

FORD – LISTA DE SENSORES DIAGNOSTICABLES

Airbag 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 Resistance - 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	Supply Voltage - Module
Supply Voltage - Battery	Vehicle ID Voltage #1
Vehicle ID Voltage #2	Vehicle ID Voltage #3
Air Bag Circuit Open - Loop No. 1, Front Driver Side	Air Bag Circuit Open - Loop No. 1, Front Passenger Side

Air Bag Circuit Open - Loop No. 2, Front Driver Side	Air Bag Circuit Open - Loop No. 2, Front Passenger Side
Air Bag Circuit Short To Battery - Loop No. 1, Front Passenger Side	Air Bag Circuit Short To Battery - Loop No. 1, Front Driver Side
Air Bag Circuit Short To Battery - Loop No. 2, Front Driver Side	Air Bag Circuit Short To Battery - Loop No. 2, Front Passenger Side
Air Bag Circuit Short To Ground - Loop No. 1, Front Driver Side	Air Bag Circuit Short To Ground - Loop No. 1, Front Passenger Side
Air Bag Circuit Short To Ground - Loop No. 2, Front Driver Side	Air Bag Circuit Short To Ground - Loop No. 2, Front Passenger Side
Air Bag Inflator Circuit Resistance Low - Loop No. 1, Front Driver Side	Air Bag Inflator Circuit Resistance Low - Loop No. 1, Front Passenger Side
Air Bag Inflator Circuit Resistance Low - Loop No. 2, Front Driver Side	Air Bag Inflator Circuit Resistance Low - Loop No. 2, Front Passenger Side
Driver Side Crash Sensor Serial Number, Part 1	Driver Side Crash Sensor Serial Number, Part 2
Front Crash Sensor Serial Number, Part 1	Front Crash Sensor Serial Number, Part 2
Passenger Side Crash Sensor Serial Number, Part 1	Passenger Side Crash Sensor Serial Number, Part 2
Serial Number Part 1	Serial Number Part 2
Serial Number Side Crash Sensor Driver Side Row 2 Part 1	Serial Number Side Crash Sensor Driver Side Row 2 Part 2
Serial Number Side Crash Sensor Passenger Side Row 2 Part 1	Serial Number Side Crash Sensor Passenger Side Row 2 Part 2

AirbagCAN Sensors

# of Continuous Trouble Codes Set	Air Bag Circuit Open - Loop No. 1, Front Driver Side
Air Bag Circuit Open - Loop No. 1, Front Passenger Side	Air Bag Circuit Open - Loop No. 2, Front Driver Side
Air Bag Circuit Open - Loop No. 2, Front Passenger Side	Air Bag Circuit Short To Battery - Loop No. 1, Front Passenger Side
Air Bag Circuit Short To Battery - Loop No. 1, Front Driver Side	Air Bag Circuit Short To Battery - Loop No. 2, Front Driver Side
Air Bag Circuit Short To Battery - Loop No. 2, Front Passenger Side	Air Bag Circuit Short To Ground - Loop No. 1, Front Driver Side
Air Bag Circuit Short To Ground - Loop No.	Air Bag Circuit Short To Ground - Loop

AutoExacto

Tecnología De Punta
Para La Industria Automotriz

1, Front Passenger Side	No. 2, Front Driver Side
Air Bag Circuit Short To Ground - Loop No. 2, Front Passenger Side	Air Bag Inflator Circuit Resistance Low - Loop No. 1, Front Driver Side
Air Bag Inflator Circuit Resistance Low - Loop No. 1, Front Passenger Side	Air Bag Inflator Circuit Resistance Low - Loop No. 2, Front Driver Side
Air Bag Inflator Circuit Resistance Low - Loop No. 2, Front Passenger Side	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 Crash Sensor Internal Fault	Front Crash Sensor Mount Or Communication Fault
Front Crash Sensor Mount/Communication Fault	Front Driver Airbag Curtain Resistance
Front Pass. Occupant Pos System State	Front Passenger Airbag Curtain Resistance
Front Passenger Side Belt Tension Sensor Circuit Fault	Front Passenger Side Belt Tension Sensor Short To Ground
Generic OCS Module Fault, Front Passenger Side	IABM Bracket Ground Resistance
Ignition Voltage #2	Internal Backup Power Supply Voltage Value
I-PAD Switch State	Occupant Classification System
OCS Calibration Fault, Front Passenger Side	OCS Communications Fault, Front Passenger Side
OCS Measured Weight Of Passenger	OCS Sensing Element Fault, Front Passenger Side
OCS Sensing Element Fault, Front Passenger Side, Belt Tension Sensor	OCS Sensing Element Fault, Front Passenger Side, Left
OCS Sensing Element Fault, Front Passenger Side, Right	On Demand Front Crash Sensor Internal Fault
On Demand Front Crash Sensor Mount/Communication Fault	On Demand Side Crash Sensor Internal Fault, Front Driver
On Demand Side Crash Sensor Internal	On Demand Side Crash Sensor

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Fault, Front Passenger	Mount/Communication Fault, Front Driver
On Demand Side Crash Sensor Mount/Communication Fault, Front Passenger	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
Pretensioner Circuit Resistance Low, Front Passenger Side	Pretensioner Circuit Open, Front Driver Side
Pretensioner Circuit Open, Front Passenger Side	Pretensioner Circuit Resistance Low, Front Driver Side
Pretensioner Circuit Resistance, Driver Side	Pretensioner Circuit Short To Battery, Front Driver Side
Pretensioner Circuit Short To Battery, Front Passenger Side	Pretensioner Circuit Short To Ground, Front Driver Side
Pretensioner Circuit Short To Ground, Front Passenger Side	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 Status	Seat Track Position Switch State
Side Airbag Resistance - Driver Side	Side Airbag Resistance - Passenger Side
Side Crash Sensor Internal Fault, Front Driver Side	Side Crash Sensor Internal Fault, Front Passenger Side
Side Crash Sensor Mount Or Communication Fault, Front Driver Side	Side Crash Sensor Mount Or Communication Fault, Front Passenger Side
System Battery Voltage #4	System Battery Voltage Value #1
Vehicle ID Voltage #1	Vehicle ID Voltage #2
Vehicle ID Voltage #3	

AlternativeFuelControlCAN Sensors

of Continuous Codes

AntiLockBrake Sensors

4WD Input Switch	ABS Pump Motor Relay
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 Complete Status
Booster Learn Cycle Successful	Booster Main Pressure Transducer Failure
Booster Mechanical Failure	Booster Rise Point
Booster Secondary Pres Transducer Failure	Booster Solenoid Normally Closed Sw Failure
Booster Solenoid Normally Open Sw Failure	Booster Solenoid Abnormal Current
Booster Solenoid Brake Switch Failure	Booster Solenoid Circuit Failure
Booster Solenoid Output State	Brake Fluid Level
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 ON/OFF
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	Current Cycle Steering Wheel Angle Lock To

