust CMP Angle Bank 2	Exhaust CMP Angle Bank 2 Variance
Fail Counter	Fan 1	Fan 2
Fan Speed	FC Relay 1	FC Relay 1 Circuit Status
FC Relay 1 Command	FC Relay 2 and 3	FC Relay 2 and 3 Circuit Status
FC Relay 2 and 3 Command	FP Speed Control Feedback Signal	FP Voltage Feedback
Front Propshaft Speed	FRP Regulator Command	FRP Regulator Fuel Flow Command
Fuel Alcohol Content	Fuel Composition Sensor	Fuel Composition Sensor On Time
Fuel Control PWM Signal Command	Fuel Cutoff	Fuel Gauge Control
Fuel Level	Fuel Level Sensor	Fuel Level Sensor - Volts
Fuel Level Sensor Left Tank - Volts	Fuel Level Sensor Rear Tank - Volts	Fuel Level Sensor Right Tank - Volts
Fuel Level To Cluster	Fuel Pressure Sensor	Fuel Pressure Sensor - Volts
Fuel Pump Relay	Fuel Pump Relay Circuit History Status	Fuel Pump Relay Command
Fuel Pump Relay Feedback	Fuel Pump Signal Command	Fuel Rail Pressure Sensor

Fuel Rail Pressure Sensor - Volts	Fuel Rail Temperature Sensor	Fuel Rail Temperature Sensor - Volts
Fuel Rate	Fuel Tank Level Remaining	Fuel Tank Level Remaining - Percent
Fuel Tank Pressure	Fuel Tank Pressure - Volts	Fuel Tank Rated Capacity
Fuel Tank Vapor Pressure Slope	Fuel Temperature	Fuel Temperature - Volts
Fuel Trim Cell	Fuel Trim Cell Bank 1	Fuel Trim Cell Bank 2
Fuel Trim Index	Fuel Trim Learn	Gas Mass Sensor
Gasoline Fuel Mileage Log	Gasoline Fuel Run Time Log	Gear Commanded
Gear Ratio	Gear Selected	GEN F-Terminal Signal
GEN L-Terminal Signal	GEN L-Terminal Signal Command	Generator F-Terminal
Generator PWM	Glow Plug	Glow Plug Feedback Signal
GM Part Number	High Resolution	High Spark Modifier
HO2S 1	HO2S 1 Heater Command	HO2S 1 Heater Current
HO2S 2	HO2S 2 Heater Command	HO2S 2 Heater Current
HO2S Average Bias Volts Sensor 2	HO2S Bank 1 Sensor 1	HO2S Bank 1 Sensor 2
HO2S Bank 1 Sensor 3	HO2S Bank 2 Sensor 1	HO2S Bank 2 Sensor 2
HO2S Heated Amps	HO2S Heater Bank 1 Sensor 1	HO2S Heater Bank 1 Sensor 1 Command
HO2S Heater Bank 1 Sensor 2	HO2S Heater Bank 1 Sensor 2 Command	HO2S Heater Bank 2 Sensor 1
HO2S Heater Bank 2 Sensor 1 Command	HO2S Heater Bank 2 Sensor 2	HO2S Heater Bank 2 Sensor 2 Command
HO2S Sensing Element Bank 1 Sensor 1	HO2S Sensing Element Bank 1 Sensor 2	HO2S Sensing Element Bank 2 Sensor 1
HO2S Sensing Element Bank 2 Sensor 2	HO2S Sensing Element Sensor 1	HO2S Sensing Element Sensor 2
HO2S Sensor 1	HO2S Sensor 2	HO2S Stored Amps
HO2S Warm-Up Bank 1 Sensor 1	HO2S Warm-Up Bank 1 Sensor 2	HO2S Warm-Up Bank 1 Sensor 3
HO2S Warm-Up Bank 2 Sensor 1	HO2S Warm-Up Sensor 1	HO2S Warm-Up Sensor 2
HO2S XCounts	HO2S XCounts Bank 1	HO2S XCounts Bank 2
Hot Mode	Hot Open Loop	IAC Position
IAC Position w/o A/C	IAC Position with A/C	IC Mode

Idle Fuel Control PWM Signal Command	Ignition 0 - Volts	Ignition 1 - Volts
Ignition 3 - Volts	Ignition Bypass Mode	Ignition Cycle Counter
Ignition Cycles Since Last Current DTC	Ignition Mode	Ignition Off Time
Ignition Spark Efficiency	Ignition Voltage	Injection Pump CAM Ref. Missed
Injection Pump Solenoid Closure	Injection Pump Timing Signal	Injection PWM Average Bank 1
Injection PWM Average Bank 2	Injector 1 Command	Injector 2 Command
Injector 3 Command	Injector 4 Command	Injector 5 Command
Injector 6 Command	Injector 7 Command	Injector 8 Command
Injector Fault	Injector Pulse Width	Injector PWM
Injector PWM Bank 1	Injector PWM Bank 1 Average	Injector PWM Bank 2
Injector PWM Bank 2 Average	Instant FT Bank 1	Instant FT Bank 2
Intake Air Heater - Volts	Intake Air Temperature	Intake Air Temperature - Volts
Intake Air Temperature Sensor 1	Intake Air Temperature Sensor 2	Intake CMP Angle Bank 1
Intake CMP Angle Bank 1 Variance	Intake CMP Angle Bank 2	Intake CMP Angle Bank 2 Variance
Integral Fuel Trim Bank 1	Integral Fuel Trim Bank 2	Knock Retard
Knock Sensor	Knock Sensor 1	Knock Sensor 1 Signal
Knock Sensor 2	Knock Sensor 2 Signal	Knock Sensor Active Counter
Knock Sensor Activity	Knock Sensor Adjust Factor	Knock Sensor Min. Learned Noise
Knock Sensor Noise	Knock Sensor Noise Channel	L/R Switch Bank 1 Sensor 1
L/R Switch Bank 1 Sensor 2	L/R Switch Bank 2 Sensor 1	L/R Transition Bank 1 Sensor 1
L/R Transition Bank 1 Sensor 2	L/R Transition Bank 2 Sensor 3	Last Adaptive PWM
Last Output Speed Range Shift	Latest Shift	Lean/Rich Average Time
Lean/Rich Transition	Learned IAC	Lift Pump

Load at Misfire	Long Term Fuel Trim	Long Term Fuel Trim - Count
Long Term Fuel Trim Accel. - Count	Long Term Fuel Trim Average	Long Term Fuel Trim Average Bank 1
Long Term Fuel Trim Average Bank 2	Long Term Fuel Trim Bank 1	Long Term Fuel Trim Bank 1 - Count
Long Term Fuel Trim Bank 2	Long Term Fuel Trim Bank 2 - Count	Long Term Fuel Trim Bank 2 Idle/Decel
Long Term Fuel Trim Cruise	Long Term Fuel Trim Decel	Long Term Fuel Trim High RPM/Load B1
Long Term Fuel Trim Idle	Long Term Fuel Trim Idle/Decel	Long Term Fuel Trim Low RPM/Load B1
Long Term Fuel Trim Low RPM/Load B2	Loop Status	Loss of Match Counter
Low Coolant Level	Low Octane Spark Module	Low Oil Lamp
Low Oil Lamp Circuit Status	Low Resolution Reference Pulses	Low Resolution Signal
Low Spark Modifier	M/T Clutch Disengaged	MAF
MAF Frequency	MAF Sensor	MAF Sensor - Volts
Main Injection Command	Main Injection Fuel Rate	Main Injection Timing
Mainifold Air Pressure	Mainifold Air Pressure - Volts	Malfunction Indicator Lamp
Malfunction Indicator Lamp Circuit Status	Malfunction Indicator Lamp Command	Mass Air Flow Sensor
Med. Resolution Engine	Med. Resolution Reference Pulses	Med. Resolution Resync Counter
Mid Spark Modifier	Mileage Since DTC Cleared	Mileage Since First Failure
Mileage Since Last Failure	Misfire Current Cylinder 1	Misfire Current Cylinder 2
Misfire Current Cylinder 3	Misfire Current Cylinder 4	Misfire Current Cylinder 5
Misfire Current Cylinder 6	Misfire Current Cylinder 7	Misfire Current Cylinder 8
Misfire Cycle Delay Counter	Misfire Enabled	Misfire History Cylinder 1
Misfire History Cylinder 2	Misfire History Cylinder 3	Misfire History Cylinder 4
Misfire History Cylinder 5	Misfire History Cylinder 6	Misfire History Cylinder 7
Misfire History Cylinder 8	Misfire Per Cycle Status	Mixture Control Solenoid Command
Mode Switch Return Voltage	Motor A Current	Motor B Current
Next Output Speed Downshift	Next Output Speed Upshift	No. of Catalyst Mon. Test Completed

Non-Driven Wheel Speed	Non-Volatile Memory	Not Run Counter
Number of DTCs	Number of Failed Emissions	O2 Heater Current
O2 Sensor 1	O2 Sensor Transition Time Ratio	Octane Level
Odometer	Outside Air Temperature	Park/Neutral Switch
Pass Counter	PC Solenoid A Actual Current	PC Solenoid A Duty Cycle
PC Solenoid A Reference Current	PC Solenoid Actual Current	PC Solenoid B Actual Current
PC Solenoid B Duty Cycle	PC Solenoid B Reference Current	PC Solenoid Duty Cycle
PC Solenoid Ref. Current	PCM Reset	PCM/VCM in VTD Fail Enable
Pilot Injection Command	Pilot Injection Fuel Rate	Pilot Injection Timing
PNP	Power Enrichment	Previous Gear
Purge Fuel Trim Accelerator	Purge Fuel Trim Cruise	Purge Fuel Trim Decel
Purge Fuel Trim Idle	Purge Leak Test	Purge Learned Memory
R/L Switch Bank 1 Sensor 1	R/L Switch Bank 1 Sensor 2	R/L Switch Bank 2 Sensor 1
R/L Transition Bank 1 Sensor 1	R/L Transition Bank 1 Sensor 2	R/L Transition Bank 2 Sensor 1
Rear Propshaft Speed	Reference Voltage 1 Signal	Reference Voltage 2 Signal
Reference Voltage High	Reference Voltage Low	Reference Volts Low
Requested Torque	Rich/Lean Average Time	Rich/Lean Bank 1
Rich/Lean Bank 2	Rich/Lean to Lean/Rich	Rich/Lean Transition
Rough Road Sensor	SC Inlet Pressure	SC Inlet Pressure Sensor
Seed and Key Timer	Service Spark Retard	Shift Request Information
Short Term Fuel Trim	Short Term Fuel Trim - Count	Short Term Fuel Trim Avg. Bank 1
Short Term Fuel Trim Avg. Bank 2	Short Term Fuel Trim Average	Short Term Fuel Trim Bank 1
Short Term Fuel Trim Bank 1 - Count	Short Term Fuel Trim Bank 2	Short Term Fuel Trim Bank 2 - Count
Slip Adapt PWM	Small Leak Test	Software ID
Spark	Speed Ratio	Start Up ECT
Start Up IAT	Starter Enable Relay Circuit Status	Starter Relay Command
Steering Assist Sol. DC	Stepper Cruise Motor	Stoplamp Pedal Switch

		Signal
TAC Motor Command	TAC System Learned Counts	TC Vane Learned Closed Position
TC Vane Learned Open Position	TC Vane Position Control	TC Vane Position Sensor
TCC Brake Pedal Switch	TCC Brake Switch	TCC Duty Cycle
TCC Enable Sol.	TCC Enable Solenoid Command	TCC Engaged
TCC PWM Solenoid Command	TCC Slip Speed	TCC Solenoid
TDC Offset	TFP Switch	Throttle Position Angle
Throttle Position Angle - Volts	Throttle Position Desired Angle	Throttle Position Indicated Angle
Throttle Position Normalized	Throttle Position Sensor	Throttle Position Sensor - Volts
Throttle Position Sensor 1	Throttle Position Sensor 1 - Volts	Throttle Position Sensor 1 Angle
Throttle Position Sensor 1 Learned Minimum	Throttle Position Sensor 2	Throttle Position Sensor 2 - Volts
Throttle Position Sensor 2 Angle	Throttle Position Sensor 2 Learned Minimum	Torque Delivered Signal
Torque Management Duty Cycle	Torque Request Signal	Torque Requested
Total Fuel Trim Average	Total Fuel Trim Average Bank 2	Total Misfire Count
Total Misfire Current Count	Total Misfire Failures Since First Failure	Total Misfire Passes Since First Failure
Total Normals Misfire	Total Slippage	TR Switch
TR Switch A	TR Switch B	TR Switch C
TR Switch P	Traction Control	Traction Control Desire
Traction Control Desired	Traction Control Torque	Transmission Fluid Temperature
Transmission Fluid Temperature - Volts	Transmission ISS	Transmission Oil Life
Transmission OSS	Transmission Range	Turbine Speed
TWC Monitor Average Deviation	TWC Monitor Test Count	TWC Protection
TWC Temperature Calculated	TWC Temperature Calculated Bank 2	Vacuum Calculated

