

OBD II Pro Plus
Enhanced Ford Module List
[Systems](#) [Sensors](#) [Commands](#)

Supported Systems

ABS/Traction Control	Air Suspension/EVO
Airbag	Airbag CAN
Alternative Fuel Control CAN	Anti-Lock Brake
Anti-Lock Brake Traction Control CAN	Anti-Lock Brake/Traction Control CAN
Audio Control Module	Automatic Ride Control
Auxiliary Fuel Control	Body Elec.
BodyElec	Central Security
Ctrl4x4	Ctrl4x4 CAN
Driver Door	Driver Seat
Elec./Dual Auto Temp Control	Electronic Automatic Temperature Control CAN
Electronic Park Brake	Enhanced Powertrain
Enhanced Powertrain 2	Enhanced Powertrain CAN
Front Control Unit	Front Electronics
Fuel Injection Control CAN	GEM/Central Timer
Hybrid Electric Vehicle CAN	Hybrid Electronic Cluster
Instrument Cluster	Instrument Cluster CAN
Interactive Vehicle Dynamics	Left Headlamp Control
Left-Hand Power Sliding Door	Liftgate/Trunk
Light Control	Message Center
Navigation	Next Generation Speed Control
Overhead Trip Computer	Overhead Trip Computer 2
Park Aid	Passenger Door
Passenger Seat	Passive Anti-Theft
Rear Air Suspension	Rear Electronic
Remote Anti-Theft Personality	Remote Climate Control
Remote Emerg. Satellite Cell. Unit	Right Headlamp Control
Right-Hand Power Sliding Door	Semi-Active Ride Control
Semi-Automatic Temp. Control	Steering Column Integrated Light
Steering Column Locking	Tire Pressure Monitor
Tire Pressure Monitor CAN	Transmission Control CAN
Variable Assist Power Steering	Variable Load Control

Vehicle Dynamics	Virtual Image Cluster

Sensors

# of Continuous Trouble Codes Set	Airbag Programmed Vehicle ID
Bracket Ground Resistance	Driver Airbag Loop #2 Resistance
Driver Airbag Resistance	Driver Airbag Resistance - ECS/RCM
Driver Airbag Resistance - IABM	Driver Buckle Resistance
Driver Buckle Switch State	Driver Pretensioner Circuit Res.- ECS/RCM
Driver Pretensioner Circuit Resistance	Driver Side Curtain Resistance
ECS Bracket Ground Resistance	External Crash Sensor Test Voltage
Front Pass. Occupant Pos System State	IABM Bracket Ground Resistance
Ignition Voltage #2	Internal Backup Power Supply Voltage Value
I-PAD Switch State	Occupant Classification System
Pass Pretensioner Circuit Resistance	Pass Pretensioner Circuit Resistance - ECS/RCM
Passenger Airbag Loop #2 Resistance	Passenger Airbag Resistance
Passenger Airbag Resistance - ECS/RCM	Passenger Airbag Resistance - IABM
Passenger Buckle Resistance	Passenger Buckle Switch State
Passenger Side Curtain Resistance	Primary Crash Sensor #1 Ground
Primary Crash Sensor #1 Ground - ECS	Primary Crash Sensor #1 Ground - IABM
Primary Crash Sensor #2 Ground - IABM	RCM Bracket Ground Resistance
RCM Programmed Vehicle ID	RCM Version Conflicts with Driver Side Crash Sensor Version
RCM Version Conflicts with Front Crash Sensor Version	RCM Version Conflicts with Hard Wire VID
RCM Version Conflicts with OCS Version	RCM Version Conflicts with Pass Side Crash Sensor Version
Seat Track Position Switch State	Side Airbag Resistance - Driver side
Side Airbag Resistance - Passenger side	System Battery Voltage #4
System Battery Voltage Value #1	Vehicle ID Voltage #1
Vehicle ID Voltage #2	Vehicle ID Voltage #3
# of Continuous Trouble Codes Set	Airbag Programmed Vehicle ID
Bracket Ground Resistance	Driver Airbag Loop #2 Resistance

Driver Airbag Resistance	Driver Airbag Resistance - ECS/RCM
Driver Airbag Resistance - IABM	Driver Buckle Resistance
Driver Buckle Switch State	Driver Pretensioner Circuit Res.- ECS/RCM
Driver Pretensioner Circuit Resistance	Driver Side Curtain Resistance
ECS Bracket Ground Resistance	External Crash Sensor Test Voltage
Front Pass. Occupant Pos System State	IABM Bracket Ground Resistance
Ignition Voltage #2	Internal Backup Power Supply Voltage Value
I-PAD Switch State	Occupant Classification System
Pass Pretensioner Circuit Resistance	Pass Pretensioner Circuit Resistance - ECS/RCM
Passenger Airbag Loop #2 Resistance	Passenger Airbag Resistance
Passenger Airbag Resistance - ECS/RCM	Passenger Airbag Resistance - IABM
Passenger Buckle Resistance	Passenger Buckle Switch State
Passenger Side Curtain Resistance	Primary Crash Sensor #1 Ground
Primary Crash Sensor #1 Ground - ECS	Primary Crash Sensor #1 Ground - IABM
Primary Crash Sensor #2 Ground - IABM	RCM Bracket Ground Resistance
RCM Programmed Vehicle ID	RCM Version Conflicts with Driver Side Crash Sensor Version
RCM Version Conflicts with Front Crash Sensor Version	RCM Version Conflicts with Hard Wire VID
RCM Version Conflicts with OCS Version	RCM Version Conflicts with Pass Side Crash Sensor Version
Seat Track Position Switch State	Side Airbag Resistance - Driver side
Side Airbag Resistance - Passenger side	System Battery Voltage #4
System Battery Voltage Value #1	Vehicle ID Voltage #1
Vehicle ID Voltage #2	Vehicle ID Voltage #3
# of Continuous Codes	# of Continuous Trouble Codes Set
4WD Input Switch	ABS Hydraulic Pump Motor
ABS Modulate	ABS Power Relay Output State
ABS Tire warning reset switch status	ABS Valve Control Relay
ABS Warning Output Status	Acceleration #1 Switch
Acceleration #2 Switch	Accelerometer
Base T/C Function Only	Booster Brake Pedal Force Sw Normally Closed

Booster Brake Pedal Force Sw Normally Open	Booster Dump Point
Booster Failure Count	Booster Learn Cycle Successful
Booster Main Pressure Transducer Failure	Booster Mechanical Failure
Booster Rise Point	Booster Secondary Pres Transducer Failure
Booster Sol Normally Closed Sw Failure	Booster Sol Normally Open Sw Failure
Booster Solenoid Abnormal Current	Booster Solenoid Brake Switch Failure
Booster Solenoid Circuit Failure	Booster Solenoid Output State
Brake Fluid Level Okay	Brake Fluid Line Hydraulic Pres Sensor Input
Brake Hydraulic Pres Transducer Main Signal	Brake Hydraulic Pres Transducer Redundant Signal
Brake Hydraulic Pump Control Input Sw	Brake Pad Wear Switch Okay
Brake Pedal Switch	Brake Pump Motor Status
Brake Switch Input	Brake Warning Output Status
BTCS State	Change In Rise Point
Configuration Block \$00 Written	Configuration Block \$01 Written
Configuration Block \$02 Written	Configuration Block \$03 Written
Configuration Block \$04 Written	Configuration Block \$05 Written
Configuration Block \$06 Written	Configuration Block \$07 Written
Engine Configuration Message	Engine Cylinders Mismatch
Engine Displacement Mismatch	Engine Valves Mismatch
Ignition Voltage	Intervention Motor Drive Signal Duty Cycle
Intervention Motor Throttle Position	IVD Low Pres Feedback Secondary State
IVD Low Pressure Feedback Primary State	IVD Sensors Supply Voltage
IVD State	Lateral Acceleration Value
Lateral Acceleration Rate	Lateral Accelerometer #2
Lateral Accelerometer Input Circuit	Left Front ABS Inlet Valve
Left Front ABS Outlet Valve	Left Front Traction Cont Priming Valve Output
Left Front Traction Cont Swing Valve Output	Left Front Wheel Speed Sensor
Left Front Wheel Speed Sensor Input	Left Rear Traction Cont Priming Valve Output
Left Rear Traction Cont Swing Valve Output	Left Rear Wheel Speed Sensor
Left Rear Wheel Speed Sensor Input	Longitudinal Acceleration Rate

Low Air Brake Pressure Switch	Operational Strategy Status
Park Brake Switch	Pump Motor Relay
Rear Differential Wheel Speed Sensor Input	Rear OR Left Rear ABS Inlet Valve
Rear OR Left Rear ABS Outlet Valve	Rear Reset Switch Shuttled
Right Front ABS Inlet Valve	Right Front ABS Outlet Valve
Right Front Traction Cont Priming Valve Output	Right Front Traction Cont Swing Valve Output
Right Front Wheel Speed Sensor	Right Front Wheel Speed Sensor Input
Right Rear ABS Inlet Valve	Right Rear ABS Outlet Valve
Right Rear Traction Cont Priming Valve Output	Right Rear Traction Cont Swing Valve Output
Right Rear Wheel Speed Sensor	Right Rear Wheel Speed Sensor Input
Safety Relay	Steering Angle Sensor Calibration Results
Steering Angle Sensor Calibration status	Steering Wheel Angle
Steering Wheel Angle #1 Input	Steering Wheel Angle #2 Input
Switch Test Signal Output State	TC or TC/YC Function Available State Status
TC or TC/YC Push Button Sw Input Status	TC Switch
TC Warning Lamp	TCS Modulate
TCS State	Traction Assist 'ACTIVE' Indicator Status
Traction Assist 'OFF' Indicator Switch	Traction Cont Right Control Valve Output
Traction Control Left Cont Valve Output	Trans Configuration Message
Trans Type Mismatch	Vehicle Type Mismatch
VIN Comparison Complete	VIN Message
Yaw Rate Sensor #2	Yaw Rate Sensor Input
Yaw Rate Value	Yaw Rate Value #2
Booster Brake Pedal Force Sw Normally Open	Booster Learn Cycle Completed
Booster Main Pressure Transducer Status	Booster Solenoid Brake Switch Failure
Booster Solenoid Output State	Brake ON/OFF
Continuous Codes	Current Cycle Booster Learn Cycle Complete
Current Cycle Booster Learn Cycle Test Failed	Current Cycle Lat Accel Sensor Init. Complete
Current Cycle Lateral Accel Sensor Init Test	Current Cycle SWA Lock To Lock Test

Failed	Passed
Current Cycle Yaw Rate Init Complete	Current Cycle Yaw Rate Init Test Failed
Electronic Stability Program/Interactive Vehicle Dynamics Sensor Supply Voltage	Interactive Vehicle Dynamics Booster Sol Status
Lateral Accel Sensor Init Complete	Lateral Acceleration Rate
Lateral Accelerometer Input Circuit	Left Front Inlet Valve State
Left Front Outlet Valve State	Left Front Wheel Speed Sensor
Left Rear Inlet Valve State	Left Rear Outlet Valve State
Left Rear Wheel Speed Sensor	Longitudinal Acceleration Value
Main Brake Pressure	Pump Motor Relay
Right Front Inlet Valve State	Right Front Outlet Valve State
Right Front Wheel Speed Sensor	Right Rear Inlet Valve State
Right Rear Outlet Valve State	Right Rear Wheel Speed Sensor
Roll Rate	Steering Wheel Angle
Steering Wheel Angle 1 Circuit Status	Steering Wheel Angle 1 Input State
Steering Wheel Angle 2 Circuit Status	Steering Wheel Angle 2 Input State
SWA Lock to Lock Passed	Traction Assist Left Ctrl Valve Status
Traction Assist Right Ctrl Valve Status	Traction Control Switch Status
Traction Control System	Valve Control Relay
Yaw Rate Initialization Complete	Yaw Rate Sensor Input Circuit Status
Yaw Rate Value	# of Continuous Trouble Codes Set
AM Switch	Audio Steering Switch Circuit Resistance
Audio System Signal	Autoset Switch
Balance Switch	Band Switch
Bass Switch	CD / DJ
CD Switch	Cellular Phone
Center Image Amplifier	Clock
Clock Display Enable Input	DSP Effects
DSP Switch	Eject Switch
Fade Switch	FM Switch
Memory Switch	Menu Switch
Minidisc Deck	Phone Switch
Phone Transceiver Active Input	Power Switch
Preset 1 Switch	Preset 2 Switch