	Lock Test Passed
Current Cycle Lateral Acceleration Sensor Initialization Test Failed	Current Cycle Lateral Acceleration Sensor Initialization Complete Status
Current Cycle Yaw Rate Initialization Completed Status	Current Cycle Yaw Rate Initialization Test Failed
Current Cycle Booster Learn Cycle Test Failed	Current Cycle Booster Learn Cycle Complete Status
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 State
Lateral Acceleration Sensor Initial Completed Status	Lateral Acceleration Sensor Init Test Failed
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
Primary Low Pressure Supply Valve	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	Secondary Low Pressure Feed Valve
Steering Angle Sensor Calibration Results	Steering Angle Sensor Calibration Status
Degrees Clockwise From Start	Steering Wheel Angle
Steering Wheel Angle 1 Circuit Status	Steering Wheel Angle 2 Circuit Status
Steering Wheel Angle 1 Input State	Steering Wheel Angle 2 Input State
Supply Voltage	SWA Lock To Lock Test Passed
Switch Test Signal Output State	Traction Control System
Traction Control Switch Status	TC Switch
Traction Control Indicator Light	Traction Control System Modulating
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	Travel Direction Plausibility Test Complete Status
Vehicle Type Mismatch	VIN Comparison Complete
VIN Message	Yaw Rate Initialization Complete Status
Yaw Rate Init Test Failed	Yaw Rate Sensor
Yaw Rate Sensor Input	Yaw Rate Value
Tire Size Calculated	Tire Size Raw
Axle Size Raw	

AntiLockBrakeTractionControlCAN Sensors

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 Lateral Accel Sensor Init. Complete
Current Cycle Lateral Accel Sensor Init Test Failed	Current Cycle SWA Lock To Lock Test Passed
Current Cycle Yaw Rate Init Complete	Current Cycle Yaw Rate Init Test Failed
Electronic Stability Program / Interactive Vehicle	Interactive Vehicle Dynamics

Dynamics Sensor Supply Voltage	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	Brake Fluid Level Switch Status
Brake Fluid Hydraulic Pressure	Brake Pedal Switch - Brake Lamp Switch
Front Left Wheel Speed Sensor Input Circuit	Front Right Wheel Speed Sensor Input Circuit
Control Module Supply Voltage	Number Of Permanent Diagnostic Trouble Codes
Number Of Trouble Codes Set By Diagnostic Tests	Rear Left Wheel Speed Sensor Input Circuit
Rear Right Wheel Speed Sensor Input Circuit	Vehicle Speed
Yaw Rate Sensor	

AudioControlModule Sensors

# of Continuous Trouble Codes Set	AM Switch
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Audio Steering Switch Circuit Resistance	Audio System Signal
Autoset Switch	Balance Switch
Band Switch	Bass Switch
CD / DJ	CD Switch
Cellular Phone	Center Image Amplifer
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	

Auxiliary Fuel Control Sensors

# 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
Fuel Type	

BCMiiCAN Sensors

# Of Continuous Trouble Codes Set	# Of On-Demand Codes Total
Air Conditioning Switch	Alarm Event-2nd Last
Alarm Event-3rd Last	Alarm Event-4th Last
Alarm Event-Last	Alarm Sounder Output
Alarm Sounder Output Status	Ambient Air Temperature
Audio Remove Switch	Autolamp Switch Status
Autolock	Auxiliary Driving Lamps Relay
Auxiliary Driving Lamps Switch	Battery Electrolyte Temperature
Battery Saver Relay Status.	Battery Voltage
Blower Motor Relay	Brake Fluid Level
Brake Switch	Bulb Failure
Cancel Switch	Central High Mounted S Lamp
Central Lock Latch Switch Status	Charging System Voltage
Clutch Switch.	Crash Sense Status
Daytime Running Lamp Relay	Dimmer Switch
Double Lock Latch Switch Status	Drivers Front Door Ajar
Drivers Rear Door Ajar	Electronic Parking Brake Status
Emergency Brake Lamp	Engine Run Relay Status
Evaporator Temperature Signal Voltage	Exterior Temperature Sensor
Flash To Pass Switch	Front Fog Lamp Indicator
Front Fog Lamp Relay	Front Fog Light Switch
Front Washer Pump Relay	Front Washer Switch

Front Wiper Relay	Fuel Filler Cap
Fuel Filler Flap Release Switch	Fuel Level
Fuel Level Sensor A	Fuel Level Sensor B
Fuel Pump Relay	Glass Breakage Sensor
Global Unlocking	Hazard Flasher Switch
Headlamp Washer Relay 1	Headlamp Washer Relay 2
Heated Backlight Relay	Heated Backlight Switch
Heated Front Screen Indicator Lamp	Heated Rear Screen Indicator Lamp
Heated Windshield Relay	Heated Windshield Switches
Heater Power	Heater Switch
High Beam Relay	High Beam Switch Status
Hood Ajar Switch	Horn
Horn Output	Ignition Relay
Interior Lamp Switch Status	Interior Lights Relay
Interior Temperature Sensor	Key In Ignition Switch
Left Front Door Ajar Switch Status.	Left Rear Door Ajar Switch Status.
Left Side Lamp	License Plate Lamp Output Status
Liftgate Ajar Switch Status	Light Switch
Locking System Status	Low Beam - Left
Low Beam - Right	Low Beam Relay.
Low Beam Switch Status	Low Coolant Switch
Low Washer Switch	Main Beam Switch
Module Supply Voltage	Number Of Keys Stored In Module
Number Of Remote Keys	Off Switch
On Switch	Parking Brake Switch
Passenger Front Door Ajar	Passenger Rear Door Ajar
Read Switch - Left Stalk	Rear Fog Lamp Indicator
Rear Fog Lamp Relay	Rear Fog Light Switch
Rear S Lamp	Rear Washer Pump Relay
Rear Washer Switch Input.	Rear Wiper Input Switch Status
Rear Wiper Relay	Resume Switch
Reverse Gear Inhibit Output Status	Reverse Switch
Right Front Door Ajar Switch Status.	Right Rear Door Ajar Switch Status

Right Side Lamp	Set Minus Switch
Set Plus Switch	Switch Illumination
Tailgate Release Switch	Time Minus Switch
Time Plus Switch	Total Distance
Trailer Installed	Turn Signal Relay Output Status
Turn Switch	Valet Lock Switch
Visual Feedback For Lock	Visual Feedback For Unlock
Wiper In Park Position	

BodyElec Sensors

of Programmed Transmitters

CentralSecurity Sensors

# 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	Audio Remove Switch
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 Lock Activated
Driver Unlock Activated	Factory Keyless Entry Code
Fuel Door Ajar	Hood Ajar
Horn Control Driver	Ignition Position Switch
Ignition Key In / Out	Keypad Lamp Driver Output State
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	Remote ID
Reset Alarm Switch	Right Rear Door Ajar

Right Rear Lock Activated	Security Speed Signal
Set Alarm Switch	System Battery Voltage
Tailgate or Hood AntiTheft	Trunk Release Input Switch
Unlock Select Switch	

