

# GM Powertrain Actuators

<b>AHCM</b>	4LO Lamp Control	<b>BECM</b>
Blower Motor Target Voltage	4WD High Lock Indicator	Auxiliary Transmission Pump Fluid Supply Sc
FOH Heat Cycle Test	4WD High Open Indicator	Auxiliary Transmission Pump Fluid Supply Sc
Fuel Pump	4WD Indicator Lamp	Auxiliary Transmission Pump Fluid Supply Sc
Glow Plug	4WD Low Discrete	Auxiliary Transmission Pump Fluid Supply Sc
	4WD Low Lock Indicator	Auxiliary Transmission Pump Speed
<b>APM</b>	ATC Motor A Control	Blended Regenerative Braking
Auxiliary Transmission Pump Fluid Supply Sc	ATC Motor B Control	Blended Regenerative Braking Control
Auxiliary Transmission Pump Fluid Supply Sc	ATC Motor B Control #1	Constrain Battery Power Limits
Auxiliary Transmission Pump Fluid Supply Sc	ATC Motor B Control #2	ESCM Keep Awake
Auxiliary Transmission Pump Fluid Supply Sc	Auto 4WD Indicator Lamp	ESCM Service Charge
Auxiliary Transmission Pump Speed	Auto 4WD Indicator Light	Force Autostop /start
Blended Regenerative Braking	AWD Lamp	Force Autostop/Start
Blended Regenerative Braking Control	AWD Lamp Control	High Voltage Crash Event Latch Reset Trigg
Constrain Battery Power Limits	AWD Lamp Control	High Voltage Discharge Fault Latch Reset Tr
Force Autostop /start	Clutch Control	HV Isolation Fault Diagnostic Device Contro
Force Autostop/Start	Clutch Coupling Request	Hybrid Battery Fan PWM Device Control
High Voltage Crash Event Latch Reset Trigg	Clutch Return	Hybrid Battery Negative Contactor
High Voltage Discharge Fault Latch Reset Tr	Diff Lock Control	Hybrid Battery Negative Contactor Device
HV Isolation Fault Diagnostic Device Contro	Diff Lock Indicator Lamp	Hybrid Battery Positive Contactor
Hybrid Battery Fan PWM Device Control	Diff Lock Return	Hybrid Battery Positive Contactor Device
Hybrid Battery Negative Contactor	Encoder Return Test	Hybrid Battery Pre Charge Contactor Device
Hybrid Battery Negative Contactor Device	Engage Front Axle	Hybrid Battery Precharge Contactor
Hybrid Battery Positive Contactor	Mode Switch	Hybrid Transmission Commanded State
Hybrid Battery Positive Contactor Device	Motor A - Low-High (High Side Drive)	Intermediate Voltage
Hybrid Battery Pre Charge Contactor Device	Motor A - Low-High (Low Side Drive)	Motor A Isolation Test Mode
Hybrid Battery Precharge Contactor	Motor A High Side Driver	Motor A Isolation Test Mode
Hybrid Transmission Commanded State	Motor A Low Side Driver	Motor B Isolation Test Mode
Intermediate Voltage	Motor B - High-Low (High Side Drive)	Motor B Isolation Test Mode
Motor A Isolation Test Mode	Motor B - High-Low (Low Side Drive)	Propulsion Battery Pack Cut-off Switch
Motor A Isolation Test Mode	Motor B High Side Driver	Propulsion Battery Pack Fan Speed
Motor B Isolation Test Mode	Motor B Low Side Driver	Regulation of Low Voltage
Motor B Isolation Test Mode	Neutral Indicator	Reset Propulsion Battery Total Ahrs
Regulation of Low Voltage	Neutral Indicator Lamp	Service Boost Mode
Service Boost Mode	Neutral Lamp	
	Neutral Lamp Control	<b>DMCM</b>
	Neutral Lamp Control	Motor 1 Speed Command
	Rear Axle Lock Indicator	
	Rear Diff Lock Control	<b>EFCM</b>
	Rear Diff Lock Return	Exhaust Flow
	Request Mode	
	Request T-Case/Diff Lock Mode Request Ov	<b>EHPS</b>
	Reset Clutch Overtemp Counter (\$311D)	BPP SENSOR CALIBRATION
	Transfer Case Lock	PUMP MOTOR TEST
	Transfer Case Motor Learn	
		<b>FICM</b>
		A/C Compressor Clutch Relay Command

Alternative Fuel Pump  
Brake Pedal Position Sensor Learn Command  
Clutch Pedal Position Learn  
Compression Test  
Cooling Fan Command  
Crankshaft Position Variation Learn  
Cylinder 1 Deactivation Solenoid Valve Command  
Cylinder 4 Deactivation Solenoid Valve Command  
Cylinder 6 Deactivation Solenoid Valve Command  
Cylinder 7 Deactivation Solenoid Valve Command  
Cylinder Deactivation System Command  
Desired Intake Manifold Runner Control Valve  
Desired Throttle Position  
Engine Controls Ignition Relay Command  
Engine Coolant Thermostat Heater Command  
Engine Speed Command  
EVAP Purge Solenoid Valve Command  
EVAP Purge/Seal  
EVAP Service Bay Test  
EVAP Vent Solenoid Valve Command  
Exhaust Camshaft Position Actuator  
Exhaust Camshaft Position Actuator Command  
Fuel Composition Reset  
Fuel Control Loop Status  
Fuel Heater Relay 1  
Fuel Heater Relay 2  
Fuel Heater Relay 3  
Fuel Injector Balance Command  
Fuel Mode Select Switch Indicator  
Fuel Mode Selection Override  
Fuel Pump Relay Command  
Fuel Trim Learn  
Fuel Trim Reset  
Generator L-Terminal  
High Pressure Fuel Cut-Off Solenoid Valve  
HO2S 1 Heater Command  
HO2S 2 Heater Command  
HO2S Heater Command Bank 1 Sensor 1  
HO2S Heater Command Bank 1 Sensor 2  
HO2S Heater Command Bank 2 Sensor 1  
HO2S Heater Command Bank 2 Sensor 2  
HO2S Heater Learn  
Idle Ignition Timing  
Idle Learn  
Ignition Timing Retard  
Injector Flow Test  
Intake Camshaft Position Actuator  
Intake Camshaft Position Actuator Command

Intake Manifold Tuning Control Valve  
Low Pressure Fuel Cut-Off Solenoid Valve  
Malfunction Indicator Lamp (MIL)  
Remote Vehicle Start Disable History Reset  
Starter Relay  
Turbocharger Bypass Solenoid Valve  
Turbocharger Wastegate Solenoid Valve Command

### FPCM

Active Grille Air Shutter Position Command  
Desired Fuel Rail Pressure  
Driveline Mount Output 1  
Driveline Mount Output 2  
Exhaust Flow Control Valve Command  
Fuel Pressure Control  
Fuel Pump  
Fuel Pump Closed-Loop Correction Reset  
Fuel Pump Command  
Fuel Pump Duty Cycle  
Fuel Pump Trim Reset  
Fuel Trim Reset  
Fuel Trim Reset Command

### FPCM/FTC

Fuel Pump Command  
Fuel Pump Duty Cycle  
Fuel Trim Reset Command

### FSCM

Desired Fuel Rail Pressure  
Fuel Pump Closed-Loop Correction Reset  
Fuel Pump Command  
Fuel Pump Duty Cycle  
Fuel Trim Reset Command

### GBCM

Gen L Terminal

### GPCM

Glow Plug Relay  
IAH  
Nox Reductant Heater 1  
Nox Reductant Heater 2  
Nox Reductant Heater 3

### HPCM

14V Power Module Setpoint  
Auxiliary Coolant Pump Relay Command  
Auxiliary Transmission Fluid Pump  
Auxiliary Transmission Fluid Pump Command  
Auxiliary Transmission Pump Fluid Supply Sc

Auxiliary Transmission Pump Fluid Supply Sc  
Auxiliary Transmission Pump Fluid Supply Sc  
Auxiliary Transmission Pump Fluid Supply Sc  
Auxiliary Transmission Pump Speed  
Blended Regenerative Braking  
Blended Regenerative Braking Control  
Calculated Line Pressure  
Canister Purge Duty Cycle  
Canister Vent  
Clear Secured High Voltage DTCs  
Constrain Battery Power Limits  
Cooling Fan Motor Command  
Cooling Fan Relay 1  
Cooling Fan Relay 2  
Cooling Fan Relay 3  
Crank Decode Mode  
Crankshaft Position Variation Learn Trigger  
Cylinder Balance Test  
Displacement on Demand Solenoid A  
Displacement on Demand Solenoid B  
Displacement on Demand Solenoid C  
Displacement on Demand Solenoid D  
Drive Motor 1 Speed  
EVAP Service Test Trigger  
Exhaust Cam Phase Angle Bank 1  
Exhaust Cam Phase Angle Bank 2  
Exhaust Cam Phase Solenoid Bank 1  
Exhaust Cam Phase Solenoid Bank 2  
Force Autostop /start  
Force Autostop/Start  
Fuel Closed Loop  
Fuel Pump Duty Cycle  
Fuel Trim Learn  
Fuel Trim Reset Trigger  
High Voltage Crash Event Latch Reset Trigger  
High Voltage Discharge Fault Latch Reset Trigger  
HV Isolation Fault Diagnostic Device Control  
Hybrid Battery Fan PWM Device Control  
Hybrid Battery Negative Contactor  
Hybrid Battery Negative Contactor Device  
Hybrid Battery Positive Contactor  
Hybrid Battery Positive Contactor Device  
Hybrid Battery Pre Charge Contactor Device  
Hybrid Battery Precharge Contactor  
Hybrid Transmission Commanded State  
ICE Autostart/Autostop  
Idle Engine Speed  
Injector Flow Test

Intake Cam Phase Angle Bank 1  
Intake Cam Phase Angle Bank 2  
Intake Cam Phase Solenoid Bank 1  
Intake Cam Phase Solenoid Bank 2  
Intermediate Voltage  
Learned Airflow Adapts Reset Trigger  
Malfunction Indicator Lamp  
Mode Switch  
Motor A Isolation Test Mode  
Motor A Isolation Test Mode  
Motor B Isolation Test Mode  
Motor B Isolation Test Mode  
NDP\_Clear High Voltage DTCs in the Hybrid  
NDP\_Regenerative Braking Command  
OOxygen Sensor Heater Resistance Reset Tr  
Oxygen Sensor Heater Bank 1 Sensor 1 Duty  
Oxygen Sensor Heater Bank 1 Sensor 2 Duty  
Oxygen Sensor Heater Bank 2 Sensor 1 Duty  
Oxygen Sensor Heater Bank 2 Sensor 2 Duty  
Power Electronics Coolant Pump A  
Powertrain Relay  
Regulation of Low Voltage  
Remote Vehicle Start Disable History Reset  
Reset  
Secondary Fuel Pump  
Service Boost Mode  
Spark Retard Angle  
Throttle Position

## MCP1

Auxiliary Transmission Pump Fluid Supply Sc  
Auxiliary Transmission Pump Fluid Supply Sc  
Auxiliary Transmission Pump Fluid Supply Sc  
Auxiliary Transmission Pump Fluid Supply Sc  
Auxiliary Transmission Pump Speed  
Blended Regenerative Braking  
Blended Regenerative Braking Control  
Constrain Battery Power Limits  
Force Autostop /start  
Force Autostop/Start  
High Voltage Crash Event Latch Reset Trigg  
High Voltage Discharge Fault Latch Reset Ti  
HV Isolation Fault Diagnostic Device Contro  
Hybrid Battery Fan PWM Device Control  
Hybrid Battery Negative Contactor  
Hybrid Battery Negative Contactor Device  
Hybrid Battery Positive Contactor  
Hybrid Battery Positive Contactor Device

Hybrid Battery Pre Charge Contactor Device  
Hybrid Battery Precharge Contactor  
Hybrid Transmission Commanded State  
Intermediate Voltage  
Motor A Isolation Test Mode  
Motor A Isolation Test Mode  
Motor B Isolation Test Mode  
Motor B Isolation Test Mode  
Regulation of Low Voltage  
Service Boost Mode

## MCP2

Auxiliary Transmission Pump Fluid Supply Sc  
Auxiliary Transmission Pump Fluid Supply Sc  
Auxiliary Transmission Pump Fluid Supply Sc  
Auxiliary Transmission Pump Fluid Supply Sc  
Auxiliary Transmission Pump Speed  
Blended Regenerative Braking  
Blended Regenerative Braking Control  
Constrain Battery Power Limits  
Force Autostop /start  
Force Autostop/Start  
High Voltage Crash Event Latch Reset Trigg  
High Voltage Discharge Fault Latch Reset Ti  
HV Isolation Fault Diagnostic Device Contro  
Hybrid Battery Fan PWM Device Control  
Hybrid Battery Negative Contactor  
Hybrid Battery Negative Contactor Device  
Hybrid Battery Positive Contactor  
Hybrid Battery Positive Contactor Device  
Hybrid Battery Pre Charge Contactor Device  
Hybrid Battery Precharge Contactor  
Hybrid Transmission Commanded State  
Intermediate Voltage  
Motor A Isolation Test Mode  
Motor A Isolation Test Mode  
Motor B Isolation Test Mode  
Motor B Isolation Test Mode  
Regulation of Low Voltage  
Service Boost Mode

## PCM

(1998)EVAP Canister Vent Solenoid  
1-2 / 3-4 Shift Solenoid  
1-2 Solenoid  
2-3 Solenoid  
3-2 Downshift  
3-2 Downshift Solenoid  
3-2 Solenoid Duty Cycle

A Solenoid Control  
A/C Clutch  
A/C Clutch #1  
A/C Clutch #2  
A/C Clutch #3  
A/C Clutch Relay  
A/C Compressor  
A/C Compressor Clutch Relay Command  
A/C Compressor Control  
A/C Condensor Fan  
A/C Relay  
AC Relay  
Add-On Heater Relay 1 Command  
Add-On Heater Relay 2 and 3 Command  
AFO Signal Enable  
Afterboil Coolant Pump  
Air Conditioner Compressor Relay  
Air Conditioning Clutch  
Air Conditioning Compressor  
Air Conditioning Compressor Clutch  
Air Pump  
Air Pump Relay  
Air Service Bay Test  
AIR Solenoid  
Air Solenoid Relay  
AIR System Service Bay Test Trigger  
Alternator Lterm  
Alternator L-Terminal  
APP Learn  
ATF High Temp Indicator  
ATF High Temperature Indicator  
AUX Cooling Fan  
Aux Intake Air Ctrl Sol(LNK) #1  
Aux Intake Air Ctrl Sol(LNK) #2  
Auxiliary Coolant Pump Relay Command  
Auxiliary Cooling Fan  
Auxiliary Intake Air Control Solenoid  
Auxiliary Transmission Pump  
Auxiliary Transmission Pump Fluid Supply Sc  
Auxiliary Transmission Pump Fluid Supply Sc  
Auxiliary Transmission Pump Relay  
Auxiliary Transmission Pump Speed  
Auxiliary Vacuum Pump Relay Command  
B Solenoid Control  
Band Apply Solenoid  
Blended Regenerative Braking Control  
Boost Duty Cycle  
Boost Pressure Sensor Learn