Preset 3 Switch	Preset 4 Switch
Preset 5 Switch	Preset 6 Switch
RBDS	RBDS Switch
Rear Seat Controls	Scan Switch
Seek Decrease Switch	Seek Increase Switch
Single CD Player	Steering Wheel Controls
Subwoofer Amplifier	Tape Deck
Tape Switch	Treble Switch
Tune Decrease Switch	Tune Increase Switch
Volume - Switch	Volume + Switch
Volume Decrease Switch	Volume Increase Switch
# of Continuous Trouble Codes Set	Actual EGR Mass Flow
Bank 1 Upstream O2S Input	Bank 2 Upstream O2S Input
Barometric Pressure - High Res	Cluster Fuel Gauge Drive Signal
Degrees additional spark advance	Engine Coolant Temperature Input
Engine Injector Pressure Input - PSI	Engine Speed Based Upon CKP Input
EVAP Emissions Canister Purge Control	Fuel Gauge Commanded Position
Fuel Inj Pulse Width #1 for Alt Fuel Ctrl Module	Fuel Inj Pulse Width #2 for Alt Fuel Ctrl Module
Fuel Rail Temp	Fuel Tank Pres before any failure mode substitution
Fuel Tank Pressure Transducer	Ignition Switch Position
Intake Air Temperature Input	Manifold Absolute Pressure
Mass Airflow Rate Input	Mass Fuel Desired
Run Time in Alternate Fuel Mode	Run Time in Gasoline Mode
Short Term Fuel Trim Bank 1	Temperature Sensor Input #1
Temperature Sensor Input #2	Throttle Position Input
Time Since Engine Start	Vehicle Power Voltage
# of Programmed Transmitters	# of Continuous Trouble Codes Set
4WD Input Switch	Alarm Event-2nd Last
Alarm Event-3rd Last	Alarm Event-4th Last
Alarm Event-Last	Anti-Theft Trigger Status
Autolamp Analog Input Status	Autolamp ON Switch
Brake Pedal Switch	Central Lock Switch
Central Unlock Switch	Decklid / Hatch Ajar

Decklid Lamp Status	Driver Door Ajar
Driver Door Lock Cylinder	Driver Keyless Entry Switch Status
Driver Lock Activated	Driver Unlock Activated
Factory Keyless Entry Code	Fuel Door Ajar
Hood Ajar	Horn Control Driver
Ignition Position Switch	Key In Ignition
Keypad Lamp Driver Output State	Last 8 Alarm Events
Last Remote Keyless Entry Received	Left Rear / Sliding Door Ajar
Left Rear Lock Activated	Memory Set / Recall 1 Switch
Memory Set / Recall 2 Switch	Memory Set Switch
Moonroof Ajar	Panic Alarm Switch
Park Lamp Output	Passenger Door Ajar
Passenger Lock Activated	Reset Alarm Switch
Right Rear / Sliding Door Ajar	Right Rear Lock Activated
Security Speed Signal	Set Alarm Switch
System Battery Voltage Value #1	Tailgate or Hood ATI
Trunk Release Input Switch	Unlock Select Switch
# of Continuous Trouble Codes Set	4WD Clutch Out Status
4WD High Driver Output State	4WD Input Switch
4WD Low Driver Output State	4x4 Low Mode Switch LED Status
ABS Power Relay Output State	Brake Pedal Switch
CCW Four Wheel Drive Shift Motor Output Status	Center Axle Hall PWR
CW Four Wheel Drive Shift Motor Output Status	Driver Door Ajar
Ignition Switch RUN Position	Integrated Wheel Ends Solenoid Status
Neutral in Tow	Neutral Safety Switch
Neutral In Tow Lamp Output Status	Pulse Width Module Duty Cycle #1
Run / Acc Position	Run / Start Position
System Battery Voltage Value #1	Throttle Position Status
Transfer Case Contact Plate A	Transfer Case Contact Plate B
Transfer Case Contact Plate C	Transfer Case Contact Plate D
Transfer Case Front Output Shaft Speed	Transfer Case Rear Output Shaft Speed
Vehicle Speed - High Resolution	4WD clutch PWM status
Brake ON/OFF	Continuous Codes

Front Shaft Speed	Integrated Wheel Ends Solenoid Status
Neutral safety switch	Neutral Tow Function
Neutral Tow Light	Rear Shaft Speed
Shift Relay Coil Status - Clockwise	Shift Relay Coil Status - Counter Clockwise
Throttle Position Status	Trans Transfer Clockwise Motor Output
Trans Transfer Counter Clockwise Motor Output	Transfer Case Contact Plate Switch A
Transfer Case Contact Plate Switch B	Transfer Case Contact Plate Switch C
Transfer Case Contact Plate Switch D	# of Continuous Trouble Codes Set
# of Programmed Transmitters	All Doors Lock Output Status
All Doors Lock Sense	Brake Pedal Switch
Central Door Unlock Switch Status	Decklid / Hatch Release Switch
Decklid Driver Output State	Door Unlock Disarm Input Switch Status
Driver Door Ajar	Driver Door Cylinder Switch
Driver Door Handle Activated	Driver Doors Unlock Driver Output State
Driver Down Activated	Driver Keyless Entry Switch Status
Driver Lock Activated	Driver Mirror Horizontal Pos Sensor Present
Driver Mirror Horizontal Position	Driver Mirror Position
Driver Mirror Vertical Pos Sensor Present	Driver Seat Input Switch Status
Driver Seat Occupied	Driver Unlock Activated
Driver Up Activated	Driver Window Down
Driver Window One Touch Switch	Express Down Switch
External Access Handle Input Sw Status	Factory Keyless Entry Code
High Series DDM	Ignition Switch - Accy Position
Ignition Switch - Off/Lock Position	Ignition Switch - Off/Unlock Position
Ignition Switch - START Position	Ignition Switch RUN Position
Key In Ignition	Last Remote Keyless Entry Received
Left Rear / Sliding Door Ajar	Left Rear Down Activated
Left Rear Up Activated	Memory LED Driver Output State
Memory Off Switch	Memory Set / Recall 1 Switch
Memory Set / Recall 2 Switch	Memory Set / Recall 3 Switch
Memory Set Switch	Module Type ID

Park / Neutral Selected	Pass Door Unlock Latch Motor Feedback Status
Passenger Door Ajar	Passenger Down Activated
Passenger Up Activated	Power Mirror Input Switch Status
Power Window Driver Peak Motor Current	Primary Lock Input Switch Status
Right Rear / Sliding Door Ajar	Right Rear Down Activated
Right Rear Up Activated	Set Window Input Switch Status - Group 1
System Battery Voltage Value #1	Vehicle Power Voltage
Window Driver Output State	# of Continuous Trouble Codes Set
# of Transitions Due to I/O Test	Driver Mirror Horizontal Pos Sensor Present
Driver Mirror Position % RT	Driver Mirror Position % Up
Driver Mirror Vertical Pos Sensor Present	Driver Seat Forward/Rearward Pos Sensor Present
Driver Seat Front Up/Down Pos Sensor Present	Driver Seat Front Vertical Position
Driver Seat Horizontal Position	Driver Seat Input Switch Status
Driver Seat Occupied	Driver Seat Pedals Rearward / Forward Pos
Driver Seat Rear Up/Down Pos Sensor Present	Driver Seat Rear Vertical Position
Driver Seat Recline Pos Sensor Present	Driver Seat Recline Position
Driver Seatback Autoglide Forward Switch	Driver Seatback Autoglide Rearward Sw
Driver Side Front Seat Belt Fastened	Memory Set / Recall 1 Switch
Memory Set / Recall 2 Switch	Memory Set Switch
Park / Neutral Selected	Pass Mirror Horizontal Pos Sensor Present
Pass Mirror Vertical Pos Sensor Present	Passenger Mirror Position % Right
Passenger Mirror Position % Up	Pedal Position Sensor Present
Pedal Position Switch	Power Mirror Input Switch Status
System Battery Voltage Potential	System Battery Voltage Potential Status
System Battery Voltage Value #1	Vehicle Power Voltage
# of Continuous Trouble Codes Set	A/C Blend Door Output Position
A/C Blower Motor Output Relay	A/C Blower Motor Output Speed 1
A/C Blower Motor Output Speed 2	A/C Driver Heater Sensor
A/C Mode Door Output Position	A/C Passenger Heater Sensor
A/C Post EVAPorator Sensor	Climate Control Blend Door Pos Feedback

Climate Control Bypass Servo Pos Status	Climate Control Defrost Servo Pos Status
Climate Control Floor Servo Pos Status	Climate Control Input Switch Status 1A
Climate Control Input Switch Status 1B	Climate Control Input Switch Status 2A
Climate Control Input Switch Status 2B	Climate Control Panel Servo Pos Status
Climate Ctrl Heater Coolant Temp Sensor	Climate Ctrl Recirculation Servo Pos Status
Driver Climate Control Water Valve	Exterior Temp Sensor Unfiltered Data #2
Exterior Temperature	External Temp Sensor Filtered Data #2
Humidity Sensor Output	Ignition Status
Interior Actual Temperature	Interior Actual Temperature #2
Left Blend Door Position	Left Heated Seat Icon
Lock Blower Rotor	Maximum A/C
Park Lamp Output	Passenger Climate Control Water Valve
Pulse Width Module Duty Cycle #1	Rear Defrost Status
Right Blend Door Position	Right Heated Seat Icon
Steering Wheel Climate Control Input	Sun Load Temperature
Sunload Sensor A/D Range	System Battery Voltage Value #1
# of Continuous Trouble Codes Set	# of Continuous Codes
Apply Switch Active	Brake ON/OFF Switch
Calibration Performed	Fully Applied
Fully Released	Ignition Switch - Accy Position
Ignition Switch - Off/Lock Position	Ignition Switch - Off/Unlock Position
Ignition Switch - START Position	Ignition Switch RUN Position
In Gear	Key In Ignition
Motor Applying	Motor Releasing
Partial Apply	Run / Acc Position
Run / Start Position	Trans Gear Selected
Yellow Fault Wrn Lamp Indicator Driver	# of Completed OBDII Drive Cycles
# of Completed OBDII Trips	# of Continuous Trouble Codes Set
# of Drive Cycles Since Misfire Time	(WOT) AC Clutch Primary Circuit Monitor High
4x4 Low	A/C Clutch Command
A/C Head Pressure	A/C Head Pressure Switch Input
A/C Head Pressure Switch Input - Volts	A/C Post EVAP Sensor

A/C Refrig Discharge Temperature	Accelerator Pedal Position
Accelerator Pedal Position - Volts	Active Axle Ratio
Active Tire Size	ADPT1F
Air Conditioning Clutch	Air Conditioning Cycling Switch Input
At Time of Misfire: EGRDPFESensor	At Time of Misfire: Engine Load
At Time of Misfire: Engine RPM	At Time of Misfire: Engine Running Time
At Time of Misfire: Engine-off Soak Time	At Time of Misfire: In Drive
At Time of Misfire: Intake Air Temp	At Time of Misfire: Throttle Position
At Time of Misfire: Vehicle Speed	Bank 1 Downstream O2S Heater Circuit Fault
Bank 1 Downstream O2S Heater Circuit Mon	Bank 1 Downstream O2S Heater Control
Bank 1 Downstream O2S Heater Current Mon	Bank 1 Downstream O2S Input
Bank 1 Downstream O2S Volt Before CSD	Bank 1 Upstream HEGO Voltage
Bank 1 Upstream O2S Heater Circuit Fault	Bank 1 Upstream O2S Heater Circuit Mon
Bank 1 Upstream O2S Heater Control	Bank 1 Upstream O2S Heater Current Mon
Bank 1 Upstream O2S Input	Bank 2 Downstream O2S Heater Circuit Mon
Bank 2 Downstream O2S Heater Control	Bank 2 Downstream O2S Heater Current Mon
Bank 2 Downstream O2S Input	Bank 2 Downstream O2S Volt Before CSD
Bank 2 Upstream HEGO Voltage	Bank 2 Upstream O2S Heater Circuit Mon
Bank 2 Upstream O2S Heater Control	Bank 2 Upstream O2S Heater Current Mon
Bank 2 Upstream O2S Input	Barometric Pressure
Barometric Pressure - Hz	Barometric Pressure - PSI
Barometric Pressure - Volts	Barometric Pressure FMEM Flag
Barometric Pressure Input	Barometric Pressure Reading
Blower Motor On/Off	Brake ON/OFF Switch
Brake Pedal Pos/Brake On-Off Sw Input	Brake Pedal Switch Input
Brake Pressure Applied	Calculated Engine Load
Calculated Turbine Speed	CAM Duty Cycle

Camshaft Position Sensor	Camshaft Position Sensor Fault Mode
CAN Fail	Cannister Not Venting Failure Mode
Catalyst Fault Monitor	CCM Fault Monitor
Clutch Pedal is Depressed	Clutch Pedal Position - Trans Control SW
Clutch Pedal/Park Neutral Pos Sw Input	Coast Clutch Solenoid Circuit Monitor
Coast Clutch Solenoid Control	Coast Clutch Solenoid Output Fault
Coast Switch	Cold Advance Solenoid
Commanded Duty Cycle for VCT Solenoid	Commanded Gear by OSC
Conditions Correct to Enable VCT	Cylinder 1 Change Rotational Velocity
Cylinder 2 Change Rotational Velocity	Cylinder 3 Change Rotational Velocity
Cylinder 4 Change Rotational Velocity	Cylinder 5 Change Rotational Velocity
Cylinder 6 Change Rotational Velocity	Cylinder 7 Change Rotational Velocity
Cylinder 8 Change Rotational Velocity	Cylinder Head Temp Currently Unreliable
Cylinder Head Temp Indicator Light	Cylinder Head Temp Indicator Light Fault
Cylinder Head Temperature Input	Cylinder Head Temperature Input - Volts
Daytime Running Lamps	Desired Engine RPM
Desired Idle Speed Control RPM	Differential Pressure Feedback EGR Input
EGO1 Sensor Failure	EGO2 Sensor Failure
EGR Duty Cycle Demand	EGR Fault Monitor
EGR Motor Control 1 Fault Present	EGR Motor Control 1 Output Command
EGR Motor Control 2 Fault Present	EGR Motor Control 2 Output Command
EGR Motor Control 3 Fault Present	EGR Motor Control 3 Output Command
EGR Motor Control 4 Fault Present	EGR Motor Control 4 Output Command
EGR Open Circuit Detected	EGR Short to Ground Detected
EGR Valve Vacuum Control	EGR Valve Vacuum Sol Output Fault
EGR Valve Vent Sol Output Fault	EGR ValvePos for sonic EGRSystems
Electronic Pressure Cont Trans Shift Cmd	Electronic Pressure Control A
Electronic Pressure Control A Commanded	Electronic Pressure Control B
Electronic Pressure Control B Commanded	Electronic Pressure Control C
Electronic Pressure Control C Commanded	Electronic Pressure Control D Commanded