Ctrl4x4 Sensors

# of Continuous Trouble Codes Set	4WD Electronic Clutch Status
4WD High Warning Indicator	4WD Input Switch
4WD Low Warning Indicator	ABS Power Relay Output State
Brake ON/OFF	CCW Four Wheel Drive Shift Motor Output Status
Center Axle Disengage Switch	Center Axle Hall PWR
CW Four Wheel Drive Shift Motor Output Status	Driver Door Status
Ignition Switch RUN Position	Integrated Wheel Ends Solenoid Status
Neutral in Tow	Neutral Safety Switch
Neutral In Tow Lamp Output Status	PWM Dimmable Backlighting
Run / Acc Position	Run / Start Position
System Battery Voltage	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	

Ctrl4x4CAN Sensors

# of Continuous Codes	# of On-Demand Codes Total
4WD Clutch Out Status	4WD Clutch PWM Status
Accelerator Pedal Position	Accelerator Pedal Position - Volts
Brake ON/OFF	Counter Clockwise Shift Motor Driver Motor Short to Ground
Clockwise Shift Motor Driver Motor Short to Ground	Counter Clockwise Shift Motor Driver Motor Short to Battery
Clockwise Shift Motor Driver Motor Short to Battery	Front Shaft Speed
Integrated Wheel Ends Solenoid Status	Left Front Wheel Speed Sensor Input

Left Rear Wheel Speed Sensor Input	Neutral Safety Switch
Neutral Tow Function	Neutral Tow Light
Rear Shaft Speed	Right Front Wheel Speed Sensor Input
Right Rear Wheel Speed Sensor Input	Shift Relay Coil Status - Clockwise
Shift Relay Coil Status - Counter Clockwise	Supply Voltage - Battery
Supply Voltage - Module	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

DriverDoor Sensors

# 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	Ignition Key In / Out
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 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

DriverSeat Sensors

# of Continuous Trouble Codes Set	# of Transitions Due to I/O Test
Driver Mirror Horizontal Pos Sensor Present	Driver Mirror Position Percent RT
Driver Mirror Position Percent 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 Percent Right	Passenger Mirror Position Percent 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	
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ElecDualAutoTempControl Sensors

# 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 Temperature 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 AC Switch Status
Climate Control Dual Climate Status	Climate Control Floor Defrost
Climate Control Panel Face or Floor	Climate Control Recirculation Switch
Climate Ctrl 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 Signal
Ignition Status	Interior Actual Temperature
Interior Actual Temperature #2	Left Blend Door Position
Left Heated Seat Status	Lock Blower Rotor
Main Blower Status	Passenger Climate Control Water Valve
PWM Dimmable Backlighting	Rear Defrost Status
Right Blend Door Position	Right Heated Seat Status
Steering Wheel Switches	Sun Load Temperature
Sunload Sensor Status	Sunload Sensor Passenger Side Status
System Battery Voltage	

ElectricParkingBrakeCAN Sensors

of Continuous Codes

ElectronicAutomaticTemperatureControlCAN Sensors

of Continuous Trouble Codes Set

ElectronicControlledPowerSteeringCAN Sensors

Actual Pump Motor Revolution Per Minutes	Battery Voltage
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Engine Speed	EPS Motor Output
Module Supply Voltage	Power Pack Motor Current Limit
Printed Circuit Board Temperature	Pump Motor Operation Current
Steering Rate Signal - Filtered	Steering Rate Signal - Not Filtered
Steering Wheel Rotation Rate	Target Pump Motor Revolution Per Minutes
Temperature Sensor Supply Voltage	The CAN Communication With The IC
The CAN Communication With The PCM	Torque Sensor
Torque Sensor Correction Value	Transistors Temperature
Vehicle Speed - Low Resolution	

ElectronicParkBrake Sensors

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	Ignition Key In / Out
Motor Applying	Motor Releasing
Partial Apply	Run / Acc Position
Run / Start Position	Trans Gear Selected
Yellow Fault Warning Lamp Indicator Driver	

EnhancedPowertrain Sensors

WOT AC Clutch Primary Circuit Monitor High	# of Completed OBDII Drive Cycles
# of Completed OBDII Trips	# of Continuous Trouble Codes Set
# of Drive Cycles Since Misfire Time	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
Accelerator Pedal Position #1	Accelerator Pedal Position #2
Accelerator Pedal Position #3	Active Axle Ratio
Active Tire Size - Rev / Mile	Air Conditioning Clutch

Air Conditioning Cycling Switch Input	At Time of Misfire: EGRDPFE
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
Automatic Ride Control Fault	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 Fault
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 Fault	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	Battery Electrolyte Temperature
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 Level	Camshaft Position Sensor Status
Cannister Not Venting Failure Mode	Catalyst Fault Monitor
Catalyst Monitor	CCM Fault Monitor
Clutch Pedal is Depressed	Clutch Pedal Position Switch

Clutch Pedal/Park Neutral Pos Sw Input	Coast Clutch Solenoid Circuit Monitor
Coast Clutch Solenoid Control	Coast Clutch Solenoid Output Fault
Cold Advance Solenoid	Commanded Duty Cycle for VCT Solenoid
Commanded Gear by OSC	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
Electronic Pressure Control	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 Control Trans Shift Cmd	Electronic Pressure Control Voltage
Electronic Pressure Ctrl Sol A	Engine Coolant Temperature
Engine Coolant Temperature Input	Engine Coolant Temperature Input - Volts
Engine Coolant Temperature Status	Engine Currently Misfiring
Engine Enable Input	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 Oil Temperature	Engine Oil Temperature Fault Detection
Engine Oil Temperature Input	Engine Oil Temperature Input - Volts
Engine RPM	EVAP .020 Leak Check Allowed After Refuel

EVAP .020 Leak Check Complete	EVAP .020 Leak Check Conditions Present
EVAP Monitor Test Ready	Evaporative Emission Canister Purge Fault
Evaporative Emission Canister Vent Valve	Evaporative Emission Monitor
Evaporative Emission Purge Monitor Complete	Evaporative Emission Vapour Management Fault
Evaporative Emissions Canister Purge Duty Cycle	Evaporative Monitor Soak Time Conditions Met
Evaporative Purge Flow Sensor	Evaporative Vapour Management Actual
Exhaust Back Pressure	Exhaust Back Pressure - Volts
Exhaust Back Pressure Duty Cycle	Exhaust Gas Recirculation Check Solenoid
Exhaust Gas Recirculation Short to Ground Detected	Exhaust Gas Recirculation Solenoid A
Exhaust Gas Recirculation Solenoid Valve - Vacuum	Exhaust Gas Recirculation Status
Exhaust Gas Recirculation Vacuum Regulator Fault	Exhaust Gas Recirculation Valve Duty Cycle
Exhaust Gas Recirculation Valve Position	Exhaust Gas Recirculation/Barometric Pressure Sensor
Exterior Temperature Sensor - Unfiltered	Fan Control High Fault
Fan Control Low Fault	Fan Monitor High
Fan Speed Monitor	Flex Fuel Learned
Flex Fuel Sensor Input	Flex Fuel Sensor Status
Fuel Cap Off Indicator Lamp	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	Fuel Level Analog Input #2 Status
Fuel Level Indicator - Volts	Fuel Level Indicator Input
Fuel Offset for Injector A	Fuel Offset for Injector B
Fuel Offset for Injector C	Fuel Offset for Injector D
Fuel Pressure	Fuel Pulse Width #1
Fuel Pump 2	Fuel Pump Actual State
Fuel Pump Duty Cycle	Fuel Pump Monitor