Vehicle Speed	Volumetric Efficiency	VTD Auto Learn Timer
VTD Fuel Disable	VTD Fuel Disable Until Ignition Off	Warm-ups w/o Emission Faults
Warm-ups w/o Non-Emission Faults	Wastegate Solenoid	Weak Vacuum Test

### Body Sensors

5 Volt Fault	5 Volts Reference	8 Digit GM Part Number
A/C Button	A/C Clutch Actual	A/C Clutch Desire
A/C Clutch Mode	A/C Commanded	A/C Defrost Solenoid
A/C Evap Temperature Sensor	A/C Heater Door Actual	A/C Heater Door Commanded
A/C Off Switch	A/C Possible	A/C Pressure
A/C Request	A/C Requested	A/C Sensor
A/C Slow Leak Fail	ABS Inop Lamp	ABS Lamp
AC LED On	Accelerator Pedal Position	Accessory
Accessory 1	Accessory Inflator	Accum Fault - Compressor
Accum Fault - Exhaust	Actual A/I Door Position	Actual Air Mode
Actual Dr. Mix Door Position	Actual HTR/DEF/AC Door Position	Actual Left Mix Door Position
Actual Passenger Mix Door Position	Actual Right Mix Door Position	ADS A/D
ADSF A/D Input	Air Bag Lamp	Air Down Solenoid
Air Inlet Door Actual	Air Inlet Door Commanded	Air Inlet Door Max
Air Inlet Door Min	Air Inlet Door Range	Air Mix Door Actual
Air Mix Door Commanded	Air Mix Door Left Commanded	Air Mix Door Right Commanded
Air Temperature Switch Position	AIR Up Solenoid	ALC Compressor Active
ALC Exhaust Solenoid Active	ALC Headlamp Relay	ALC Light Sensor
ALC Parklamp Relay	Alternator 'L' Terminal	AM Distant Stop Level
AM Lamp	AM Local Stop Level	AM Pass A Stop Level in dB
AM Pass B Stop Level in dB	AM Signal Strength	Ambient Air Temperature
Ambient Air Temperature Sensor	Ambient Light	Ambient Light Sensor

Amplifier (U85 only)	Analog Dim	Analog EVO Handwheel
Antenna Enable	Antenna Signal	Antilock Brake
Antilock Lamp	ATC Application	ATC EEPROM
Auto Button	Auto Learn Counter	Auto Learn Timer
Auto Learn Timer Status	Auto Switch	Auto-Learn Timer
Aux. Blower Motor PWM Speed	Aux. Blower Motor Speed	Aux. Blower Motor Speed Command
Aux. Inside Air Temperature	Aux. Lower Outlet Temperature	Aux. Lower Outlet Temperature - Counts
Aux. Mix Door Actual	Aux. Mix Door Commanded	Aux. Mix Door Max Position
Aux. Mix Door Min Position	Aux. Mode Door Actual	Aux. Mode Door Commanded
Aux. Mode Door Max Position	Aux. Mode Door Min Position	Aux. Temp Dr. Motor Command
Aux. Temp Dr. Position	Aux. Temp. Dr. Motor Command	Aux. Temp. Dr. Position
Aux. Upper Outlet Temperature	Aux. Upper Outlet Temperature - Counts	Auxiliary Chime
Auxiliary Lighting	AUXINF A/D Input	Average Fuel Economy
Average Roof Speed	Average Speed	Aware Output
Backlight Dimming	Backup Light Request	Balance
Balance Control	Band Number	Base Model Part Number
Bass	Bass Control	Bat Save Active in Past
Battery 1	Battery 1 (Low Current)	Battery 1 Volts
Battery 2	Battery 2 (High Current)	Battery Current
Battery Lamp	Battery Low - Compressor	Battery Power 2
Battery Power 3	Battery Reconnect	Battery Temperature
Battery Voltage	Battery Voltage 1	Battery Voltage 2
Battery Voltage Sense	Battery Voltage Signal	Battery Voltage Signal 1
Battery Voltage Signal 2	Battery Voltage Unswitched	Battery Volts
BFC Option Configuration Number	Blower Motor PWM Speed	Blower Motor Speed
Blower Motor Speed Command	Blower Speed	Blower Speed Decrease Switch
Blower Speed Inc. Switch	Blower Speed Increase Switch	Blower Switch Position
Boost	Boot S/W Part No.	Boot S/W Part Number

Boot S/W Suffix	BPP Sensor	BPPS Learned Home Position
Brake Fluid Level	Brake Fluid Level Switch	Brake Fluid Switch
Brake Lamp	Brake Pedal Position Sensor	Brake Switch
Brake to Shift Input	Brake to Shift Lamp Output	Brake to Shift Output
Brake to Shift Relay	Brake Warning Lamp	Brake Warning Lamp
Brake: Class 2 Input	Brake: Hardwire Input	Broadcast Code
BTSI Output	Build Sequence Number	Cal. Module 1 Part Number
Cal. Module 1 Suffix	Cal. Module 2 Part Number	Cal. Module 2 Suffix
Calculated Adjustable Pedals Position	Calibration ID	Calibration Level
Calibration Module 1 Part No.	Calibration Module 1 Suffix	Calibration Module 2 Part No.
Calibration Module 2 Suffix	Calibration Part Number	Calibration Rev. Level
Calibration Version	Calibration/Platform ID	Cargo Lamp On
Cargo Lamp Switch	Carline A	Carline B
Cassette Cut Tape	Cassette Deck H.W. Level	Cassette Deck S.W. Level
Cassette Inserted	Cassette Lamp	Cassette Load/Unload Error
Cassette Metal	Cassette Side	Cassette Tight Tape
Catalyst Converter TT.	CD Changer	CD Changer Disc Number
CD Changer H.W. Level	CD Changer S.W. Level	CD Changer Track Number
CD Changer Tracking Errors	CD Deck H.W. Level	CD Deck Hardware Level
CD Deck S.W. Level	CD Deck Software Level	CD Focus Errors
CD H.W. Level	CD Inserted	CD Lamp
CD Load/Unload Errors	CD Tracking Errors	CD Type
CDX Software Version	Change Oil Lamp	Channel Number
Check Engine Lamp State	Check Gages Lamp	Check Gauge: Low Fuel
Check Gauge: Low Oil PSI	Check Gauge: Temperature Gauge	Check Gauge: Volt Gauge
Chime	Chime Cycle	Chime Duration
Chime Mode	Chime Volume	Cigar Lighter Relay
Circuit Board Day	Circuit Board Month	Circuit Board Year
Class 2 Disable	Class 2 source ID of IRC	Clean Battery
Clean Battery Fault	Cluster Manufacture Day	Cluster Manufacture Month
Cluster Manufacture Year	Cluster Manufacture Date	Cluster Part Number

Cluster State	Clutch Voltage	Column After Mtr Stop
Column Feedback	Column Feedback Signal	Column Forward Mtr Stop
Column Lock/Unlock A	Column Lock/Unlock B	Column Position Feedback
Com. Dr. Mix Door Position	Com. Passenger Mix Door Position	Commanded A/I Door Position
Commanded Blower	Commanded HTR/DEF/AC Door Position	Commanded Mix1 Door Position
Commanded Mix2 Door Position	Component ID	Component Serial No. 1-
Component Serial No. 10	Component Serial No. 11	Component Serial No. 12
Component Serial No. 13	Component Serial No. 17	Component Serial No. 5
Component Serial No. 6-	Component Serial No. 8-	Component Serial Number
Component Serial Number 13	Component Serial Number Digit 1	Component Serial Number Digit 2
Component Serial Number Digit 3	Component Serial Number Digit 4	Console Switch Illumination
Consule Mode Door Actual	Consule Mode Door Commanded	Control Head Desired
Control Power	Controlled Power	Controller Part Number
Cooland Gauge Position	Coolant Hot Lamp	Coolant Level Input
Coolant Temperature	Courtesy Ground	Courtesy Lamp Duty Cycle
Courtesy Lamp Output	Courtesy Lamp PWM Cmd.	Courtesy Lamp Relay
Courtesy Lamp Timer	Courtesy Switch	Crank
Crank Voltage	Cruise Control Set Speed	Cruise Lamp
Cur Frt Vert Mtr Pos Sensor Value	Cur Hrз Mtr Pos Sensor Value	Cur RVert Mtr Pos Sensor Value
Curr Horz Lumbar Mtr Pos Sensor Val	Curr Vert Lumbar Mtr Pos Sensor Val	Current
Current Front Vertical Down/Up Motor Sensor Value	Current Head Restraint Down/Up Motor Sensor Value	Current Horizontal Aft/Forward Motor Sensor Value
Current Lumbar Aft/Forward Motor Sensor Value	Current Lumbar Down/Up Motor Sensor Value	Current PI - LSB
Current PI - MSB	Current Rear Vertical Down/Up Motor Sensor Value	Current Rec Mtr Pos Sensor Value
Current Recline Aft/Forward Motor Sensor Value	Current Sensor Fault	D.R.L Output

D.R.L. Output	Daily Serial Number	Day
Daytime Running Lamp	Default Telescope Exit Position	Default Tilt Exit Position
Defog Relay Voltage	Defrost Door Actual	Defrost Door Commanded
Defrost Motor Drive	Defrost Switch	De-Ice
De-Ice Switch	De-Ics Switch	Delay Accessory Bus
Delay Accessory Bus Output	Delay Interior Output	Delayed Illumination
Delco Part Number	Desired Blower Motor Speed	DIC Mode Button
DIC Reset Button	DIC Select Button	DIC Switch 1
DIC Switch 2	DIC Switch 3	DIC Switch 4
DIC Switch 5	Digital Radio Antenna	Dimming Control
Dimming Input	Dimming Level	Dimming Level Requested
Dimming Pot A/D	Dimming Potentiometer	Dimming Potentiometer Reference
Dimming Switch	Dirty Battery	Dirty Battery Fault
Discrete Battery Input	Display Dimming	Display English/Metric Switch
Display Fuel Switch	Display Gauge Switch	Display Information Reset
Display Information Switch	Display Odometer Switch	Display Switch
Display Timer Switch	Display Trip Reset Switch	Displayed Battery Voltage
Displayed Coolant Temp	Displayed Engine Speed	Displayed Fuel Level
Displayed Odometer	Displayed Oil Pressure	Displayed Pack Volts
Displayed Personal Trip A Odometer Mileage	Displayed Power Use	Displayed Transmission Oil Temp
Displayed Trip B Odometer Mileage	Displayed Trip Odometer	Displayed Vehicle Speed
Division	Dome Lamp Switch	Dome Override Switch
Door Ajar	Door Ajar Lamp	Door Handle Switch
Door Jamb Switch	Door Key Cycle Unlock Switch	Door Key Cycle Unlock Swith
Door Key Cylinder Unlock Switch	Door Key Unlock	Door Lock Motor
Door Lock Output	Door Lock Relay	Door Lock Relay Feedback
Door Lock Switch	Door Move Counter	Door Switch Backlight Command
Door Switch Pad	Door Unlock	Door Unlock Motor