Electronic Pressure Ctrl Sol A	Enable Baro Read
Engine Coolant Temperature	Engine Coolant Temperature Input
Engine Coolant Temperature Input - Volts	Engine Coolant Temperature State
Engine Currently Misfiring	Engine Enable Input
Engine Fuel Sol Valve Secondary Monitor	Engine Fuel Solenoid Valve Fault
Engine Fuel Temp - Bank 1 Input	Engine Fuel Temp - Bank 1 Input - Volts
Engine Fuel Temp - Bank 2 Input	Engine Fuel Temp - Bank 2 Input - Volts
Engine Injector Pressure Input - PSI	Engine Injector Pressure Input - Volts
Engine Oil Temperature Fault Detection	Engine Oil Temperature Input
Engine Oil Temperature Input - Volts	Engine RPM
EOT before FMEM substitution	EPC Continuous Transmission Shift
EPC Continuous Transmission Shift - Volts	EVAP .020" Leak Check Complete
EVAP .020" Leak Check Conditions Present	EVAP .020" Leak Chk Allowed After Refuel
EVAP Emissions Canister Purge Duty Cycle	Evaporative Emission Canister Purge Fault
Evaporative Emission Canister Vent Valve	Evaporative Emission Monitor
Evaporative Emission Vapour Management Fault	Evaporative Vapour Management Actual
Exhaust Back Pressure	Exhaust Back Pressure - Volts
Exhaust Back Pressure Duty Cycle	Exhaust Gas Recirc Valve Pos
Exterior Temp Sensor Unfiltered Data #2	Fan Monitor High
Flex Fuel Alcohol Content	Flex Fuel Alcohol Content Learned
Flex Fuel Sensor Currently Unreliable	Flex Fuel Sensor Input
Fuel Control State	Fuel Fault Monitor
Fuel Injector Primary Fault Cylinder #1	Fuel Injector Primary Fault Cylinder #10
Fuel Injector Primary Fault Cylinder #2	Fuel Injector Primary Fault Cylinder #3
Fuel Injector Primary Fault Cylinder #4	Fuel Injector Primary Fault Cylinder #5
Fuel Injector Primary Fault Cylinder #6	Fuel Injector Primary Fault Cylinder #7
Fuel Injector Primary Fault Cylinder #8	Fuel Injector Primary Fault Cylinder #9
Fuel Injector Pulse Width	Fuel Level Analog Input #2 Status
Fuel Level Indicator - Volts	Fuel Level Indicator Input
Fuel Pressure	Fuel Pump Control Output Duty Cycle
Fuel Pump Output Fault	Fuel Pump Primary Circuit Mon High

Fuel Pump Secondary Monitor	Fuel Pump Secondary Monitor - %
Fuel Rail Pres Transducer Currently Unreliable	Fuel Rail Temp Sensor B2 Currently Unreliable
Fuel Rail Temp Sensor B2 Raw Input	Fuel Rail Temp Sensor Currently Unreliable
Fuel Rail Temperature Sensor B2	Fuel Rail Temperature Sensor Raw Input
Fuel Sol Valve Commanded Open	Fuel Tank Pressure Input
Fuel Tank Pressure Input - Volts	Fuel Tank Pressure Sensor Failure
Generator Field Control Output	Generator Field Signal Monitor
Generator Output Fault Detection	Glow Plug Coil Duty Cycle
Glow Plug Coil On	Glow Plug Current - Left Bank
Glow Plug Current - Right Bank	Glow Plug Lamp
Glow Plug Lamp On	Glow Plug Out
Hard Acceleration Detected	Headlamps
Hi Speed Fan Primary Circuit MonHigh	High Speed Fan Control
High Speed Fan Control Fault	Highest Gear Permitted in Current State
Idle Air Control	Idle Air Control Short Detected
Idle Air Control Short Term Airflow Trim	Idle Air Control Short to Gnd Detected
Idle Air Control Trim #0	Idle Air Control Trim #1
Idle Air Control Trim #2	Idle Air Control Trim #3
Idle Speed Control Operating Mode	Idle Tracking Sensor
Idle Validation Switch	Ignition Switch RUN Position
In EGR System Failure Mode	Injector Control Pressure
Injector Control Pressure - Volts	Injector Control Pressure Duty Cycle
Injector Pulse Width Bank 1	Injector Pulse Width Bank 2
Intake Air Temp Sensor 2 Input	Intake Air Temp Sensor 2 Input - Volts
Intake Air Temperature	Intake Air Temperature - Volts
Intake Air Temperature Input	Intake Air Temperature Status
Intake Man Runner Ctrl Mon Input Bank 1	Intake Man Runner Ctrl Mon Input Bank 2
Intake Manifold Absolute Pressure	Intake Manifold Runner Circuit Mon High
Intake Manifold Runner Ctrl Duty Cycle	Intake Manifold Swirl Control
Intake Manifold Swirl Control Fault	Intake Manifold Tuning Valve Control
Intake Manifold Tuning Valve Fault	Intake Manifold Tuning Valve Vac

	Control
Intake Shaft Speed	Knock Sensor Input Bank 1
Knock Sensor Input Bank 2	Liquid Petroleum / Petrol Mode
Long Term Fuel Trim Bank 1 - LFT 1	Long Term Fuel Trim Bank 1 - LONGFT 1
Long Term Fuel Trim Bank 2 - LFT 2	Long Term Fuel Trim Bank 2 - LONGFT 2
Low Speed Fan Control	Low Speed Fan Control Fault
Low Speed Fan Prm Circuit Mon High	Low Speed Fuel Pump Output Fault
Lowest Idle Throttle Position	Malfunction Indicator Lamp Control
Manifold Absolute Pressure	Manifold Absolute Pressure - Hz
Manifold Absolute Pressure - Volts	Manifold Air Temperature
Manifold Air Temperature - Volts	Manifold Gauge Pressure
Mass Air Flow	Mass Air Flow Rate
Mass Air Flow Rate Input - Volts	Mass Air Flow State
Mass Fuel Desired	Meas Start of Injection
Medium Speed Fan Control	Medium Speed Fan Control Fault
MIL Lamp Output Fault Detected	MIS
MIS Monitor KAM	MIS1
MIS2	MIS3
MIS4	MIS5
MIS6	Misfire Fault Monitor
Misfire Wheel Profile Learned in KAM	Monitor Soak Time Conditions Met
Needle Lift Lost	Net Engine Torque
Net Torque into Torque Convertor	O2S Downstream Heater Control
O2S Fault Monitor	O2S Heater Fault
O2S Heater Feedback	O2S Upstream Heater Control
Octane Adjust Software Status	Octane Adjust Status
ODBII Trip Completed	Open circuit fault detected in SCCS
Open Loop - Close Loop Fail	Open Loop Drive
Open Loop Fuel Condition	Open Loop Fuel Conditions Met
Operating in Failure Mode Effects Man	Output Shaft Speed
Overdrive Drum Speed	Parking Brake
Partial Load Advance Solenoid	PATS: # of Ign Key Codes Stored
PATS: Anti-Scan Function	PATS: Master Key Present

PATS: Minimum # Of Keys Required	PATS: Security Access
PATS: Service Module	PATS: Spare Key Programming
PATS: Vehicle Enable Status	PCM Bitmap Flags #1
PCM Case Ground	Performance/Economy Switch
Power Steering Pres Transducer Currently Unreliable	Power Steering Pressure Input
Power Steering Pressure Input - Counts	Power Steering Pressure Switch Input
Power Take Off Status Input	Profile Ignition Pickup Input
Purge Fault Monitor	Purge Flow Sensor
Purge Thermistor Flow Sensor Currently Unreliable	Purging EVAP Cannister
Rear O2 Fuel Trim for Bank 1	Rear O2 Fuel Trim for Bank 2
Rear Window Defogger	Requested 4 Wheel Drive Input
Required Pressure for 3-2 Timing CCS	Resume Switch
Reverse Lamp Control - Output Fault	Reverse Selected
Ride Control Output Fault Detected	SCC Driver or Motor Driver Failure
SCC Output Fault Detected	Secondary Air Bypass Solenoid Monitor
Secondary Air Diverter	Secondary Air Injector Primary Circuit Mon
Secondary Air Output Fault Detected	Secondary AIR Pump Control
Secondary AIR Pump Monitor	Secondary Air System Fault Monitor
Secondary Throttle Output Fault	Secondary Throttle Position Duty Cycle
Secondary Throttle Position Input	Service Idle Adjust Status
Set / Acceleration Switch	SH+E1608O2S1
Shift Indicator Light	Shift Solenoid 1 Circuit Monitor High
Shift Solenoid 1 Control	Shift Solenoid 1 Output Fault
Shift Solenoid 2 Circuit Monitor High	Shift Solenoid 2 Control
Shift Solenoid 2 Output Fault	Shift Solenoid 3 Circuit Monitor High
Shift Solenoid 3 Commanded Duty Cycle	Shift Solenoid 3 Control
Shift Solenoid 3 Output Fault	Shift Solenoid 4 Commanded Duty Cycle
Shift Solenoid 4 Commanded On	Shift Solenoid 4 Output Fault
Shift Solenoid 5 Commanded Duty Cycle	Short Term Fuel Trim Bank 1 - SFT1
Short Term Fuel Trim Bank 1 - SHRTFT 1	Short Term Fuel Trim Bank 2 - SFT2
Short Term Fuel Trim Bank 2 - SHRTFT 2	Spark Advance Desired
Speed Control Cancel Switch	Speed Control Comm Error Detected

Speed Control Input Switch	Speed Control Null
Speed Control OFF Switch	Speed Control ON Switch
Steadystate Cat Mon Bank 1 Threshold Freq.	Steadystate Cat Mon Bank 2 Threshold Freq.
Steadystate Catalyst Test Freq. Bank 1	Steadystate Catalyst Test Freq. Bank 2
Supercharger Bypass Control	Supercharger Bypass Control Fault
Supercharger Intercooler Pump Control	Supercharger Intercooler Pump Ctrl Fault
Tach Frequency	TC Engine Torque Out
TC Engine Torque Requested	TCC Output Fault Detected
TCC Output State Monitor	Thermal Manifold Absolute Pressure
Thermostat Heater Control	Throttle Position Input
Throttle Position Mode	Throttle Position Relative
Throttle Position State	Time Since Engine Start
Torque Converter By OSC	Torque Converter Clutch Control
Torque Converter Clutch Ctrl Internal Circuit Mon	Torque Converter Module Commanded
Torque Converter Module Actual	Torque Converter Speed Ratio Across
TR Kickdown	TR TQFinal
TR TQMax	TR TQRAT
Traction Control Available	Traction Control System Active
Trans Clutch Converter Control Sw Input	Trans Control Indicator Light Fault
Trans Ctrl Indicator Lamp Clutch Ctrl Status	Trans Fluid Temperature - Volts
Trans Fluid Temperature Input	Trans Selector Position Input Status
Transaxle Ratio Learned	Transmission Case Speed Sensor
Transmission Control SW Flag	Transmission Fluid Temperature
Transmission Gear Status	Transmission Out Shaft Speed
Transmission Pressure Switch #1 Input	Transmission Pressure Switch #2 Input
Transmission Pressure Switch #3 Input	Transmission Pressure Switch #4 Input
Transmission Pressure Switch #5 Input	Transmission Range Duty Cycle
Transmission Range Frequency	Transmission Range Sensor - Volts
Transmission Range Sensor No FMEM	Transmission Ratio
Transmission Rev Switch Input	Turbine Shaft Speed No FMEM
Turbine/Input Speed Sensor	Unlimited Transponder Security Key
Unlock Converter for Traction Control	Vacuum Solenoid Open to IntManifold
VAPS Output Value	Variable Load Control Module