Fuel Pump Output Fault	Fuel Pump Regulator Control
Fuel Pump Secondary Monitor	Fuel Pump Secondary Monitor - Percentage
Fuel Rail Pressure	Fuel Rail Pressure Input - Volts
Fuel Rail Pressure Transducer Status	Fuel Rail Temp Sensor B2 Currently Unreliable
Fuel Rail Temp Sensor B2 Raw Input	Fuel Rail Temp Sensor Currently Unreliable
Fuel Rail Temperature Sensor - Bank 2	Fuel Rail Temperature Sensor Raw Input
Fuel Solenoid Valve	Fuel Solenoid Valve Monitor
Fuel Tank Pressure Input	Fuel Tank Pressure Sensor Failure
Fuel Tank Pressure Transducer	Gear Commanded By Module
Generator Field Duty Cycle	Generator Monitor
Generator Output Fault	Glow Plug Coil Duty Cycle
Glow Plug Coil On	Glow Plug Control
Glow Plug Current - Left Bank	Glow Plug Current - Right Bank
Glow Plug Lamp	Glow Plug Lamp On
Hard Acceleration Detected	Headlamps
Heated Exhaust Gas Oxygen Sensor - Bank 1 Sensor 1	Heated Exhaust Oxygen Sensor System Evaluated
Hi Speed Fan Primary Circuit MonHigh	High Speed Fan Control
Highest Gear Allowed	Idle Air Control
Idle Air Control Fault	Idle Air Control Short Detected
Idle Air Control Short Term Airflow Trim	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	Inferred Flex Fuel
Injector Control Pressure	Injector Control Pressure - Volts
Injector Control Pressure Duty Cycle	Injector Pulse Width - Bank 1
Injector Pulse Width - Bank 2	Inlet Air Temperature Status
Intake Air Temp Sensor 2 Input	Intake Air Temp Sensor 2 Input - Volts
Intake Air Temperature	Intake Air Temperature - Volts
Intake Air Temperature Fault	Intake Air Temperature Input
Intake Manifold Absolute Pressure	Intake Manifold Runner Control
Intake Manifold Runner Control Fault	Intake Manifold Runner Ctrl Duty Cycle

Intake Manifold Runner Control Monitor	Intake Manifold Runner Control 2 Monitor
Intake Manifold Runner Control	Intake Manifold Tuning Valve Control
Intake Manifold Tuning Valve Status	Intake Manifold Tuning Valve
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 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 Air Flow Status
Mass Fuel Desired	Meas Start of Injection
Medium Fan Control	Medium Fan Control Status
MIL Lamp Output Fault Detected	MIS
MIS Monitor KAM	Misfire Monitor Evaluated
Misfire Wheel Profile Learned in KAM	Needle Lift Lost
Net Engine Torque	Net Torque into Torque Convertor
Number of Misfires - Cylinder 1	Number of Misfires - Cylinder 2
Number of Misfires - Cylinder 3	Number of Misfires - Cylinder 4
Number of Misfires - Cylinder 5	Number of Misfires - Cylinder 6
Number of Misfires - Cylinder 7	Number of Misfires - Cylinder 8
O2S Downstream Heater Control	O2S Heater Fault
O2S Heater Feedback	O2S Upstream Heater Control
Octane Adjust Status	Octane Adjust/Spark Retard
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 Cancel Switch/Hold Switch	Overdrive Drum Speed

Parking Brake Switch	Partial Load Advance Solenoid
PATS: # of Ignition 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
Pressure Control Failure Mode	Profile Ignition Pickup Input
Purge Thermistor Flow Sensor Currently Unreliable	Purging EVAP Cannister
Rear O2 Fuel Trim - Bank 1	Rear O2 Fuel Trim - Bank 2
Rear Window Defogger	Required Pressure for 3-2 Timing CCS
Resume Switch	Reverse Control Lamp Status
Reverse Selected	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 Evaluated
Secondary Throttle Position Duty Cycle	Secondary Throttle Position Input
Service Idle Adjust Status	Set / Acceleration Switch
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 Actuator Switch Coast	Speed Control Actuator Switch Off

Speed Control Actuator Switch On	Speed Control Cancel Switch
Speed Control Comm Error Detected	Speed Control Input Switch
Speed Control Null	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	Tachometer Drive Frequency
TC Engine Torque Out	TC Engine Torque Requested
Thermal Manifold Absolute Pressure	Thermostat Heater Control
Throttle Position Input	Throttle Position Mode
Throttle Position Relative	Throttle Position Sensor Status
Time Since Engine Start	Torque Converter Clutch - Modulated
Torque Converter Clutch Actual	Torque Converter Clutch Ctrl Internal Circuit Mon
Torque Converter Clutch Fault	Torque Converter Output State Control
Torque Converter Slip Actual	Torque Converter Slip Desired
Torque Fuel/Spark Limiting Status	Tow Haul Switch
TR TQFinal	TR TQMax
TR TQRAT	Traction Control Available
Traction Control System Modulating	Traction Control Throttle Control
Transaxle Ratio Learned	Transfer Case Speed Sensor
Transmission Control Indicator Light	Transmission Control Indicator Light Fault
Transmission Fluid Temperature	Transmission Fluid Temperature - Input
Transmission Fluid Temperature - Volts	Transmission Gear Ratio
Transmission Output 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	Transmission Range Duty Cycle
Transmission Range Frequency	Transmission Range Sensor - No FMEM
Transmission Range Sensor - Volts	Transmission Rev Switch Input
Transmission Slip Ratio	Turbine Shaft Speed - No FMEM
Turbine Speed Sensor Failure Mode	Turbine/Input Speed Sensor

Turbocharger Wastegate Control	Unlimited Transponder Security Key
Unlock Convertor for Traction Control	Variable Assist Power Steering Output Current
Variable Cam Timing Actual Advance	Variable Cam Timing Advance Error
Variable Cam Timing Solenoid Actual State	Variable Cam Timing Status
Variable Fan Duty Cycle	Variable Load Control Module
Variable Speed Fan Output Fault	Vehicle Power Voltage
Vehicle Reference Voltage	Vehicle Speed
Vehicle Speed - High Resolution	Vehicle Speed Cruise Control Setting
Vehicle Speed Sensor Signal Status	Vent Solenoid Open to Atmosphere
Visctronic Cooling Fan Speed Sensor	Volume Fuel Desired
Which PCM	Wide Open Throttle A/C Cut-Off Fault