Boost Solenoid	Cold Start-Up	Cruise Speed
Boost Solenoid Duty Cycle	Command Gear Select	Cylinder 1 Deactivation Solenoid Valve Com
Brake Boost Pump Control	Commanded High Fuel Pressure	Cylinder 1 Ignition Coil
Brake Fluid Pressure Hold Solenoid 1 Contr	Commanded Air/Fuel Rate	Cylinder 1 Injector
Brake Fluid Pressure Hold Solenoid 2 Contr	Commanded Gear	Cylinder 1 Injector Command
Brake Pedal Position Sensor Learn Comman	Commanded High Fuel Pressure	Cylinder 1 Power Balance Command
C Solenoid Control	Compression Service Bay Test	Cylinder 2 Ignition Coil
Cam Actuator Self Test	Compression Test	Cylinder 2 Injector
Cam Decode Mode	Compression Test Command	Cylinder 2 Injector Command
Cam Phase Angle	Compression Test Engine Crank	Cylinder 2 Power Balance Command
Cam Phase Solenoid	Compression Test Engine Cranking Speed (H	Cylinder 3 Ignition Coil
CAM Phaser exhaust	Continuous Charge Mode Command	Cylinder 3 Injector
CAM Phaser Exhaust Oil Control Valve	Cooling Fan Command	Cylinder 3 Injector Command
CAM Phaser Intake	Cooling Fan Duty Cycle	Cylinder 3 Power Balance Command
CAM Phaser Intake Oil Control Valve	Cooling Fan Motor Command	Cylinder 4 Deactivation Solenoid Valve Com
Cam Valve Timing	Cooling Fan Relay (High)	Cylinder 4 Ignition Coil
Camshaft Phasers Self Test	Cooling Fan Relay (Low)	Cylinder 4 Injector
Canister Purge	Cooling Fan Relay 1	Cylinder 4 Injector Command
Canister Purge Duty Cycle	Cooling Fan Relay 1 Command	Cylinder 4 Power Balance Command
Canister Purge Sol.	Cooling Fan Relay 2	Cylinder 5 Injector
Canister Purge Solenoid	Cooling Fan Relay 2 and 3	Cylinder 5 Injector Command
Canister Vent	Cooling Fan Relay 2 Command	Cylinder 6 Deactivation Solenoid Valve Com
Canister Vent Sol.	Cooling Fan Relay 2&3	Cylinder 6 Deactivation Solenoid Valve Com
Canister Vent Solenoid	Cooling Fan Relay 3	Cylinder 6 Injector
CASE	Cooling Fan Relay 3 Command	Cylinder 6 Injector Command
CASE Learn	Cooling Fan Relay High	Cylinder 7 Deactivation Solenoid Valve Com
CASE Learn Crank	Cooling Fan Relay Low	Cylinder 7 Injector
Catalyst Diagnostic Service Bay Test Trigger	Cooling Fan Relays 1, 2, and 3	Cylinder 7 Injector Command
Catalyst Diesel Oxidation Catalyst Variable F	Cooling Fan Relays 2 and 3	Cylinder 8 Injector
Catalyst Reset	Cooling Fan Speed	Cylinder 8 Injector Command
Catalyst Service Test Trigger	Cooling Fan Speed Duty Cycle (Electro-visco	Cylinder Balance Test
Catalyst Test	Cooling Fan-Hi Speed	Cylinder Balance Test #1
CCP Duty Cycle	Cooling Fan-Lo Speed	Cylinder Balance Test #2
CCP Purge	Crank Decode Mode	Cylinder Balance Test (4.3L ONLY)
CCP Vent	Crank Learn Test	Cylinder Balance Test (4.8L, 5.3L, 6.0L ONLY)
Charge Air Cooler Cooling Fan Command	Crank Wheel Adaptation Reset Trigger	Cylinder Deactivation 1
Class 2 Learned Source Identifiers Reset Trig	Crankshaft Pos Var Learn	Cylinder Deactivation 1 On
Clear Trans Adapts	Crankshaft Pos. Variation Learn	Cylinder Deactivation 2
Closed Loop Idle Spark Ctrl	Crankshaft Position Reluctor Wheel Learn	Cylinder Deactivation 2 On
Clutch Pedal Fully Applied Position Learn Tr	Crankshaft Position Variation Learn	Cylinder Deactivation 3
Clutch Pedal Position Learn	Crankshaft Position Variation Learn Trigger	Cylinder Deactivation 3 On
CMP Actuator Sol	Cruise	Cylinder Deactivation 4
CMP Valve Timing	Cruise Clutch	Cylinder Deactivation 4 On
CMP Valve Timing #1	Cruise Inhibit	Cylinder Deactivation System Command
CMP Valve Timing #2	Cruise Lamp	Cylinder Fuel Balancing
CMP Valve Timing #3	Cruise Main Lamp	Cylinder Power Balance Command
Cold Start Fuel Injector Command	Cruise Motor Pulse Time	D Solenoid Control
Cold Start Fuel Pump Relay Command	Cruise Set Lamp	Delta Spark Retard

Depressurize Fuel System	EGR Position	EVAP Pressure SW Solenoid
Desired Engine Oil Life	EGR PWM	EVAP Pressure SW Solenoid #1
Desired Gear	EGR Sol Duty Cycle	EVAP Pressure SW Solenoid #2
Desired Idle Speed Control	EGR Sol.	EVAP Pressure SW Solenoid #3
Desired Intake Manifold Runner Control Val	EGR Solenoid	EVAP Pressure Switching Solenoid
Desired Rail Pressure	EGR Solenoid (PWM)	EVAP Purge Solenoid
Desired Throttle Position	EGR Valve Learn	Evap Purge Solenoid #1
Diesel Particulate Filter Forced Regeneratio	EGR Vent	Evap Purge Solenoid #2
Diesel Particulate Filter Pressure Variable Re	Electric High Fan 2	Evap Purge Solenoid #3
Diesel Particulate Filter Regeneration Inhibi	Electric Low Fan 1	EVAP Purge Solenoid (PWM)
Diesel Particulate Filter Service Regeneratio	Electro Fan	EVAP Purge Solenoid Valve Command
Diesel Particulate Filter Variable Reset	Electronic Throttle Control Snapshot Trigger	EVAP Purge/Seal
Disable Idle Spark	Electronic Throttle Control Validation Paran	EVAP Service Bay Test
Disable Traction Control	Electro-viscous Fan	EVAP Service Test
Displacement on Demand (DoD) Solenoid A	Enable DVT Factory Test Mode	EVAP Service Test Trigger
Displacement on Demand (DoD) Solenoid B	Enable DVT Mode	EVAP Solenoid Valves Command
Displacement on Demand (DoD) Solenoid C	Enable EONV Service Bay Test	EVAP Tank Pres. Control Sol
Displacement on Demand (DoD) Solenoid D	Enable Misfire Diagnosis	EVAP Test
Displacement on Demand Solenoid A	Engine Controls Ignition Relay Command	EVAP Test Command
Displacement on Demand Solenoid B	Engine Coolant Thermostat Heater	EVAP Vacuum Leak Pump
Displacement on Demand Solenoid C	Engine Coolant Thermostat Heater Commar	EVAP Vent
Displacement on Demand Solenoid D	Engine Indicator Lamp(MIL)	EVAP Vent Solenoid
DPF Light Selector	Engine Oil Life Reset Command	EVAP Vent Solenoid #1
DPF Pressure Sensor Learn	Engine Oil Pressure Control Solenoid Valve	EVAP Vent Solenoid #2
DPF Regeneration	Engine Shutoff Solenoid	EVAP Vent Solenoid #3
DPF Regeneration Command	Engine Speed Command	EVAP Vent Solenoid Valve Command
DPF Reset	Engine Speed Control	Exh Cam Phase Bk 1 Crank Angle
DPF Service Regeneration Command	Engine Speed Control V8	Exh Cam Phase Bk 1/2 Crk Agl
Driver Information Center	Engine Speed.	Exh Cam Phase Bk 2 Crank Angle
DVT Cruise Set Speed	Engine Sync Mode	Exh Cam Phase Crank Angle
DVT Wide Open Throttle Test	Engine Sync Source	Exh Cam Phase Solenoid Bank 1
DVT WOT Test	ETC Actuator	Exh Cam Phase Solenoid Bank 2
EC Ignition Control Relay	ETC Data Snapshot	Exh Gas Recirculation Pintle Lift
ECM Replacement (w/o data transfer) Rese	ETC Inhibitor	Exhaust Brake
Economy (ECO) Telltale	ETC Motor	Exhaust Brake #1
EDU/ FRP Regulator	ETC Parameters	Exhaust Brake #2
EGR	ETC Snapshot Trigger	Exhaust Cam Phase
EGR Back Pressure Solenoid	ETC Throttle Actuator	Exhaust Cam Phase Angle Bank 1
EGR Command	ETC Throttle Position	Exhaust Cam Phase Angle Bank 2
EGR Cooler Bypass Valve Command	ETC Throttle Position #1	Exhaust Cam Phase Bank 1
EGR DC Motor Lift	ETC Throttle Position #2	Exhaust Cam Phase Bank 1 Crank Angle
EGR DC Motor Lift (Position Control)	ETC Validation Parameter Reset Trigger	Exhaust Cam Phase Bank 2 Crank Angle
EGR Intake Valve Solenoid	EV Fan PWM Cntl	Exhaust Cam Phase Crank Angle
EGR Learn	EVAP Canister Purge Sol	Exhaust Cam Phase Solenoid Bank 1
EGR Motor DC	EVAP Canister Purge Solenoid	Exhaust Cam Phase Solenoid Bank 2
EGR Offset Learn	EVAP Canister Vent Valve	Exhaust Camshaft Position Actuator
EGR Pintle Lift	EVAP Leak Detection Pump Command	Exhaust Camshaft Position Actuator Bank 1
EGR Pintle Position (EGR Solenoid)	EVAP Leak Detection Pump Switching Valve	Exhaust Camshaft Position Actuator Bank 2

Exhaust Camshaft Position Actuator Command  
 Exhaust Camshaft Position Actuator Solenoid  
 Exhaust Camshaft Position Actuator Solenoid  
 Exhaust Gas Recirculation Cooler Bypass Valve  
 Exhaust Gas Recirculation Cooler Bypass Valve  
 Exhaust Gas Recirculation H-Bridge Duty Cycle  
 Exhaust Gas Recirculation Pintle Lift  
 Exhaust Gas Recirculation Valve Offset Learning  
 Exhaust Gas Temperature Sensor Learning  
 Exhaust Pressure Regulator Valve  
 Fan 1  
 Fan 1 Relay  
 Fan 2 Relay  
 Fan Control 1  
 Fan Control 2  
 Fan High  
 Fan Low  
 Fan Relay  
 Fan Relay 1  
 Fan Relay 2  
 Fan Relay 3  
 Fans High Speed  
 Fans Low Speed  
 FBC Balance  
 FC Relay 1 Command  
 Field Coil Circuit  
 Fixed Spark  
 Flywheel Learn  
 Force Autostop/Start  
 Force Fuel Switch Over  
 Forced Idle  
 Front O2 Heater  
 FT  
 FT Enable  
 FT Reset  
 Fuel Adaptation Reset Trigger  
 Fuel Cap Lamp  
 Fuel Closed Loop  
 Fuel Comp Reset Trigger  
 Fuel Composition Reset  
 Fuel Composition Reset  
 Fuel Control Loop Status  
 Fuel Gauge  
 Fuel Gauge Cmd State  
 Fuel Heater Command  
 Fuel Injection Small Quantity Learning Command  
 Fuel Injector #1 Flow Test  
 Fuel Injector #2 Flow Test

Fuel Injector #3 Flow Test  
 Fuel Injector #4 Flow Test  
 Fuel Injector #5 Flow Test  
 Fuel Injector #6 Flow Test  
 Fuel Injector Balance  
 Fuel Injector Balance Command  
 Fuel Injector Disable - Device Cylinder 1  
 Fuel Injector Disable - Device Cylinder 2  
 Fuel Injector Disable - Device Cylinder 3  
 Fuel Injector Disable - Device Cylinder 4  
 Fuel Injector Flow Test Trigger  
 Fuel Injector NVC and ZFC Default Value Trigger  
 Fuel Injector Replacement NVC and ZFC Value  
 Fuel Injector Test #1  
 Fuel Injector Test #2  
 Fuel Injector Test #3  
 Fuel Injector Test #4  
 Fuel Injector Test #5  
 Fuel Injector Test #6  
 Fuel Injector Test 1  
 Fuel Injector Test 1 (Injector #00)  
 Fuel Injector Test 2  
 Fuel Injector Test 2 (Injector #01)  
 Fuel Injector Test 3  
 Fuel Injector Test 3 (Injector #02)  
 Fuel Injector Test 4 (Injector #03)  
 Fuel Level  
 Fuel Level #1  
 Fuel Level #2  
 Fuel Level (Fuel Gauge)  
 Fuel Mode  
 Fuel Mode Indicator Lamp  
 Fuel Open/Closed Loop  
 Fuel Pressure Command  
 Fuel Pressure Drop Test  
 Fuel Pressure Regulator  
 Fuel Pressure Regulator 1 Command  
 Fuel Pressure Regulator 1 Component  
 Fuel Pressure Regulator 1 Component Test  
 Fuel Pressure Regulator 2 Component  
 Fuel Pressure Regulator Learn  
 Fuel Pump  
 Fuel Pump #1  
 Fuel Pump #2  
 Fuel Pump #3  
 Fuel Pump Command  
 Fuel Pump Control  
 Fuel Pump Duty Cycle

Fuel Pump Enable Command  
 Fuel Pump Relay  
 Fuel Pump Relay #1  
 Fuel Pump Relay #2  
 Fuel Pump Relay Command  
 Fuel Pump Speed  
 Fuel Rail Pressure Regulator 2 Command  
 Fuel Rail Pressure Regulator Command  
 Fuel Rail Pressure Sensor or Fuel Rail Learning  
 Fuel System Pressure Test  
 Fuel System(Fuel Trim Reset)  
 Fuel Transfer Pump Relay  
 Fuel Transfer Pump Relay / Fuel Lift Pump Relay  
 Fuel Trim  
 Fuel Trim Enable  
 Fuel Trim Learn  
 Fuel Trim Learn Enable  
 Fuel Trim Reset  
 Fuel Trim Reset Command  
 Fuel Trim Reset Trigger  
 Gear Select  
 Gear Select  
 Gear Shifting  
 Generator L Terminal  
 Generator L Terminal / RVC  
 Generator L-Terminal  
 Generator L-Terminal Command  
 Glow Lamp  
 Glow Plug  
 Glow Plug (wait to start) Lamp  
 Glow Plug Command  
 Glow Plug Control Module Reset  
 Glow Plug Lamp  
 Glow Plug Self-Test Command  
 HC Injector Duty Cycle  
 Heater Core Pump  
 High Pressure Fuel Pump Learning  
 High Pressure Lock-Off  
 High Side Driver 1 Command  
 High Side Driver 2 Command  
 High Speed Cooling Fan  
 HO2S 1 Heater  
 HO2S 1 Heater Command  
 HO2S 2 Heater  
 HO2S 2 Heater Command  
 HO2S Bank 1 Sensor 1 Heater  
 HO2S Bank 1 Sensor 2 Heater  
 HO2S Bank 2 Sensor 1 Heater