Variable Speed Fan	Variable Speed Fan Duty Cycle
Variable Speed Fan Output Fault	Variable Speed Fan RPM
VCT Control Circuit Monitor	VCT Error in Crankshaft Degrees
VCT Sol Commanded in Crank Shaft Degrees	Vehicle Power Voltage
Vehicle Reference Voltage	Vehicle Speed
Vehicle Speed - High Resolution	Vehicle Speed Setting
Vent Solenoid Open to Atmosphere	Volume Fuel Desired
VS Stat	Wastegate Ctrl Duty Cycle
Which PCM	WOT A/C Primary Circuit Fault
# of Completed OBDII Drive Cycles	# of Completed OBDII Trips
# of Continuous Trouble Codes Set	A/C Head Pressure Switch Input
ADPT1F	Air Conditioning Cycling Switch Input
Bank 1 Downstream O2S Heater Circuit Fault	Bank 1 Downstream O2S Heater Control
Bank 1 Downstream O2S Heater Current Mon	Bank 1 Downstream O2S Input
Bank 1 Downstream O2S Volt Before CSD	Bank 1 Upstream O2S Heater Circuit Fault
Bank 1 Upstream O2S Heater Control	Bank 1 Upstream O2S Heater Current Mon
Bank 1 Upstream O2S Input	Barometric Pressure
Brake Pedal Pos/Brake On-Off Sw Input	Calculated Engine Load
Camshaft Position Sensor Fault Mode	CAN Fail
Catalyst Fault Monitor	CCM Fault Monitor
Clutch Pedal/Park Neutral Pos Sw Input	CMP
Desired Idle Speed Control RPM	Differential Pressure Feedback EGR Input
EGO1 Sensor Failure	EGR Fault Monitor
EGR Open Circuit Detected	EGR Short to Ground Detected
EGR Valve Vacuum Control	Engine Coolant Temperature Input
Engine Coolant Temperature Input - Volts	Engine Coolant Temperature State
Engine Currently Misfiring	Engine Speed Based Upon CKP Input
EVAP Emissions Canister Purge Control	Fuel Fault Monitor
Fuel Injector #1 Output Fault Detected	Fuel Injector #2 Output Fault Detected
Fuel Injector #3 Output Fault Detected	Fuel Injector #4 Output Fault Detected
Fuel Injector #5 Output Fault Detected	Fuel Injector #6 Output Fault Detected
Fuel Pump Control Output Duty Cycle	Fuel Pump Output Fault Detected

Fuel Pump Secondary Monitor High	Fuel Tank Pressure Monitor
High Speed Fan Control	Idle Air Control
Idle Air Control Short Detected	Idle Air Control Short to Gnd Detected
In EGR System Failure Mode	Injector Pulse Width Bank 1
Intake Air Temperature Input	Intake Air Temperature Input - Volts
Intake Air Temperature Status	Long Term Fuel Trim Bank 1
Long Term Fuel Trim Bank 2	Low Speed Fan
Lowest Steady TP Voltage Since Eng Start	Malfunction Indicator Lamp Control
Mass Air Flow Rate Input - Volts	Mass Air Flow State
MIS	MIS Monitor KAM
MIS1	MIS2
MIS3	MIS4
MIS5	MIS6
Misfire Fault Monitor	O2S Fault Monitor
O2S Heater Fault	O2S Heater Feedback
ODBII Trip Completed	Open Loop - Close Loop Fail
Open Loop Drive	Open Loop Fuel Condition
Open Loop Fuel Conditions Met	Output Shaft Speed
Power Steering Pressure Switch Input	Profile Ignition Pickup Input
Purge Fault Monitor	Rear O2 Fuel Trim for Bank 1
Secondary Air System Fault Monitor	SHO2S1
Short Term Fuel Trim Bank 1	Short Term Fuel Trim Bank 2
Spark Advance Desired	Throttle Position Input
Throttle Position Mode	Throttle Position State
Time Since Engine Start	TR Kickdown
TR TQFinal	TR TQMax
TR TQRAT	Trans Fluid Temperature Input
Trans Selector Pos Input Status - Volts	Trans Selector Position Input Status
Transmission Gear Status	Turbine Shaft Speed/Input Shaft Speed
Vehicle Power Voltage	Vehicle Speed
Which PCM	WOT A/C Primary Circuit Fault
# of Completed OBDII Drive Cycles	# of Completed OBDII Trips
# of Drive Cycles Since Misfire Time	# of Fault Codes & Pending
# of On-Demand Codes Total	4x4 Low Range Input
4X4 Low Requested by driver	A/C Clutch Command On

A/C Cycling Switch Closed	A/C Head Pressure Switch Input
A/C Head Pressure Switch Input - Volts	A/C Requested by Driver
Accelerator Pedal Position	Accelerator Pedal Position - %
Accelerator Pedal Position #1	Accelerator Pedal Position #2
Accelerator Pedal Position #3	Accelerator Pedal Position Status
Actual Slip Across Torque Convertor	Air Conditioning Diagnostic Switch 1
Air Conditioning Diagnostic Switch 2	Alternator Field Output Duty Cycle
Ancillary RPM Desired	Anti-scan Enabled & Counting
At Time of Misfire: EGRDPFESensor	At Time of Misfire: Engine Load
At Time of Misfire: Engine RPM	At Time of Misfire: Engine Running Time
At Time of Misfire: Engine-off Soak Time	At Time of Misfire: Throttle Position
At Time of Misfire: Vehicle Speed	Axle Ratio Used to Calculate VS
Background BARO for Boost2	Bank 1 Downstream O2S Heater Circuit Fault
Bank 1 Downstream O2S Heater Control	Bank 1 Downstream O2S Heater Current Mon
Bank 1 Downstream O2S Input	Bank 1 Upstream O2S Heater Control
Bank 1 Upstream O2S Heater Current Mon	Bank 1 Upstream O2S Input
Bank 2 Downstream O2S Heater Control	Bank 2 Downstream O2S Heater Current Mon
Bank 2 Downstream O2S Input	Bank 2 Upstream O2S Heater Control
Bank 2 Upstream O2S Heater Current Mon	Bank 2 Upstream O2S Input
BARO FMEM flag	Barometric Pressure
Barometric Pressure - inHg	Battery Voltage
Brake Applied	Brake Pedal Applied
Brake Pressure Applied	Calculated Engine Load
Calibration Voltage Ref Input	Camshaft Position Sensor 2 Status
Camshaft Position Sensor Failure	Camshaft Position Sensor Level
Cannister Not Venting Failure Mode	Catalyst Monitor
CCM Monitor Completed	Clutch Pedal Position A
Clutch Pedal Position B	Clutch Pedal Position Switch
CMP and CKP are in sync	Coast Clutch Solenoid Output Fault
Commanded Duty Cycle for VCT Solenoid	Conditions Correct to Enable VCT
Converter Pressure Control	Convertor Unlock Due to Excess Slip
Cooling Fan State	Counter Incremented Every PIP Rising

	Edge
CPP / TCS Engaged CPP	Cruise Mode
Currently Misfiring	Cylinder Head Temp Currently Unreliable
Cylinder Head Temp Indicator Light	Cylinder Head Temperature Indicator Lamp
Cylinder Head Temperature Input	Cylinder Head Temperature Input - Volts
Dechoke Mode Flag	Desired Idle RPM
Desired Main Line Pressure	Differential Pressure Feedback EGR Input
Downstream ACT FMEM flag	ECT Failure Mode
EGR Duty Cycle	EGR Failure Mode
EGR Monitor Completed	EGR Motor Control 1 Fault Present
EGR Motor Control 1 Output Command	EGR Motor Control 2 Fault Present
EGR Motor Control 2 Output Command	EGR Motor Control 3 Fault Present
EGR Motor Control 3 Output Command	EGR Motor Control 4 Fault Present
EGR Motor Control 4 Output Command	EGR Open Circuit Detected
EGR Throttle Position	EGR Throttle Position Control
EGR Valve Position Desired	EGR Valve Position Sensor - Raw
EGR Valve Vacuum Control	Electric EGR Motor Commanded In Steps
Electronic Throttle Control Actual	Electronic Throttle Control Desired
Engine Coolant Temperature	Engine Coolant Temperature - Raw
Engine Injector Pressure Input - PSI	Engine Injector Pressure Input - Volts
Engine Oil Temperature	Engine Oil Temperature FMEM
Engine Oil Temperature Sensor	Engine RPM
Engine Start Enabled	Enter Failure Mode for PRNDL
EOT before FMEM substitution	EVAP Canister Monitor Op State
EVAP Emission Canister Vent Valve	EVAP Emission Purge Monitor Complete
EVAP Emission Vapor Management Valve	EVAP Emissions Canister Purge Control
EVAP Emissions Canister Purge Fault	EVAP Emissions Canister Purge Vent Ctrl
EVAP Emissions Canister Purge Vent Fault	EVAP Vapor Management Actual
Exhaust Back Pressure	Exhaust Back Pressure Desired

Exhaust Back Pressure Absolute	Fan Speed Sensor
FICM Information for SYNC	FICM Logic Power
FICM Main Power	FICM Vehicle Power
Fuel Cap Off Indicator Lamp	Fuel Cap Off Indicator Lamp Fault
Fuel Injector #1 Output Fault Detected	Fuel Injector #2 Output Fault Detected
Fuel Injector #3 Output Fault Detected	Fuel Injector #4 Output Fault Detected
Fuel Injector #5 Output Fault Detected	Fuel Injector #6 Output Fault Detected
Fuel Injector #7 Output Fault Detected	Fuel Injector #8 Output Fault Detected
Fuel Level Input Sensor	Fuel Level Input Voltage
Fuel Pulse Width	Fuel Pump Output Fault
Fuel Pump Secondary Monitor - %	Fuel Pump Secondary Monitor High
Fuel Rail Pres Transducer Currently Unreliable	Fuel Rail Temp Sensor Currently Unreliable
Fuel Rail Temperature	Fuel Rail Temperature Sensor Raw Input
Fuel Tank Pressure Monitor	Fuel Tank Pressure Sensor Failure
Gear Commanded by OSC	Gear Ratio
Generator 2 Fault Detected	Generator Fault Inductor Light Commanded On
Generator Fault Inductor Light Fault	Generator Lamp Circuit
Generator Monitor	Generator Output Fault Detection
Generator Voltage Desired	Glow Plug Control Duty Cycle
Glow Plug Control Time	Glow Plug Indicator Lamp Commanded On
Glow Plug Lamp Time	Harsh Shift Request by Output State Ctrl
Heated Exhaust Oxygen Sensor 11 Status	Heated Exhaust Oxygen Sensor 21 Status
Heated Exhaust Oxygen Sensor System Evaluated	Heater Current Monitor O2S13
Heater Current Monitor O2S23	HEGO Sensor
HEGO Sensor Heater	High Speed Fan Control
High Speed Fan Control Fault	Highest Gear Allowed
IAT Failure Mode	Idle Air Control
Idle Air Control - Counts	Idle Air Control Short to Gnd Detected
IMAN_DN	IMAN_UP
IMTV2 Duty Cycle	IMTV2 Status

In Drive During Time of Misfire	In Trans Overtemp Lockup Mode
Indicator: 1st Gear	Indicator: 2nd Gear
Indicator: Drive	Injector Control Pressure
Injector Control Pressure - Volts	Injector Control Pressure (Desired)
Injector Control Pressure Regulator	Injector Pulse Width Bank 1
Injector Pulse Width Bank 2	Injector Timing
Input Shaft Speed	Int Mnfld Tuning Valve Vac Control
Intake Air Temperature	Intake Air Temperature - Raw
Intake Air Temperature Counts (IAT2_V)	Intake Air Temperature Degrees (IAT2)
Intake Man Runner Ctrl Mon Input Bank 1	Intake Manifold Swirl Control
Intake Manifold Swirl Control Fault	Intake Manifold Tuning Valve B2
Intake Manifold Tuning Valve Control	Intake Manifold Tuning Valve Fault
Intermediate Shaft Speed	IPATS Security Access Status
IPATS Spare Key Programming Enabled	Keep Alive Memory Power
Knock Sensor Input Bank 1	Knock Sensor Input Bank 2
Last PIP Time in Sec	Last PIP Up Edge to Last Down Edge
Line Pressure Control	Long Term Fuel Trim Bank 1
Long Term Fuel Trim Bank 2	Low Speed Fan Control
Low Speed Fan Control Fault	Lowest Idle Throttle Position
MAF Failure Mode	MAF Voltage
Manifold Absolute Pressure	Manifold Absolute Pressure Sensor
Manifold Absolute Pressure Sensor Status	Manifold Gauge Pressure
Mass Air Flow	Mass Air Flow Rate - Raw
Mass Fuel Desired	Max Intermittent ECT Fault Filter Value
Max Intermittent HEGO - B1S1 Fault Filter Value	Max Intermittent HEGO - B1S2 Fault Filter Value
Max Intermittent HEGO - B2S1 Fault Filter Value	Max Intermittent HEGO - B2S2 Fault Filter Value
Max Intermittent IAT Fault Filter Value	Max Intermittent MAF Fault Filter Value
Max Intermittent TP Fault Filter Value	Max Intermittent VSS Fault Filter Value
Medium Fan Control	Medium Fan Control Fault
MIL Lamp Output Fault Detected	MIL Requested On
MIS Monitor KAM	Misfire % Delta Cylinder #1
Misfire % Delta Cylinder #2	Misfire % Delta Cylinder #3
Misfire % Delta Cylinder #4	Misfire % Delta Cylinder #5