EnhancedPowertrain2 Sensors

# of Completed OBDII Drive Cycles	# of Completed OBDII Trips
# of Continuous Trouble Codes Set	A/C Head Pressure Switch Input
Inlet Air Temperature Status	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 Fault
Fuel Pump Secondary Monitor High	Fuel Tank Pressure Monitor
Heated Exhaust Gas Oxygen Sensor - Bank 1 Sensor 1	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	Number of Misfires - Cylinder 1
Number of Misfires - Cylinder 2	Number of Misfires - Cylinder 3
Number of Misfires - Cylinder 4	Number of Misfires - Cylinder 5
Number of Misfires - Cylinder 6	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
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
Transmission Range Sensor - 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

EnhancedPowertrainCAN Sensors

# 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 - Percentage
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: EGR DPFE Sensor	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
Bank 1 Upstream O2S Heater Circuit Fault	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 Input FMEM Flag	Barometric Pressure
Barometric Pressure - Hz	Barometric Pressure - Volts
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
Variable Cam Timing Status	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 - Volts
EGR Throttle Position Control	EGR Valve Position Desired
EGR Valve Position - Volts	EGR Valve Vacuum Control
Electric EGR Motor Commanded In Steps	Electronic Throttle Control Actual
Electronic Throttle Control Desired	Engine Coolant Temperature
Engine Coolant Temperature - Volts	Fuel Rail Pressure

Fuel Rail Pressure Input - Volts	Engine Oil Temperature Sensor
Engine Oil Temperature	Engine Oil Temperature FMEM
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 Fault
Fuel Injector #2 Fault	Fuel Injector #3 Fault
Fuel Injector #4 Fault	Fuel Injector #5 Fault
Fuel Injector #6 Fault	Fuel Injector #7 Fault
Fuel Injector #8 Fault	Fuel Level Input Sensor
Fuel Level Input - Volts	Fuel Pulse Width
Fuel Pump Fault	Fuel Pump Monitor
Fuel Pump Secondary Monitor High	Fuel Rail Pres Transducer Status
Fuel Rail Temp Sensor Status	Fuel Rail Temperature
Fuel Rail Temperature Sensor - Volts	Fuel Tank Pressure Monitor
Fuel Tank Pressure Transducer Status	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
Firm Shift	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	Fan Control High 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 - Desired	Injector Control Pressure
Injector Control Pressure - Volts	Injector Control Pressure Regulator
Injector Pulse Width - Bank 1	Injector Pulse Width - Bank 2
Injector Timing	Input Shaft Speed
Intake Manifold Tuning Valve Vac Control	Intake Air Temperature
Intake Air Temperature - Volts	Intake Air Temperature 2 - Volts
Intake Air Temperature 2	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: Minimum # Of Keys Required	IPATS: Security Access Type
IPATS: Unlimited Key Mode	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	Mass Air Flow - Volts
Manifold Absolute Pressure	Manifold Absolute Pressure Sensor - Volts
Manifold Absolute Pressure Sensor Status	Manifold Gauge Pressure
Mass Air Flow	Mass Air Flow Rate - Volts
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	MIL Requested On
MIS Monitor KAM	Misfire Percent Delta Cylinder #1
Misfire Percent Delta Cylinder #2	Misfire Percent Delta Cylinder #3
Misfire Percent Delta Cylinder #4	Misfire Percent Delta Cylinder #5
Misfire Percent Delta Cylinder #6	Misfire Percent Delta Cylinder #7
Misfire Percent 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 Correction Profile Learned	Fuel Pump
Net Engine Torque	Net Torque into Torque Convertor
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 - Active	PCM ID Verified
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 - Rev Per Mile	Torque Converter By OSC
Torque Converter Clutch Control	Torque Converter - Speed Ratio Across
Torque Converter Clutch Slip Desired	Torque Fuel/Spark Limiting Status
Transmission Control Indicator Light	Transmission Control Indicator Lamp Clutch Control Status
Transmission Fluid Temperature Failure Mode	Transmission Fluid Temperature Input
Transmission Fluid Temperature Input - Volts	Transmission Gear Ratio
Transmission is Over-Temperature	Transmission Line Pressure Control - Volts
Transmission Range Sensor - Volts	Transmission Range Status
Transmission Selector Position Switch 1 Input	Transmission Selector Position Switch 2 Input
Transmission Selector Position Switch 3 Input	Transmission Selector Position Switch 4 Input
Transaxle Ratio Learned	Transmission Control Switch Depressed
Transmission Gear Command	Transmission Line Pressure Control
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 Fault
Variable Cam Timing Fault	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
Variable Cam Timing Control Circuit Monitor	Variable Cam Timing Advanced Error
Variable Cam Timing Actual Advance	Vehicle Speed Failure Mode
Vehicle Speed Sensor	Volume Fuel Desired
VSOUT Fault	Water In Fuel
WOT A/C Primary Circuit Fault	WOT A/C Cut-Off Actual
Fuel Injector #9 Fault	Fuel Injector #10 Fault
Turbocharger Wastegate Control	Spark Duration - Cylinder 1
Spark Duration - Cylinder 2	Spark Duration - Cylinder 3
Spark Duration - Cylinder 4	Spark Duration - Cylinder 5

Spark Duration - Cylinder 6	Spark Duration - Cylinder 7
Spark Duration - Cylinder 8	Spark Duration - Cylinder 9
Spark Duration - Cylinder 10	Spark Duration Actual
Heater Pump Commanded	Heater Pump Status
Flex Fuel Learned	Flex Fuel Sensor
Flex Fuel Sensor Status	Inferred Flex Fuel
Air Flow Rate from Mass Air Flow	Alternator Output Voltage - Measured
Ambient Air Temperature	Average Distance Between Regeneration
Distance Since Last Complete Regeneration	Distance Since Last Regeneration Trial
Engine Speed Synchronization State	Exhaust Gas Temperature After Catalyst
Exhaust Gas Temperature Before Catalyst - Bank 1	Fuel Rail Pressure
Injector 1 Cylinder Balance	Injector 2 Cylinder Balance
Injector 3 Cylinder Balance	Injector 4 Cylinder Balance
Measured Differential Pressure of Particulant Filter	Number of Failed Regeneration Attempts
Sensor Supply Voltage	Sensor Supply Voltage 2
Commanded EGR	Difference Between Commanded And Actual
Injector Classification	Exhaust Gas Temperature After Catalyst 1 - Bank 1
Exhaust Gas Temperature After Catalyst 2 - Bank 1	Average Distance Between Regeneration
Distance Since Last Complete Regeneration	Distance Since Last Regeneration Trial
Diesel Particulate Filter	Diesel Particulate Filter - Volts
Barometric Pressure	Time Above Diesel Particulant Filter Temperature Level 1
Time Above Diesel Particulant Filter Temperature Level 2	Time Above Diesel Particulant Filter Temperature Level 3
EGR Temperature Sensor A - Volts	EGR Temperature Sensor B - Volts
EGR Temperature A	EGR Temperature B
EGR Valve Position Actual	Short Term Fuel Trim - Cylinder 1
Short Term Fuel Trim - Cylinder 2	Short Term Fuel Trim - Cylinder 3
Short Term Fuel Trim - Cylinder 4	Short Term Fuel Trim - Cylinder 5
Short Term Fuel Trim - Cylinder 6	Short Term Fuel Trim - Cylinder 7