HO2S Bank 2 Sensor 2 Heater	Ignition Coil Cyl. 4	Injector PWM Modify #1
HO2S Heater Command Bank 1 Sensor 1	Ignition Coil Cyl. 5	Injector PWM Modify #2
HO2S Heater Command Bank 1 Sensor 1 Co	Ignition Coil Cyl. 6	Injector PWM Modify #3
HO2S Heater Command Bank 1 Sensor 2	Ignition Coil Identifier	Int Cam Phase Bk 1 Crank Angle
HO2S Heater Command Bank 1 Sensor 2 Co	Ignition Coil Test #1	Int Cam Phase Bk 2 Crank Angle
HO2S Heater Command Bank 2 Sensor 1	Ignition Coil Test #2	Int Cam Phase Sol Bank 1
HO2S Heater Command Bank 2 Sensor 2	Ignition Coil Test #3	Int Cam Phase Sol Bank 2
HO2S Heater Learn	Ignition Coil Test #4	Int Cam Phaser Bk 1/2 Crk Agl
HO2S Learn	Ignition Coil Test #5	Intake Air Flow Valve Duty Cycle
Hood Ajar TT Command	Ignition Coil Test #6	Intake Air Flow Valve Learn
Hybrid Battery Contactor	Ignition Off Controller Shutdown Trigger	Intake Air Flow Valve Motor Command
Hybrid Battery Fan PWM Device Control	Ignition Timing Retard	Intake Air Flow Valve Position
Hybrid Function Operation	Immediate Controller Shutdown Trigger	Intake Air Flow Valve Target Position
Hybrid Transmission Commanded State	Immobilizer Deactivation Trigger	Intake Air Heater
IAC	Immobilizer Powertrain Challenge Transmis	Intake Air Heater #1
IAC Control	Immobilizer Reactivation Trigger	Intake Air Heater #2
IAC Mode	Immobilizer Reset Trigger	Intake Cam Phase Angle Bank 1
IAC Motor Position	Immobilizer Security Code Input Trigger	Intake Cam Phase Angle Bank 2
IAC Motor Reset	Immobilizer Security Code Programming Tri	Intake Cam Phase Bank 1 Crank Angle
IAC Position	IMT Valve	Intake Cam Phase Bank 2 Crank Angle
IAC Position Command	Initiate CASE Algorithm Learn Crank	Intake Cam Phase Solenoid Bank 1
IAC Position Mode	Injection Fuel Rate Reset Command	Intake Cam Phase Solenoid Bank 2
IAC Reset	Injector - 1B	Intake Camshaft Position Actuator
IAC RPM	Injector - 2B	Intake Camshaft Position Actuator Bank 1
IAC RPM Mode	Injector - 3B	Intake Camshaft Position Actuator Bank 2
IAC Steps	Injector - 4B	Intake Camshaft Position Actuator Commar
IAC(RPM Control)	Injector - 5B	Intake Camshaft Position Actuator Solenoid
idle (dynamic) spark	Injector - 6B	Intake Camshaft Position Actuator Solenoid
Idle Adapts Reset Trigger	Injector - 7B	Intake Manifold Runner Control
Idle Air Control	Injector - 8B	Intake Manifold Runner Control Valve Comr
Idle Air Control Reset	Injector # 1 Selected	Intake Manifold Runner Control Valve Learr
Idle Air Control Valve Reset Trigger	Injector # 2 Selected	Intake Manifold Tuning Control Valve
Idle Engine Control	Injector # 3 Selected	Intake Manifold Tuning Valve
Idle Engine Control (RPM)	Injector # 4 Selected	Intake Manifold Tuning Valve
Idle Engine Speed	Injector # 5 Selected	Intake Plenum Switchover Valve
Idle Engine Speed Enable	Injector # 6 Selected	Intake Plenum Switchover Vlv
Idle Freeze	Injector # 7 Selected	Intake Reson. Tune Valve
Idle Ignition Timing	Injector # 8 Selected	Intake Rocker Arm Actuator Sol
Idle Learn	Injector 1	Intake Throttle Valve Target Position
Idle Position Freeze	Injector 2	Intercooler Pump
Idle RPM Control	Injector 3	KOEO Exhaust Cam Phase Solenoid Bank 1
Idle RPM Freeze	Injector 4	KOEO Exhaust Cam Phase Solenoid Bank 2
Idle Spark	Injector 5	KOEO Intake Cam Phase Solenoid Bank 1
Idle Speed Command	Injector 6	KOEO Intake Cam Phase Solenoid Bank 2
Idle Speed Control	Injector Flow Test	Learned Airflow Adapts Reset Trigger
Ignition Coil Cyl. 1	Injector Flow Test (4.3L ONLY)	Lift Drive Output Pin
Ignition Coil Cyl. 2	Injector Flow Test (4.8L, 5.3L, 6.0L ONLY)	Line Pressure Control Sol A
Ignition Coil Cyl. 3	Injector PWM Modify	Line Pressure Control Sol B

Line Pressure Control Sol C	O2 Heater (Front)	Power Control Relay
Line Pressure Control Sol.-A	O2 Heater (Rear)	Power Electronics Coolant Pump A
Line Pressure Control Sol.-A Function Test	O2 Front Heater	Power Electronics Coolant Pump B
Line Pressure Control Sol.-B	O2 Heater Bn 1 Sen 1	Powertrain Relay
Line Pressure Control Sol.-B Function Test	O2 Heater Bn 1 Sen 2	Pre SCR (Selective Catalytic Reduction) Tem
Line Pressure Control Sol.-C	O2 Heater Driver	PTO Engage
Line Pressure Control Sol.-C Function Test	O2 Heaters	PTO Engage Select
Linear Desired EGR Position	O2 Rear Heater	PTO Relay
Linear EGR	O2 Sensor Heater Bank 1 Sensor 1	Purge Solenoid
Lock Up Solenoid	O2 Sensor Heater Bank 1 Sensor 2	Purge Solenoid #1
Loop Status	O2 Sensor Heater Bank 2 Sensor 1	Purge Solenoid #2
Low Pressure Lock-Off	O2 Sensor Heater Bank 2 Sensor 2	Purge Solenoid Duty Cycle (Canister Purge)
Low Speed Cooling Fan	O2S Heater	Purge Vent Solenoid
Low Voltage Output Mode	O2S Heater Bn1 Sen 1	Rear O2 Heater
Low Voltage Output Setpoint	O2S Heater Bn1 Sen 2	Reductant Fluid Tank Level Reset Trigger
L-Term #1 Control	O2S Heater Bn2 Sen 1	Reductant Injector Variable Reset Trigger
MAF Sensor Learn	O2S Heater Bn2 Sen 2	Reductant Module Replacement Reset Trigg
MAF Sensor Supply Voltage Command	O2S Heater Resistance Reset Trigger	Reductant Sys. Malf. Warning Test
MAF Sensor Supply Voltage Low Side Driver	OOxygen Sensor Heater Resistance Reset Tr	Reductant System Injection Quantity Test T
Malfunction Indicator Lamp	Overrun Air Valve	Reductant System Leak Test Trigger
Malfunction Indicator Lamp (MIL)	Oxygen Sensor Heater Bank 1 Sensor 1 Duty	Regen Enable
Malfunction Indicator Lamp (MIL) Comman	Oxygen Sensor Heater Bank 1 Sensor 2 Duty	Remaining Engine Oil Life
Malfunction Indicator Lamp(MIL)	Oxygen Sensor Heater Bank 2 Sensor 1 Duty	Remote Vehicle Start Disable History Reset
MIL	Oxygen Sensor Heater Bank 2 Sensor 2	Remote Vehicle Start Disable History Reset
MIL #1	Oxygen Sensor Heater Bank 2 Sensor 2 Duty	Reset IAC motor position
MIL #2	Oxygen Sensor Heater Resistance Reset Trig	Reset Learned Values
MIL (Indicator Lights)	Oxygen Sensor Heater Sensor 1 Duty Cycle	Reset TPS Learn Value
MIL (Lamp)	Oxygen Sensor Heater Sensor 2 Duty Cycle	Reverse Inhibit
MIL Command	Oxygen Sensor Response Service Bay Test –	Reverse Inhibit Solenoid Actuator
MIL Lamp	Oxygen Sensor Service Test 1	Reverse Inhibit Solenoid Actuator Command
Mileage Log Reset	Oxygen Sensor Service Test 2	RPM Control
Minimum Allowed SOC Override	Oxygen Sensor Switching Service Bay Test –	RPM Control #1
NDP_EVAP Purge Solenoid Valve Command	PC Solenoid	RPM Control #2
NDP_Ignition Off Triggers Reset Command	PC Solenoid 177	RPM Control #3
NDP_Message 1	PC Solenoid PWM	RVS Disable History Reset
NDP_Message 2	PCS Current	SCR Tamper Service Bay Test Trigger
Neutral Position Sensor Learn	PCS Current	SCR (Selective Catalytic Reduction) Adaptive
Normal Regen	PCS Duty Cycle	SCR (Selective Catalytic Reduction) Replacem
Nox Reductant Heater 1	Percent Remaining Engine Oil Life	SCR Service Quality Check
Nox Reductant Heater 2	Pilot Injection	Sec Air Inj Sol(LNK) #1
Nox Reductant Heater 3	Pilot Injection Disable	Sec Air Inj Sol(LNK) #2
Nox Reductant Injector Duty Cycle	Pilot Injection Stop	Sec Air Inj. Reaction Service Test Trigger
Nox Reductant Line Purge valve	Power Balance Injector 1	Sec Air Injection Reaction Pump
Nox Reductant Pump Duty Cycle	Power Balance Injector 2	Sec Air Injection Reaction Valve
NOx Sensor 1 Replacement Reset Trigger	Power Balance Injector 3	Sec Air Pump Relay
Nox Sensor 1, Heater Comanded	Power Balance Injector 4	Secondary Air Injection (AIR) Solenoid
NOx Sensor 2 Replacement Reset Trigger	Power Balance Injector 5	Secondary Air Injection Diagnostic Service B
Nox Sensor 2, Heater Comanded	Power Balance Injector 6	Secondary Air Injection Pump



Secondary Air Injection Pump Relay Command	Skip Shift Solenoid Actuator Command	Trans Line Pressure Current
Secondary Air Injection Pump Relay Valve Control	Spark Advance/Retard (GLOBAL)	Trans. Oil Pump Control
Secondary Air Injection Reaction Pump	Spark Angle Freeze	Transmission Commanded Gear
Secondary Air Injection Reaction Service	Spark Retard	Trigger CASE Learn
Secondary Air Injection Reaction Service Test	Spark Retard Angle	Turbo Overrun Air Valve Control
Secondary Air Injection Reaction System Pump	Spark Retard Control	Turbo Waste Gate Control
Secondary Air Injection Reaction System Valve	Spark Retard Offset	Turbocharger 1 Wastegate Solenoid Valve Control
Secondary Air Injection Reaction Valve	Sport Mode Lamp	Turbocharger 2 Wastegate Solenoid Valve Control
Secondary Air Injection Solenoid Valve Command	Starter Generator Crank	Turbocharger Bypass Solenoid Valve
Secondary Air Injection System	Starter Relay	Turbocharger Bypass Solenoid Valve Command
Secondary Air Injection Test	Starter Relay Command	Turbocharger Learn
Secondary Air Injection Valve	STL	Turbocharger Vane Position
Secondary Air Pump	Stop/Start System Status	Turbocharger Vane Position Command
Secondary Air Valve	STS Lamp	Turbocharger Vane Position Solenoid Valve
Secondary Fuel Pump	Supercharger Boost Solenoid Duty Cycle	Turbocharger Wastegate Solenoid Valve Control
Secondary Fuel Pump (L96 SUVs only)	Supply Pump Learn	Upshift Lamp
Secondary Fuel Pump Enable	SVS Lamp	Var Cam Phasor
Service Engine Soon Indicator (MIL)	TAC Module Power Inhibit	Var Cam Phasor #1
Service Regen	Tachometer	Var Cam Phasor #2
Service Vehicle Soon Indicator (SVS)	Tachometer RPM	Variable Geometry Turbo A Position Control
Service Vehicle Soon Lamp	TC Learn	Variable Intake Manifold
SGCM Coolant Pump	TC Valve Pos. Control Solenoid	Variable Intake Manifold Flap
Shift Sol.-A	TC Vane Position Sensor	Variable Intake Manifold Valve #1
Shift Sol.-B	TCC Control Solenoid	Variable Intake Manifold Valve #2
Shift Sol.-C	TCC Control Solenoid #1	Variable Nossel Turbo Learn
Shift Solenoid A	TCC Control Solenoid #2	Vehicle Lift/Dive
Shift Solenoid B	TCC Control Solenoid Duty Cycle	Vehicle Security Password Learn Trigger
Shift Solenoid C	TCC Enable	Vehicle Speed Control
Shift Transmission	TCC Enable Solenoid	Vent Solenoid
Shift Transmission (4 Speed Automatic Only)	TCC Engage Control	VNT Offset Learn
Shift Transmission into 1st	TCC Sol.	VNT Target Position
Shift Transmission into 1st #1	TCC Solenoid	VTD Relearn
Shift Transmission into 1st #2	TCC Solenoid (4 Speed Automatic Only)	VTEC Sol.
Shift Transmission into 2nd	TDC Learn	VTEC Solenoid
Shift Transmission into 2nd #1	Theft Deterrent Relearn	Wide Open Throttle Self Test
Shift Transmission into 2nd #2	Throttle Actuator	WIF Light
Shift Transmission into 3rd	Throttle Actuator Control	Winter Mode Lamp
Shift Transmission into 3rd #1	Throttle Body Relearn Trigger	WTS Lamp
Shift Transmission into 3rd #2	Throttle Position	
Shift Transmission into 4th	Throttle Position Command	<b>PTOM</b>
Shift Transmission into 4th #1	Throttle Position Valve	Clear all reasons for PTO not engaged, or di
Shift Transmission into 4th #2	Throttle Sweep	LED Indicator
SIDI High Pressure Fuel Supply System Control	Throttle Valve DC Motor	PTO
SIDI High Pressure Fuel Supply System Control	Throttle Valve Learn	PTO Engine Shutdown
SIDI High Pressure Fuel Supply System Control	Tooth Error Learn Mode	PTO Engine Shutdown Control
Skip Shift	Torque Reduction Bypass	PTO Relay Engage
Skip Shift Lamp	Traction	Relay Engage
Skip Shift Solenoid	Trans Adapts Reset Trigger	

## RDCM

Pump Motor Command  
Rear Differential Clutch Solenoid Valve Com  
Rear Differential Clutch Torque Command  
Rear Drive Clutch Solenoid Valve Command  
Turn Off all Control Functions Command