Misfire % Delta Cylinder #6	Misfire % Delta Cylinder #7
Misfire % Delta Cylinder #8	Misfire Count Cylinder #1 (High Byte)
Misfire Count Cylinder #1 (Low Word)	Misfire Count Cylinder #2 (High Byte)
Misfire Count Cylinder #2 (Low Word)	Misfire Count Cylinder #3 (High Byte)
Misfire Count Cylinder #3 (Low Word)	Misfire Count Cylinder #4 (High Byte)
Misfire Count Cylinder #4 (Low Word)	Misfire Count Cylinder #5 (High Byte)
Misfire Count Cylinder #5 (Low Word)	Misfire Count Cylinder #6 (High Byte)
Misfire Count Cylinder #6 (Low Word)	Misfire Count Cylinder #7 (High Byte)
Misfire Count Cylinder #7 (Low Word)	Misfire Count Cylinder #8 (High Byte)
Misfire Count Cylinder #8 (Low Word)	Misfire Count Total (High Byte)
Misfire Count Total (Low Word)	Misfire Monitor Completed
Misfire Wheel Profile Learned	Modulated Fuel Pump Duty Cycle
Net Engine Torque	Net Torque into Torque Converter
No Speed Control Button Pushed	OBDII Trip Completed
Octane Adjust Status	Open Loop Fuel Condition
Outcode State	Output Shaft Speed
Output Shaft Speed Failure Mode	Overdrive Cancel Switch/Hold Switch
Overdrive Drum Speed	Park Brake Pedal Applied
Park Neutral Switch Drive	PCF Fault
PCM Case Ground	PCM ID Stored
PCM ID Verified	PCM ID Verified - Active
PIP: State is High	Power Steering Pressure Input - Counts
Power Steering Pressure Switch Input	Power Take Off Status Input
Pressure Control Failure Mode	Pressure Control Solenoid A
Pressure Control Solenoid A - Amps	Pressure Control Solenoid A - PSI
Pressure Control Solenoid B	Pressure Control Solenoid B - Amps
Pressure Control Solenoid B - PSI	Pressure Control Solenoid C
Pressure Control Solenoid C - Amps	Pressure Control Solenoid C - PSI
Pressure Sensor	Pressure Switch 1
Profile Ignition Pickup Input	Reverse switch
Secondary Air Bypass Actual	Secondary Air Injection
Secondary Air Injection Bypass	Secondary AIR Pump Control
Secondary AIR Pump Monitor	Secondary Air System Evaluated
Security Access Time	Shift Solenoid 1 Control
Shift Solenoid 1 Output Fault	Shift Solenoid 2 Control

Shift Solenoid 2 Output Fault	Shift Solenoid 3 Control
Shift Solenoid 3 Failure	Shift Solenoid 3 Output Fault
Shift Solenoid 4 Commanded On	Shift Solenoid Pressure Control C
Shift Solenoid Pressure Control C Fault	Shift Solenoid Pressure Control D
Shift Solenoid Pressure Control D Fault	Shift Solenoid Pressure Control E
Shift Solenoid Pressure Control E Fault	Shift Type
Short Term Fuel Trim Bank 1	Short Term Fuel Trim Bank 2
Software ID Block Starting Address	Spark Advance Desired
Speed Control Actuator Switch Coast	Speed Control Actuator Switch SET/ACCEL
Speed Control COAST Switch active	Speed Control Input Switch
Speed Control OFF Switch active	Speed Control ON Switch active
Speed Control RESUME Switch active	Speed Control SET/ACCEL Switch active
Speed Control Switch State	Speed Ctrl Indicator Light Commanded On
Speed Ctrl Swes Circuit Open Circuit Fault Detected	Starter Motor Relay Enabled
Steadystate Cat Mon Bank 1 Threshold Freq.	Steadystate Cat Mon Bank 2 Threshold Freq.
Steadystate Catalyst Test Freq. Bank 1	Steadystate Catalyst Test Freq. Bank 2
TCC Output Fault Detected	TCC Output State Monitor
Throttle Mode	Throttle Position Input
Throttle Position Sensor 1	Throttle Position Sensor 2
Throttle Position Sensor Status	Time Since Engine Start
Tire Size Used to Calculate VS	Torque Converter By OSC
Torque Converter Clutch Control	Torque Converter - Speed Ratio Across
Torque Converter Clutch Slip Desired	Torque Fuel/Spark Limiting Status
Trans Control Indicator Light	Trans Ctrl Indicator Lamp Clutch Ctrl Status
Trans Fluid Temperature Failure Mode	Trans Fluid Temperature Input
Trans Fluid Temperature Input - Volts	Trans Gear Ratio
Trans is Over-Temperature	Trans Line Pressure Control - Volts
Trans Selector Pos Input Status - Volts	Trans Selector Position Input Status
Trans Selector Position Switch 1 Input	Trans Selector Position Switch 2 Input
Trans Selector Position Switch 3 Input	Trans Selector Position Switch 4 Input

Transaxle Ratio Learned	Transmission Control Switch Depressed
Transmission Gear Status	Transmission Line Pressure Control - PSI
Transmission Reverse Switch Input	Turbine Shaft Speed
Turbine Shaft Speed Failure Mode	Turbine Shaft Speed/Input Shaft Speed
Variable Cam Timing 2 Actual Advance	Variable Cam Timing 2 Advance Error
Variable Cam Timing 2 Duty Cycle	Variable Cam Timing 2 Status
Variable Cam Timing Status	Variable Geometry Turbo Duty Cycle
Variable Geometry Turbo Fault	Variable Speed Fan Duty Cycle
Variable Speed Fan Hall Sensor Input	Variable Speed Fan Output Fault
VCT Control Circuit Monitor	VCT Error in Crankshaft Degrees
VCT Sol Commanded in Crank Shaft Degrees	Vehicle Speed Failure Mode
Vehicle Speed Sensor	Volume Fuel Desired
VSOUT Fault	Water in Fuel Condition
WOT A/C Primary Circuit Fault	WOT Air Conditioning Cutoff Actual
# of Continuous Codes	# of Continuous Trouble Codes Set
Fuel Tank Pressure Transducer	Vehicle Power Voltage
# of Continuous Trouble Codes Set	# of Programmed Transmitters
4WD Center Axle Disconnect	4WD Center Axle Engage State
4WD Clutch Out Status	4WD Elec Clutch Out
4WD High Driver Output State	4WD Input Switch
4WD Low Driver Output State	ABS Power Relay Output State
Accessory Delay Driver Output State	Adjustable Pedal Rearward/Forward Pos
Air Bag Chime	Air Suspension Disable Switch
Air Suspension Vent Compressor Output Status	Air Suspension Vent Sol Output Status
Airbag/Seatbelt	Alarm Event-2nd Last
Alarm Event-3rd Last	Alarm Event-4th Last
Alarm Event-Last	Alarm Inhibit Switch
All Doors Lock Relay	All Doors Unlock Output Status
Alternator Status	Anti-Theft Trigger Status
Autolamp Analog Input Status	Autolamp Enable
Autolamp On Driver Output State	Autolamp ON Switch
Auxiliary Brake Motor Relay	Auxiliary Brake Motor Warning Lamp
Auxiliary Motor Input	Backup Lamps Switch
Battery Saver Driver Output State	Beltminder Chime Request

Blower Motor On/Off	Brake Fluid
Brake Fluid Flow Switch	Brake Fluid Level Okay
Brake Fluid Level Switch #1	Brake Fluid Level Switch #2
Brake Pedal Switch	Brake Pressure Differential Switch
Brake Warning Output Status	Cargo Set Alarm Switch
CCW Four Wheel Drive Shift Motor Output Status	Center Axle Hall Power
Center Rear Digital Height Sensor	Central Door Unlock Switch Status
Central Lock Reset Driver Output State	Central Lock Set Driver Output State
Central Lock Switch	Central Unlock Input
Central Unlock Switch	Chime Output Status
Chime Request	CW Four Wheel Drive Shift Motor Output Status
Decklid / Hatch Ajar	Decklid / Hatch Ajar Switch
Decklid / Hatch Cylinder Punch-out	Decklid Driver Output State
Dome Lamp Switch	Door Ajar
Door Ajar Indicator Lamp Driver Output State	Door Ajar Output Signal Status
Door Handles	Door Unlock Disarm Input Switch Status
Double Lock Reset Driver Output State	Double Lock Set Driver Output State
Driver Door	Driver Door Ajar
Driver Door Handle Activated	Driver Door Lock
Driver Door Unlock Disarm Switch	Driver Doors Unlock Driver Output State
Driver Down Activated	Driver Keyless Entry Switch Status
Driver Lock Activated	Driver Side Front Seat Belt Fastened
Driver Unlock Activated	Driver Up Activated
Driver Window Down Switch	Driver Window One Touch Switch
Driver Window Position Hall Sensor Input	Driver Window Up Switch
ECU Anti-Theft Switch	Engine Coolant Level
Engine Coolant Level Lamp	Engine Oil Level
Express Down Switch	Exterior Lamp Input Switch Status
Exterior Lamp Output Status	External Chime Request
External Temp Sensor Unfiltered Data	Factory Keyless Entry Code
Flash Relay Output Status	Fog Lamps Switch
Four Wheel Drive Center Axle Disconnect	Front Heated Windshield Driver Output

Status	State
Front Heated Windshield Switch	Front Wiper Delay Select/Wash
Front Wiper Position Select	Fuel Level Analog Input Status
Hardware Fault	Hazard Switch
Headlamp Dimmer Switch	Headlamp Switch In Status
Headlamp Switch Signal	Headlamps - Low Beam Switch
Headlamps/DRL Cancel	Heated Backlight
Heated Backlight Switch	Hood Ajar
Horn Control Driver	Ignition Key In / Out
Ignition Position Switch	Ignition Switch - Accy Position
Ignition Switch - Off/Lock Position	Ignition Switch - Off/Unlock Position
Ignition Switch - START Position	Ignition Switch Position
Ignition Switch RUN Position	Illuminated Entry Driver Output State
Illuminated Entry Input	Illuminated Entry Switch
Interior Lamp Override Switch	Key In Ignition
Lamp On	Last 8 Alarm Events
Last Remote Keyless Entry Received	Left Front Turn Signal Output Status
Left High Beam Lamp Driver Output State	Left Low Beam Lamp Driver Output State
Left Marker Lamp Driver Output State	Left Rear / Sliding Door Ajar
Left Rear Air Spring Sol Output Status	Left Rear Door Ajar
Left Turn Switch	Low Air Brake Pressure Switch
Low Coolant	Low Fuel Level Indicator Output Status
Measurement Time Unit	Memory Door Lock Driver Output State
Neutral in Tow	Neutral Safety Switch
Nuetral In Tow Lamp Output Status	Occupant Pos Sys State Front Psgr Side
Oil Level	Oil Level Wrn Lamp Driver Output State
Oil Pressure Switch Input Status	One Touch Detent
Other Running Board Lights Output Status	Park Brake
Park Brake Applied Warning Lamp	Park Brake Switch
Park Lamp Flash Relay	Park Lamp Output
Park Lamp Relay	Park Lamps Switch
Passenger Door	Passenger Door Ajar
Passenger Down Activated	Passenger Lock Activated

Passenger Mirror Position	Passenger Mirror Position Sensor
Passenger Unlock Activated	Passenger Up Activated
Perimeter Disable	Power Window Driver Motor Current
Power Window Driver Peak Motor Current	Power Window Pass Peak Motor Current
Primary Lock Input Switch Status	Pulse Width Module Duty Cycle #1
Radio Remove Switch	Rear Defrost Driver Output State
Rear Defrost Switch	Rear Driver Door
Rear Fog Lamp Switch Signal	Rear Passenger Door
Rear Washer Output Status	Rear Wiper Down Driver Output State
Rear Wiper Input Switch Status	Rear Wiper Mode Select
Rear Wiper Output Status	Rear Wiper Park Sense Switch
Rear Wiper Up Driver Output State	Rear Wiper Washer Delay
Rear Wiper Washer Switch Status	Reset Alarm Switch
Reset Driver Door	Reset Passenger Door
Reverse Chime	Reverse Selected
Right Front Turn Signal Output Status	Right High Beam Lamp Driver Output State
Right Low Beam Lamp Driver Output State	Right Marker Lamp Driver Output State
Right Rear / Sliding Door Ajar	Right Rear Air Spring Sol Output Status
Right Rear Door Ajar	Right Turn Switch
Run / Acc Position	Run / Acc Switch Position
Run / Start Key Position	Run / Start Position
Seat Belt Lamp Driver Output State	Seatbelt Status
Security Speed Signal	Set Alarm Switch
Set Front Pass/Drv Door	Set Window Input Switch Status - Group 1
Solenoid Status: 2 Wheel Drive	Solenoid Status: 4 Wheel Drive
Speed Dependent Wiper Function	Start Key Position
System Battery Voltage #4	System Battery Voltage Value #1
Tailgate Ajar	Tailgate or Hood ATI
Throttle Position Status	Tone Request
Top Down Switch Status	Top Up Switch Status
Trans Clutch Interlock Switch	Trans Gear Selected
Trans Transfer Case Contact Plate Status	Transfer Case Contact Plate A
Transfer Case Contact Plate B	Transfer Case Contact Plate C