Illumination		
Door Unlock Output	Door Unlock Switch	Driver 1 Memorized Exit Position
Driver 1 Memorized Position	Driver 2 Memorized Exit Position	Driver 2 Memorized Position
Driver AC Duct Temperature	Driver Bag Energy Reserve	Driver Door Ajar Switch
Driver Door Jamb Switch	Driver Door Switch	Driver Door Unlock
Driver Door Unlock Feedback	Driver Door Unlock Relay	Driver DTM Required
Driver Frontal Loop	Driver Heater Duct Temperature	Driver Horizontal Sensor
Driver Mirror Horizontal Position	Driver Mirror Select Led	Driver Mirror Select Switch
Driver Mirror Vertical Position	Driver Mix Number	Driver Number
Driver Program Number	Driver Resistance	Driver Seat Belt A/D
Driver Seat Heat Sensor	Driver Seatbelt	Driver Senselo
Driver Set Temperature	Driver Side Bag High	Driver Side Belt Status
Driver Side Impact Sensor ID	Driver Solar	Driver Solar Sensor
Driver Sunload	Driver Temperature Dial	Driver Temperature Door Actual
Driver Temperature Door Cal. Range	Driver Temperature Door Commanded	Driver Temperature Door Motor Command
Driver Temperature Door Position	Driver Unlock Output	Driver VDIF
Driver Vertical Sensor	Driver Window Down Switch	Driver Window Motor
Driver Window Position	Driver Window Up Switch	Driver/Pass. Heated Seat Statue
DRL Ambient Light Sensor	DRL Lamp	DRL Relay
DRL Relay Feedback	Drvr. Seat Heat Sensor	DSBHF A/D Input
DTC Ignition Cycle Counter	DTC Since Last Ign	Dual Zone Pot
Dual Zone Switch	EEPROM Calibration ID	Elapsed Time - Hours
Elapsed Time - Minutes	Elapsed Time - Seconds	Electronic Front End Sensor 1 ID
Electronic Front End Sensor 2 ID	Electronics Battery Fd	Encoder Supply Voltage

End Model Part Number	Endgate Learned Window Fully Closed Position	Endgate Window Position - #1
Endgate Window Position - #2	Engine Coolant Temperature	Engine Oil Life Remaining
Engine Oil Pressure	Engine Oil Pressure Actual	Engine Oil Pressure Displayed
Engine Speed	Engine Speed Signal	English/Metric State
English/Metric Status	English/Metric Switch	Evaporator Inlet Temperature
Evaporator Temperature	Exit Front Vertical Value	Exit Horiz Lumbar Value
Exit Horizontal Lumbar Value	Exit Horizontal Value	Exit Pos1, Frt Mtr Pos Sensor Value
Exit Pos1, Hor Mtr Pos Sensor Value	Exit Pos1, Horz Lumbar Mtr Pos Sen Value	Exit Pos1, Rear Mtr Pos Sensor Value
Exit Pos1, Rec Mtr Pos Sensor Value	Exit Pos1, Vert Lumbar Mtr Pos Sen Value	Exit Pos2, Frt Mtr Pos Sensor Value
Exit Pos2, Hor Mtr Pos Sensor Value	Exit Pos2, Horz Lumbar Mtr Pos Sen Value	Exit Pos2, Rear Mtr Pos Sensor Value
Exit Pos2, Rec Mtr Pos Sensor Value	Exit Pos2, Vert Lumbar Mtr Pos Sen Value	Exit Rear Vertical Value
Exit Recline Value	Exterior Lamp Output	Fade
Fade Control	Fail Enable Counter	Fail Enable Timer Diagnostics
Fan Control	Fan Down Button	Fan Speed
Fan Up Button	Fast Idle Input	Fasten Seat Belts
FEIC Mode	FEIC Reset	Filt TBAT
Filtered Position Value	Flash to Pass Switch	FM Distant Stop Level
FM Lamp	FM Local Stop Level	FM Pass A Stop Level
FM Pass B Stop Level	FM Signal Strength	Fog Lamp Relay Feedback
Fog Light Illumination	Folding Top Ajar Switch	Folding Top Close Reference Position
Folding Top Cyl. Extended Sensor	Folding Top Cyl. Retracted Sensor	Folding Top Open Reference Position
Folding Top Position Sensor	Folding Top Release Switch	Forward Position Motor Stop
Front Defrost Button	Front Down Button	Front Down Position Motor Stop
Front Down Switch Stuck	Front Fog	Front Fog Lamp Relay

Front Fog Lamp Switch	Front Passenger Window Position	Front Tonneau Close Reference Position Sensor
Front Tonneau Open Reference Position Sensor	Front Tonneau Position Sensor	Front Up Button
Front Up Position Motor Stop	Front Up Switch Stuck	Front Vertical Fault
Front Vertical Position	Front Vertical Sensor	Front Verticle Position
Frost Sensor	Fuel Door Lock Relay	Fuel Door Relay Output
Fuel Door Release Output	Fuel Door Release Switch	Fuel Door Unlock Relay
Fuel Economy Average Switch	Fuel Economy Instant Switch	Fuel Gage Position
Fuel Gauge Position	Fuel Level	Fuel Range
Fuel Remaining	Fuel Sender	Gear Position
Gear Range Dim	Gear Range Status	GEN L-Terminal Signal Command
Generator Lamp	GM Manufacturing Code	GM Model Part Number DLS
Gm Model Part Number PLS	GM Part Number	GM Product Code
GM Trap Alert Close Motion 1	GM Trap Alert Close Motion 2	GM Trap Alert Close Motion 3
GM Trap Alert Open Motion	GM Trap Alert Open No Motion	GM Trap Alert Release History
GMTA Closed Motion 1	GMTA Closed Motion 2	GMTA Closed Motion 3
GMTA Open Motion	GMTA Open No Motion	GMTA Release History
GMTA State	Ground 2	Hands Free State
Handwheel Input	Handwheel Rate	Hardware ID
Hardware Level	Hardware Version	Hatch Ajar Switch
Hatch/Trunk Ajar	Hatch/Trunk Release Switch	Head Lamp Off Switch
Head Lamp State	Head Lamp Switch	Head Lamps
Header Latch Motor	Headlamp Relay Feedback	Headlamp Required Output
Heated Seat Inhibit	Heated Seats	Heated Seats Cycling Due to Load Mgmt.
Heater Water Valve	Hi Refrig. Pressure Switch	Hi-Beam Lamp
High Beam - Flash to Pass	High Beam Feedback	High Beam Input
High Beam Lamp	High Beam Output	High Beam Switch
High Beams	High Blower Input	High Coolant Temp Lamp

High Coolant Temperature Lamp	High Side Temperature	History DTC Cycle Counts
Hood Ajar	Horizontal Lumbar Pos.	Horizontal Lumbar Position
Horizontal Motor	Horizontal Position	Horizontal Sensor
Horizontal Sensor Fault	Horn	Horn Output
Horn Output Driver	Horn Relay	Horn Relay Feedback
Horn Relay Feedback	Hour	Hour Meter
Htr./Def./A/C Dr. Actual	Htr./Def./A/C Dr. Commanded	Htr/Def/A/C/Dr. Actual
Htr/Def/A/C/Dr. Commanded	Htr/Def/AC/Dr. Actual	Htr/Def/AC/Dr. Commanded
Htr/Def/AC/Dr. Range	HVAC Auto/Economy Switch	HVAC Bulb Illumination
HVAC Cooler Switch	HVAC Defog Switch	HVAC Defrost Switch
HVAC Fan Down Switch	HVAC Fan Up Switch	HVAC Off Switch
HVAC Rear Defog Switch	HVAC Recirculate Switch	HVAC Warmer Switch
I/P Dimmer Input	I/P Dimmer Output	Ignition - Volts
Ignition 0	Ignition 0 - Volts	Ignition 0 Input
Ignition 1	Ignition 1 - Volts	Ignition 1 Input
Ignition 2 Input	Ignition 3 - Volts	Ignition 3 Input
Ignition Accessory	Ignition Counter	Ignition Crank/Run
Ignition Cycle Counter	Ignition Cycles	Ignition Cycles Since last DTC
Ignition Cycles Since Last DTC	Ignition cycles since last time a DTC set	Ignition Input
Ignition Mode Switch	Ignition Off Position	Ignition Off/Run/Crank
Ignition On Timer	Ignition Run	Ignition Since Current DTC
Ignition State	Ignition Voltage	Ignition Voltage Signal
Illumination Dimming	In Car Temperature	In Car Temperature Sensor
Inadvertant Power Feedback	Inadvertant Power Output	Inadvertent Load Monitor
Inadvertent Power Input	Inadvertent Power Relay	Inadvertent Power Timer
Incandescent Dim 1	Incandescent Dim 2	Incandescent Dim Pot
Incandescent Dimming	Incandescent T/T Dim	Indicator Dimming
Inside Air Temperature Sensor	Inside Air Temperature	Inside Air Temperature Sensor
Inside Temperature #1	Inside Temperature Sensor	Instant Fuel Economy
Interior Dim Pot	Interior Lamp Output	Interior Lamp Switch

Interior Lighting Cmd	Invalid Key Fob	Invalid Key Timer Status
Julian Data of Build	Julian Date	Julian Date of Build
Julian Date of Manufacture	Key Diasm Input	Key Fob 1 Low Voltage
Key Fob 2 Low Voltage	Key Fob 3 Low Voltage	Key Fob 4 Low Voltage
Key Ignition	Key in Ignition	Key Out of IGN
Key Pressed On Fob	Keyless Entry Option	KM/H Lamp
KPH Lamp	Lamp Continuous on Time	Lamp In Current State
Last 4 Digits of GM Part Number	Last 4 Digits of Part Number	Last 4 Digits of Product Serial Number
Last 6 Digits of Part Number	Last Digit of Calendar Year	Last Fob Used
LCD Intensity	LCM Headlamp Switch Status	LCM Lights on Chime
Learned Travel Distance	LED Dimming	LED Intensity
Left AC Duct Temperature	Left Air Mix Door	Left Duct Temperature Desired
Left Front Tire Pressure	Left Heated Seat Temperature	Left Heater Duct Temperature
Left Horizontal Mirror Position	Left Mix Door Actual	Left Program Number
Left Rear Door Jamb Switch	Left Rear Tire Pressure	Left Solar
Left Solar Sensor	Left Sunload Sensor	Left Temp Door Commanded
Left Temp. Detent Pos.	Left Temperature Door Actual	Left Temperature Door Commanded
Left Temperature Door Position	Left Temperature Dr. Actual	Left Temperature Dr. Commanded
Left Temperature Dr. Range	Left Temperature Setting	Left Turn Monitor
Left Turn Signal	Left Turn Signal Relay	Left Turning Signal Switch
Left Vertical Mirror Position	Left/Right Sensor	LH AC Duct Actual
LH AC Duct Desired	LH Heater Duct Actual	LH Heater Duct Desired
LH Mix Motor Position Feedback	LH Mix Motor Position Requested	Light Sensor
Lighting Calibration Number	Lighting Suffix	Lights on With Wipers
Load Reduction Active	Load Shed Level 1 Heated	Load Shed Level 1 Rear