Short Term Fuel Trim - Cylinder 8	
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Enhanced Powertrain FF Sensors

Heated Exhaust Gas Oxygen Sensor - Bank 1 Sensor 1	Heated Exhaust Gas Oxygen Sensor - Bank 1 Sensor 2
Heated Exhaust Gas Oxygen Sensor - Bank 2 Sensor 1	Idle Speed Control Valve Duty Cycle
Time Since Engine Start	Commanded Evaporative Purge
Fuel Level Input	Number Of Warm-ups Since Cleared
Distance Since Diagnostic Trouble Codes Cleared	Barometric Pressure
Catalyst Temperature Bank 1, Sensor 1	Catalyst Temperature Bank 2, Sensor 1
Control Module Voltage	Absolute Load Value
Commanded Equivalence Ratio	Relative Throttle Position
Ambient Air Temperature	Absolute Throttle Position B
Accelerator Pedal Position Sensor D	Accelerator Pedal Position Sensor E
Accelerator Pedal Position Sensor F	Commanded Throttle Actuator Control

Fuel Additive Control CAN Sensors

of Continuous Codes

Fuel Injection Control CAN Sensors

# of Continuous Trouble Codes Set	Fuel Tank Pressure Transducer
Vehicle Power Voltage	

GEM Central Timer Sensors

# of Continuous Trouble Codes Set	# of Programmed Transmitters
4WD Center Axle Disengage Switch	4WD Center Axle Engage State
4WD Clutch PWM Status	4WD Electronic Clutch Out
4WD High Warning Indicator	4WD Input Switch
4WD Low Warning Indicator	4WD Pulse Width Module Duty Cycle #1
ABS Power Relay Output State	Accessory Delay Relay Circuit
Adjustable Pedal Rearward/Forward Pos	Air Bag Chime
Air Suspension Switch Status	Air Suspension Compressor Relay Status

Air Suspension Vent Solenoid Status	Airbag / Seatbelt
Alarm Event-2nd Last	Alarm Event-3rd Last
Alarm Event-4th Last	Alarm Event-Last
Alarm Inhibit Switch	All Doors Unlock Switch
All Doors Unlock Output State	Alternator Status
Anti-Theft Trigger Status	Autolamp
Autolamp Delay Time	Autolamp Output Status
Autolamp Switch Status	Auxiliary Brake Motor Relay
Auxiliary Brake Motor Warning Lamp	Auxiliary Motor Input
Backup Lamps Switch	Backup Lamps Switch Status
Battery Saver Relay Status	Beltminder Chime Request
Blower Motor	Brake Fluid
Brake Fluid Flow Switch	Brake Fluid Level
Brake Fluid Level Switch #1	Brake Fluid Level Switch #2
Brake Pedal Switch	Brake Pressure Differential Switch
Brake Warning Lamp	Cargo Set Alarm Switch
CCW Four Wheel Drive Shift Motor Output Status	Center Axle Disengage Switch
Center Axle Hall Effect Sesnor Power	Air Suspension Rear Height Sensor Status
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
Currently Open Contact Plates	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 Warning Indicator
Door Ajar Output Signal Status	Door Handles
Double Lock Reset Line Status	Double Lock Set Line Status
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's Front Door Switch Status

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 Effect Sensor
Driver Window Up Switch	ECU Anti-Theft Switch
Engine Coolant Level	Engine Coolant Warning Lamp
Engine Oil Level	Engine Oil Pressure
Exterior Lamp Input Switch Status	External Chime Request
External Temp Sensor Unfiltered Data	Factory Keyless Entry Code
Flash Relay Output Status	Fog Lamps 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
Heated Windshield Driver Output State	Heated Windshield Switches
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
Last 8 Alarm Events	Last Remote Keyless Entry Received
Left Front Power Window Relay Status	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 Solenoid Output Status	Left Rear Door Ajar
Left Turn Switch	Lights On Warning
Low Air Brake Pressure Switch	Low Coolant
Low Fuel Level Indicator Output Status	Measurement Time Unit
Memory Door Lock Driver Output State	Module Operating State

Module Supply Voltage	Neutral Tow Function
Neutral Safety Switch	Neutral Tow Light
Occupant Pos Sys State Front Psgr Side	Oil Level Warning Indicator
Oil Pressure Switch Input Status	One Touch Detect
One Touch Down Switch	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
Radio Remove Switch	Rear Defrost Driver Output State
Rear Defrost Switch	Rear Driver Door
Rear Fog Lamp Switch Signal	Rear Passenger Door
Rear Washer Pump Switch Status	Rear Wiper Down Driver Output State
Rear Wiper Input Switch Status	Rear Wiper Mode Select
Rear Wiper Relay	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 Door Ajar	Right Rear Air Spring Solenoid Output Status
Right Rear Door Ajar	Right Turn Switch
Run / Acc Position	Run / Acc Switch Position
Run / Start Key Position	Run / Start Position
Running Board Lighting	Seat Belt Lamp Driver Output State
Seat Belt 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 Positive Voltage
Tailgate Ajar	Tailgate or Hood Set Alarm Switch
Throttle Position Status	Tone Request
Down Switch Status	Up Switch Status
Transmission Clutch Interlock Switch	Transmission Gear Selected
Transfer Case Contact Plate Ground Return	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
Unlock Switch Status	Variable Assist Power Steering Input Current
Variable Assist Power Steering Output Current	Vehicle Overspeed Warning Status
Vehicle Power Voltage	Vehicle Speed - Low Resolution
Vehicle Speed - High Resolution	Washer Fluid Lamp Driver Output State
Washer Fluid Level	Washer Pump Relay Circuit
Washer Pump Switch Status	Window Down Switch
Window Driver Output State	Window Pos Invalid Sensor Status
Window Pos Sensor Status	Windshield Wiper Status
Windshield Wiper Park-to-Park Time	Windshield Wiper Status
Wiper Control Mode Select	Wiper Motor Status
Wiper Run Relay Driver State	Wiper Status
Wiper Two Speed Relay	

HeadlampControlCAN Sensors

# of Continuous Trouble Codes Set	# of On Demand Codes
Ignition Voltage	Stepper Motor Left
Stepper Motor Right	

HybridElectricVehicleCAN Sensors

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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	

HybridElectronicCluster Sensors

# of Continuous Trouble Codes Set	A/C Demand Switch Input
ABS Warning Indicator Input Status	Accessory Delay Relay Circuit
Air Bag Chime	Air Conditioning
Air Filter Minder Switch	Air Suspension Warning
Autolamp Switch	Battery Saver Driver Output State
Battery Voltage	Brake Fluid Level
Brake Pad Wear Switch Okay	Brake System Wrn Indicator Input Status
Climate Control Blend Door Pos Feedback	Courtesy Lamps
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
English / Metric Status	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 Key In / Out