Transfer Case Contact Plate D	Transfer Case Front Output Shaft Speed
Transfer Case Mechanical Lock	Transfer Case Rear Output Shaft Speed
Trunk Release Input Switch	Two Speed Rear Axle Switch
VAPS Input Current	VAPS Output Value
Vehicle Overspeed Warning Status	Vehicle Power Voltage
Vehicle Speed - Low Resolution	Vehicle Speed Low Resolution
Washer Fluid Lamp Driver Output State	Washer Fluid Level
Washer Pump Driver Output State	Washer Pump Switch
Window Down Switch	Window Driver Output State
Window Pos Invalid Sensor Status	Window Pos Sensor Status
Window Up Driver Output State	Window Up Switch
Windshield Wiper Park-to-Park Time	Wiper / Washer Input Switch Status
Wiper in Park Position	Wiper Motor Status
Wiper Run Driver Output State	Wiper Status
Wiper Two Speed Driver Output State	# of Continuous Codes
# of Continuous Trouble Codes Set	A/C
A/C Demand Switch Input	ABS Warning Indicator Input Status
Accessory Delay Driver Output State	Air Bag Chime
Air Filter Minder Switch	Air Suspension Warning
Autolamp Switch	Battery Saver Driver Output State
Brake Fluid Level Input	Brake Pad Wear Switch Okay
Brake System Wrn Indicator Input Status	Climate Control Blend Door Pos Feedback
Decklid / Hatch Ajar	Dimmer Switch
Dimmer Switch Input Status	Dimmer Switch Input Status 2
Display Switch	Distance to Empty Switch
Dome Lamp Switch	Driver Door Ajar
Driver Side Front Seat Belt Fastened	Engine Coolant Level
Engine Coolant Temperature	Engine RPM - High Resolution
Exterior Lamp Input Switch Status	Exterior Temp Sensor Unfiltered Data #2
External Temp Sensor Filtered Data #2	External Temp Sensor Unfiltered Data
Fog Lamps Switch	Front Aux Blower Status
Fuel Gauge Commanded Position	Fuel Level Analog Input Status
Gauge Driver Output Enable	Glow Plug

Hazard Switch	Headlamp Switch Input Status
Headlamp Switch Mode Status	Headlamp Switch Status
Headlamps - High Beam Switch	Headlamps - Low Beam Switch
High Beam Switch Input Status	Horn Input Switch
Ignition Switch - Accy Position	Ignition Switch - Off/Lock Position
Ignition Switch - Off/Unlock Position	Ignition Switch - START Position
Ignition Switch RUN Position	Info Switch
Interior Lighting	Key In Ignition
Left Rear / Sliding Door Ajar	Left Turn Switch
Lighting Mode Input Switch Status	Main Blower Status
Night	Oil Level
Oil Pressure Switch Control	Panel Backlight Dim Decrease Switch
Panel Backlight Dim Increase Switch	Panel Intensity Analog Input
Park Brake Applied Warning Lamp	Park Brake Release Driver Output Status
Park Brake Retract Driver Output Status	Park Brake Status
Passenger Door Ajar	PATS: # of Ign Key Codes Stored
PATS: Anti-Scan Function	PATS: Master Key Present
PATS: Minimum # Of Keys Required	PATS: PCM ID Status Stored
PATS: PCM Verify OK	PATS: Security Access
PATS: Service Module	PATS: Spare Key Programming
PATS: Vehicle Enable Status	Performance/Economy Switch
Pulse Width Module Duty Cycle #1	Rear Defrost
Rear Defrost Driver Output State	Rear Defrost Switch
Rear Fog Lamp Switch Signal	Reset Switch
Reverse Sensing System Input	Right Rear / Sliding Door Ajar
Right Turn Switch	Steering Column Switches
Steering Column Telescope Pos Sensor	Steering Column Tilt Position Sensor
System Battery Voltage Potential Status	System Battery Voltage Value #1
T/A Disable Switch	Traction Assist 'OFF' Indicator Switch
Trans Clutch Converter Control Sw Input	Trans Ctrl Indicator Lamp Clutch Ctrl Status
Trans Gear Selected	Trans Select Lever in Park Position
Trip Reset	Trip Switch
Vehicle Handling Switch	Vehicle Speed - High Resolution
Virtual Image Cluster Clock	Virtual Image Cluster E/M Sw - Driver

	ID Sw
Virtual Image Cluster Menu Switch	Virtual Image Cluster Select/Mode Switch
Virtual Image Cluster Setup Switch	Virtual Image Cluster System Check Sw
Washer Fluid Level	Battery Voltage
Brake Fluid Level	Continuous Codes
Fuel Level	Parking Brake Switch Input
PWM Duty	Traction Control System Disable Switch
Trip Odometer	# of Continuous Trouble Codes Set
B-Pillar Open/Close Switch Input	Detent Switch
Door Ajar Output	Drive Motor Closed Status
Drive Motor Open Status	Fuel Filler Door Switch
Motor Clutch Status	Optic Power Status
Overhead Console On/Off Switch	Overhead Console Open/Close Switch
Park / Ignition Signal	REM Open/Close Signal
Sliding Door Optical Position Sensor	Unlatch Actuator Status
Vehicle Speed Sensor > 6 MPH	# of Continuous Trouble Codes Set
Battery Voltage	Battery Voltage 1
Battery Voltage 2	Cinch Close Relay
Cinch Feedback	Cinch Feedback Volts
Cinch High Side Driver	Cinch Low Side Driver
Close Feedback Volts	Clutch / Latch Release Current Data
Clutch / Latch Release Status Monitor	Clutch Current Data
Clutch Voltage Data	Deck Lid Close Relay
Deck Lid Open Relay	Deck Lid Speed Sensor #1
Deck Lid Speed Sensor #2	Deck Lid Speed Sensor Voltage
Detent Switch	Door / Gate Ajar Feedback
Drive / Reverse Switch	Forkbolt Switch
Gate Cinch Amperage	Gate Close Amperage
Gate Close Feedback	Gate Close High Side Driver
Gate Close Low Side Driver	Gate Open Amperage
Gate Open Feedback	Gate Open High Side Driver
Gate Open Low Side Driver	Gate Optical Sensor 1
Gate Optical Sensor 2	Glass Position
Home Switch	Ignition Switch

Latch Engage Switch	Latch Release Status
Left Clutch	Left door ajar switch
Left Latch Engaged Switch	Left latch release
Left Motor Amperage Monitor	Left Motor Voltage Monitor
Left Pinch Strip - Pinch Condition	Left Pinch Strip Voltage
Left Power Running Board	Left Power Running Board Feedback
Left Tonneau Cover Close Relay	Left Tonneau Cover Drive Motor Driver
Left Tonneau Cover Open Relay	Left Tonneau Cover Speed Sensor #1
Left Tonneau Cover Speed Sensor #2	Liftgate Ajar Switch
Obstacle Detect Data	Open Feedback Volts
Open/Close Request Switch	Open/Close Switch
Optical Sensor Power Feedback	Overhead Console Close Request Switch
Overhead Console Open Request Switch	Power Switch
Rear Door Ajar Output Feedback	Rear Door Ajar Switch
Right Clutch	Right Latch Engaged Switch
Right latch release	Right Motor Amperage Monitor
Right Motor Voltage Monitor	Right Pinch Strip Pinch Condition
Right Pinch Strip Voltage	Right Power Running Board
Right Power Running Board Feedback	Right Tonneau Cover Close Relay
Right Tonneau Cover Drive Motor Driver	Right Tonneau Cover Open Relay
Spare 2 PD Switch	Spare Switch
Striker Down Switch	Striker Up Switch
Tonneau Cover Speed Sensor Source	Uncinch Feedback
Un-Cinch Feedback Volts	Uncinch High Side Driver
Uncinch Low Side Driver	Vehicle Speed Movement Detected
Vehicle Speed Sensor Signal	# of Continuous Trouble Codes Set
Accessory Delay Driver Output State	Anti-Theft Indicator Driver Output State
Autolamp Analog Input Status	Autolamp Delay Time
Autolamp Input Switch Status	Autolamp On Driver Output State
Autolamp ON Switch	Battery Saver Driver Output State
Battery Voltage Threshold	Brake Pedal Switch
Decklid / Hatch Ajar	Decklid / Hatch Cylinder Punch-out
Decklid / Hatch Unlock Disarm Switch	Decklid Driver Output State
Decklid Lamp Status	Dimmer Switch Input Status

Dome Lamp Switch	Driver Door Ajar
Driver Door Cylinder Switch	Driver Door Handle Activated
Driver Door Unlock Arming Switch	Driver Door Unlock Disarm Switch
Driver Lock Activated	Driver Seat Occupied
Driver Side Front Seat Belt Fastened	Driver Unlock Activated
Exterior Lamp Input Switch Status	External Access Ajar Input Switch Status
External Chime Request	Flash-to-Pass Switch
Headlamps - High Beam Switch	Headlamps - Low Beam Switch
Hood Ajar	Hood Lamp Status
Horn Control Driver	Ignition Switch - Accy Position
Ignition Switch - Off/Lock Position	Ignition Switch - Off/Unlock Position
Ignition Switch - START Position	Ignition Switch Cylinder Punch-out
Ignition Switch RUN Position	Illuminated Entry Driver Output State
Instrument Variable Output Voltage #1	Interior Lighting
Intrusion Sensor Input Status	Intrusion Sensor Power Status
Key In Ignition	Last 4 Alarm Events
Last 8 Alarm Events	Left Front Turn Signal Output Status
Left High Beam Lamp Driver Output State	Left Low Beam Lamp Driver Output State
Left Rear / Sliding Door Ajar	Left Rear Lock Activated
Left Rear Turn Signal Output Status	Left Tail Lamp Driver Output Status
Night	Panel Backlight Dim Decrease Switch
Panel Backlight Dim Increase Switch	Panel Backlight Input Switch Status
Panel Backlight State	Panel Intensity Analog Input
Panic Alarm Switch	Park Brake Switch
Park Lamp Output	Park Lamps Switch
Passenger Door Ajar	Passenger Door Handle Activated
Passenger Lock Activated	PATS System Status
PATS: # of Ign Key Codes Stored	PATS: Failsafe Status
Pulse Width Module #1 Driver Output State	Pulse Width Module Duty Cycle #1
Rear Defrost Switch	Right Front Turn Signal Output Status
Right High Beam Lamp Driver Output State	Right Low Beam Lamp Driver Output State
Right Rear / Sliding Door Ajar	Right Rear Lock Activated
Right Rear Turn Signal Output Status	Right Tail Lamp Driver Output Status

Steering Column Switches	Steering Column Telescope Pos Sensor
Steering Column Tilt Position Sensor	System Battery Voltage Potential Status
System Battery Voltage Value #1	Turn Signal Driver Output State
Turn Signal Power Feed	Wiper in Park Position
Wiper Motor Status	# of Continuous Trouble Codes Set
Air Suspension At Accurate Trim	Air Suspension Disable Switch
Dimmer Switch Input Status	Engine Coolant Level
Engine Oil Temperature	English / Metric Status
External Temp Sensor Unfiltered Data	Fuel / Economy Switch
Fuel Flow	Fuel Flow Offset
Fuel Level Analog Input #3 Status	Fuel Level Analog Input Status
Fuel Usage	Info Switch
Input Transition Latch Fuel Flow	Night
Oil Level	Pulse Width Module Duty Cycle #1
Reference Voltage	Reset Switch
Right Rear Lock Activated	System Battery Voltage Potential Status
System Battery Voltage Value #1	Vehicle Speed
Vehicle Speed - Low Resolution	Vehicle Speed Signal
Virtual Image Cluster Select/Mode Switch	Virtual Image Cluster Setup Switch
Virtual Image Cluster Status Switch	Washer Fluid Level
# of Continuous Trouble Codes Set	Audio System Signal
Band Switch	Illumination PWM
Memory Switch	Phone Switch
Phone Transceiver Active Input	Reverse Selected
Seek + Switch	Volume - Switch
Volume + Switch	# of Continuous Trouble Codes Set
Coast Switch	Cruise Control Switch Input Voltage
Resume Switch	Set / Acceleration Switch
Speed Control OFF Switch	Speed Control ON Switch
Vehicle Speed Setting	# of Continuous Trouble Codes Set
Fuel Level Analog Input #3 Status	Fuel Usage
Pulse Width Module Duty Cycle #1	System Battery Voltage Value #1
Vehicle Speed	Vehicle Speed - Low Resolution
# of Continuous Trouble Codes Set	Fault Condition Present
Front Sensors Configured	LED High Side Driven

Left Rear Center Attenuation	Left Rear Center Distance
Left Rear Corner Attenuation	Left Rear Corner Distance
Mute	Parking Aid Rear Sensor
Parking Aid Rear Sensors	Parking Aid System
Rear Left Center Sensor	Rear Left Corner Sensor
Rear Right Center Sensor	Rear Right Corner Sensor
Rear Sounder	Right Rear Center Attenuation
Right Rear Center Distance	Right Rear Corner Attenuation
Right Rear Corner Distance	Switch State
System LED	Trailer Attached
Trans in Reverse	Vehicle Speed - Low Resolution
Vehicle Speed Above Activation Threshold	Vehicle Speed Above Deactivation Threshold
# of Continuous Trouble Codes Set	# of Programmed Transmitters
All Doors Lock Output Status	All Doors Lock Sense
Brake Pedal Switch	Central Door Unlock Switch Status
Decklid / Hatch Release Switch	Decklid Driver Output State
Door Unlock Disarm Input Switch Status	Driver Door Ajar
Driver Door Cylinder Switch	Driver Door Handle Activated
Driver Doors Unlock Driver Output State	Driver Down Activated
Driver Keyless Entry Switch Status	Driver Lock Activated
Driver Mirror Horizontal Pos Sensor Present	Driver Mirror Horizontal Position
Driver Mirror Position	Driver Mirror Vertical Pos Sensor Present
Driver Seat Input Switch Status	Driver Seat Occupied
Driver Unlock Activated	Driver Up Activated
Driver Window Down	Driver Window One Touch Switch
Express Down Switch	External Access Handle Input Sw Status
Factory Keyless Entry Code	High Series DDM
Ignition Switch - Accy Position	Ignition Switch - Off/Lock Position
Ignition Switch - Off/Unlock Position	Ignition Switch - START Position
Ignition Switch RUN Position	Key In Ignition
Last Remote Keyless Entry Received	Left Rear / Sliding Door Ajar
Left Rear Down Activated	Left Rear Up Activated
Memory LED Driver Output State	Memory Off Switch