		Defrost
Load Shed Level 2 Heated	Load Shed Level 2 Rear Defrost	Lock/Unlock Switch
Lockout Timer	Lockout Timer Status	Logged Hour Meter
Low Beam Duty Cycle	Low Beam Feedback	Low Beam Input
Low Beam Output	Low Beams	Low Brake Fluid
Low Brake Fluid Level	Low Break Fluid Level	Low Coolant Input
Low Coolant Lamp	Low Coolant Level	Low Fuel Indicator Off
Low Fuel Indicator On	Low Fuel Indicator Time	Low Fuel Lamp
Low Fuel Lamp Timer	Low Oil Lamp	Low Oil Level
Low Power Driver	Low Power Output	Low Refrig. Pressure Switch
Low Tire Lamp	Low Tire Pressure Lamp	Low Traction Lamp
Low Traction: ABS Active	Low Traction: TCS Active	Low Wash Input
Low Washer Lamp	Low Wiper Fluid	Lower Heater Duct Actual
Lower Left Duct Temperature Sensor	Lower Mix Door Actual	Lower Mix Door Commanded
Lower Outlet Temperature	Lower Outlet Temperature - Counts	Lower Right Duct Temperature Sensor
Lt. Turn Signal Indicator	Lumbar Horizontal Sensor	Make A
Make B	Manifold Intake Air Temperature	Manufacturers Enable Counter
Manufacturers Source Code	Manufacturing Shift Code	Manufacturing Shift Info
Manufacturing Site	Manufacturing Tester ID Digit 1	Manufacturing Tester ID Digit 2
Master Flash ROM ID	Master Keys Learned	Master PROM ID
Maximum A/I Door Position	Maximum HTR/DEF/AC Door Position	Maximum Mix1 Door Position
Maximum Mix2 Door Position	Mem Pos 1 Horz Mtr Pos Sen Value	Mem Pos 1 Rec Mtr Pos Sen Value
Mem Pos 1 R-Vert Mtr Pos Sen Value	Mem Pos 1, F-Vrt Mtr Pos Sen Value	Mem Pos 1, Hor Lum Mtr Pos Sen Val
Mem Pos 1, VL Mtr Pos Sen Value	Mem Pos 2 Horz Mtr Pos Sen Value	Mem Pos 2 Rec Mtr Pos Sen Value
Mem Pos 2 R-Vert Mtr Pos Sen Value	Mem Pos 2, F-Vrt Mtr Pos Sen Value	Mem Pos 2, Hor Lum Mtr Pos Sen Val
Mem Pos 2, VL Mtr Pos Sen Value	Memory 1 Fore/Aft Mtr Position	Memory 1 Front Vertical Value

Memory 1 Frt Vert Mtr Position	Memory 1 Horiz Lumbar Value	Memory 1 Horizontal Lumbar Value
Memory 1 Horizontal Value	Memory 1 Indicator	Memory 1 Left Horizontal Value
Memory 1 Left Vertical Value	Memory 1 Mirror Horizontal Position	Memory 1 Mirror Vertical Position
Memory 1 Rear Vert Mtr Position	Memory 1 Rear Vertical Value	Memory 1 Recline Value
Memory 1 Right Horizontal Value	Memory 1 Right Vertical Value	Memory 1 Select Switch
Memory 1 Stored Position	Memory 1 Switch Stuck	Memory 1 Telescope Exit Position
Memory 1 Telescope Position	Memory 1 Tilt Exit Position	Memory 1 Tilt Position
Memory 2 Fore/Aft Mtr Position	Memory 2 Front Vertical Value	Memory 2 Frt Vert Mtr Position
Memory 2 Horiz Lumbar Value	Memory 2 Horizontal Lumbar Value	Memory 2 Horizontal Value
Memory 2 Indicator	Memory 2 Left Horizontal Value	Memory 2 Left Vertical Value
Memory 2 Mirror Horizontal Position	Memory 2 Mirror Vertical Position	Memory 2 Rear Vertical Value
Memory 2 Rear Vert Mtr Position	Memory 2 Rear Vertical Value	Memory 2 Recline Value
Memory 2 Right Horizontal Value	Memory 2 Right Vertical Value	Memory 2 Select Switch
Memory 2 Stored Position	Memory 2 Switch Stuck	Memory 2 Telescope Exit Position
Memory 2 Telescope Position	Memory 2 Tilt Exit Position	Memory 2 Tilt Position
Memory 3 Fore/Aft Mtr Position	Memory 3 Frt Vert Mtr Position	Memory 3 Rear Vert Mtr Position
Memory 3 Stored Position	Memory Exit	Memory Exit Switch Stuck
Memory Set	Memory Set Switch Stuck	Memory Switch Backlight
Microphone High	Microphone Level	Microphone Low
Mid Control	Midrange	Midrange Control
Minimum A/I Door Position	Minimum HTR/DEF/AC Door Position	Minimum Mix1 Door Position
Minimum Mix2 Door	Minute	Mirror 5 Volt Reference

Position		
Mirror Down Motor	Mirror Down Switch	Mirror Fold Current Offset
Mirror Fold Motor Current	Mirror Heater	Mirror Horizontal Position
Mirror Left Motor	Mirror Left Switch	Mirror Motor Load
Mirror Right Switch	Mirror Switch Backlight	Mirror Up Motor
Mirror Up Switch	Mirror Vertical Position	Mirror Vertical Position
Mirror Right Motor	Mix Door Max Position	Mix Door Min Position
Mix Feedback	Mix Motor State	Mode Button
Mode Door Actual	Mode Door Cal. Range	Mode Door Commanded
Mode Door Max Position	Mode Door Min Position	Mode Door Motor Command
Mode Door Position	Mode Feedback	Mode Override Dec. Switch
Mode Override Decrease Switch	Mode Override Inc. Switch	Mode Override Increase Switch
Mode Potentiometer	Mode Switch Position	Mode Switch Return Voltage
Model Year	Module Part Number	Monitored Battery Voltage
Monitored Class 2 Dimming	Monitored Coolant Temp	Monitored Engine Speed
Monitored Fuel Level	Monitored Ignition 1 Voltage	Monitored Oil Pressure
Monitored Pack Volts	Monitored Power Use	Monitored Transmission Oil Temp
Monitored Vehicle Speed	Mono Volume Control	Month
Motor Command	Motor Current	MPH Lamp
Navigation Database	Navigation Database Software	Navigation Hardware Level
Navigation Software Level	Navigation Software Version	New VIN Counter
No. of Learned Key Code	Node Alive Timer	Noise Level 1(Ultra Sonic)
Noise Level 2(Wide Band AM)	Number of Fob's Programmed	Number of Learned Key Codes
Object Detection Sensor	Odometer	Off Button
Off Switch	Oil Level Lamp	Oil Life Lamp
Oil Pressure	Oil Pressure Lamp	Oil Pressure Palm
Oil Temperature	On/Off Switch	Operational S/W Part Number
Operational S/W Suffix	Other Door Unlock Feedback	Other Door Unlock Relay
Outside Air Button	Outside Air LED	Outside Air Temperature
Outside Air Temperature	Outside Air Temperature Raw	Outside Status

Filtered		
Outside Temperature	Outside Temperature Sensor	Overhead Lamps Output
Park (BTSI) Output Feedback	Park Brake Release	Park Brake Switch
Park Break Switch	Park Lamp Input	Park Lamp Relay
Park Lamp Relay Output	Park Lamp Switch	Park Lamps
Park Position Input	Park Relay Output	Park Switch
Parklamp Input	Passanger Bag Energy Reserve	Passenger AC Dect Temperature
Passenger Compartment Temperature	Passenger Cooler Switch	Passenger Door Ajar Switch
Passenger Door Jamb Switch	Passenger Door Unlock Input	Passenger Door Unlock Relay
Passenger DTM Required	Passenger Frontal Loop	Passenger Heater Duct Temperature
Passenger Horizontal Sensor	Passenger HVAC Control	Passenger HVAC Switch
Passenger Mirror Horizontal Position	Passenger Mirror Select Led	Passenger Mirror Select Switch
Passenger Mirror Vertical Position	Passenger Mix Number	Passenger Program Number
Passenger Resistance	Passenger Seat Belt A/D	Passenger Seat Heat Sensor
Passenger Sensor - Volts	Passenger Set Temperature	Passenger Side Bag High
Passenger Side Belt Status	Passenger Side Impact Sensor ID	Passenger Solar
Passenger Solar Sensor	Passenger Sunload	Passenger Temperature Dial
Passenger Temperature Door Actual	Passenger Temperature Door Cal. Range	Passenger Temperature Door Commanded
Passenger Temperature Door Motor Command	Passenger Temperature Door Position	Passenger VDIF
Passenger Vertical Sensor	Passenger Warmer Switch	Passenger Window Down Switch
Passenger Window Motor	Passenger Window Position	Passenger Window Up Switch
Passkey Resistor Signal	Passkey State	Passlock Code
Passlock Data	Passlock Data Voltage	Passlock Ignition Cycle
Passlock Input	Passlock Power	Passlock Power Feedback

Passlock State	Passlock Timer	Pedal Position
Performance Shift Lamp	Perimeter Lamp Output	Perimeter Lights
Personalization	Personalization Bus	Phase 2 Timer
Phase Lock Loop	Phone	Photocell
Photocell Voltage	Position Sensor Reference	Power Mirror Horizontal Position Data
Power Mirror Vertical Position Data	Power Mode Change	Preset Control
Personalization Bus	Pressure Status	PRNDL - 1st (amber)
PRNDL - 1st (red)	PRNDL - 2nd (amber)	PRNDL - 2nd (red)
PRNDL - 3rd (amber)	PRNDL - 3rd (red)	PRNDL - Drive (amber)
PRNDL - Drive (red)	PRNDL - Neutral (amber)	PRNDL - Neutral (red)
PRNDL - Park (amber)	PRNDL - Park (red)	PRNDL - Reverse (amber)
PRNDL - Reverse (red)	PRNDL Illumination	Product Number
Program Number	Program Phase	Program Sum
Programmed Key FOBs	Progress Fault - Compressor	Progress Fault - Exhaust
PROM ID	PSBHF A/D Input	PSD Position Sensor 1
PSD Position Sensor 2	Pump Motor Temperature Sensor	Pump Temperature Sensor
RAB Output	Radio Frequency	RAP Calibration Number
RAP Output	RAP Relay Feedback	RAP Suffix
RAP Timer	Raw Coolant Temperature	Raw Evaporator Temperature
Raw Highside Temperature	Raw Inside Temperature	Raw Outside Temperature
Raw Solar Sensor	Read Timer Diagnostics	Real Time Clock Hours
Real Time Clock Minutes	Real Time Clock Seconds	Rear Blower
Rear Blower Speed	Rear Compartment Lid Release	Rear Defog
Rear Defog Output	Rear Defog Relay	Rear Defog Switch
Rear Defog witch	Rear Defrost Button	Rear Down Button
Rear Down Position Motor Stop	Rear Down Switch Stuck	Rear Duct Temperature
Rear Duct Temperature Desired	Rear Fog	Rear Fog Lamp Switch
Rear Fog Output	Rear Program Number	Rear Temperature Door Actual
Rear Temperature Door	Rear Temperature Door Range	Rear Temperature Select

Commanded		Switch
Rear Tonneau Close Reference Position Sensor	Rear Tonneau Open Reference Position Sensor	Rear Tonneau Position Sensor
Rear Up Button	Rear Up Position Motor Stop	Rear Up Switch Stuck
Rear Vertical Position	Rear Vertical Sensor	Rear Vertical Sensor Fault
Rear Verticle Position	Rear Wiper	Rec. Mode From Front Control
Received PI - LSB	Received PI - MSB	Recirculate Button
Recirculate LED	Recirculate Switch	Recirculation Door Cal. Range
Recirculation Door Motor Command	Recirculation Door Position	Recirculation Solenoid
Recline Back Button	Recline Back Switch Stuck	Recline Forward Button
Recline Forward Switch Stuck	Recline Motor	Recline Position
Recline Sensor	Recliner Position Sensor Fault	Red Brake Lamp
Reference Voltage	Regulated Voltage Control Current Sensor	Relearn Counter
Relearn Timer	Reminder Calibration Number	Reminder Suffix
Reset Counter	Reset Switch	Restraint A
Restraint B	Restraint ID	Restraints ID
Reverse Lamp Relay	Reverse Position Motor Stop	Reverse Relay Output
Revision Level	RH AC Duct Actual	RH AC Duct Desired
RH Heater Duct Actual	RH Heater Duct Desired	RH Mix Motor Position Feedback
RH Mix Motor Position Requested	Right AC Duct Temperature	Right Air Mix Door
Right Duct Temperature Desired	Right Front A	Right Front Tire Pressure
Right Heated Seat Temperature	Right Heater Duct Temperature	Right Horizontal Mirror Position
Right Mix Door Actual	Right Program Number	Right Rear Door Jamp Switch
Right Rear Tire Pressure	Right Solar	Right Solar Sensor
Right Sunload Sensor	Right Temp Door Commanded	Right Temp. Detent Pos.
Right Temperature Door Actual	Right Temperature Door Commanded	Right Temperature Door Position
Right Temperature Setting	Right Turn Monitor	Right Turn Signal