## SGCM

Field Coil Circuit  
Field Coil Circuit Device Control

## TCCM

2HI Indicator Lamp  
2HI Lamp  
2HI Lamp Control  
2WD High Indicator Light  
2WD High Indicator  
4HI Indicator Lamp  
4HI Lamp  
4HI Lamp Control  
4LO Indicator Lamp  
4LO Lamp  
4LO Lamp Control  
4WD Auto. Indicator  
4WD High Indicator  
4WD High Indicator Light  
4WD High Lock Indicator  
4WD High Open Indicator  
4WD Low Discrete  
4WD Low Indicator  
4WD Low Indicator (NQH Only)  
4WD Low Indicator Light  
4WD Low Lock Indicator  
ATC Clutch Engagement  
ATC Clutch High Control  
ATC Clutch Low Control  
ATC Neutral Indicator  
ATC Neutral Indicator (NQH Only)  
ATC Range  
Auto 4WD Indicator Light  
AWD Lamp Control  
Clutch Control  
Clutch Coupling Request  
Clutch Return  
Encoder Return Test  
Engage Front Axle  
Front Axle Actuator  
Front Axle Actuator Disengage  
Front Axle Actuator Engage  
Front Axle Lock Indicator

Front Diff Lock Control  
Front Diff Lock Return  
Motor A - (High Side Drive)  
Motor A - (Low Side Drive)  
Motor A - Low-High (High Side Drive)  
Motor A - Low-High (Low Side Drive)  
Motor B - (High Side Drive)  
Motor B - (Low Side Drive)  
Motor B - High-Low (High Side Drive)  
Motor B - High-Low (Low Side Drive)  
Neutral Indicator  
Neutral Indicator Lamp  
Neutral Indicator Light  
Neutral Lamp  
Neutral Lamp Control  
Range Actuator  
Range Actuator Direction Clockwise  
Range Actuator Direction Counter CW  
Range Actuator Learn  
Range Actuator Lock  
Rear Axle Lock Indicator  
Rear Diff Lock Control  
Rear Diff Lock Return  
Rear Diff Lock Control  
Rear Diff Lock Return  
Request T-Case/Diff Lock Mode Request Ov  
Reset Clutch Overtemp Counter  
Reset Clutch Overtemp Counter (\$311D)  
Transfer Case Lock  
Transfer Case Motor Learn

## TCM

1-2 / 3-4 Shift Solenoid  
1-2 Clear Adapts to Fast + Base  
1-2 Clear Adapts to Fast/Base  
1-2 Shift Solenoid  
2-1 Clear Adapts to Fast + Base  
2-1 Clear Adapts to Fast/Base  
2-3 Clear Adapts to Fast + Base  
2-3 Clear Adapts to Fast/Base  
2-3 Shift Solenoid  
2-3 Solenoid  
3-2 Clear Adapts to Fast + Base  
3-2 Clear Adapts to Fast/Base  
3-2 Downshift  
3-2 Shift Sol Duty Cycle  
3-2 Shift Sol. Duty Cycle  
3-2 Solenoid

3-2 Solenoid Duty Cycle  
3-4 Clear Adapts to Fast + Base  
3-4 Clear Adapts to Fast/Base  
4-3 Clear Adapts to Fast + Base  
4-3 Clear Adapts to Fast/Base  
4-5 Clear Adapts to Fast + Base  
4-5 Clear Adapts to Fast/Base  
5-4 Clear Adapts to Fast + Base  
5-4 Clear Adapts to Fast/Base  
5-6 Clear Adapts to Fast + Base  
6-5 Clear Adapts to Fast + Base  
A Solenoid Control  
A/C Clutch  
A/C Relay  
AIR Pump Relay  
AIR Solenoid  
APP Learn  
AWD Solenoid  
AWD Solenoid Enable  
B Solenoid Control  
Band Apply Solenoid  
Brake Band Pressure Control Solenoid Valve  
C Solenoid Control  
CE\_FUEL  
CE\_THROTTLE\_POSITION  
Check Trans Lamp  
Check Transmission Lamp  
Clear Adapts  
Clear All Adapts to Fast  
Clear All Adapts to Fast #1  
Clear All Adapts to Fast #2  
Clear All Adapts to Fast + Base  
Clear All Garage Shift Adapts to Fast + Base  
Clear Garage Sft Apts to Fast/Base  
Clear Transmission Adapts  
Clear Trans Adapts  
Clutch Pressure Control Solenoid Valve 1  
Clutch Pressure Control Solenoid Valve 2  
Clutch Pressure Control Solenoid Valve 3  
Clutch Sol 1 Electrical  
Clutch Sol 1 Functional  
Clutch Sol 2 Electrical  
Clutch Sol 2 Functional  
Command Gear Select  
Commanded Gear  
Crankshaft Pos Var Learn  
Crankshaft Position Variation Learn Trigger  
Cylinder Balance Test

D Solenoid Control	High Side Driver 2	Power Control Relay
Desired Engine Oil Life	High Side Driver 2 Command	Power Mode Lamp
Desired Gear	HO2S Bank 1 Sensor 1	Preset All Adapts to Fast + Base
E Solenoid Control	HO2S Bank 1 Sensor 2	Preset All Adapts to Fast/Base
Economy/Sport	Hold Mode Lamp	Pressure Control Solenoid 1 (Line/MM)
EDS3 PC Sol	IAC Position	Pressure Control Solenoid 1 (Line/MM) Com
eds3 PC Sol.	IAC Position Mode	Pressure Control Solenoid 2
EDS4 PC Sol	IAC RPM	Pressure Control Solenoid 2 Command (igni
eds4 PC Sol.	IAC RPM Mode	Pressure Control Solenoid 3 (PCS1)
EDS5 PC Sol	Ignition Coil Cyl. 1	Pressure Control Solenoid 3 (PCS1) Commar
eds5 PC Sol.	Ignition Coil Cyl. 2	Pressure Control Solenoid Valve 2 Pressure
EDS6 PC Sol	Ignition Coil Cyl. 3	Pressure Control Solenoid Valve 2 Pressure
eds6 PC Sol.	Ignition Coil Cyl. 4	Pressure Control Solenoid Valve 3 Pressure
EGR Solenoid	Ignition Coil Cyl. 5	Pressure Control Solenoid Valve 3 Pressure
Engine Shutoff Solenoid	Ignition Coil Cyl. 6	Pressure Control Solenoid Valve 4 Pressure
Engine Speed Control	Injector Flow Test	Pressure Control Solenoid Valve 4 Pressure
EVAP Canister Purge Solenoid	Intake Plenum Switchover Vlv	Pressure Control Solenoid Valve 5 Pressure
EVAP Purge Solenoid (PWM)	Learned Values Reset	Pressure Control Solenoid Valve 5 Pressure
EVAP Service Bay Test	Line PC Solenoid	Pressure Regulator Solenoid
EVAP Vent	Line Pressure Control	PTO Solenoid
EVAP Vent Solenoid	Line Pressure Control Solenoid	Ratio Control Stepper Motor
Fan Control 1	Line Pressure Control Solenoid Valve	Reset Adapt Values
Fan Control 2	Line Pressure Control Solenoid Valve Pressu	Reset Adaptive parameters
Fans High Speed	Line Pressure Solenoid	Reset Trans Adapts
Fans Low Speed	Linear Desired EGR Position	Reset Trans Oil Life
Fuel Injector Test #1	Linear Solenoid 1	Reset Transmission Adapts
Fuel Injector Test #2	Linear Solenoid 2	Service Cleaning Procedure
Fuel Injector Test #3	Linear Solenoid 3	Service Cleaning Procedure Command
Fuel Injector Test #4	MIL	Shift PC Sol Electrical
Fuel Injector Test #5	N Control Solenoid	Shift PC Sol. Electrical
Fuel Injector Test #6	O2 Heater Bn 1 Sen 1	Shift Solenoid #1
Fuel Open/Closed Loop	O2 Heater Bn 1 Sen 2	Shift Solenoid #2
Fuel Pump	Park Neutral Switch	Shift Solenoid #3
Fuel Pump Relay	PC Sol Duty Cycle	Shift Solenoid #4
Fuel Trim Enable	PC Solenoid	Shift Solenoid #5
Fuel Trim Learn	PC Solenoid 177	Shift Solenoid 1
Fuel Trim Reset	PC Solenoid 2	Shift Solenoid 1 Command (ignition on, engi
Fuel Trim Reset Trigger	PC Solenoid 2 Control	Shift Solenoid 1 Control
Gear Command	PC Solenoid 3	Shift Solenoid 1-2
Gear Command Forward Ranges (engine no	PC Solenoid 3 Control	Shift Solenoid 2
Gear Command Forward Ranges (engine rui	PC Solenoid 4	Shift Solenoid 2 Command (ignition on, engi
Gear Select	PC Solenoid 4 Control	Shift Solenoid 2 Control
Gear Selector -N- Position Learn	PC Solenoid 5	SHIFT SOLENOID 2-3
Generator L Terminal	PC Solenoid 5 Control	Shift Solenoid 3
HIGH SIDE DRIVER #1	PC Solenoid Duty Cycle	Shift Solenoid 3 Command (ignition on, engi
HIGH SIDE DRIVER #2	PCS Current	Shift Solenoid 3 Control
High Side Driver 1	PCS Duty Cycle	Shift Solenoid A
High Side Driver 1 Command	Percent Remaining Engine Oil Life	Shift Solenoid B

Shift Solenoid Control	Trans Fault Lamp
Shift Solenoid Valve 1	Trans Fault Lamp On/Off
Shift Solenoid Valve 1 Command	Trans High Side Driver 1
Shift Solenoid Valve 2	Trans High Side Driver 1 #1
Shift Timing Solenoid	Trans High Side Driver 1 #2
Shift Trans Gear	Trans High Side Driver 2
Shift Transmission Gear	Trans High Side Driver 2 #1
Shift Transmission Gear Command	Trans High Side Driver 2 #2
SLS Linear Solenoid	Trans Line Pressure Current
SLT Linear Solenoid	Trans Line Pressure Current #1
SLU Linear Solenoid	Trans Line Pressure Current #2
Solenoid 1-2 / 3-4	Transmission Adaptive Pressure Reset
Solenoid Valve 1	Transmission Adaptive Pressure Reset Comr
Solenoid Valve 2	Transmission Adaptive Values Learn
Sport Mode Lamp	Transmission Adapts Preset Trigger
Stepper Motor Ratio Control	Transmission Adapts Reset Trigger
STL	Transmission Cleaning Procedure Trigger
TCC	Transmission Clutch 1 Solenoid
TCC Control	Transmission Clutch 2 Solenoid
TCC Control Solenoid	Transmission Clutch 3 Solenoid
TCC Control Solenoid Command (engine no	Transmission Clutch 4 Solenoid
TCC Control Solenoid Command (engine rur	Transmission Commanded Gear
TCC Control Solenoid Duty Cycle	Transmission Fast Learn Trigger
TCC ENABLE	Transmission Fault Lamp Command to Verif
TCC Enable Solenoid	Transmission Fluid Overtemp Lamp
TCC Enable Solenoid Valve	Transmission Gear Control
TCC Enable Solenoid Valve Command	Transmission High Side Driver 1
TCC Function (Lock-up)	Transmission High Side Driver 2
TCC Multiplex Enable Solenoid State (High S	Transmission Line Pressure
TCC Multiplex Pressure Control Actuator (H	Transmission Line Pressure (Lower Byte)
TCC PC Sol Electrical	Transmission Line Pressure (Upper Byte)
TCC PC Sol Functional	Transmission Line Pressure Current
TCC Pressure Control Solenoid Valve Comm	Transmission M2 Clutch / Reverse Multiplex
TCC PWM Sol. Electrical	Transmission M3 Clutch Multiplex Solenoid
TCC PWM Solenoid	TRANSMISSION MONITOR
TCC Solenoid	Winter LED
TCC Solenoid Electrical	Winter Mode Lamp
TCC Solenoid Functional	
TCC Solenoid Valve	
Throttle Position	
Throttle Position Valve	
Torque Control	
Torque Converter Clutch	
Torque Converter Clutch Pressure	
Torque Converter Clutch System	
Torque Converter Clutch System Enable	
Torque Converter Clutch System	
Trans Adapts Reset Trigger	

### TCM-GPC

Glow Plug Relay

IAH

# GM Body Actuators

## ACM

AC Defrost Solenoid  
Air Down Solenoid  
Air Up Solenoid  
Blower Motor  
Instant OAT Update  
Lower Motor  
Park Brake Release  
Recirculation Solenoid  
Upper Motor

## AGC

Driver Information Center Dimming Comman  
Instrument Cluster Gage Sweep

## AMP

Antenna  
BassBox (Woofer)  
Center I/P Speaker  
Center Speaker  
Chime Test - High and Single Tone  
Chime Test - High Tone, Fast Rate  
Chime Test - High Tone, Slow Rate  
Chime Test - Low Tone, Fast Rate  
Chime Test - Low Tone, Slow Rate  
Display(s) Test  
Fright Front Tweeter  
Generate High Volume Test Tone from Vehic  
Generate Low Volume Test Tone from Vehicl  
IR Switched Power  
Left Front Door Speaker  
Left Front Full Range  
Left Front Speaker  
Left Front Tweeter  
Left Rear Door Speaker  
Left Rear D-Pillar  
Left Rear D-Pillar Speaker  
Left Rear Full Range  
Left Rear Speaker  
Left Rear Surround  
LF I/P Speaker  
LF IP Speaker  
LF Subwoofer Speaker  
Low Frequency Test Tone at High Volume  
Low Frequency Test Tone at Moderate Volun  
LR Seat Speaker  
Rear Shelf Woofer  
Rear Subwoofer  
Rear Subwoofer Coil 1  
Rear Subwoofer Coil 2  
RF I/P Speaker  
RF IP Speaker  
RF Subwoofer Speaker  
Right Front Door Speaker  
Right Front Full Range  
Right Front Speaker  
Right Front Tweeter

Right Read Door Speaker  
Right Rear Door Speaker  
Right Rear D-Pillar  
Right Rear D-Pillar Speaker  
Right Rear Full Range  
Right Rear Speaker  
Right Rear Surround  
RR Seat Speaker  
Stereo - Center I/P Speaker - Audio Test  
Stereo - Center I/P Speaker - Test Tone  
Stereo - Left Front Door Speaker - Test Tone  
Stereo - Left Front Speaker - Audio Test  
Stereo - Left Front Tweeter - Test Tone  
Stereo - Left Rear Door Speaker - Test Tone  
Stereo - Left Rear Speaker - Audio Test  
Stereo - Right Front Door Speaker - Test Tone  
Stereo - Right Front Speaker - Audio Test  
Stereo - Right Front Tweeter - Test Tone  
Stereo - Right Rear Door Speaker - Test Tone  
Stereo - Right Rear Speaker - Audio Test  
Stereo - Subwoofer - Audio Test  
Stereo - Subwoofer - Test Tone  
Subwoofer (amplifier)  
Subwoofer (audio)  
Surround - Center I/P Speaker - Audio Test  
Surround - Center I/P Speaker - Test Tone  
Surround - Left Front Seat Speakers - Audio T  
Surround - Left Front Seat Speakers - Test To  
Surround - Left Front Speaker - Audio Test  
Surround - Left Front Speaker - Test Tone  
Surround - Left Front Subwoofer - Audio Test  
Surround - Left Front Subwoofer - Test Tone  
Surround - Left Rear Door Speaker - Audio Te  
Surround - Left Rear Door Speaker - Test Ton  
Surround - Left Rear Surround Speaker - Audi  
Surround - Left Rear Surround Speaker - Test  
Surround - Rear Center Surround Speaker - Al  
Surround - Rear Center Surround Speaker - Te  
Surround - Rear Subwoofer - Audio Test  
Surround - Rear Subwoofer - Test Tone  
Surround - Right Front Seat Speakers - Audio  
Surround - Right Front Seat Speakers - Test T  
Surround - Right Front Speaker - Audio Test  
Surround - Right Front Speaker - Test Tone  
Surround - Right Front Subwoofer - Audio Test  
Surround - Right Front Subwoofer - Test Tone  
Surround - Right Rear Door Speaker - Audio T  
Surround - Right Rear Door Speaker - Test To  
Surround - Right Rear Surround Speaker - Auc  
Surround - Right Rear Surround Speaker - Tes