Memory Set / Recall 1 Switch	Memory Set / Recall 2 Switch
Memory Set / Recall 3 Switch	Memory Set Switch
Module Type ID	Park / Neutral Selected
Pass Door Unlock Latch Motor Feedback Status	Passenger Door Ajar
Passenger Down Activated	Passenger Up Activated
Power Mirror Input Switch Status	Power Window Driver Peak Motor Current
Primary Lock Input Switch Status	Right Rear / Sliding Door Ajar
Right Rear Down Activated	Right Rear Up Activated
Set Window Input Switch Status - Group 1	System Battery Voltage Value #1
Vehicle Power Voltage	Window Driver Output State
# of Continuous Trouble Codes Set	Autoglide Seat Input Switches
Ignition Switch - Accy Position	Ignition Switch - Off/Lock Position
Ignition Switch - Off/Unlock Position	Ignition Switch - START Position
Ignition Switch RUN Position	Key In Ignition
Pass Seat Horizontal Pos Sensor Present	Passenger Door Ajar
Passenger Seat Input Switch Status	Passenger Side Front Belt Fastened
# of Continuous Trouble Codes Set	Ignition Switch - Accy Position
Ignition Switch - Off/Lock Position	Ignition Switch - Off/Unlock Position
Ignition Switch - START Position	Ignition Switch RUN Position
Key In Ignition	PATS: # of Ign Key Codes Stored
PATS: Anti-Scan Function	PATS: Clear Key Mode Status
PATS: Failsafe Status	PATS: Master Key Present
PATS: Minimum # Of Keys Required	PATS: PCM ID Status Stored
PATS: PCM Verify OK	PATS: Security Access
PATS: Service Module	PATS: Spare Key Programming
PATS: Vehicle Enable Status	Vehicle Security Starter Status
# of Continuous Trouble Codes Set	A/C Blend Door Output Position
A/C Blower Motor Output Relay	A/C Blower Motor Output Speed 1
A/C Blower Motor Output Speed 2	A/C Mode Door Output Position
All Doors Lock Sense	Brake ON/OFF Switch
Brake Pedal Switch	Central Door Unlock Switch Status
Convertible Top DOWN	Convertible Top UP
Decklid / Hatch Ajar	Decklid / Hatch Release Switch

Decklid / Hatch Unlock Disarm Switch	Decklid Driver Output State
Door Unlock Disarm Input Switch Status	Driver Keyless Entry Switch Status
Driver Lock Activated	Driver Lock Switch Activated
Driver Unlock Activated	Driver Unlock Switch Activated
Factory Keyless Entry Code	Hardtop Sense Input
High Mount Stop Lamp	Ignition Switch Position
Left Marker Lamp Driver Output State	Left Rear / Sliding Door Ajar
Left Rear Back Up	Left Rear Down Activated
Left Rear Lock Activated	Left Rear Stop Lamp
Left Rear Turn Signal Output Status	Left Rear Unlock Activated
Left Rear Up Activated	Left Tail Lamp Driver Output Status
License Lamp	Passenger Down Activated
Passenger Lock Activated	Passenger Lock Switch Activated
Passenger Unlock Activated	Passenger Unlock Switch Activated
Passenger Up Activated	Passenger Window Pos Hall Sensor Input
Power Window Left Rear Peak Motor Current	Power Window Pass Peak Motor Current
Power Window Right Rear Peak Motor Current	Pulse Width Module Duty Cycle #1
Rear Defrost Driver Output State	Removeable Heated Backlite Relay Driver Output
Right Rear / Sliding Door Ajar	Right Rear Back Up Lamp
Right Rear Down Activated	Right Rear Lock Activated
Right Rear Stop Lamp	Right Rear Turn Signal Output Status
Right Rear Unlock Activated	Right Rear Up Activated
Right Tail Lamp Driver Output Status	Vehicle Power Voltage
Window Pos Invalid Sensor Status	Window Pos Sensor Status
# of Continuous Trouble Codes Set	Brake Pedal Switch
Decklid / Hatch Ajar	Decklid / Hatch Cylinder Punch-out
Driver Door Ajar	Driver Door Cylinder Armed
Driver Door Cylinder Switch	Driver Keyless Entry Switch Status
Driver Lock Activated	Driver Unlock Activated
Factory Keyless Entry Code	Hood Ajar
Ignition Switch - Accy Position	Ignition Switch RUN Position
Ignition Tamper Sensor	Last 4 Alarm Events
Last 8 Alarm Events	Remote Only Input State

Right Rear / Sliding Door Ajar	Trans Gear Selected
# of Continuous Trouble Codes Set	Airbag Deployment Indication Input
Airbag Input Status	Button Status Assistance Request
Button Status Emergency	Button Status End
Button Status Information Request	Button Status Phone
Cellular Antenna	Cellular Phone Network Signal Strength
GPS Antenna	# of Continuous Trouble Codes Set
B-Pillar Open/Close Switch Input	Detent Switch
Door Ajar Output	Drive Motor Closed Status
Drive Motor Open Status	Fuel Filler Door Switch
Motor Clutch Status	Optic Power Status
Overhead Console On/Off Switch	Overhead Console Open/Close Switch
Park / Ignition Signal	REM Open/Close Signal
Sliding Door Optical Position Sensor	Unlatch Actuator Status
Vehicle Speed Sensor > 6 MPH	# of Continuous Trouble Codes Set
4x4 Low	Acceleration Signal
Adaptive Damping Fault Condition	Adaptive Damping LF Damper Connected
Adaptive Damping LR Damper Connected	Adaptive Damping RF Damper Connected
Adaptive Damping RR Damper Connected	Adaptive Damping Supply Volts Within Limit
Adaptive Damping Warning Lamp Status	Air Line Front Fill Sol Output Status
Air Line Front Gate Sol Output Status	Air Line Rear Fill Sol Output Status
Air Line Rear Gate Sol Output Status	Air Susp Pos Sensor Displacement From Trim
Air Suspension At Accurate Trim	Air Suspension Auxiliary Switch
Air Suspension Disable Switch	Air Suspension Dump Switch LED
Air Suspension Dump Switch State	Air Suspension IP Lamp State
Air Suspension Vent Compressor Output Status	Air Suspension Vent Sol Output Status
Air Suspension Warning	Brake Switch Status
Center Axle Disconnect	Center Rear Digital Height Sensor
Compressor Cool Down Complete	Compressor Feedback A
Compressor Feedback B	Compressor Relay Output Status
CVSA Accelerometer Sensors Supply Voltage	Damper Current - Left Front
Damper Current - Left Rear	Damper Current - Right Front

Damper Current - Rright Rear	Decklid / Hatch Ajar
Door Ajar	Driver Door Ajar
Front Height Sensor	Fuel Door Ajar
Height Sensor Power	Height Sensor Power Supply Voltage
Height Sensor Reference	Hood Ajar
Ignition Run Detect	Ignition Switch - Accy Position
Ignition Switch - Off/Lock Position	Ignition Switch - Off/Unlock Position
Ignition Switch - START Position	Ignition Switch RUN Position
Key In Ignition	Lateral Acceleration Value
Left Front Analog Height Sensor	Left Front Shock Actuator Output Status
Left Front Shock Encoder	Left Rear / Sliding Door Ajar
Left Rear AirSpring Sol Command/Fault	Left Rear AirSpring Sol Output Status
Left Rear Analog Height Sensor	Left Rear Shock Actuator Output Status
Left Rear Shock Encoder	Moonroof Ajar
Operational Strategy Status	Park / Neutral
Park / Neutral Status	Passenger Door Ajar
PCM Acceleration Signal	Power Steering Fault
Presence of 4WD System Detected	Rear Height Sensor
Right Front Analog Height Sensor	Right Front Height Sensor
Right Front Shock Actuator Output Status	Right Front Shock Encoder
Right Rear / Sliding Door Ajar	Right Rear Air Spring Sol Command/Fault
Right Rear Air Spring Sol Output Status	Right Rear Analog Height Sensor
Right Rear Shock Actuator Output Status	Right Rear Shock Encoder
Run / Acc Position	Run / Start Position
Steering Rate	Steering Sensor A
Steering Sensor A High	Steering Sensor B
Steering Sensor B High	Steering Wheel Angle
System Battery Voltage Value #1	VAPS Input Current
VAPS Output Value	VAPS Solenoid Short To Ground
Variable Assist Power Steering Output Status	Vehicle Speed
Vehicle Speed - High Resolution	Vehicle Speed - Low Resolution
Vehicle Speed Low Resolution	Vehicle Speed Signal
Vent Solenoid Output Status	# of Continuous Trouble Codes Set
Invalid Indicator	Steering Column Lock Ground Output

Steering Column Lock Power Output	Switch State
# of Continuous Trouble Codes Set	Driver Water Valve Position
Left Front Tire Pressure	Left Front Tire Sensor Awake
Left Front Tire Sensor ID Programmed	Left Front Tire Sensor Learn
Left Front Tire Sensor Low Battery	Left Front Tire Sensor Normal
Left Front Tire Sensor Remeasure	Left Front Tire Sensor Transmit Received After Learn
Left Rear Tire Pressure	Left Rear Tire Sensor Awake
Left Rear Tire Sensor ID Programmed	Left Rear Tire Sensor Learn
Left Rear Tire Sensor Low Battery	Left Rear Tire Sensor Normal
Left Rear Tire Sensor Remeasure	Left Rear Tire Sensor Transmit Received After Learn
Passenger Water Valve Position	Right Front Tire Pressure
Right Front Tire Sensor Awake	Right Front Tire Sensor ID Programmed
Right Front Tire Sensor Learn	Right Front Tire Sensor Low Battery
Right Front Tire Sensor Normal	Right Front Tire Sensor Remeasure
Right Front Tire Sensor Transmit Received After Learn	Right Rear Tire Pressure
Right Rear Tire Sensor Awake	Right Rear Tire Sensor ID Programmed
Right Rear Tire Sensor Learn	Right Rear Tire Sensor Low Battery
Right Rear Tire Sensor Normal	Right Rear Tire Sensor Remeasure
Right Rear Tire Sensor Transmit Received After Learn	Spare Tire Sensor Awake
Spare Tire Sensor ID Programmed	Spare Tire Sensor Learn
Spare Tire Sensor Low Battery	Spare Tire Sensor Normal
Spare Tire Sensor Remeasure	Spare Tire Sensor Transmit Received After Learn
Tire Pressure Status #2	Vehicle Speed - Low Resolution
# of Continuous Codes	Left Front Awake Status
Left Front Learn Status	Left Front Low Battery
Left Front Normal Status	Left Front Remeasure Status
Left Front Sensor Programmed	Left Front Tire Pressure
Left Front Transmit Received after Learn	Left Rear Awake Status
Left Rear Learn Status	Left Rear Low Battery
Left Rear Normal Status	Left Rear Outer Tire Pressure
Left Rear Remeasure Status	Left Rear Sensor Programmed

Left Rear Transmit Received after Learn	Right Front Awake Status
Right Front Learn Status	Right Front Low Battery
Right Front Normal Status	Right Front Remeasure Status
Right Front Sensor Programmed	Right Front Tire Pressure
Right Front Transmit Received after Learn	Right Rear Awake Status
Right Rear Learn Status	Right Rear Low Battery
Right Rear Normal Status	Right Rear Outer Tire Pressure
Right Rear Remeasure Status	Right Rear Sensor Programmed
Right Rear Transmit Received after Learn	Spare Awake Status
Spare Learn Status	Spare Low Battery
Spare Normal Status	Spare Remeasure Status
Spare Sensor Programmed	Spare Tire Pressure
Spare Transmit Received after Learn	# of Completed OBDII Drive Cycles
# of Completed OBDII Trips	# of Fault Codes & Pending Total
# of On-Demand Codes Total	0-10% Shift Complete Time
10%-90% Shift Complete Time	Absolute Value of Torque Converter Slip
Actual Slip Across Torque Convertor	Axle Ratio Used by PCM to Calculate VS
Battery Voltage	Battery Voltage At Time of J1979 Freeze Frame
Brake Pedal Applied	CCM Monitor Completed
Closed Throttle Position	Coast Clutch System Failed OFF
Coast Clutch System Failed ON	Commanded Current for PCA
Commanded Current for SSA	Commanded Current for SSB
Commanded Current for SSC	Commanded Current for SSD
Commanded Current for SSE	Commanded Current for TCC
Commanded Gear	Convertor Unlock Due to Excess Slip
Current Gear Ratio	Desired Main Line Pressure
Desired Slip Across the Torque Convertor	Direct Clutch System Failed OFF
Direct Clutch System Failed ON	Duty Cycle of TRS
Electronic Pressure Control A	Electronic Pressure Control for TCC
Flare RPM for PID 1931	Fuel Control State
Gear Commanded by OSC	Harsh Shift Commanded by OSC
Highest Gear Permitted	ID Which Shift the 1932-1925 PIDs are for