Right Turn Signal Indicator	Right Turn Signal Relay	Right Turning Signal Switch
Right Vertical Mirror Position	ROM ID	ROM Part Number
Roof Close Cycle Counter	Roof Open Cycle Counter	Roof Panel State
Rotation Motor	Rotation Sensor	RPM
Run/Accy/Rap Voltage	Run/Crank	Running State of Charge
Seat Back Switch Stuck	Seat Belt Lamp	Seat Belt Sensor
Seat Belt Status	Seat Forward Motor	Seat Forward Switch
Seat Forward Switch Stuck	Seat Fron Down Switch	Seat Front Down Motor
Seat Front Up Motor	Seat Front Up Switch	Seat Front Vertical Exit Position
Seat Heat Sensor Value	Seat Horizontal Exit Position	Seat Horizontal Position
Seat Motor Current	Seat Rear Down Motor	Seat Rear Down Switch
Seat Rear Up Motor	Seat Rear Up Switch	Seat Rear Vertical Exit Position
Seat Recline Exit Position	Seat Reverse Motor	Seat Reverse Switch
Seat Switches	Seatbelt	Seatbelt Buckled
Second	Security Calibration Number	Security Lamp
Security Lamp Feedback	Security Lamp Output	Security Lamp State
Security Lamp Status	Security Suffix	Seed and Key Timer
Seed Key Timer	Select Down Switch	Select Right Switch
Selected Air Mode	Sequence Number	Sequence Number for Date of Manufacture
Serial Number	Series A-1	Series A-2
Series A-3	Series A-4	Series B-1
Series B-2	Series B-3	Series B-4
Service Vehicle Soon Lamp	Shift Number on Date of Manufacture	Shift number on date of manufacture
Shift Select Switch	Signal Strength	Signal Strength for Radio
Signal Strength for TV	Signal Type	Signle CD Disc Number
Single CD Disk Number	Single CD Track Number	SIR Lamp
Skip Shift Lamp	Slave Flash ROM ID	Slave PROM ID
Software Design Suffix	Software ID	Software Level
Software Major Version	Software Minor Version	Software Part Number
Software Release	Software Release Level	Software Release, Day

Software Release, Month	Software Release, Year	Software Revision Level
Software Revision Number	Software Version	Solar Sensor
Source	Source Voltage	SPO Serial Data Status
Start Up State of Charge	Starter Enable	Steering Wheel Control A/D
Steering Wheel Control Feed Voltage	Steering Wheel Controls	Steering Wheel Sensor Signal
Stowage Latch Cyl. Retracted Left/Right Sen.	Stowage Lid Closed Left/Right Sensors	Stowage Lid Cyl. Extended Sen.
Stowage Lid Ext. Panel Exyended Sen.	Stowage Lid Ext. Panel Retracted Sen.	Sun Load Sensor
Sun Sensor	Suspension Position Sensor	SVS Lamp
SVS: Air Bag Fault	SVS: Class 2	SVS: Lost 50H
SWC Switch Voltage	Switch Backlight Level	Switch Dimming
Switch Power Feedback	System Calibration ID	System Program Number
Tachometer Engine RPM	Tamper Timer	TBC 1.3 base part number
TCS Off Lamp	TCS Off: TCS Fail Msg	TCS Off: TCS Off Msg
TCS Switch	Tech Signal	Telescope Sensor
Telltale Flash Rate	Temperature Gage Position	Temperature Status
Theater Dimming 1	Theater Dimming 2	Theft Armed
Theft Data	Theft Deterrent State	Theft Key Read
Theft Lock	Theft Mode	Theft System Lamp
Theft Tamper Switch	Tilt Sensor	Tone Generator
Tonneau Panel State	Torso Position	Total Cassette Hours
Total CD Hours	Total CD Hours of Operation	Total CD/DVD Hours
Total CD/MD Hours	Total CDX Hours	Total Radio Hours
Traction Off	Traction Off Lamp	Traction Switch
Transceiver ID	Transmission Fluid Temperature	Transmission Preference
Treble	Treble Control	Triggers per Theft Cycle
Trim Value	Trip Odometer	Trip Odometer A
Trip Odometer B	Trip Reset Switch	Trip Reset Timer
Trunk Ajar Switch	Trunk Jamb Switch	Trunk Release
Trunk Release Output	Trunk Release Solenoid	Trunk Release Solenoid Feedback
Trunk Release Switch	Trunk Tamper Switch	Tunk Ajar Switch

Turn Signal Switch	Turn/Hazard Input	TV Tuner Sync Rate
Twilight Delay	Twilight Delay Pot	Twilight Lamp Output
Twilight Photo	Twilight Switch	Unknown Driver Default Exit Position
Up/Down Sensor	Upper Heater Duct Actual	Upper Left Duct Temperature Sensor
Upper Mix Door Actual	Upper Mix Door Commanded	Upper Outlet Temperature
Upper Outlet Temperature - Counts	Upper Right Duct Temperature Sensor	Upshift Lamp
Vacuum Solenoid 1	Vacuum Solenoid 2	Vacuum Solenoid 3
Vacuum Solenoid 4	Vacuum Solenoid 5	Valet Lockout Switch
Valid Key Code Counter	Valid Key Fob	VBAT ID
Vehicle Speed	Vehicle Speed Displayed	Vehicle Speed Signal
Vertical Lumbar Position	VF Dim	VIN
VIN Position 06	VIN Position 07	VIN Position 08
VIN Position 09	VIN Position 10	VIN Position 11
VIN Position 12	VIN Position 13	VIN Position 14
VIN Position 15	VIN Position 16	VIN Position 17
Volt Lamp	Voltage Actual	Voltage Displayed
Volume	Volume Control	VSS Signal
Warning Lamp On/Off Timer	Washer Fluid Level	Washer Fluid Sensor
Window Current	Window Down Motor	Window Motor Current
Window Motor Load	Window Motor Peak Current	Window Motor Sensor 1
Window Motor Sensor 2	Window Switch Backlight	Window Up Motor
Wiper Activation Switch	Wiper Delay Input	Wiper Switch
Year	Year Module Built	

### Chassis Sensors

25 mph Reached This Ignition	4WD Status	4WD Switch
8 Digit GM Part Number	9-11 Volt Battery Occurances	ABS Active
ABS Controller	ABS Failed	ABS Lamp Command
ABS Pump Motor	ABS Reference Speed	ABS Relay Command
ABS Relay Feedback	ABS Stop State	ABS Tell-tale

ABS Warning Indicator	ABS Warning Lamp	Accelerometer Status
Accum Fault - Compressor	Accum Fault - Exhaust	Accumulated Pressure Sensor
Actual Motor Current	Actual Rear Steering Angle	ALC Compressor
ALC Compressor Active	ALC Exhaust Solenoid	ALC Exhaust Solenoid Active
Analog Steer Sensor Voltage	Analog Steering Position	Auto Disconnect Status
Auto Learn Mode Active	Battery Low - Compressor	Battery Voltage
Battery Voltage Signal	BPP Sensor A/D Conversion	BPP Sensor Displacement
BPP Sensor Power Supply	BPPS Learned Home Position	Brake Fluid
Brake Fluid Level	Brake Light Switch	Brake Pressure Sensor
Brake Pressure Sensor Input	Brake Sensor Power Supply	Brake Switch
Brake Switch On This Ignition	Brake Switch Open	Brake Switch Status
Brake Temperature Status	Brake Warning Lamp	Brake Warning Lamp Command
Brake Warning Lamp Open	Build Sequence Number	Calibration ID
Chassis Pitch Input Changed	Chassis Pitch Input Status	Check Tires
Component Serial Number 12	Component Serial Number 13	Component Serial Number 17
Component Serial Number 8-	Compressor 1 Temperature	Compressor 2 Temperature
Compressor Relay	Compressor Signal	Compressor Temperature
Configuration ID	Controller Part Number	Date Code
DE Base Part Number	DE Build Sequence Number	DE Calibration Part Number
DE End Model Part Number	DE ROM Part Number	Delco Part Number
Delivered Torque	Delivered Torque PWM Duty Cycle	Desired Motor Current
Diff. Pressure/Fluid Level Switch	Digital HWPS Bias Correction	Digital HWPS Index Pulse
Digital HWPS Input	Digital HWPS Phase A Pulse	Digital HWPS Phase B Pulse
Digital Steering Position	Digital SWPS Phase A	Digital SWPS Phase B
Door Switch	Driver Select Switch	DRP Active
DRP Disabled	DRP Switched Battery Voltage	Duel Analog SWPS Input A
Duel Analog SWPS Input B	EBTCM to PCM Requested	Engine Drag Control Active

Engine Drag Control Failed	Engine Running	Engine Speed
ERH Lamp Command	ERH Switch	ETS Active
ETS Active Lamp	ETS Disable Lamp	ETS Status
ETS Status EBTCM	ETS Status PCM	ETS Switch
ETS Warning Lamp	EVO Actual Current	EVO Desired Current
EVO Drive PWM	EVO Duty Cycle	Exhaust Signal
Filtered Position Value	Front TCS Isolation Solenoid	Front TCS Prime Solenoid
Hall Sensor Reference	Height Sensor Current	Height Sensor Supply Status
ICCS 1 Controller	ICCS 2 Controller	Idle Up Circuit
Ignition 1 Status	Ignition 3	Ignition Cycles Since Last DTC
Ignition Cycles Since Last Fault	Ignition Power	Ignition Status
Ignition Voltage	Ignition Voltage Signal	Ignition Voltage Status
Inflator Switch	Inflator Switch Lamp Command	Internal 12 Volt Supply
Internal Temperature	Julian Date Code	Julian Date of Build
K1 Duty Cycle	K1 Load Side Voltage	K1 Pack Side Voltage
K3 Duty Cycle	K3 Load Side Voltage	K3 Pack Side Voltage
Last 4 Digits of GM Part Number	Lateral Accelerometer Input	Lateral Accelerometer Sensor Signal
Lateral Accelerometer-Engineering Units	Left Front ABS Hold Solenoid	Left Front ABS Motor
Left Front ABS Motor Command	Left Front ABS Motor Feedback	Left Front ABS Release Solenoid
Left Front Break	Left Front Damper Actuator	Left Front Damper Actuator Command
Left Front Damper Actuator Signal	Left Front Dump Valve Command	Left Front Dump Valve Feedback
Left Front Inlet Valve Solenoid	Left Front Iso. Valve Command	Left Front Iso. Valve Feedback
Left Front Normal Force	Left Front Outlet Valve Solenoid	Left Front Position Sensor
Left Front Pressure Sensor ID	Left Front Pressure Sensor Mode	Left Front Rotor Temperature
Left Front Shock Level	Left Front Solenoid Command	Left Front TCS Isolation Solenoid

Left Front TCS Prime Solenoid	Left Front Tire Pressure	Left Front Tire Pressure Sensor
Left Front Tire Pressure Sensor Status	Left Front Tire Pressure Transmitters	Left Front Valve Solenoids
Left Front Wheel Speed	Left Height Sensor	Left Isolation Valve
Left Rear ABS Hold Solenoid	Left Rear ABS Release Solenoid	Left Rear Damper Actuator
Left Rear Damper Actuator Command	Left Rear Damper Actuator Signal	Left Rear Dump Valve Command
Left Rear Inlet Valve Solenoid	Left Rear Iso. Valve Command	Left Rear Outlet Valve Solenoid
Left Rear Position Sensor	Left Rear Pressure Sensor ID	Left Rear Pressure Sensor Mode
Left Rear Rotor Temperature	Left Rear Shock Level	Left Rear Tire Pressure
Left Rear Tire Pressure Sensor	Left Rear Tire Pressure Sensor Status	Left Rear Tire Pressure Transmitters
Left Rear Valve Solenoids	Left Rear Wheel Speed	Leveling Sensor Feed
Lift/Dive Changed	Lift/Dive Status	Limiting Motor Current
Longitudinal Accelerometer	Loose Surface Mode	Low Traction Lamp
Low Traction Lamp Command	Low Traction: TCS Active	Lowest Limiting Current
Magna Steer Commanded Current	Magna Steer Controller	Magna Steer Failed
Magna Steer Feedback Current	Magna Steer Indicator/Message	Manual Tire Programming
Manufacturing Shift Info.	Manufacturing Site	Marker Pulse
Master Cylinder Pressure	Master Cylinder Pressure	Mode LED
Mode Switch	Monitor Mode 1	Monitor Mode 2
Motor Current	Motor Relay Commanded State	Motor Relay Feedback State
Motor Relay State	Motor Voltage -	Motor Voltage +
MPA Charge Command	MPA Charge Feedback	MPA Switch
Neutral Switch	Number of DTCs	Overload Protection Incidents
Panic Brake Assist Failed	Park Switch	Part Number
PCM to EBTCM Delivered	PCM to EBTCM Requested	Pre-Charge Command
Pre-Charge Feedback	Progress Fault - Compressor	Progress Fault - Exhaust
PROM ID	Pump Motor Feedback	Pump Motor PWM