Ignition Switch - Accessory Position	Ignition Switch - Lock Position
Ignition Switch - Off/Lock Position	Ignition Switch - RUN Position
Ignition Switch Position	Info Switch
Left Rear / Sliding Door Ajar	Left Turn Switch
Lighting Mode Input Switch Status	Main Blower Status
Module Supply Voltage	Odometer
Oil Level	Oil Pressure Switch
Panel Backlight Dim Decrease Switch	Panel Backlight Dim Increase Switch
Panel Intensity Analog Input	Park Brake Applied Lamp
Parking Brake Applied Solenoid	Parking Brake Release Relay
Parking Brake Switch Input	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	Rear Defrost
Rear Defrost Relay Circuit	Rear Defrost Switch
Rear Fog Lamp Switch Signal	Reset Switch
Reverse Sensing System Input	Right Rear Door Ajar
Right Turn Switch	Select / Mode Switch
Setup Switch	Steering Column Switch Status
Steering Column Telescope Pos Sensor	Steering Column Tilt Position Sensor
Traction Control System Disable Switch	Trans Select Lever in Park Position
Trip / Odometer Button	Trip Odometer
Trip Reset	Vehicle Speed Input to Overhead Trip Computer
Virtual Image Cluster - Clock	Virtual Image Cluster - English / Metric Switch
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	

InjectorControlModule Sensors

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# of Continuous Trouble Codes Set	Combustion Noise Signal Background Level
Cylinder 1 Combustion Noise Signal Ratio	Cylinder 1 Combustion Noise Signal Trim At Higher Pressure
Cylinder 1 Combustion Noise Signal Trim At Lower Pressure	Cylinder 2 Combustion Noise Signal Ratio
Cylinder 2 Combustion Noise Signal Trim At Higher Pressure	Cylinder 2 Combustion Noise Signal Trim At Lower Pressure
Cylinder 3 Combustion Noise Signal Ratio	Cylinder 3 Combustion Noise Signal Trim At Higher Pressure
Cylinder 3 Combustion Noise Signal Trim At Lower Pressure	Cylinder 4 Combustion Noise Signal Ratio
Cylinder 4 Combustion Noise Signal Trim At Higher Pressure	Cylinder 4 Combustion Noise Signal Trim At Lower Pressure
Engine Coolant Temperature	Engine Revolutions Per Minute
Fair Pilot Injector Fuel Quality	Fuel Pressure Desired
Fuel Rail Pressure	Fuel Rail Temperature
IMV Drive	IMV Drive Learned Trim
IMV Drive Trim	Intake Air Temperature
Main Fuel Demand Injector 1	Main Fuel Demand Injector 2
Main Fuel Demand Injector 3	Main Fuel Demand Injector 4
Main Injection Timing Demand	Manifold Absolute Pressure
Module Supply Voltage	Pilot Injection Fuel Demand
Pilot Injection Separation Demand	

Instrument Cluster CAN Sensors

# of Continuous Trouble Codes Set	A/C Demand Switch Input
ABS Warning Indicator Input Status	Accessory Delay Relay Circuit
Air Bag Chime	Air Conditioning
Air Filter Minder Switch	Air Suspension Warning
Autolamp Switch	Battery Saver Driver Output State
Battery Voltage	Brake Fluid Level
Brake Pad Wear Switch Okay	Brake System Wrn Indicator Input Status
Climate Control Blend Door Pos Feedback	Courtesy Lamps

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 Key Status	Ignition Switch - Accessory Position
Ignition Switch - Off/Lock Position	Ignition Switch - Off/Unlock Position
Ignition Switch - RUN Position	Ignition Switch - START Position
Info Switch	Left Rear / Sliding Door Ajar
Left Turn Switch	Lighting Mode Input Switch Status
Main Blower Status	Module Operating State
Module Supply Voltage	Odometer
Oil Level	Oil Pressure Switch
Panel Backlight Dim Decrease Switch	Panel Backlight Dim Increase Switch
Panel Intensity Analog Input	Park Brake Applied Lamp
Parking Brake Applied Solenoid	Parking Brake Release Relay
Parking Brake Switch Input	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	Rear Defrost
Rear Defrost Relay Circuit	Rear Defrost Switch
Rear Fog Lamp Switch Signal	Reset Switch
Reverse Sensing System Input	Right Rear Door Ajar
Right Turn Switch	Select / Mode Switch
Setup Switch	Steering Column Switch Status
Steering Column Telescope Pos Sensor	Steering Column Tilt Position Sensor
Traction Control System Disable Switch	Trans Select Lever in Park Position
Trip / Odometer Button	Trip Odometer
Trip Reset	English / Metric Status
Vehicle Speed Input to Overhead Trip Computer	Virtual Image Cluster - Clock
Virtual Image Cluster - English / Metric Switch	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

LeftHandPowerSlidingDoor Sensors

# 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

LeftHeadlampControl Sensors

of Continuous Trouble Codes Set

LiftgateTrunk Sensors

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	

LightControl Sensors

# of Continuous Trouble Codes Set	Accessory Delay Driver Output State
Anti-Theft Indicator Output Status	Autolamp Sensor
Autolamp Analog Input Status	Autolamp Delay Time
Autolamp Switch Status	Auto Lamp Output Status
Autolamp ON Switch	Battery Saver Relay Status
Battery Voltage Threshold	Brake ON/OFF
Decklid / Hatch Ajar	Decklid / Hatch Cylinder Punch-out
Decklid / Hatch Unlock Disarm Switch	Decklid Driver Output State
Decklid Lamp Status	Dimmable Backlighting
Dimmer Switch Input Status	Dome Lamp Switch
Driver Door	Driver Door Cylinder Switch
Driver Door Handle Activated	Driver Door Unlock Arming Switch
Driver Door Unlock Disarm Switch	Driver Lock Activated
Driver Seat Occupied	Drivers Safety Belt
Driver Unlock Activated	Exterior Lamp Input Switch Status
External Access Handles 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
Internal Courtesy Lighting Output Status	Instrument Cluster Lighting Intensity
Interior Lighting Output Intensity	Intrusion Sensor Input Status

Intrusion Sensor Power Status	Ignition Key In / Out
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	Module Supply Voltage
Panel Dimmer Switch Status	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	Passenger Door Handle Activated
Passenger Lock Activated	PATS: System Status
PATS: # of Ign Key Codes Stored	PATS: Failsafe Status
Pulse Width Modulated Dimming Output Status	Rear Defrost Switch
Right High Beam Lamp Driver Output State	Right Low Beam Lamp Driver Output State
Right Rear / Sliding Door Ajar	Right Rear Lock Activated
Rear Turn/S Lamps Circuit Status	Right Tail Lamp Driver Output Status
Steering Column Switches	Steering Column Telescope Position Sensor
Steering Column Tilt Position Sensor	System Battery Voltage Value #1
Turn Signals	Turn Signal Output Status
Turn Signal Power Feed	Wiper in Park Position
Wiper Motor Status	

MessageCenter Sensors

# 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
PWM Dimmable Backlighting	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	

Navigation Sensors

# 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	

NextGenerationSpeedControl Sensors

# 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

OCSMCAN Sensors

# of Continuous Trouble Codes Set	Battery Voltage
Calibration Fault: Passenger Front	Generic OCS Module Fault: Front Passenger Side
Occupancy Model Year	Occupant Classification System Vehicle Identification
OCS Calibration Fault: Front Passenger Side	OCS Communications Fault: Front Passenger Side
OCS Sensing Element Fault: Front	Occupant Position Sensor Communications