## AMP\_Bos

Center Cricket  
Center IP Mid Range  
Left Front Cricket  
Left Front Woofer  
Left Rear Twiddler  
LF Tweeter Door

LR Full Range  
Rear Subwoofer  
RF Tweeter Door  
Right Front Cricket  
Right Front Woofer  
Right Rear Twiddler  
RR Full Range

## AMP\_Delc

Center Speaker  
Left Front Full Range  
Left Front Tweeter  
Left Rear Full Range  
Rear Subwoofer Coil 1  
Rear Subwoofer Coil 2  
Right Front Full Range  
Right Front Tweeter  
Right Rear Full Range

## ASC

Driver Step  
Passenger Step  
Self Test

## BCM

A/C LED  
AC Permission  
ACC with RAP Relay  
Accent Lighting  
Accent Lighting 1  
Accent Lighting 2  
Access Panel Lamps Relay  
Access Relay  
Accessory Power Mode Indicator  
Accessory Relay  
Accessory Relay Test  
Accessory/Retained Accessory Power Relay  
Accy Relay Out  
Accy. Relay Command  
Accy/RAP Relay  
Accy/RAP Relay Test  
Adjustable Pedal Inhibit  
Adjustable Pedal Inhibit Test  
Afterblow  
Afterblow Relay Test  
Afterblow Test  
Alarm Siren  
Alarm Siren Test  
ALC Headlamp Relay  
ALC Headlamps  
ALC Parking Lamps  
ALC Parklamp Relay  
All Door Unlock Relay  
All Doors Lock  
All Doors Unlock  
Auto Courtesy Indicator  
Auto Headlamp Control  
Auto Parklamp Control

Auto. Headlamp Control  
Auto. Parklamp Control  
Aux. Pwr. Outlet Relay Ctrl. Test  
Aux\_Power (Aux Sensor)  
Auxiliary Lamp  
Auxiliary Lamp Test  
Auxiliary Power Outlet Relay  
Back up Lamp  
Back Up Lamp Relay  
BACKDIM  
Backdim 1  
BACKDIM2  
Backlight  
Backlight Dim  
Backlight Dim 1  
Backlight Dim 2  
Backlight Dimming  
Backlight Dimming 2  
Backlight Dimming2  
Backup Lamp  
Backup Lamps  
Backup Lamps #1  
Backup Lamps #2  
Backup Lamps #3  
Backup Lamps #4  
Backup Lamps #5  
Backup Lamps #6  
Backup Lamps Relay  
Backup Lamps Test  
BAS Diag Drive  
BAS\_Diag\_Drive  
BASS Diagnostics  
Beam Select Relay  
BLR Control (Stop Lamp)  
BLR\_Control (Stop Lamp)  
BLR\_Control(Stop Lamp)  
BPP Sensor Calibration  
Brake Lamps  
Brake Pedal Apply  
Brake Pedal Position Sensor Learn  
Brake to Shift Control  
Brake to Shift Control Test  
Brake to Shift Relay  
Brake to Shift Relay Test  
Brake to Shift Telltale  
Brake Transmission Shift Interlock Solenoid A  
BTSI  
BTSI Solenoid  
Bus Isolator Off  
Cargo Door Unlock  
Cargo Lamp  
Center Brake Lamp  
Child Security Lock Indicator  
Child Security Lock Motors  
Chime Duty Cycle  
Chime Fast  
Chime Fast #1  
Chime Fast #2  
Chime Fast #3  
Chime Fast #4  
Chime Medium

Chime Medium #1  
Chime Medium #2  
Chime Medium #3  
Chime Medium #4  
Chime Rate  
Chime Rate Selection  
Chime Slow  
Chime Slow #1  
Chime Slow #2  
Chime Slow #3  
Chime Slow #4  
Chime Test  
CHMSL  
Clear Alarm Information  
Clear Driver Window Learned Value  
Clear Passenger Window Learned Value  
Cluster Dimming  
Cluster DVT WOW Test  
Column Lock Relay (pulse 500 ms)  
Column Lock Test  
Console Shift BTSI Relay  
Console Shift BTSI Relay Test  
Console Switch Lamp  
Console Switch Lamp #1  
Console Switch Lamp #2  
Console Switch Lamp #3  
Console Switch Lamp #4  
Console Switch Lamp #5  
Console Switch Lamp #6  
Controls Dimming  
Controls Dimming 1  
Cooling Fan Relay  
Cornering Lamp Left  
Cornering Lamp Right  
COURTESY  
COURTESY #1  
COURTESY #2  
Courtesy Lamp  
Courtesy Lamp Relay  
Courtesy Lamp Test  
Courtesy Lamps  
Courtesy Light  
Current Sensor Reference  
Daytime Running Lamps  
Daytime Running Lamps #1  
Daytime Running Lamps #2  
Daytime Running Lamps #3  
Daytime Running Lamps #4  
Daytime Running Lamps Test  
Daytime Running Lights  
Decklid Release Relay  
Defogger  
Defogger (60 s)  
Delay Accessory Bus  
Delay Interior Lights  
Dimmed Lights Duty Cycle (Park Lamps Active)  
Dimming  
Disable Battery Saver Relay  
Display(s) Test  
Dome Light  
Door Deal Lock Lock/Unlock

Door Lock  
Door Lock (pulse 500 ms)  
Door Lock Relay  
Door Lock Test  
Door Unlock  
Door Unlock (pulse 500 ms)  
Door Unlock Relay  
Double Lock  
DR UNLK  
Dr. Door Unlock  
Dr. Door Unlock (pulse 500 ms)  
Driver Door Lock  
Driver Door Unlatch  
Driver Door Unlatch Relay (pulse 500 ms)  
Driver Door Unlatch Test  
Driver Door Unlock  
Driver Door Unlock #1  
Driver Door Unlock #2  
Driver Door Unlock #3  
Driver Door Unlock #4  
Driver Door Unlock Relay  
Driver Door Unlock Test  
Driver Heated Seat  
Driver Heated Seat Test  
Driver Unlock  
Driver Window  
Driver Window Motor  
DRL  
DRL Dedicated Left  
DRL Dedicated Right  
DRL Headlamps  
DRL Headlamps #1  
DRL Headlamps #2  
DRL Headlamps #3  
DRL Headlamps #4  
DRL Headlamps #5  
DRL Headlamps #6  
DRL Parklamps  
DRL Parklamps #1  
DRL Parklamps #2  
DRL Parklamps #3  
DRL Parklamps #4  
DRL Parklamps #5  
DRL Parklamps #6  
DRL Relay  
DRL Test  
EAP Interlock  
Enable Battery Saver Relay  
Enable Fob Program and erase buffer upon fi  
Exterior Lamps  
Fog Lamp Front  
Fog Lamp Rear  
Fog Lamps  
Fog Lamps #1  
Fog Lamps #2  
Fog Lamps #3  
Fog Lamps #4  
Fog Lamps Telltale  
Fog Lamps Telltale #1  
Fog Lamps Telltale #2  
Fog Lamps Telltale #3

Fog Lamps Telltale #4  
Fog Lamps Telltale #5  
Fog Lamps Telltale #6  
Fog Lamps Test  
Foglamp Relay  
Folding Top  
Folding Top #1  
Folding Top #2  
Front Fog Lamp  
Front Fog Lamp Relay  
Front Fog Lamps  
Front Fog Lamps #1  
Front Fog Lamps #2  
Front Fog Lamps #3  
Front Fog Lamps #4  
Front Fog Lamps #5  
Front Fog Lamps #6  
Front Fog Lamps Relay  
Front Fog Lamps Test  
Front Foglamp Relay  
Front Wiper Interm 1  
Front Wiper Interm 1 (Corvette Only)  
Front Wiper Interm 2  
Front Wiper Interm 2 (Corvette Only)  
Front Wiper Interm 3  
Front Wiper Interm 3 (Corvette Only)  
Front Wiper Interm 4  
Front Wiper Interm 4 (Corvette Only)  
Front Wiper Interm 5  
Front Wiper Interm 5 (Corvette Only)  
Front Wiper Low Speed  
Front Wiper Relay  
Front Zone Courtesy Lamp  
Fuel Door Release  
Fuel Door Unlatch  
Gate Release  
Gear Indicator Lamp  
Gear Indicator Lamp #1  
Gear Indicator Lamp #2  
Gear Indicator Lamp #3  
Gear Indicator Lamp #4  
Gear Indicator Lamp #5  
Gear Indicator Lamp #6  
Generator Regulator Setpoint  
Hatch Release  
Hatch Release #1  
Hatch Release #2  
Hatch Release #3  
Hatch Release #4  
Hatch Release #5  
Hatch Release #6  
Hazard Lamps Switch Backlight  
Hdlmp  
Head Lamps Require Telltale  
Headlamp  
Headlamp Relay  
Headlamp Wash  
Headlamp Washer Relay  
Headlamp Washer Test  
Headlamps  
Headlamps On Indicator

Headlamps Test  
Heated Seat  
Heated Seat Test  
Hi Beam  
High Beam  
High Beam Lamp  
High Beam Relay  
High Beam Relay Test  
High Beams  
High Beams Test  
Horn  
Horn #1  
Horn #2  
Horn #3  
Horn #4  
Horn #5  
Horn #6  
Horn A  
Horn B  
Horn Relay  
Horn Signal Time Length  
Horn Test  
HS Comm. Enable  
HVAC Actuator Recal  
HVAC Blower  
HVAC High Blower  
HVAC Lamp  
HVAC Lamp #1  
HVAC Lamp #2  
HVAC Lamp #3  
HVAC Lamp #4  
HVAC Lamp #5  
HVAC Lamp #6  
I/P Illumination Lamps  
Ignition Mode Switch Dimming  
Ignition Power Relay  
Ignition Power Relay Test  
Ignition Run Relay  
INADV  
Inadv Power  
Inadv. Power Cmd. 1  
Inadv. Power Cmd. 2  
Inadvertant Power Test  
Inadvertent Load  
Inadvertent Power  
Inadvertent Power #1  
Inadvertent Power #2  
Inadvertent Power #3  
Inadvertent Power #4  
Inadvertent Power #5  
Inadvertent Power #6  
Inadvertent Power Relay  
Inadvertent Power Relay Test  
Inadvertent Power Test  
Incandescent Backlight Dimming  
Incandescent Dimming  
Incandescent Dimming Test  
Indicator & Displays Dimming  
Indicator & Displays Run Dimming  
Indicator Dimming  
Instrument Backlight Dimming

Instrumentation Backlight Dimming  
Int Lights  
Interior Dimming  
Interior Dimming Test  
Interior Lamp  
Interior Lamps  
Interior Lamps Test  
IP Illumination Lamps  
Key Capture Solenoid  
Key Minder  
LED Backlight Dimming  
LED Dimming  
LED Dimming Test  
Left Brake Lamp  
Left Cornering Lamp  
Left Cornering Lamp Relay  
Left Cornering Lamp Test  
Left Dedicated Daytime Running Lamp  
Left Front Access Panel  
Left Front Park Lamp  
Left Front Park Lamp/Daytime Running Lamp  
Left Front Turn Signal  
Left Front Turn Signal and/or DRL Status  
Left Front Turn Signal/Hazard Lamp  
Left Headlamp Low Beam  
Left Mix Motor  
Left Park Lamp  
Left Rear Access Panel  
Left Rear Brake/Park Lamp  
Left Rear Park Lamp  
Left Rear Turn Signal  
Left Rear Turn Signal/Hazard Lamp  
Left Rear Window  
Left Rear Window Down  
Left Rear Window Motor  
Left Rear Window Relay Power  
Left Rear Window Test  
Left Rear Window Up  
Left Repeater  
Left Side Front Access Panel  
Left Side Rear Access Panel  
Left Trailer Turn Signal Lamp  
Left Turn Signal Lamp  
Left Turn Signal Lamp #1  
Left Turn Signal Lamp #2  
Left Turn Signal Lamp #3  
Left Turn Signal Lamp #4  
Left Turn Signal Lamp #5  
Left Turn Signal Lamp #6  
LF Turn Lamp DRL  
LF Turn Lamp/DRL  
LF Turn Lamp/DRL Test  
LF Turn Signal  
LF Turn Signal Test  
Licence Plate Lamps  
License Plate Lmaps  
Lift Glass Relay  
Lift Glass Release  
Lift Glass Release Test  
Liftgate Lock  
Liftgate Lock Relay

Liftgate Lock Test  
Liftglass Release Test  
Lights On Minder  
LIN Bus Device Part Number Read  
Load Management  
Load Management Test  
Lock All Doors Test  
Lock All Doors  
Lock All Doors #1  
Lock All Doors #2  
Lock All Doors #3  
Lock All Doors #4  
Lock All Doors Test  
Lock Doors  
Lock Rear Doors  
Lock Rear Doors Test  
Lock/Unlock All Doors  
Low Beam  
Low Beam Center  
Low Beam DRL  
LOW BEAM On/Off  
Low Beam Percent  
Low Beam Relay  
Low Beam Relay Test  
Low Beam/DRL Test  
Low Beams  
Low Beams Test  
Low I/P Courtesy Lamp  
Low I/P Courtesy Lamp #1  
Low I/P Courtesy Lamp #2  
Low I/P Courtesy Lamp #3  
Low I/P Courtesy Lamp #4  
Low I/P Courtesy Lamp #5  
Low I/P Courtesy Lamp #6  
LR Door Motor Out  
LR Stop Turn Signal Lamp  
LR Stop/Turn Signal Lamp  
LR Stop/Turn Signal Lamp  
LR Stop/Turn Signal Lamp Test  
LR Turn Signal  
LR Turn Signal Test  
LR Window Down Relay  
LR Window Relay Power  
LR Window Up Relay  
Mode 1 Door Position  
Mode 2 Door Position  
Mode Switch "Accy" LED  
Mode Switch "Off" LED  
Mode Switch "Start" LED  
Mode Switch LED Test  
Occupant Restraint  
Oil Life Reset  
Outside Rear View Mirror Courtesy Lamp  
Panic Horn Relay  
Park Brake Release Solenoid  
Park Brake Solenoid A Relay  
Park Brake Solenoid A Relay (XLR Only)  
Park Brake Solenoid B Relay  
Park Brake Solenoid B Relay Control (XLR Onl)  
Park Lamp  
Park Lamp Left or All