	Voltage	
Pump Motor Relay	Pump Motor Relay Commanded State	Pump Motor Relay Feedback State
Rear ABS Motor Command	Rear ABS Motor Feedback	Rear Dump Valve Command
Rear Dump Valve Feedback	Rear Iso. Valve Command	Rear Iso. Valve Feedback
Rear Leveling Air Pressure	Rear Steer Select Switch	Rear TCS Isolation Solenoid
Rear TCS Prime Solenoid	Rear Wheel Centering 1	Rear Wheel Centering 2
Rear Wheel Position 1	Rear Wheel Position 2	Rear Wheel Speed
Red Brake Lamp	Red Brake Warning Indicator	Requested Rear Steering Angle
Requested Torque	Requested Torque PWM Duty Cycle	Reverse Switch
Right ABS Motor Command	Right ABS Motor Feedback	Right Front ABS Hold Solenoid
Right Front ABS Motor	Right Front ABS Motor Command	Right Front ABS Motor Feedback
Right Front ABS Release Solenoid	Right Front Brake	Right Front Damper Actuator
Right Front Damper Actuator Command	Right Front Damper Actuator Signal	Right Front Dump Valve Command
Right Front Dump Valve Feedback	Right Front Inlet Valve Solenoid	Right Front Iso. Valve Command
Right Front Iso. Valve Feedback	Right Front Normal Force	Right Front Outlet Valve Solenoid
Right Front Position Sensor	Right Front Pressure Sensor ID	Right Front Pressure Sensor Mode
Right Front Rotor Temperature	Right Front Shock Level	Right Front Solenoid Command
Right Front TCS Isolation Solenoid	Right Front TCS Prime Solenoid	Right Front Tire Pressure
Right Front Tire Pressure Sensor	Right Front Tire Pressure Sensor Status	Right Front Tire Pressure Transmitters
Right Front Valve Solenoids	Right Front Wheel Speed	Right Height Sensor
Right Isolation Valve	Right Rear ABS Hold Solenoid	Right Rear ABS Release Solenoid
Right Rear Damper Actuator	Right Rear Damper Actuator Command	Right Rear Damper Actuator Signal
Right Rear Dump Valve	Right Rear Inlet Valve	Right Rear Iso. Valve

Command	Solenoid	Command
Right Rear Outlet Valve Solenoid	Right Rear Position Sensor	Right Rear Pressure Sensor ID
Right Rear Pressure Sensor Mode	Right Rear Rotor Temperature	Right Rear Shock Level
Right Rear Tire Pressure	Right Rear Tire Pressure Sensor	Right Rear Tire Pressure Sensor Status
Right Rear Tire Pressure Transmitters	Right Rear Valve Solenoids	Right Rear Wheel Speed
Rough Road Parameter	Selected Front Tire Pressure	Selected Rear Tire Pressure
Selected Tire Type	Sensor Learn Mode	Sensor Supply Voltage
Sequence	Software Release Level	Solenoid Circuit 1288
Solenoid Circuit 1289	Solenoid Relay Commanded State	Solenoid Relay Feedback State
Spare Tire Pressure	Spare Tire Pressure Sensor	Speed Range 1 Calibrated
Speed Range 1 Tire Pressure	Speed Range 2 Calibrated	Speed Range 2 Tire Pressure
Speed Range 3 Calibrated	Speed Range 3 Tire Pressure	Speed Range 4 Calibrated
Speed Range 4 Tire Pressure	Stability System Active	Stability System Enable
Steer Angle Centering Complete	Steering Angle PWM 1	Steering Angle PWM 2
Steering Calibration	Steering Position PWM	Steering Sensor is Centered
Steering Shaft Torque	Steering Source	Steering Wheel Angle
Steering Wheel Angle (TBC)	Steering Wheel Position	Steering Wheel Position Signal 1
Steering Wheel Position Signal 2	Steering Wheel Rate	Steering Wheel Sensor Signal
Stop Lamp Status	Stop Lamp Switch	Suspension Control Selected Switch
Suspension Position Sensor	Switch System Battery	Switched Battery Voltage
Switched Pump Battery Power	SWPS PWM Output to CVRS	System Configuration
System ID	System Voltage	TCS Active
TCS Active Indicator/Message	TCS Active Lamp	TCS Controller
TCS Disable Message	TCS Enable Status	TCS Failed
TCS Iso Valve Command	TCS On/Off Switch	TCS Present
TCS Status/EBTCM - TCS Active	TCS Status/PCM - TCS Active	TCS Switch State

TCS Warning Indicator/Message	TCS Warning Lamp	TIM Auto Learn Mode Active
TIM Failed	TIM Monitor Mode 1	TIM Monitor Mode 2
TIM Reset Switch	Tire Pressure	Tire Pressure Sensor ID
Torque Sensor Amplified	Torque Sensor Main	Torque Sensor Sub
Total Valve Current	Tow/Haul Mode	TPM System Enabled
Traction Control	Traction Control Active	Traction Control Enable
Traction Control Equipped	Traction Control Slip	Traction Control Switch
Traction Off Lamp Command	Traction Switch LED	Transmission Type
Trim Height Learned	Trim Value	Turing Profile
Validity/Failed Status	Valve Relay	Vehicle Speed Input
Vehicle Speed	Vehicle Speed (ZK3)	Vehicle Yaw Rate - Engineering Units
VES Actuator Commanded	VES Actuator Feedback Signal	VES Commanded Current
VES Failed	VES Feedback Current	VES Indicator/Message
VES Malfunction	VSES Active	VSES Active Indicator/Message
VSES Control Switch	VSES Equipped	VSES Failed
VSES Failed Indicator/Message	VSES On/Off Status	VSES Relay Command
VSES Steering IS Centered	Yaw Rate Error	Yaw Rate Sensor Input
Yaw Rate Steering Is Centered	Year Module Built	

### Transmission Sensors

1-2 Shift Error	1-2 Shift Time	1-2 Shift Time Error
1-2 Solenoid	1-2 Solenoid Open/Short to GND	1-2 Solenoid Short to Volts
1-2 TAP Cell 01	1-2 TAP Cell 02	1-2 TAP Cell 03
1-2 TAP Cell 04	1-2 TAP Cell 05	1-2 TAP Cell 06
1-2 TAP Cell 07	1-2 TAP Cell 08	1-2 TAP Cell 09
1-2 TAP Cell 10	1-2 TAP Cell 11	1-2 TAP Cell 12
1-2 TAP Cell 13	1-2 TAP Cell 14	1-2 TAP Cell 15
1-2 TAP Cell 16	1-2 TAP High Cell	1-2 TAP Low Cell
1-2 TAV Cell 1	1st Clutch Slip Monitor	2-1 TAP Cell 1

2-1 TAP Cell 2	2-1 TAP Cell 3	2-1 TAP Cell 7
2-1 TAV Cell 1	2-1 TAV Cell 2	2-3 Shift Error
2-3 Shift Time	2-3 Shift Time Error	2-3 Solenoid
2-3 Solenoid Open/Short to GND	2-3 Solenoid Short to Volts	2-3 TAP Cell 01
2-3 TAP Cell 02	2-3 TAP Cell 03	2-3 TAP Cell 04
2-3 TAP Cell 05	2-3 TAP Cell 06	2-3 TAP Cell 07
2-3 TAP Cell 08	2-3 TAP Cell 09	2-3 TAP Cell 10
2-3 TAP Cell 11	2-3 TAP Cell 12	2-3 TAP Cell 13
2-3 TAP Cell 14	2-3 TAP Cell 15	2-3 TAP Cell 16
2-3 TAP High Cell	2-3 TAP Low Cell	2-3 TAV Cell 1
2nd Clutch Fill - High	2nd Clutch Fill - Low	2nd Clutch Fill Learned
2nd Clutch Pressure Learned	2nd Clutch Slip Monitor	2nd Gear Start
3-2 Downshift Solenoid	3-2 Pressure - High	3-2 Pressure - Low
3-2 Short to Volts	3-2 Solenoid Open/Short to GND	3-2 Solenoid Short to Volts
3-2 TAP Cell 1	3-2 TAP Cell 2	3-2 TAP Cell 3
3-2 TAP Cell 7	3-2 TAV Cell 1	3-2 TAV Cell 2
3-4 Shift Error	3-4 Shift Time	3-4 Shift Time Error
3-4 TAP Cell 01	3-4 TAP Cell 02	3-4 TAP Cell 03
3-4 TAP Cell 04	3-4 TAP Cell 05	3-4 TAP Cell 06
3-4 TAP Cell 07	3-4 TAP Cell 08	3-4 TAP Cell 09
3-4 TAP Cell 10	3-4 TAP Cell 11	3-4 TAP Cell 12
3-4 TAP Cell 13	3-4 TAP Cell 14	3-4 TAP Cell 15
3-4 TAP Cell 16	3-4 TAP High Cell	3-4 TAP Low Cell
3-4 TAV Cell 1	3rd Clutch Fill - High	3rd Clutch Fill - Low
3rd Clutch Fill Learned	3rd Clutch Pressure Learned	3rd Clutch Slip Monitor
3rd Shift Integrator	4-3 Pressure - High	4-3 Pressure - Low
4-3 TAP Cell 1	4-3 TAP Cell 2	4-3 TAP Cell 3
4-3 TAP Cell 7	4-3 TAV Cell 1	4-3 TAV Cell 2
4-5 TAP Cell 1	4-5 TAP Cell 2	4-5 TAP Cell 3
4-5 TAV Cell 1	4th Clutch Fill - High	4th Clutch Fill - Low
4th Clutch Fill Learned	4th Clutch Pressure Learned	4th Clutch Slip Monitor
4th Shift Integrator	5-4 TAP Cell 1	5-4 TAP Cell 2

5-4 TAP Cell 3	5-4 TAP Cell 4	5-4 TAP Cell 5
5-4 TAP Cell 6	5-4 TAP Cell 7	5-4 TAP Cell 8
5-4 TAP Cell 9	5-4 TAV Cell 1	5-4 TAV Cell 2
A/C Clutch	Accelerator Pedal Position Angle	Accelerator Pedal Position Average
Accelerator Pedal Position Indicated Angle	Adaptable Shift	AWD Duty Cycle
AWD Last Disable Odometer	Barometric Pressure	Brake Switch
Clutch Priority Active	Commanded Gear	Cruise
Current Gear	Current TAP	Current TAP Cell
Current TAP Memory	Current Transmission DTC Set	Delivered Engine Torque
Desired Idle	Desired Idle Speed	Downshift Cancelled
Downshift Desired	Downshift In Progress	Downshift Requested
Driver Demanded Engine	DTC History Display	Engine Break In
Engine Coolant Temperature	Engine Coolant Temperature High	Engine Coolant Temperature Sensor
Engine Run Time	Engine Speed	Engine Torque
Estimated Gear Ratio	Fuel Pump Relay	Gear Commanded
Gear Ratio	Gear Selected	Grade Gear
GS Delay From Reverse to D1 Cell 3	GS TAP From Drive 4 to R Cell 1	GS TAP From Neutral to D1 Cell 1
GS TAP From Neutral to R Cell 1	GS TAP From Reverse to D1 Cell 1	GS TAP From Reverse to N Cell 2
GS TAV From Drive 4 to R Cell 1	GS TAV From Drive 4 to R Cell 2	GS TAV From Neutral to D1 Cell 1
GS TAV From Neutral to D1 Cell 2	GS TAV From Neutral to R Cell 1	GS TAV From Neutral to R Cell 2
GS TAV From Reverse to D1 Cell 1	GS TAV From Reverse to D1 Cell 2	Hot Mode
Ignition 0	Ignition 1	Ignition Voltage
IMS Range	IMS States A	IMS States B
IMS States C	IMS States D	Input Shaft Speed
Intake Air Temperature	Kickdown Enable	Last Output Speed Range
Last Shift Time	Last Shift Time Error	Last TAP
Lat TAP	Latest Shift	Latest Shift Error
Long Shift Delay	Long Shift Time	Loop Status