Intermediate Clutch System Failed OFF	Intermediate Clutch System Failed ON
Intermediate Shaft Speed no FMEM	ISS is Currently Unreliable
ISS is Currently Unreliable (TRO_N_F)	Low/Rev Clutch System Failed OFF
Low/Rev Clutch System Failed ON	Low/Rev One-Way Clutch System Failed OFF
O/D Clutch System Failed OFF	O/D Clutch System Failed ON
O/D One-Way Clutch Failed OFF	OBDII Trip Completed
OSS is Currently Unreliable	Output Shaft Direction
Output Shaft Speed	Output Shaft Speed Failure Mode
Output Shaft Speed no FMEM	Overdrive Cancel Requested
Overshoot RPM for PID 1931	Overtemp Lock-Up Mode
Park Neutral Switch in Drive	PCA Fault
Power Steering Load Present	Pressure Control Failure Mode
Shift	Shift Solenoid 1 Output Fault
Shift Solenoid 2 Output Fault	Shift Solenoid 3 Output Fault
Shift Solenoid 4 Output Fault	Shift Solenoid 5 Output Fault
Shift Solenoid A Pressure Control	Shift Solenoid B Pressure Control
Shift Solenoid C Pressure Control	Shift Solenoid D Pressure Control
Shift Solenoid E Pressure Control	Speed Ratio Across Torque Convertor
TCC Solenoid Output Fault Status	TCIL Fault Detected
TCIL Light Commanded On	Tire Size Used by PCM to Calculate VS
Torque Converter By OSC	Torque Converter Clutch Control Duty Cycle
TR Failure Mode	Traction Assist is Available
Transmission Control Switch Depressed	Transmission Fluid Temp. Count - Raw
Transmission Fluid Temperature Failure Mode	Transmission Pressure Switch A Active
Transmission Pressure Switch B Active	Transmission Pressure Switch C Active
Transmission Pressure Switch D Active	Transmission Pressure Switch E Active
Transmission Fluid Temperature	Transmission Gear Ratio
Transmission is Over Temperature	Transmission Position
TRS signal Frequency	TSS is Currently Unreliable
TSS is Currently Unreliable (RCL_F)	Turbine Shaft Direction
Turbine Shaft Speed	Turbine Shaft Speed Failure Mode
Turbine Shaft Speed no FMEM	Turbine Speed Adjusted for Chain Ratio
Vehicle Speed	VSS Failure Mode

VSS is Currently Unreliable	VSS is Currently Unreliable (TRO_P_F)
# of Continuous Trouble Codes Set	Ignition Run Detect
Power Steering Fault	System Battery Voltage Value #1
VAPS Input Current	VAPS Output Value
VAPS Solenoid Short To Ground	Variable Assist Power Steering Output Status
Vehicle Speed - High Resolution	Vehicle Speed - Low Resolution
Vehicle Speed Low Resolution	# of Continuous Trouble Codes Set
Leakage Resistance (Bus -)	Leakage Resistance (Bus +)
Battery Pack Voltage	Battery Pack State of Charge (SOC)
Main TRAC Amp	Resistance Mode REB
Evaporator Temperature	Discharge Limit
Battery Air Temperature	Maximum Charge
DEL Mod Voltage	Engine RPM
Vehicle Speed Sensor	Accelerator Pedal Position
Mass Air Flow	Engine Coolant Temperature

Active Commands

Canister Vent Duty Cycle	Coast Clutch Solenoid
Coast Clutch Solenoid Duty Cycle	Converter Clutch Lockup Solenoid
Dynamic Press. Cont. Sol. #1 Duty Cycle	Dynamic Press. Cont. Sol. #2 Duty Cycle
Dynamic Press. Cont. Sol. #3 Duty Cycle	EGR Duty Cycle
Electric Air Pump Command	Electronic Pressure Control Duty Cycle
Electronic Pressure Control Pressure	Evap Purge Duty Cycle
Fuel Pump Duty Cycle	Fuel Trim Bank 1
Fuel Trim Bank 2	HO2S Bank 1 Sensor 1 Heater
HO2S Bank 1 Sensor 2 Heater	HO2S Bank 2 Sensor 1 Heater
HO2S Bank 2 Sensor 2 Heater	Idle Speed Duty Cycle
IMRC Command	Press. Control Solenoid #1 Duty Cycle
Press. Control Solenoid #2 Duty Cycle	Press. Control Solenoid #4 Duty Cycle
Secondary Air Management Valve 1	Secondary Air Management Valve 2
Shift Solenoid A	Shift Solenoid B
Shift Solenoid C	Shift Solenoid D
Spark Advance	Torque Converter Clutch
Traction Control Duty Cycle	Variable Speed Fan Command

Air Compressor	Air Suspension Vent Solenoid
Compressor Relay	Front Fill Solenoid
Front Gate Solenoid	Left Front Shock Actuator
Left Front Shock Motor	Left Front Shock Position
Left Rear Air Solenoid	Left Rear Shock Actuator
Left Rear Shock Motor	Left Rear Shock Position
Rear Fill Solenoid	Right Front Shock Actuator
Right Front Shock Motor	Right Front Shock Position
Right Rear Shock Actuator	Right Rear Shock Motor
Right Rear Shock Position	Rt Rear Air Solenoid
Vent Solenoid	Brake Warning Lamp
Hydraulic Pump Motor	Left Front Inlet Valve
Left Front Outlet Valve	Left Front Traction Control Priming Valve
Left Front Traction Control Switching Valve	Left Front Traction Control Valve
Left Rear Inlet Valve	Left Rear Outlet Valve
Left Rear Traction Control Priming Valve	Left Rear Traction Control Switching Valve
Left Rear Traction Control Valve	Pump Relay
Rear Only Dump Valve	Rear Only Isolation Valve
Right Front Inlet Valve	Right Front Outlet Valve
Right Front Traction Control Priming Valve	Right Front Traction Control Switching Valve
Right Front Traction Control Valve	Right Rear or Rear Only Inlet Valve
Right Rear or Rear Only Outlet Valve	Right Rear Traction Assist Valve
Right Rear Traction Control Priming Valve	Right Rear Traction Control Switching Valve
All Door Lock	Head Lamps
Horn Output	Parking Lamps
Heated Backlight Relay	High Mounted Stop Lamp
Left Rear Door Lock	Left Rear Door Unlock
Left Rear Window Down	Left Rear Window Up
Left Stop Lamp	Luggage Compartment Unlock
Parking Lamps	Passenger Window Down
Passenger Window Up	Rear Fog Lamps
Right Rear Door Lock	Right Rear Door Unlock
Right Rear Window Down	Right Rear Window Up

Right Stop Lamp	4WD HIGH Indicator
4WD Low Indicator Status	4WD Mode Lamp
Accessory Delay Relay	All Door Lock
Anti-Theft Indicator Lamp Control	Auxiliary Brake Enabled Warning Lamp
Auxiliary Brake Motor Relay	Backlighting Intensity Control
Battery Saver Relay Control	Brake Fluid Low Indicator
Brake Lamp	Brake/Shift Interlock
Center Axle Disconnect Solenoid	Center Axle Engage Solenoid
Chime Control	Clockwise Relay Control
Contact Plate Power	Daytime Running Lamps
Door Ajar Warning Lamp	Driver's Door Lock
Driver's Door Unlock (or 2-Step)	Drivers Window Motor Down
Drivers Window Motor Up	Engine Coolant Level Lamp Output On/Off
Front Turn Lamp-Left	Front Turn Lamp-Right or Hazard Flashers
Hazard Flashers	Head Lamps
Headlamp Washer	Heated Backlight Relay
Heated Windshield Status	Horn Control Command
Hub Lock LOCK Solenoid	Hub Lock UNLOCK Solenoid
Intrusion Sensing	Lock
Lock/Unlock Central Lock	Lock/Unlock Double Lock
Luggage compartment Unlock	MAS_ARM
Neutral Tow Light	Over Speed Warning Chime
Parking Brake Applied Solenoid	Parking Brake Motor Relay
Parking Lamps	Passenger Window Motor Down
Passenger Window Motor Up	Passenger's Mirror Down
Passenger's Mirror Left	Passenger's Mirror Right
Passenger's Mirror Up	Powertrain Failure Indicator
PWM Output Control Command #1	Rear Turn Lamp-Right
Rear Wiper Down Relay	Rear Wiper Relay
Rear Wiper Up Relay	Right High Beam (or both)
Right Low Beam (or both)	Seat Belt Warning Lamp
Shift Clutch	Speed Relay Control
Steering Column Lock Ground Output	Tail Lamp-Right or Parking Lamps
Two Step Unlock	UAS_ARM
Unlock	VAPSII Output Pulse Control

Vehicle Speed Dependent Wiper	Washer Pump Relay Control
Washer pump switch status	Wiper Run Relay Control
Airbag Warning Lamp and Chime	1st Gear Indicator
2nd Gear Indicator	4WD High Indicator
4WD Low Indicator	ABS Warning Lamp
Accessory Delay Relay	All Warning Lamps
Anti-Theft Indicator	Anti-Theft Indicator Lamp
Autolamp Relay Control	Battery Saver Relay Control
Brake Fluid Low Indicator	Brake Lamp
CAP Warning Lamp	Check Engine (MIL)
Check Gauges Indicator	Check Traction Control Indicator
Chimer Control	Display Dimming Control
Display Segment Control	Door Ajar Warning Lamp
Door Ajar Warning Lamp Circuit Failure	Drive Indicator
Economy / Sport lamp	Engine Coolant Gauge Control
Engine Coolant Level Lamp	Engine over-temperature light
Fog Indicator Lamp	Fuel Gauge
Fuel Gauge Control	Fuel Level Low Indicator
Gear Indicator	Generator Lamp
Heated Backlight Relay	High Beam Indicator
Neutral Indicator	Oil Pressure Gauge Indicator Control
Oil Pressure Low Indicator	Overdrive
Overdrive Off Indicator	Park Indicator
Parking Brake Release Relay	Permit Luggage Area Unlock Capability
Powertrain Failure Indicator (non-MIL)	Rear Fog Lamps
Reverse Indicator	Safety Belt Warning Lamp
Speed Control Set Indicator	Speedometer
Speedometer Control	Tachometer Control
Telescope In	Telescope Out
Tilt Down	Tilt Up
Traction Assist Active Indicator	Traction Control Indicator
Voltmeter Control	Warning Message
Washer Fluid Low Indicator	Washer Fluid Warning Lamp
Chimer Control	Battery Saver
Mirror Relay Control	Low Beam

Seat Belt Lamp	Auto Lamp
Chimer Control	Hazard Flashers
Heated Backlight Relay	Horn Output
Parking Lamps	EGR DC
ETC Control	EVAP Emission CAN Purge Vent DC
Firm Shift	Fuel Pump Duty Cycle
Gear	HO2S Bank 1 Sensor 1
HO2S Bank 1 Sensor 2	HO2S Bank 2 Sensor 1
HO2S Bank 2 Sensor 2	IMTV
IMTV2	PSI Control A
PSI Control B	PSI Control C
RPM Desired	Shift Solenoid 1 Comanded
Shift Solenoid 2 Comanded	Shift Solenoid 3 Comanded
Shift Solenoid 4 Comanded	Spark
Torque Convertor Clutch	VFD
VGTDC	VMV Comanded Current
CPC_AMP	Firm Shift
Gear	LINEPDSD
PCA_AMP	PCB_AMP
PCC_AMP	PCD_AMP
PCE_AMP	Torque Convertor Clutch
Audio Cycle Speaker Sound	Blower Motor
Bypass Door Open	Defrost Door Motor Close
Defrost Door Motor Open	Display All Segments
Floor Door Close	Floor Door Open
Heated Backlight Relay	Panel Door Close
Panel Door Open	Recirculation Door Control Close
Recirculation Door Control Open	Driver Window Down
Driver Window Up	Left Rear Window Down
Passenger Window Down	Right Rear Window Down
Driver Door Lock	Door Lock
Door Unlock	KeyPad Backlighting
PID Latch	Driver's Mirror Down
Driver's Mirror Left	Driver's Mirror Right
Driver's Mirror Up	Front Motor Down

Front Motor Up	Horizontal Motor Backward
Horizontal Motor Forward	Passenger Mirror Down
Passenger Mirror Left	Passenger Mirror Right
Passenger Mirror Up	Pedals Backward
Pedals Forward	Rear Motor Down
Rear Motor Up	Recline Motor Backward
Recline Motor Forward	Front Motor Down
Front Motor Up	Horizontal Motor Backward
Horizontal Motor Forward	Rear Motor Down
Rear Motor Up	Recline Motor Backward
Recline Motor Forward	Safetybelt Tension Reducer
Activate Rear Speaker	Anti-Theft Indicator Lamp Control
Anti-Theft Indicator	Battery Saver Relay
Chimer control	Driver's Door Unlock (or 2-Step)
Hazard Flashers	Head Lamps
Horn Output	Key Pad Backlighting
Lock/Unlock Central Lock	Lock/Unlock Double Lock
Luggage Compartment Unlock	Parking Lamps
Unlock	