Passenger Side	Fault: Passenger Front
Occupant Position Sensor Module	
Fault: Passenger Front	

OverheadTripComputer2 Sensors

# of Continuous Trouble Codes Set	Dimmable Backlighting Duty Cycle
Fuel Level Capacity	Fuel Usage
System Battery Voltage	Vehicle Speed
Vehicle Speed - Low Resolution	

ParkAid Sensors

# of Continuous Trouble Codes Set	Active Mute
Gear Shift Position	Left Rear Center Distance
Left Rear Corner Distance	Left Rear Inner Attenuation
Left Rear Inner Distance	Left Rear Outer Attenuation
Left Rear Outer Distance	Module Configuration Status
Number of Sensors Configured	Parking Aid Cancel Switch
Parking Aid Front Sensor Status	Parking Aid Rear Sensor
Parking Aid Rear Sensor Status	Parking Aid Sounder
Parking Aid Status	Parking Aid System - Inputs Disabled
Rear Left Center Sensor	Rear Left Corner Sensor
Rear Right Center Sensor	Rear Right Corner Sensor
Right Rear Center Distance	Right Rear Corner Distance
Right Rear Inner Attenuation	Right Rear Outer Attenuation
System LED State	Trailer Installed
Trans in Reverse	Vehicle Speed - Low Resolution
Vehicle Speed Above Activation Threshold	Vehicle Speed Above Deactivation Threshold

PassengerDoor Sensors

# 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	Ignition Key In / Out
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

PassengerSeat Sensors

# 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	Ignition Key In / Out
Pass Seat Horizontal Pos Sensor Present	Passenger Door Ajar
Passenger Seat Input Switch Status	Passenger Side Front Belt Fastened

PassiveAntiTheft Sensors

# of Continuous Trouble Codes Set	# of On Demand Codes
Ignition Switch - Accy Position	Ignition Switch - Off / Lock Position
Ignition Switch - Off / Unlock Position	Ignition Switch - START Position
Ignition Switch RUN Position	Ignition Key In / Out
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	

RearElectronic Sensors

# 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 DOWN	Convertible 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	Hard Sense Input
High Mount S 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 S 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 S 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

RemoteAntiTheftPersonality Sensors

# of Continuous Trouble Codes Set	Alarm Event 1
Alarm Event 2	Alarm Event 3
Alarm Event 4	Alarm Event 1
Alarm Event 2	Alarm Event 3
Alarm Event 4	Brake Pedal Switch
Decklid / Hatch Ajar	Decklid / Hatch Cylinder Punch-out
Driver Door Ajar	Driver Door Cylinder Disarmed
Driver Door Cylinder Switch	Driver Keyless Entry
Driver Lock Activated	Driver Unlock Activated
Factory Keyless Entry Code	Gear Selected
Hood Ajar	Ignition Switch - Accy Position
Ignition Switch - RUN Position	Ignition Tamper Sensor
Personality Configuration Status	Remote ID

Remote Transmitter ID	Remote Transmitter Last Command
Right Rear / Sliding Door Ajar	Starter Interrupt Output

RemoteEmergSatelliteCellUnit Sensors

# 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 - INFO	Button Status Phone
Cellular Antenna	Cellular Phone Network Signal Strength
GPS Antenna	

RightHandPowerSlidingDoor Sensors

# 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

RightHeadlampControl Sensors

of Continuous Trouble Codes Set

SemiActiveRideControl Sensors

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 Solenoid
Air Line Front Gate Solenoid	Air Line Rear Fill Solenoid
Air Line Rear Gate Solenoid	Air Susp Pos Sensor Displacement From Trim

Air Suspension At Accurate Trim	Air Suspension Auxiliary Switch
Air Suspension Compressor Relay Status	Air Suspension Disable Switch
Air Suspension Dump Switch LED	Air Suspension Dump Switch State
Air Suspension IP Lamp State	Air Suspension Rear Height Sensor Status
Air Suspension Vent Solenoid Output Status	Air Suspension Vent Solenoid Status
Air Suspension Warning	Brake Switch Status
Center Axle Disconnect	Compressor Cool Down Complete
Compressor Feedback A	Compressor Feedback B
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 Key In / Out	Ignition Run Detect
Ignition Switch - Accy Position	Ignition Switch - Off/Lock Position
Ignition Switch - Off/Unlock Position	Ignition Switch - RUN Position
Ignition Switch - START Position	Lateral Acceleration Value
Left Front Analog Height Sensor	Left Front Shock Absorber Actuator 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	Variable Assist Power Steering Input Current
Variable Assist Power Steering Output Status	Variable Assist Power Steering Output Value
Variable Assist Power Steering Status	Vehicle Speed
Vehicle Speed - High Resolution	Vehicle Speed - Low Resolution
Vehicle Speed Low Resolution	Vehicle Speed Signal

SteeringAngleSystemCAN Sensors

# of Continuous Trouble Codes Set	# of On Demand Codes
Ignition Voltage	Steering Wheel Angle

SteeringColumnLocking Sensors

# of Continuous Trouble Codes Set	Invalid Indicator
Steering Column Lock Ground Output	Steering Column Lock Power Output
Switch State	

TirePressureMonitor Sensors

# of Continuous Trouble Codes Set	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 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 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 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	Spare Tire Pressure
Tire Pressure Status #2	Left Front Tire Pressure
Left Rear Tire Pressure	Right Front Tire Pressure
Right Rear Tire Pressure	Vehicle Speed - Low Resolution

TirePressureMonitorCAN Sensors

# 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	

Trailer Brake Control CAN Sensors

# of Continuous Trouble Codes Set	ABS On/Off Status
Battery Voltage	Brake Pedal Switch
Brake Pressure Transducer Power Supply	Brake Pressure Transducer Sensor
Dimmer Switch Input Status	Manual Trailer Brake Slider Apply Travel
Trailer Brake Controller Output	Trailer Brake Lamps
Trailer Brake Output Gain	Trailer Connect LED
Trailer Connect Status	Trailer Disconnect LED

Transmission Control CAN Sensors

# of Completed OBDII Drive Cycles	# of Completed OBDII Trips
# of Fault Codes & Pending Total	# of On-Demand Codes Total
0-10 Percentage Shift Complete Time	10-90 Percentage Shift Complete Time
Absolute Value of Torque Converter Slip	Actual Slip Across Torque Converter
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
Converter Unlock Due to Excess Slip	Current Gear Ratio
Desired Main Line Pressure	Desired Slip Across the Torque Converter
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 Nuetral Switch in Drive
PCA Fault	Power Steering Load Present
Pressure Control Failure Mode	Shift Type
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 Converter	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 Temperature - Volts	Transmission Fluid Temperature
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 Gear Ratio	Transmission Is Over Temperature
Transmission Range	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	

VariableAssistPowerSteering Sensors

# 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	

VariableLoadControl Sensors

of Continuous Trouble Codes Set