Low System Voltage	MAF	Manifold Air Pressure
Manual Forced Shift	Maximum Tap	Next Output Speed for Downshift
Next Output Speed for Upshift	Normal 1-2 Up Pressure - High	Normal 1-2 Up Pressure - Low
Normal 2-3 Up Pressure - High	Normal 2-3 Up Pressure - Low	Normal 3-4 Up Pressure - High
Normal 3-4 Up Pressure - Low	Number of DTC(s)	Overrun Shift
P1870 Slip Counter	PC Pressure	PC Solenoid
PC Solenoid A Actual Current	PC Solenoid A Duty Cycle	PC Solenoid A Reference Current
PC Solenoid Actual Current	PC Solenoid B Actual Current	PC Solenoid B Duty Cycle
PC Solenoid B Reference Current	PC Solenoid Duty Cycle	PC Solenoid Reference Current
Percent Grade	Power Enrichment	Preferred 1-2 Up Pressure - High
Preferred 1-2 Up Pressure - Low	Preferred 2-3 Up Pressure - High	Preferred 2-3 Up Pressure - Low
Preferred 3-4 Up Pressure - High	Preferred 3-4 Up Pressure - Low	Previous Gear
Sequenced Upshift	Shift Cancelled	Shift Delay
Shift Fail Counter	Shift Mode	Shift Pattern
Shift Request Voltage	Speed Noise	Speed Ratio
Standard TAP	Steady State Mode	Steady State Ratio Fail
Steady State Slip	Steady State Slip Accumulator	Steady State TAP
Steady State TAP 1GR	Steady State TAP 2GR	Steady State TAP 2GR/TCC
Steady State TAP 3GR	Steady State TAP 3GR/TCC	Steady State TAP 4GR
Steady State TAP 4GR/TCC	Steady State TAP Reverse	TAP 100% of TP
TAP 25% of TP	TAP 31% of TP	TAP 38% of TP
TAP 44% of TP	TAP 50% of TP	TAP 56% of TP
TAP 63% of TP	TAP 69% of TP	TAP 75% of TP
TAP 81% of TP	TAP 88% of TP	TAP 94% of TP
TAP Gear 1	TAP Gear 2	TAP Gear 2 TCC
TAP Gear 3	TAP Gear 3 TCC	TAP Gear 4

TAP Gear 4 TCC	TAP Reverse	TCC Apply Time
TCC Brake Switch	TCC Duty Cycle	TCC Duty Cycle Open/Short to GND
TCC Duty Cycle Short to Volts	TCC Enable	TCC Enable Open/Short to GND
TCC Enable Short to Volts	TCC Mode	TCC Off With Shift
TCC On With Shift	TCC Ramp	TCC Release Pressure
TCC Release Switch	TCC Slip Monitor	TCC Slip Speed
TCC Status	TCM EPROM Write	TCM EPROM Writes
TFP Range	TFP Switch	TFP Switch A
TFP Switch B	TFP Switch C	Throttle Angle
Throttle Position Angle	Throttle Position Delta	Throttle Position Desired Angle
Throttle Position Indicated Angle	Throttle Position Range	Throttle Position Sensor
Torque Converter Efficiency	Torque Management Duty	Torque Requested
TR Switch A	TR Switch B	TR Switch C
TR Switch P	Traction Control	Traction Control Status
Traction Control Torque	Traction Gear	Traction Slip In Control
Traction Spark is 0	Transfer Case Ratio	Transmission Fluid Temperature
Transmission Fluid Temperature Sensor	Transmission Hot Mode	Transmission ISS
Transmission Oil Life	Transmission Oil Life Left	Transmission Oil Life Remaining
Transmission OSS	Transmission Pressure	Transmission Range Switch
Transmission Slip Counter	Turbine Speed	Upshift
Upshift Desired	Upshift Pressure Error	Upshift Request
Vehicle Speed	VSS Delta	Wastegate Boost
Wastegate Solenoid		

### Engine Active Commands

1-4 Shift Lamp	1-4 Shift Solenoid	3 Speed Fan	A/C Clutch
A/C Relay	ABS Lamp	AFO Signal Enable	Air Pump
Air Pump Relay	Air Pump Relay and Solenoid	Air Pump Solenoid/Relay Test	Air Solenoid
Air System	All Relays	Auxiliary Cooling Fan	Auxiliary Cooling

			Fan
Boost Solenoid	Both Fan Relays	CAM Phaser Solenoid	Change Oil Lamp
Chassis Pitch Signal	Coolant Gauge	Crank Position Sensing Decoding Mode	Cruise Clutch
Cruise Disable	Cruise Enable	Cruise Inhibit	Cruise VSS Output
Cylinder Power Balance	Cylinder Power Balance >1500 RPM	EGR Solenoid	EGR Solenoid (PWM)
EGR System Seal	EGR Throttle Valve Solenoid	EGR Vent	Electro-viscous Fan
Engine Shut Off	Engine Speed Control	EVAP Purge Solenoid	EVAP Purge Solenoid (PWM)
EVAP Purge/Seal	EVAP System Performance	EVAP System Seal	EVAP Vent Solenoid
EVAP Vent Test	EVO	Fan Control 1	Fan Control 1 and 2
Fan Control 2	Fan Relay	Fan Relay 1	Fan Relay 2
Fan Relays 1, 2 and 3	Fan Relays 2 and 3	Fans High Speed	Fans Low Speed
First Gear Start	Forced Fuel Switch Over	Front O2 Sensor Heater	FRP Regulator Relay
Fuel Gauge	Fuel Gauge Relay	Fuel Injector Balance	Fuel Mode Indicator Lamp
Fuel Pressure Control	Fuel Pump	Fuel Pump Speed	Fuel Trim Enable
Fuel Trim Reset	GEN	GEN L-Terminal	Glow Plug
Glow Plug System Learn	Heated Oxygen Sensors	High Pressure Lockoff	HO2S Bank 1 Sensor 1
HO2S Bank 1 Sensor 2	HO2S Bank 2 Sensor 1	Hot Lamp	HVAC Performance
IAC Circuit Test	IAC Reset	Injector Disable	Intake Air Heater
Intercooler Pump	Loop Status	Low Coolant Lamp	Low Fuel Lamp
Low Oil Lamp	Low Pressure Lockoff	Low Speed Relay Only	Malfunction Indicator Lamp
Mixture Control Valve	O2S Heater Control	O2S Heater Driver 1	O2S Heater Driver 2
O2S Heater Driver 3	O2S Heater Driver 4	O2S Heater Driver V6	Odometer Reset
Oil Level Lamp	Oil Life Reset	Oil Pressure Lamp	PTO Relay
Rear O2 Heater Test	Rear O2 Sensor Heater	Red Brake Lamp	Remote Keyless Entry

Reset EGR ALM Cells	Reverse Inhibit	Service Engine Soon Lamp	Service Lamp
Service Spark Retard Reset	Shift Light	Skip Shift Solenoid	SP/High Speed Relays Only
Spark Modifier Reset	Spark Retard	Speedometer Gauge	Starter Inhibit
Steering Assist Solenoid	STS Lamp	Tachometer Control	Tachometer Gauge
TC Learn	TC Vane Position Control Solenoid	TC Vane Position Sensor	TCC Solenoid
TDC Learn	Throttle Blade Control	Throttle Position	Time Set
Traction Lamp	Traction Switch LED	Upshift Lamp	

### Body Active Commands

1st	2nd	3rd	4WD High Indicator Light
4WD High Lock Indicator	4WD Inicator	4WD Low Lock Indicator Light	A/C Defrost Solenoid
A/C LED	A/C Permission	A/C Request	ABS Lamp
Accessory Relay	Accessory Relay Command	Adjustable Pedal Calibration	AF Switching
Air Down Solenoid	Air Inlet Door	Air Inlet Door Position	Air Mix Door
Air Temperature	Air Up Solenoid	Alarm Warning	ALC Compressor Relay
ALC Exhaust Solenoid	ALC Headlamp	ALC Headlamp Relay	ALC Parking Lamps
ALC Parklamp Relay	All Doors Lock	All Doors Unlock	All Status LEDs
Alternator Lamp	AM Icon	Antenna	Antenna 1
Antenna 2	Antenna 3	Antenna 4	Audio Mute
Auto Calibration	Auto Headlamp Control	Auto Mode Blower LED	Auto Mode LED
Auto Parklamp Control	Automatic Headlamp Control	Automatic Parklamp Control	Auxiliary Air Temperature Door
Auxiliary Blower Motor	Auxiliary Mix Door	Auxiliary Mode Door	Auxillary Lamp
Backlight Dimming	Backup Lamps	Balance	Battery Life Lamp

Blower Motor	Blower Motor Relay	Blower Motor Speed	Blower Motor Test
Brake Lamp	Brake to Shift Control	Brake to Shift Relay	Calibrate HVAC Module
Cargo Door Unlock	Cargo Lamp On Indicator	Cassette Icon	CD Icon
Center I/P Speaker	Center Speaker	Change Oil Lamp	Charge Lamp
Check Engine Oil Level	Check Gauges Lamp	Chime	Chime Fast
Chime Medium	Chime Slow	Chime Test	Chime Tone 1
Chime Tone 2	Chime Tone 3	Cigar Lighter	Clear Alarm Information
Cluster Dimming	Console Door Position	Console Switch Lamp	Control Power
Coolant Gauge Sweep Test	Coolant Gauge Test	Coolant Gauge Sweep	Courtesy Lamp 1 and 2 w/dim
Courtesy Lamp 1 and 2 w/o dim	Courtesy Lamps	Cruise Control	Daytime Running Lamps
Daytime Running Lights	Defrost Door	Defrost LED	Defrost Mode
Deice Enable	Delay Accessory Bus	Delay Interior Lights	Device Enable
Differential Lock Indicator Light	Dimming	Display Test	Dolby
Door Backlight Test	Door Deadbolt Lock/Unlock	Door Lock	Door Lock/Unlock
Door Switch Backlight	Door Unlock	Drive	Driver Door Relay
Driver Door Unlock	Driver Front Vertical Motor Command	Driver Heated LED	Driver Heated Seat
Driver Heated Seat LED	Driver Heated Seat Request	Driver Horizontal Motor Command	Driver Lock
Driver Mirror Down	Driver Mirror Horizontal Motor	Driver Mirror Left	Driver Mirror Mirror
Driver Mirror Right	Driver Mirror Up	Driver Mirror Vertical Motor	Driver Rear Vertical Motor Command
Driver Recline Motor Command	Driver Temperature Door	Driver Temperature Door Position	Driver Window
Driver Window Motor	DRL Headlamps	DRL Parklamps	DTC All Segments Test
Electric	Engine Hot Lamp	English/Metric Lamp	Exit 1