Park Lamp Right or All  
Park Relay  
Park Reverse Sw Out (Corvette Only)  
Park\_Reverse\_Sw\_Out  
Parking Lamp Relay  
Parking Lamps  
Parking Lamps Test  
Parklamp  
Parklamp Relay  
Passenger Door(s) Unlock Test  
Passenger Door Lock  
Passenger Door Unlatch Relay (pulse 500 ms)  
Passenger Door Unlatch Test  
Passenger Door Unlock  
Passenger Door Unlock #1  
Passenger Door Unlock #2  
Passenger Door Unlock #3  
Passenger Door Unlock #4  
Passenger Door Unlock Relay  
Passenger Door Unlock Test  
Passenger Door(s) Unlatch  
Passenger Door(s) Unlock  
Passenger Door(s) Unlock Test  
Passenger Heated Seat  
Passenger Heated Seat Test  
Passenger Seat Belt Reminder LED  
Passenger Seat Belt Reminder LED Test  
Passenger Window  
Passenger Window Motor  
Passlock Power  
PCM Accy Wakeup  
Power Down Now  
Power Moding  
Power Moding #1  
Power Moding #2  
Power Moding #3  
Power Moding #4  
Power Tonneau Release  
Power Tonneau Release (Corvette Only)  
Power Window Relay  
Program Key Fob  
Program Key Fobs  
Program RFA FOB  
Psgr. Seat Belt Reminder LED  
Puddle Lamp  
Puddle Lamps  
Puddle Lights Relay  
PWM DIM  
PWM2 Duty Cycle  
R DEFOG  
R FOG  
Rain Sensor-T1  
Rain Sensor-T3  
RAP  
RAP Relay  
Rear Closure rel Request  
Rear Compartment Lid Release  
Rear Defog  
Rear Defog Relay  
Rear Defog Relay Test  
Rear Defogger

Rear Defogger #1  
Rear Defogger #2  
Rear Defogger #3  
Rear Defogger #4  
Rear Defogger #5  
Rear Defogger #6  
Rear Defogger Relay  
Rear Defogger Test  
Rear Defroster Relay  
Rear Door Lock  
Rear Door Lock Relay  
Rear Door Lock Unlock  
Rear Door Lock/Unlock  
Rear Door Unlock  
Rear Door Unlock Relay  
Rear FOG  
Rear Fog Lamp  
Rear Fog Lamp (Corvette Only)  
Rear Fog Lamp (XLR Only)  
Rear Fog Lamp Relay  
Rear Fog Lamps  
Rear Fog Lamps #1  
Rear Fog Lamps #2  
Rear Fog Lamps #3  
Rear Fog Lamps #4  
Rear Fog Lamps #5  
Rear Fog Lamps #6  
Rear Fog Lamps Relay (X024 only)  
Rear Fog Lamps Test  
Rear Foglamp Relay  
Rear Washer  
Rear Washer Relay  
Rear Washer Test  
Rear Wiper  
Rear Wiper Cmd On  
Rear Wiper Delay  
Rear Wiper Delay Test  
Rear Wiper Interval 1  
Rear Wiper Interval 2  
Rear Wiper Relay  
Recalibrate BASS  
Recalibrate\_BASS  
Retained Accessory Power  
Retained Accessory Power #1  
Retained Accessory Power #2  
Retained Accessory Power #3  
Retained Accessory Power #4  
Retained Accessory Power Test  
Reverse Relay  
RF Turn Lamp DRL  
RF Turn Lamp/DRL  
RF Turn Lamp/DRL Test  
RF Turn Signal  
RF Turn Signal Test  
RFA Link Output  
RFA Link Output #1  
RFA Link Output #2  
RFA Link Output #3  
RFA Link Output Test  
RFA Transmitter Programming/Diagnostic Mc  
Right Brake Lamp



Right Cornering Lamp  
 Right Cornering Lamp Relay  
 Right Cornering Lamp Test  
 Right Dedicated Daytime Running Lamp  
 Right Front Park Lamp  
 Right Front Park Lamp/Daytime Running Lam  
 Right Front Turn Signal  
 Right Front Turn Signal and/or DRL Status  
 Right Front Turn Signal/Hazard Lamp  
 Right Headlamp Low Beam  
 Right Mix Motor  
 Right Park Lamp  
 Right Rear Access Panel  
 Right Rear Brake/Park Lamp  
 Right Rear Park Lamp  
 Right Rear Turn Signal  
 Right Rear Turn Signal/Hazard Lamp  
 Right Rear Window  
 Right Rear Window Down  
 Right Rear Window Motor  
 Right Rear Window Relay Power  
 Right Rear Window Test  
 Right Rear Window Up  
 Right Repeater  
 Right Side Rear Access Panel  
 Right Trailer Turn Signal Lamp  
 Right Turn Signal Lamp  
 Right Turn Signal Lamp #1  
 Right Turn Signal Lamp #2  
 Right Turn Signal Lamp #3  
 Right Turn Signal Lamp #4  
 Right Turn Signal Lamp #5  
 Right Turn Signal Lamp #6  
 RR Door Motor Out  
 RR Stop Turn Signal Lamp  
 RR Stop/Turn Signal Lamp  
 RR Stop/Turn Signal Lamp Test  
 RR Turn Signal  
 RR Turn Signal Test  
 RR Window Down  
 RR Window Relay Power  
 RR Window Up Relay  
 Run Crank Relay  
 Run Relay  
 Run Relay Test  
 Run/Crank Relay  
 Run/Crank Relay Control  
 Run/Crank Relay Test  
 Run/Start Power Mode Indicator  
 Seat Belt Telltale  
 Seat Blt Rem Pass Out  
 Seat\_Blt\_Rem\_Pass\_Out  
 Security Indicator  
 Security Lamp  
 Security Lamp Test  
 Security LED  
 Security LED Test  
 Security Siren  
 Security Telltale  
 Set In-Vehicle Status  
 Set MEC to 255

Shift Lock Solenoid  
 Shift Lock Solenoid Test  
 Siren  
 Steering Column Lock  
 Steering Column Lock #1  
 Steering Column Lock #2  
 Steering Column Lock #3  
 Steering Column Lock #4  
 Steering Column Lock #5  
 Steering Column Lock #6  
 Stop Lamp  
 Stop Lamp Relay Control Test  
 Switch Power  
 Switched Gnd Out  
 Switched\_Gnd\_Out  
 Theater Dimming 1  
 Theater Dimming 1 #1  
 Theater Dimming 1 #2  
 Theater Dimming 1 #3  
 Theater Dimming 1 #4  
 Theater Dimming 2  
 Theater Dimming 2 #1  
 Theater Dimming 2 #2  
 Theater Dimming 2 #3  
 Theater Dimming 2 #4  
 Theft System Horn  
 Tire Pressure Reset  
 Tire Pressure Sensors Learn  
 Tonneau Relay  
 Tonneau Relay (Corvette Only)  
 Tonneau Relay Test  
 Tonneau Release  
 Tonneau Release Test  
 Traction Lamp  
 Traction Switch LED  
 Trailer Backup Lamps  
 Trailer Park Lamps Lamps  
 Trailer Rear Foglamp Relay  
 Transmission Range Indicator  
 Transmitter FOB Programming  
 Trunk Lamp  
 Trunk Lamp Test  
 Trunk Lid Unlatch  
 Trunk Lift Glass Rel  
 Trunk Release  
 Trunk Release (pulse 500 ms)  
 Trunk Release Solenoid  
 Trunk Release Test  
 Turn Left Front  
 Turn Left Rear  
 Turn Left Trailer  
 Turn Right Rear  
 Turn Right Front  
 Turn Right Trailer  
 Turn Signal Relay  
 Twilight Sentinel  
 Twilight Telltale  
 Unlock All Doors  
 Unlock All Doors Test  
 Unlock Doors  
 Unlock Other Door(s)

Unlock Rear Doors  
 Unlock Rear Doors Test  
 USR Sel Lamp Power  
 Vehicle Parked  
 Vehicle Rear Foglamp Relay  
 Window Lockout Switch Indicator  
 Windshield Wash  
 Windshield Washer Relay  
 Windshield Wiper High Speed Relay  
 Windshield Wiper Motor Relay  
 Wiper Front Depressed Park  
 Wiper Front Drive  
 Wiper Front High  
 Wiper High Speed Relay  
 Wiper High Speed Relay Test  
 Wiper Motor Delay  
 Wiper Motor Delay Pos. 1  
 Wiper Motor Delay Pos. 2  
 Wiper Motor Delay Pos. 3  
 Wiper Motor Delay Pos. 4  
 Wiper Motor Delay Pos. 5  
 Wiper Motor Delay Test  
 Wiper Motor Low  
 Wiper Motor Low/Hi Speed Relay  
 Wiper Motor Low/Hi Speed Relay Test  
 Wiper Motor Low/Hi Speed Rly  
 Wiper Motor Relay  
 Wiper Motor Relay Test  
 Wiper Relay  
 Wiper Relay (Corvette Only)  
 Wiper Relay Test  
 Wiper Washer Motor  
 Wiper Washer Motor Test  
 X-Link High-side Output

## BCM (CAN

Access Relay  
 Accessory Relay Test  
 Accy/RAP Relay Test  
 Adjustable Pedal Inhibit Test  
 Afterblow Relay Test  
 Alarm Siren Test  
 Backup Lamp  
 Backup Lamps Test  
 BLR\_Control (Stop Lamp)  
 BPP Sensor Calibration  
 Brake to Shift Control Test  
 BTSI  
 Courtesy Lamp Test  
 Defogger (60 s)  
 Dimmed Lights Duty Cycle (Park Lamps Active)  
 Door Lock (pulse 500 ms)  
 Door Unlock (pulse 500 ms)  
 Dr. Door Unlock (pulse 500 ms)  
 Driver Door Unlock Test  
 DRL Test  
 Fog Lamps Test  
 Front Fog Lamp  
 Front Wiper Interm 1  
 Front Wiper Interm 2  
 Front Wiper Interm 3

Front Wiper Interm 4  
 Front Wiper Interm 5  
 Front Wiper Low Speed  
 HdImp  
 Headlamp Washer Test  
 Headlamps Test  
 Hi Beam  
 High Beams Test  
 Horn Signal Time Length  
 Horn Test  
 HVAC Blower  
 Inadv Power  
 Inadvertent Power Test  
 Incandescent Dimming Test  
 Int Lights  
 Interior Dimming Test  
 Interior Lamps Test  
 LED Dimming Test  
 Left Cornering Lamp Test  
 Left Front Turn Signal  
 Left Rear Turn Signal  
 Left Rear Window Test  
 LF Turn Lamp/DRL Test  
 LF Turn Signal Test  
 Liftglass Release Test  
 Lock All Doors Test  
 Lock Rear Doors Test  
 Low Beam DRL  
 Low Beam/DRL Test  
 Low Beams Test  
 LR Stop/Turn Signal Lamp Test  
 LR Turn Signal Test  
 Park Lamp  
 Parking Lamps Test  
 Passenger Door(s) Unlock Test  
 Passenger Seat Belt Reminder LED Test  
 Rear Defog Relay Test  
 Rear Wiper Interval 1  
 Rear Wiper Interval 2  
 Recalibrate\_BASS  
 RF Turn Lamp/DRL Test  
 RF Turn Signal Test  
 Right Cornering Lamp Test  
 Right Front Turn Signal  
 Right Rear Turn Signal  
 Right Rear Window Test  
 RR Stop/Turn Signal Lamp Test  
 RR Turn Signal Test  
 Run Relay  
 Run Relay Test  
 Run/Crank Relay Test  
 Seat\_Blt\_Rem\_Pass\_Out  
 Security LED  
 Security LED Test  
 Shift Lock Solenoid Test  
 Trunk Lamp  
 Trunk Release (pulse 500 ms)  
 Trunk Release Test  
 Unlock All Doors Test  
 Unlock Rear Doors Test  
 Wiper High Speed Relay Test

Wiper Motor Delay Test  
 Wiper Motor Relay Test  
 Wiper Relay Test  
 Wiper Washer Motor Test

## BCM (VP)

Accessory Relay  
 ALC Headlamp Relay  
 ALC Parklamp Relay  
 All Door Unlock Relay  
 Back Up LAMP  
 BACKDIM  
 Backdim 1  
 BACKDIM2  
 Backlight Dimming  
 Backlight Dimming2  
 Backup Lamps  
 Beam Select Relay  
 Brake to Shift Control  
 Brake to Shift Relay  
 BTSI  
 Chime Duty Cycle  
 Chime Rate Selection  
 Cluster DVT WOW Test  
 Console Shift BTSI Relay  
 Controls Dimming 1  
 COURTESY  
 Courtesy Lamp Relay  
 Courtesy Lamps  
 Daytime Running Lamps  
 Decklid Release Relay  
 Dome Light  
 Door Lock  
 Door Lock Relay  
 Door Unlock Relay  
 DR UNLK  
 Driver Door Unlock  
 Driver Door Unlock Relay  
 Driver Heated Seat  
 DRL  
 DRL Relay  
 Enable Fob Program and erase buffer upon fi  
 Fog Lamps  
 Front Fog Lamp Relay  
 Front Fog Lamps  
 Front Foglamp Relay  
 Headlamp Relay  
 Headlamps  
 Headlamps On Indicator  
 HIGH Beam  
 High Beam Relay  
 Horn  
 Horn Relay  
 Ignition Power Relay  
 INADV  
 Inadv. Power Cmd. 1  
 Inadv. Power Cmd. 2  
 Inadvertent Power  
 Inadvertent Power Relay  
 Instrumentation Backlight Dimming  
 Interior Dimming

Interior Lamp  
 Left Front Turn Signal  
 Left Rear Turn Signal  
 LF Turn Lamp/DRL  
 Lift Glass Relay  
 Load Management  
 Lock All Doors  
 Low Beam Center  
 LOW BEAM On/Off  
 Low Beam Relay  
 LR Stop/Turn Signal Lamp  
 LR Window Down Relay  
 LR Window Relay Power  
 LR Window Up Relay  
 Oil Left Reset  
 Panic Horn Relay  
 Parking Lamps  
 Parklamp Relay  
 Passenger Door Unlock  
 Passenger Door Unlock Relay  
 Passenger Heated Seat  
 Passenger Seat Belt Reminder LED  
 Passlock Power  
 Power Down Now  
 Power Moding  
 Program Key Fobs  
 Program RFA FOB  
 Puddle Lights Relay  
 PWM2 Duty Cycle  
 R DEFOG  
 R FOG  
 RAP  
 RAP Relay  
 Rear Defog Relay  
 Rear Door Lock Relay  
 Rear Door Unlock Relay  
 Rear Fog Lamp Relay  
 Rear Foglamp Relay  
 Retained Accessory Power  
 RF Turn Lamp/DRL  
 RFA Link Output  
 Right Front Turn Signal  
 Right Rear Turn Signal  
 RR Stop/Turn Signal Lamp  
 RR Window Down  
 RR Window Relay Power  
 RR Window Up Relay  
 Security LED  
 Set In-Vehicle Status  
 Set MEC to 255  
 Switch Power  
 Theater Dimming 1  
 Tire Pressure Reset  
 Transmitter FOB Programming  
 Trunk Release  
 Unlock All Doors  
 Wiper Motor Low/Hi Speed Relay  
 Wiper Motor Relay  
 Wiper Relay  
 Wiper Washer Motor