Adjustable Pedal			
Exit 2	Exterior Courtesy Lamp	Exterior Lamps	Fade
Fan	Fan Speed	FM Icon	Fog Lamps
Fog Lamps Telltale	Folding Top	Front Down	Front Down and Seat Back
Front Down and Seat Reverse	Front Fog Lamps	Front Passenger Window Motor	Front Up
Front Up and Seat Forward	Front Up/Down	Front Wiper Relay	Fuel Door Lock Relay
Fuel Door Release	Fuel Door Unlock Relay	Fuel Gauge Sweep	Fuel Gauge Sweep Test
Fuel Gauge Test	Gauge Test	Gear Indicator Lamp	GEN L-Terminal
Green LED	Grid Test	Hatch Release	Head Lamps Require Telltale
Header Latch	Headlamp Washer Relay	Headlamps	Headlamps On Indicator
Heated Seat	Heated Seat Inhibit	Heated Seat LEDs	Heated Seat Mode
Heated Seat Temp	Heated Seats Load Shed 1	Heated Seats Load Shed 2	Heater Mode
High and Single Tone	High Beam Lamp	High Beam Relay	High Beam-Flash To Pass
High Beams	High Blower Relay	High Tone-Fast Rate	High Tone-Slow Rate
High/Low Beam Relay	Horizontal Motor	Horn	Horn Relay
Htr/Def/A/C Door Position	Htr/Def/A/C/ Door Position	HVAC Control Module	HVAC Lamp
I/P Illumination Lamps	Ignition Power Relay	Ignition Run Relay	Ignition Voltage
Inadvertant Power	Inadvertant Power 1	Inadvertant Power 2	Inadvertant Power Relay
Inadvertent Power	Inadvertent Power Relay	Incandescent Dim 1	Incandescent Dim 2
Incandescent Dimming	Indicator Test	Inside Air Temperature Fan	Inside Air Temperature Sensor Fan
Instant OAT Update	Instrumentation Backlight Dimming	Interior Dimming	Interior Lamps
Interior	Intrusion Sensor	IPC Gauges	Key Minder

Temperature Sensor Fan			
KPH Lamp	Lamp and Gauge Check	Lamp Test	LCD Display
LCD Intensity	LED Dimming	LED Intensity	Left Front Full Range
Left Front I/P Speaker	Left Front Speaker	Left Front Subwoofer Speaker	Left Front Turn Lamp/DRL
Left Front Turn Signal	Left Front Tweeter	Left Mirror Test-Mirror Left/Right	Left Mirror Test-Mirror Up/Down
Left Mix Motor	Left Rear Full Range	Left Rear Lock	Left Rear Seat Speaker
Left Rear Speaker	Left Rear Stop/Turn Signal Lamp	Left Rear Turn Signal	Left Rear Window
Left Side Front Access Panel	Left Side Rear Access Panel	Left Temperature Door Position	Left Turn Signal Lamp
Left Turn Turn Lamp Bank Envoy	LGM Open/Close Test	Lift Glass Release	Lighting for Theft
Lights on Minder	Load Management	Lock All Doors	Lock Switch Indicator
Lock/Unlock	Low and Single Tone	Low asher Fluid	Low Beam Relay
Low Beams	Low Coolant	Low Fuel	Low Fuel Lamp
Low I/P Courtesy Lamp	Low Tone-Fast Rate	Low Tone-Slow Rate	Lower Motor
Lumbar Down and Lumbar Back	Lumbar Forward	Lumbar Forward/Rearward	Lumbar Up
Lumbar Up/Down	Memory 1	Memory 1 Indicator	Memory 1 Recall
Memory 2	Memory 2 Indicator	Memory 2 Recall	Memory Exit 1 Recall
Memory Exit 2 Recall	Mirror Curb View	Mirror Down	Mirror Fold
Mirror Heat	Mirror Heater	Mirror Left	Mirror Left/Right
Mirror Relearn	Mirror Right	Mirror Up	Mirror Up/Down
Mix Actuator	Mix Motor	Mode	Mode 1 Door Position
Mode 2 Door Position	Mode Actuator	Mode Door Position	Motor A Driver High
Motor A Driver Low	Motor B Driver High	Motor B Driver Low	MPH Lamp
Neutral	Neutral Indicator Light	Occupant Restraint	Odometer Test
Oil Gauge Sweep	Oil Gauge Test	Oil Life Reset	Oil Pressure Lamp

Test			
Outside Air Mode	Pack Volts Gauge Sweep Test	Park	Park Brake Release
Park Key Lock Relay	Park Relay	Parking Lamps	Parking Lamps Relay
Passenger Door Unlock	Passenger Heated Seat	Passenger Heated Seat LED	Passenger Heated Seat Request
Passenger Lock	Passenger Mirror Down	Passenger Mirror Horizontal Motor	Passenger Mirror Left
Passenger Mirror Mirror	Passenger Mirror Right	Passenger Mirror Select LED	Passenger Mirror Up
Passenger Mirror Vertical Motor	Passenger Temperature Door	Passenger Temperature Door Position	Passenger Window
Passenger Window Lockout	Passlock Power	PBUS	Pedals Forward/Rearward
Perimeter Lighting	Phone Call Test	Position Lamp Relay	Power Control
Power Moding	Power Use Gauge Sweep Test	PRNDL Display	PSD Latch Test
Puddle Lamps	Pump Motor Direction	Pump Motor X Direction	Pump Motor Y Direction
RAP Relay	Read Defogger	Rear Compartment Lid Release	Rear Defog
Rear Defog Load Shed 1	Rear Defog Load Shed 2	Rear Defog Relay	Rear Defogger
Rear Defogger Relay	Rear Defogger	Rear Defrost	Rear Defrost LED
Rear Door Lock/Unlock	Rear Down	Rear Down and Recline Back	Rear Fog Lamp Relay
Rear Fog Lamps	Rear Subwoofer Coil 1	Rear Subwoofer Coil 2	Rear Up
Rear Up and Recline Forward	Rear Up/Down	Rear Wiper	Rear Wiper Relay
Recalibrate All Motors	Recalibration	Recirculation Actuator	Recirculation Door
Recirculation LED	Recirculation Mode	Recirculation Solenoid	Recline Backward
Recline Forward	Recline Forward/Rearward	Recline Motor	Red LED

Reduced Engine Power	Retained Accessory Power	Reverse	Reverse Lamp Relay
Reverse Lockout	Reverse Relay	RFA Link Output	Right Front Full Range
Right Front I/P Speaker	Right Front Speaker	Right Front Subwoofer Speaker	Right Front Turn Lamp/DRL
Right Front Turn Signal	Right Front Tweeter	Right Mirror Test-Mirror Left/Right	Right Mirror Test-Mirror Up/Down
Right Mix Motor	Right Rear Full Range	Right Rear Lock	Right Rear Seat Speaker
Right Rear Speaker	Right Rear Stop/Turn Signal Lamp	Right Rear Turn Signal	Right Rear Window
Right Side Rear Access Panel	Right Temperature Door Position	Right Turn Signal Lamp	Roof System
Rotation Motor	Run/Crank Relay	Seat Belt Lamp	Seat Belt Telltale
Seat Forward	Seat Forward/Rearward	Seat Reverse	Second Head LED Driver
Security Lamp	Security LED	Security Telltale	Select Solenoid 1
Select Solenoid 2	Select Solenoid 3	Select Solenoid 4	Select Solenoid 5
Service 4WD Lamp	Service Now Lamp	Service Throttle Soon	Solenoid 1 - Defroster
Solenoid 2 - Heater	Solenoid 3 - Defrost/Heater	Solenoid 4 - Air Inlet	Solenoid 5 - A/C Mode
Source	Speed Gauge Sweep Test	Speed Gauge Test	Speedometer Gauge Sweep
Starter Enable	State of Charge Gauge Sweep Test	Steering Column Lock	Switch Dimming Feed
Switch Dimming Test	Tachometer Gauge Sweep	Tachometer Gauge Sweep Test	Tachometer Gauge Test
Telescope In/Out	Temperature Lamp	Theater Dimming 1	Theater Dimming 2
Tilt Up/Down	Tire Pressure Reset	Torso Motor Inward/Outward	Traction Lamp
Traction Switch LED	Transmission Fluid Hot	Trunk Release	Trunk Release Relay
Twilight Telltale	Unlock All Doors	Unlock Doors	Unlock Other Doors
Upper Motor	Upshift Lamp	Valve 1	Valve 2
Valve 3	Valve 4	Vent Mode	VF Dim
Volt Gauge Test	Volts Gauge Sweep Test	Water Pump Control	Water Valve

Window Express Down	Window Peak Detect Discharge	Window Up/Down	Wiper Motor Low/Hi Speed Relay
Wiper Motor Relay	Wiper Relay	Wiper Washer Motor	

### Chassis Active Commands

2 Wheel Steer Mode Lamp	4 Wheel Steer Mode Lamp	4WS Tow Mode Lamp	ABS Indicator Lamp
ABS Lamp	ABS Motor	ABS Motor Test Pistons Down - Release	ABS Motor Test Pistons Up - Home
ABS Pump Motor Test	ABS Relay	ABS Relay Test	ABS Warning Lamp
ALC Compressor Relay	ALC Compressor Test	ALC Exhaust Solenoid	ALC Exhaust Valve Test
All Shock Solenoids	Brake Lamp	Chassis Pitch Signal	Command 4WS Tow
Command Four Wheel Steer	Command Rear Steer Left	Command Rear Steer Right	Command Two Wheel Steer
Compressor Test	Depressurize System	EVO PWM	EVO Solenoid Test
Exhaust Solenoid	Extended Ride Height Lamp	Extended Ride Height Switch	Inflator Switch
Inflator Switch Lamp	Learn Lateral Accelerometer	Left Air Solenoid	Left Front ABS Motor Apply
Left Front ABS Motor Release	Left Front Brake Apply	Left Front Damper Actuator	Left Front Dump Valve
Left Front Hold Solenoid	Left Front Inlet Valve Solenoid	Left Front Isolation Valve	Left Front Outlet Valve Solenoid
Left Front Release Solenoid	Left Front Shock Solenoid	Left Front Solenoid	Left Front Solenoid Valve Test
Left Front TCS Isolation Valve	Left Front TCS Prime Value	Left Rear Brake Apply	Left Rear Damper Actuator
Left Rear Dump Valve	Left Rear Hold Solenoid	Left Rear Inlet Valve Solenoid	Left Rear Isolation Valve
Left Rear Outlet Valve Solenoid	Left Rear Release Solenoid	Left Rear Shock Solenoid	Left Rear Solenoid Valve Test
Low Traction Lamp	Rear Dump Valve	Rear Isolation Valve	Red Brake Lamp
Requested Torque	Ride Control Lamp Test	Right Air Solenoid	Right Front ABS Motor Apply

Right Front ABS Motor Release	Right Front Brake Apply	Right Front Damper Actuator	Right Front Dump Valve
Right Front Hold Solenoid	Right Front Inlet Valve Solenoid	Right Front Isolation Valve	Right Front Outlet Valve Solenoid
Right Front Release Solenoid	Right Front Shock Solenoid	Right Front Solenoid	Right Front Solenoid Valve Test
Right Front TCS Isolation Valve	Right Front TCS Prime Valve	Right Rear Brake Apply	Right Rear Damper Actuator
Right Rear Dump Valve	Right Rear Hold Solenoid	Right Rear Inlet Valve Solenoid	Right Rear Isolation Valve
Right Rear Outlet Valve Solenoid	Right Rear Release Solenoid	Right Rear Shock Solenoid	Right Rear Solenoid Valve Test
Select All Dampers	Sensor Learn Mode Enable	Steer Mode Lamp	Steering Tuning Selection
TCS Active Lamp	TCS Indicator Lamp	TPM Option Enable	Traction Engaged Message
Traction Off Lamp	Traction Switch LED	VES Actuator Test	VES Slew Test

### Transmission Active Commands

1-2 Solenoid	2-3 Solenoid	2nd Gear Start Lamp	3-2 Downshift Solenoid
Actuator Audible Check	All Wheel Drive Solenoid	Clear 1-2 Tap	Clear 2-1 Tap
Clear 2-3 Tap	Clear 3-2 Tap	Clear 3-4 Tap	Clear 4-3 Tap
Clear 4-5 Tap	Clear 5-4 Tap	Clear All Garage Shift Tap	Clear All Tap Cells
Fuel Composition Reset	Learn Tap	Oil Life Reset	PC Solenoid
Preset All TAP Cells	Pressure Control Solenoid A	Pressure Control Solenoid B	Reset Transmission Adapts
Shift	Shift 1-2	Shift 3-4	Shift Solenoid C
Shift Solenoid D	Shift Solenoid E	Shift Transmission	Solenoid Audible Check
Solenoid G Modulated Pressure	Steady State	TCC Control Solenoid	TCC Enable
TCC Solenoid	Transmission Oil Life Reset	Transmission Solenoid Power	