## BFC

ALC Headlamps

ALC Headlamps #1

ALC Headlamps #2

ALC Parking Lamps

ALC Parking Lamps #1

ALC Parking Lamps #2

All Doors Unlock

Chime

Chime #1

Chime #2

Daytime Running Lamps

Daytime Running Lamps #1

Daytime Running Lamps #2

Display(s) Test

Display(s) Test #1

Display(s) Test #2

Door Lock

Driver Door Unlock

Front Fog Lamps

Front Fog Lamps #1

Front Fog Lamps #2

Horn Relay

Inadvertent Power

Inadvertent Power #1

Inadvertent Power #2

Interior Lamps

Interior Lamps #1

Interior Lamps #2

Passlock Power

Passlock Power #1

Passlock Power #2

Rear Fog Lamps

Trunk Release Relay

Htr./Def./A/C Door Position

Htr./Def./A/C Door Position #1

Htr./Def./A/C Door Position #2

Htr./Def./A/C Door Position #3

Htr./Def./A/C Door Position #4

Key Light(Halo)

Key Light(Halo) #1

Key Light(Halo) #2

Key Light(Halo) #3

LCD Intensity

LCD Intensity #1

LCD Intensity #2

LCD Intensity #3

LCD Intensity #4

LED Intensity

LED Intensity #1

LED Intensity #2

LED Intensity #3

LED Intensity #4

Mode Door Position

Passenger Temp Door Position

Passenger Temp Door Position #1

Passenger Temp Door Position #2

Passenger Temp Door Position #3

Passenger Temp Door Position #4

Passenger Temp. Door Position

Segment Check

Temp Door Position

Temp Door Position #1

Temp Door Position #2

Temp Door Position #3

Temp. Door Position

Water Pump Control

Water Pump Control #1

Water Pump Control #2

Water Pump Control #3

Water Pump Control #4

## CCSM

Command Driver Blower Full Power

Command Driver Cool Mode

Command Driver Heat Mode

Command Driver Seat

Command Passenger Blower Full Power

Command Passenger Cool Mode

Command Passenger Heat Mode

Command Passenger Seat

## CHIME

Amplitude Profile

Cadence

Chime

Chime on

Chime Test

Cycle Through

Frequency

## DDM

Back Only Indicator

Deadbolt Motor Lock

Deadbolt Motor Unlock

Door Backlight Test

Door Backlight Test #1

Door Backlight Test #2

Door Backlight Test #3

Door Backlight Test #4

Door Backlight Test #5

Door Backlight Test #6

Door Lock Motors Active Kind

Door Lock Unlock

Door Lock Unlock #1

Door Lock Unlock #2

Door Lock Unlock #3

Door Lock Unlock #4

Door Motor

Door Motor (Lock/Unlock)

Door Switch Backlight

DR Door Lock/Unlock

DR Door Lock/Unlock #1

DR Door Lock/Unlock #2

DR Door Lock/Unlock #3

Driver & Passenger Deadbolt Lock

Driver & Passenger Deadbolt Unlock

Driver Door Lock/Unlock

Driver Heated Mirror

Driver Heated Mirror #1

Driver Heated Mirror #2

Driver Heated Mirror #3

Driver Lock

Driver Lock #1

Driver Lock #2

Driver Lock #3

Driver Lock #4

Driver Lock #5

Driver Lock #6

Driver Mirror Down

Driver Mirror Down #1

Driver Mirror Down #2

Driver Mirror Down #3

Driver Mirror Fold

Driver Mirror Left

Driver Mirror Left #1

Driver Mirror Left #2

Driver Mirror Left #3

Driver Mirror Right

Driver Mirror Right #1

Driver Mirror Right #2

Driver Mirror Right #3

Driver Mirror Up

Driver Mirror Up #1

Driver Mirror Up #2

Driver Mirror Up #3

Driver Mirror Vertical Motor

Driver Window

Driver Window #1

Driver Window #2

Driver Window #3

Driver Window #4

Driver Window #5

Driver Window #6

Driver Window Motor

Drv Mirror Horiz Motor

## CCP

Air Inlet Door Position

Air Inlet Door Position #1

Air Inlet Door Position #2

Air Inlet Door Position #3

Air Inlet Door Position #4

Blower Motor

Blower Motor #1

Blower Motor #2

Blower Motor #3

Blower Motor #4

Display(s) Test

Display(s) Test #1

Display(s) Test #2

Display(s) Test #3

Driver Temp Door Position

Driver Temp Door Position #1

Driver Temp Door Position #2

Driver Temp Door Position #3

Driver Temp Door Position #4

Driver Temp. Door Position

Fan High

Fan Low

Fan Medium

Fan Medium High

Electric Adjustable Pedal  
Express Up Low Speed Output  
Exterior Courtesy Lamp  
Exterior Courtesy Lamp w/o Dimming  
Fold Mirror Indicator  
Heat Indicator High  
Heat Indicator Low  
Heat Indicator Medium  
Heated Mirror  
Heated Seat Indicator Back-Only  
Heated Seat Indicator Cushion/ Back  
Heated Seat Indicator High  
Heated Seat Indicator Low  
Heated Seat Indicator Medium  
Heated Seat LED - Heat (GMX 270 only)  
Heated Seat LED-Back only (GMX 270 only)  
Heated Seat LED-Heat (GMX 270 only)  
Heated Seat LED-High (GMX 270 only)  
Heated Seat LED-Low (GMX 270 only)  
Heated Seat LED-Medium (GMX 270 only)  
Heated Seat LEDs  
Heated Seat Mode  
Heated Seat Mode (LRD / RRD) - Not used on  
Heated Seat Mode (LRD / RRD) – Not used on  
Heated Seat Mode (LRD / RRD) , Heated Seat  
Heated Seat Temp  
Heated Seat Temp (LRD / RRD) - Not used on  
Heated Seat Temp (LRD / RRD) – Not used on  
Heated Seat Temp (LRD / RRD) , CCS PWM O  
Indicator Dimming  
Indicator Test  
Left Rear Door Lock/Unlock  
Left Rear Lock  
Left Rear Lock #1  
Left Rear Lock #2  
Left Rear Lock #3  
Left Rear Window  
Left Rear Window #1  
Left Rear Window #2  
Left Rear Window #3  
LF Latch Solenoid Command  
Lock Motor  
Lock Motor Lock  
Lock Motor Unlock  
Lock Switch Indicator  
Lock Switch Indicator LED  
Memory 1 Indicator  
Memory 1 Indicator #1  
Memory 1 Indicator #2  
Memory 1 Indicator #3  
Memory 1 Indicator #4  
Memory 1 Indicator #5  
Memory 1 Indicator #6  
Memory 2 Indicator  
Memory 2 Indicator #1  
Memory 2 Indicator #2  
Memory 2 Indicator #3  
Memory 2 Indicator #4  
Memory 2 Indicator #5  
Memory 2 Indicator #6  
Midgate Glass Output

Mirror Down  
Mirror Down #1  
Mirror Down #2  
Mirror Down #3  
Mirror Down #4  
Mirror Down #5  
Mirror Down #6  
Mirror Fold  
Mirror Fold #1  
Mirror Fold #2  
Mirror Fold #3  
Mirror Fold #4  
Mirror Heat  
Mirror Heat #1  
Mirror Heat #2  
Mirror Heat #3  
Mirror Heat #4  
Mirror Heat Control Parameter  
Mirror Heater  
Mirror Heater #1  
Mirror Heater #2  
Mirror Heater #3  
Mirror Heater #4  
Mirror Heater #5  
Mirror Heater #6  
Mirror Left  
Mirror Left #1  
Mirror Left #2  
Mirror Left #3  
Mirror Left #4  
Mirror Left #5  
Mirror Left #6  
Mirror Left Right  
Mirror Left Right #1  
Mirror Left Right #2  
Mirror Left Right #3  
Mirror Left Right #4  
Mirror Motor  
Mirror Motor Fold In (Retract)  
Mirror Motor Fold Out (Extend)  
Mirror Motor Horizontal  
Mirror Motor Horizontal Left  
Mirror Motor Horizontal Right  
Mirror Motor Move Kind  
Mirror Motor Vertical  
Mirror Motor Vertical Down  
Mirror Motor Vertical Up  
Mirror Motor-Fold In (Retract)  
Mirror Motor-Fold Out (Extend)  
Mirror Right  
Mirror Right #1  
Mirror Right #2  
Mirror Right #3  
Mirror Right #4  
Mirror Right #5  
Mirror Right #6  
Mirror Up  
Mirror Up #1  
Mirror Up #2  
Mirror Up #3  
Mirror Up #4

Mirror Up #5  
Mirror Up #6  
Mirror Up Down  
Mirror Up Down #1  
Mirror Up Down #2  
Mirror Up Down #3  
Mirror Up Down #4  
Passenger Door Lock/Unlock  
Passenger Heated Mirror  
Passenger Heated Mirror #1  
Passenger Heated Mirror #2  
Passenger Heated Mirror #3  
Passenger Lock  
Passenger Lock #1  
Passenger Lock #2  
Passenger Lock #3  
Passenger Mirror Down  
Passenger Mirror Down #1  
Passenger Mirror Down #2  
Passenger Mirror Down #3  
Passenger Mirror Fold  
Passenger Mirror Left  
Passenger Mirror Left #1  
Passenger Mirror Left #2  
Passenger Mirror Left #3  
Passenger Mirror Right  
Passenger Mirror Right #1  
Passenger Mirror Right #2  
Passenger Mirror Right #3  
Passenger Mirror Select LED  
Passenger Mirror Select LED #1  
Passenger Mirror Select LED #2  
Passenger Mirror Select LED #3  
Passenger Mirror Select LED #4  
Passenger Mirror Select LED #5  
Passenger Mirror Select LED #6  
Passenger Mirror Up  
Passenger Mirror Up #1  
Passenger Mirror Up #2  
Passenger Mirror Up #3  
Passenger Window  
Passenger Window #1  
Passenger Window #2  
Passenger Window #3  
Pedals Output  
Psgr Wdw Lockout Indicator  
Puddle Lamp  
Puddle Lamps #1  
Puddle Lamps #2  
Puddle Lamps #3  
Puddle Lamps #4  
Right Rear Door Lock/Unlock  
Right Rear Lock  
Right Rear Lock #1  
Right Rear Lock #2  
Right Rear Lock #3  
Right Rear Window  
Right Rear Window #1  
Right Rear Window #2  
Right Rear Window #3  
Seat Switch Backlighting

Switch Dimming Feed  
Switch Dimming Feed #1  
Switch Dimming Feed #2  
Switch Dimming Feed #3  
Switch Dimming Feed #4  
Switch Dimming Feed Duty Cycle  
Vent Cool Indicator  
Window Down  
Window Express Down  
Window Express Down #1  
Window Express Down #2  
Window Express Down #3  
Window Express Down #4  
Window Express Down #4  
Window Lockout Indicator  
Window Motor  
Window Motor - Express Down  
Window Motor  
Window Motor Down  
Window Motor Express Down  
Window Motor Express Up  
Window Motor Move Kind  
Window Motor Up  
Window Peak Detect Discharge  
Window Peak Detect Discharge #1  
Window Peak Detect Discharge #2  
Window Peak Detect Discharge #3  
Window Peak Detect Discharge #4  
Window Switch Backlighting  
Window Up  
Window Up Down  
Window Up Down #1  
Window Up Down #2  
Window Up Down #3  
Window Up Down #4  
Window/Door Lock Backlighting  
Window/Door Lock Switch Backlighting and P

## DDS

Door Lock  
Door Lock On/Off  
Front Window  
Front Window Motor  
Integrated Sw. Backlighting Test  
Mirror  
Mirror Fold  
Mirror Heater  
Non-Integrated Backlighting Test  
Rear Window

## DIC

Backlight Dimming  
Display Backlight Level  
Display Backlight Level PWM  
Fuel Button  
Gauge Button  
Options Button  
Reset Button  
Segment Check  
Switch Backlight Level  
Switch Backlight Level PWM  
Trip Button

## DID

Black Pixel Position  
Black Screen  
Blue Screen  
Dimming  
Green Screen  
Red Screen  
Splash Screen  
White  
White Pixel Position  
White Screen

## DIM

AC Orifice Relay  
Cigar Lighter  
Cigar Lighter #1  
Cigar Lighter #2  
Cigar Lighter #3  
Cigar Lighter #4  
Cigar Lighter Test  
Control Power  
Control Power #1  
Control Power #2  
Control Power #3  
Control Power #4  
Control Power Test  
Daytime Running Lamps  
Daytime Running Lamps #1  
Daytime Running Lamps #2  
Daytime Running Lamps #3  
Daytime Running Lamps #4  
Daytime Running Lamps Test  
Front Fog Lamps  
Front Fog Lamps #1  
Front Fog Lamps #2  
Front Fog Lamps #3  
Front Fog Lamps #4  
Front Fog Lamps Test  
High Beam – Flash to Pass Test  
High Beam Flashto Pass  
High Beam Flashto Pass #1  
High Beam Flashto Pass #2  
High Beam Flashto Pass #3  
High Beam Flashto Pass #4  
High Beam Relay  
High Beam Relay #1  
High Beam Relay #2  
High Beam Relay #3  
High Beam Relay Test  
High Low Beam Relay  
High Low Beam Relay #1  
High Low Beam Relay #2  
High Low Beam Relay #3  
High Low Beam Relay #4  
High/Low Beam Relay Test  
Horn Relay  
Horn Relay #1  
Horn Relay #2  
Horn Relay #3  
Horn Relay #4

Horn Relay Test  
Incandescent Dimming  
Incandescent Dimming #1  
Incandescent Dimming #2  
Incandescent Dimming #3  
Incandescent Dimming #4  
Incandescent Dimming Test  
Interior Temp Sensor  
Interior Temp. Sensor Test  
LED Dimming  
LED Dimming #1  
LED Dimming #2  
LED Dimming Test  
Lighting for Theft  
Lighting for Theft #1  
Lighting for Theft #2  
Lighting for Theft #3  
Lighting for Theft #4  
Lighting for Theft Test  
Low Beam Relay  
Low Beam Relay #1  
Low Beam Relay #2  
Low Beam Relay #3  
Low Beam Relay Test  
Low High Beam Output  
Low/High Beam Output Test  
Park Key Lock Relay  
Park Key Lock Relay #1  
Park Key Lock Relay #2  
Park Key Lock Relay #3  
Park Key Lock Relay #4  
Park Key Lock Relay Test  
Parking Lamps Relay  
Parking Lamps Relay #1  
Parking Lamps Relay #2  
Parking Lamps Relay #3  
Parking Lamps Relay #4  
Parking Lamps Relay Test  
Position Lamp Relay  
Position Lamp Relay Test  
Reverse Lockout  
Reverse Lockout Test

## DPM

Clear SOH DTCs  
Column Calibration  
Column For/Rearwards  
Column Telescope Motor  
Column Tilt Motor  
Column Up/Downwards  
Drvr Horizontal Motor Cmd  
Drvr Rear Vert Motor Cmd  
Drvr Recline Motor Command  
Front Vertical Motor  
Go to default exit  
Go to exit 1  
Go to exit 2  
Go to memory 1  
Go to memory 2  
Horizontal Motor  
Learn Column Soft Stop Position

Lumbar Motor (horizontal)  
Lumbar Motor (vertical)  
Memory 1 Recall  
Memory 2 Recall  
Memory Exit 1 Recall  
Memory Exit 2 Recall  
Pedals For/Rearwards  
Rear Vertical Motor  
Recline Foreward Motor  
Recline Forward Motor  
Reset softlimits  
Seat 1 Back For/Rearwards  
Seat 1 Cushion Front Up/Downwards  
Seat 1 Cushion Rear Up/Downwards  
Seat 1 For/Rearwards  
Seat 1 Lumbar For/Rearwards  
Seat 1 Lumbar Up/Downwards  
Seat 2 Lumbar Up/Downwards  
Stop seat and column  
Telescope Motor  
Tilt Motor  
Unlearn Column Soft Stop Position

### DPM/MS

Column For/Rearwards  
Column Up/Downwards  
Learn Column Soft Stop Position  
Pedals For/Rearwards  
Seat 1 Back For/Rearwards  
Seat 1 Cushion Front Up/Downwards  
Seat 1 Cushion Rear Up/Downwards  
Seat 1 For/Rearwards  
Seat 1 Lumbar For/Rearwards  
Seat 1 Lumbar Up/Downwards  
Seat 2 Lumbar Up/Downwards  
Unlearn Column Soft Stop Position

### DRR

Tone Enable 1Khz

### DSCC

Factory Reset

### DSM

Driver Heated Seat  
Driver Seat Heat Back & Cushion  
Driver Seat Heat Back Only  
Driver Seat Heat Disabled  
Front Up Down  
Front Vertical Motor  
Front Vertical Motor Cmd Dir  
Horizontal Motor  
Horz Mtr Cmd Dir  
Lumbar Forward Rearward  
Lumbar Forward/Rearward #1  
Lumbar Forward/Rearward #2  
Lumbar Forward/Rearward #3  
Lumbar Forward/Rearward #4  
Lumbar Horizontal Motor  
Passenger Heated Seat  
Passenger Seat Heat Back & Cushion

Passenger Seat Heat Back Only  
Passenger Seat Heat Disabled  
Pedal Motor  
Pedals Forward Rearward  
Rear Up Down  
Rear Vertical Motor  
Rear Vertical Motor Cmd Dir  
Recline Forward/Rearward  
Recline Motor  
Seat Forward/Rearward  
Seat Heat Zone-Driver Back & Cushion  
Seat Heat Zone-Driver Back Only  
Seat Heat Zone-Driver Disable  
Seat Heat Zone-Passenger Back & Cushion  
Seat Heat Zone-Passenger Back Only  
Seat Heat Zone-Passenger Disable  
Torso Motor  
Torso Motor Inward Outward

### ECC

AC Request  
Air Inlet Door  
Auxiliary Blower Motor  
Auxiliary Mix Door  
Auxiliary Mode Door  
Blower Motor  
Instant OAT Update  
Mix Motor  
Mode Door Position  
Outside Air Mode  
Rear Defogger  
Recirculation Mode

### EGM

Drop Endgate  
Latch Control (for Swing and Drop functions)  
Learn Window Position and VIN  
Program FOB  
Rear Defog  
Rear Wiper  
Rear Wiper Motor  
Relearn Window Position  
Swing Endgate  
Window Motor  
Window Up Down

### FSHCM

Driver Seat Back Heating Command  
Driver Seat Cushion Heating Command  
Left Front Seat Blower Command  
Passenger Seat Back Heating Command  
Passenger Seat Cushion Heating Command  
Right Front Seat Blower Command  
Turn Off all Control Functions Command

### FTC

Clear DPID 12 Data  
Clear DPID 12 Data -Motor 1-A(Pump Motor  
Clear DPID 12 Data -Motor 1-B(Pump Motor  
Clear DPID 12 Data -Motor X  
Clear DPID 12 Data -Motor Y

Clear DPID 12 Data -Valve 1  
Clear DPID 12 Data -Valve 1(Tonneau Open)  
Clear DPID 12 Data -Valve 2  
Clear DPID 12 Data -Valve 2(5Bow Raise)  
Clear DPID 12 Data -Valve 3  
Clear DPID 12 Data -Valve 3(5Bow Lower)  
Clear DPID 12 Data -Valve 4  
Clear DPID 12 Data -Valve 5  
CLEAR SOH DTCS  
CLEAR SOH DTCS -Motor 1-A(Pump Motor Re  
CLEAR SOH DTCS -Motor 1-B(Pump Motor Re  
CLEAR SOH DTCS -Motor X  
CLEAR SOH DTCS -Motor Y  
CLEAR SOH DTCS -Valve 1  
CLEAR SOH DTCS -Valve 1(Tonneau Open)  
CLEAR SOH DTCS -Valve 2  
CLEAR SOH DTCS -Valve 2(5Bow Raise)  
CLEAR SOH DTCS -Valve 3  
CLEAR SOH DTCS -Valve 3(5Bow Lower)  
CLEAR SOH DTCS -Valve 4  
CLEAR SOH DTCS -Valve 5  
Disable Top When Control Switch Depressed  
Ignore Top Control Switch  
Ignore Top Control Switch -Motor 1-A(Pump  
Ignore Top Control Switch -Motor 1-B(Pump  
Ignore Top Control Switch -Motor X  
Ignore Top Control Switch -Motor Y  
Ignore Top Control Switch -Valve 1  
Ignore Top Control Switch -Valve 1(Tonneau  
Ignore Top Control Switch -Valve 2  
Ignore Top Control Switch -Valve 2(5Bow Rai  
Ignore Top Control Switch -Valve 3  
Ignore Top Control Switch -Valve 3(5Bow Lov  
Ignore Top Control Switch -Valve 4  
Ignore Top Control Switch -Valve 5  
Ignore Trunk Status \$578 Message  
Initialize SoftLimits  
Initialize SoftLimits -Motor X  
Initialize SoftLimits -Motor Y  
Initialize SoftLimits -Valve 1  
Initialize SoftLimits -Valve 2  
Initialize SoftLimits -Valve 3  
Initialize SoftLimits -Valve 4  
Initialize SoftLimits -Valve 5  
Motor 1-A (Pump Motor Retract)  
Motor 1-B (Pump Motor Extend)  
Motor X  
Motor Y  
Pump Motor Direction  
Status Folding Top Switch  
Status Pump Motor & Valves  
Top Calibration Mode  
Top Calibration Mode-Motor X  
Top Calibration Mode-Motor Y  
Top Calibration Mode-Valve 1  
Top Calibration Mode-Valve 2  
Top Calibration Mode-Valve 3  
Top Calibration Mode-Valve 4  
Top Calibration Mode-Valve 5  
Valve 1  
Valve 1 (Tonneau Open)

Valve 2  
Valve 2 (5Bow Raise)  
Valve 3  
Valve 3 (5Bow Lower)  
Valve 4  
Valve 5

## HCM

Automatic Headlamp Leveling Sensor Learn  
Headlamp Leveling Motors  
Headlamp Light Distribution Command  
Headlamp Motor  
Headlamp Motor Test  
Headlamps High Intensity Discharge Power Ir  
Left Cornering Lamp Command  
Left Headlamp Horizontal Motor Command  
Left Headlamp Vertical Motor Command  
LH AFL Motor Requested Position  
Motor Control Active  
Motor Steps  
RH AFL Motor Requested Position  
Right Cornering Lamp Command  
Right Headlamp Horizontal Motor Command  
Right Headlamp Vertical Motor Command  
Steering Wheel Angle-Headlamp Motor Left  
Steering Wheel Angle-Headlamp Motor Right

## HUD

AM Icon  
AM Icon #1  
AM Icon #2  
AM Icon #3  
AM Icon Test  
Backlight Dimming  
Cassette Icon  
Cassette Icon #1  
Cassette Icon #2  
Cassette Icon #3  
Cassette Icon Test  
CD Icon  
CD Icon #1  
CD Icon #2  
CD Icon #3  
CD Icon Test  
Check Gauges Lamp  
Check Gauges Lamp #1  
Check Gauges Lamp #2  
Check Gauges Lamp #3  
Check Gauges Lamp Test  
Control HUD Dimming  
Display Dimming Test  
English Metric Status  
English Metric Status #1  
English Metric Status #2  
English Metric Status #3  
English/Metric Status Test  
FM Icon  
FM Icon #1  
FM Icon #2  
FM Icon #3  
FM Icon Test

Grid Test  
Grid Test Test  
High Beam Lamp  
High Beam Lamp #1  
High Beam Lamp #2  
High Beam Lamp #3  
Highbeam Lamp Test  
HUD Dimming  
Illuminate All Indicators  
Info Display Pattern 1 Check  
Left Turn Signal Lamp  
Left Turn Signal Lamp #1  
Left Turn Signal Lamp #2  
Left Turn Signal Lamp #3  
Left Turn Signal Lamp Test  
Low Fuel Lamp  
Low Fuel Lamp #1  
Low Fuel Lamp #2  
Low Fuel Lamp #3  
Low Fuel Lamp Test  
Right Turn Signal Lamp  
Right Turn Signal Lamp #1  
Right Turn Signal Lamp #2  
Right Turn Signal Lamp #3  
Right Turn Signal Lamp Test  
VF Dim  
VF Dim #1  
VF Dim #2  
VF Dim #3  
VF DIM Test

## HVAC

A/C Compressor Speed  
A/C LED  
A/C Permission  
A/C Relay  
A/C Request  
A/M Driver Door Target Opening  
A/M Pass. Door Target Opening  
AC Defrost Solenoid  
AC LED  
AC Led #1  
AC Led #2  
AC Permission  
AC Request  
AC Request #1  
AC Request #2  
AC Request Switch State  
Actuator Number to Override  
AI Door Enable  
Air Down Solenoid  
Air Inlet (Recirc) Actuator Position  
Air Inlet Door  
Air Inlet Door Position  
Air Up Solenoid  
All Display Segments  
All LEDs On  
All Status LED's  
All Status LEDs  
Auto Mode Blower LED  
Auto Mode LED

Aux. Blower Motor PWM  
Aux. Mode Door Position  
Aux. Temp. Door Position  
Auxiliary Air Temp. Door  
Auxiliary Blower Motor  
Auxiliary Blower Motor Level  
Auxiliary Blower Motor PWM  
Auxiliary Mix Door  
Auxiliary Mode Door  
Blower Motor  
Blower Motor #1  
Blower Motor #2  
Blower Motor #3  
Blower Motor #4  
Blower Motor #5  
Blower Motor #6  
Blower Motor Override  
Blower Motor PWM Duty Cycle  
Blower Motor Relay  
Blower Motor Speed  
Blower Output Level  
Blower Relay  
Blower Speed  
Compressor Circuit Check  
Compressor Clutch  
Compressor Performance Check  
Compressor Solenoid Target Current  
Console Door Position  
Defrost Door  
Defrost LED  
Defrost Mode  
Direction Setting  
Display(s) Test  
Dr. Heated Seat Request  
Driver Door Actuator Position  
Driver Heated Seat (if available)  
Driver Heated Seat Indicator  
Driver Heated Seat LED  
Driver Heated Seat Left LED  
Driver Heated Seat Request  
Driver Heated Seat Right LED  
Driver Temp. Door  
Drv (Left) Door Enable  
Drv Htd Seat L LED C67 Only  
Drv Htd Seat R LED C67 Only  
DVT Mode  
Front Auxiliary A/D  
Front Blower Motor PWM  
Front Blower Setting  
Frost Defrost LED  
Frost Sensor  
Heater  
Heater Core Pump  
Heater Mode  
Htr./Def./A/C Door Position  
HVAC Actuator Recal  
HVAC Actuator Recal.  
HVAC Actuator Recalibration  
HVAC Blower  
HVAC Blower Motor Speed  
Ignition Voltage

Inside Air Temp. Fan  
Inside Air Temp. Sensor Fan  
Inside Air Temperature Fan  
Instant OAT Update  
Instant Outside Air Temperature Update  
Instant Outside Ambient Temp. (OAT) Update  
IR Switched Power  
LCD Display  
LED PWM  
Left Mix Motor  
Left Mix Motor #1  
Left Mix Motor #2  
Left Mix Motor #3  
Left Mix Motor #4  
Left Mix Motor #5  
Left Mix Motor #6  
Left Temp Door Position  
Left Temp. Door Position  
Lock Unlock  
Lower Motor  
Mix 1 (Driver/Front) A/D  
Mix 1 (Driver/Front) Actuator Position  
Mix 2 (Passenger) A/D  
Mix 2 (Passenger) Actuator Position  
Mix 3 (Rear) Actuator Position  
Mix Door Motor  
Mix Door Motor Left  
Mix Door Motor Right  
Mix Motor  
Mix Motor #1  
Mix Motor #2  
Mode Door  
Mode 1 Actuator Position  
Mode 1 Door  
Mode 1 Door Position  
Mode 2 Actuator Position  
Mode 2 Door  
Mode 2 Door Position  
Mode A/D  
Mode Actuator Position  
Mode Door  
Mode Door Driver Target Opening  
Mode Door Enable  
Mode Door Position  
Mode Door Position  
Mode Door Position  
Mode Door Rear Target Opening  
Mode Motor Override  
Mode Motor Position  
Mute Mode  
OSA/REC Door Position  
Outside Air LED  
Outside Air Led 210/230 Only  
Outside Air Mode  
Outside Ambient Temperature (OAT)  
Park Brake Release  
Pass (Right) Door Enable  
Pass Htd Seat L LED C67 Only  
Pass Htd Seat R LED C67 Only  
Pass. Heated Seat LED  
Passenger Door Actuator Position  
Passenger Heated Seat (if available)

Passenger Heated Seat Indicator  
Passenger Heated Seat LED  
Passenger Heated Seat Left LED  
Passenger Heated Seat Request  
Passenger Heated Seat Right LED  
Passenger Temp. Door  
Power Down Now  
Prepare for Ship  
Psgr. Heated Seat LED  
Rear Actuator Position  
Rear Defog  
Rear Defog LED  
Rear Defog Request  
Rear Defogger  
Rear Defogger #1  
Rear Defogger #2  
Rear Defogger #3  
Rear Defogger #4  
Rear Defrost  
Rear Defrost LED  
Rear Defrost Request Switch State  
Rear Mode Actuator Position  
Rear PWM Blower Drive  
Rear Wiper  
Recalibrate All Motors  
Recalibration for Feedback Motors  
Recirc LED  
Recirc. LED  
Recirculation Door  
Recirculation Door Motor Override  
Recirculation Mode  
Recirculation Motor Position  
Recirculation Solenoid  
Reset Data Block \$A0  
Right Mix Motor  
Right Mix Motor #1  
Right Mix Motor #2  
Right Mix Motor #3  
Right Mix Motor #4  
Right Mix Motor #5  
Right Mix Motor #6  
Right Temp Door Position  
Right Temp. Door Position  
Second Head LED Driver  
Segment Check  
Select Solenoid 1  
Select Solenoid 1 #1  
Select Solenoid 1 #2  
Select Solenoid 2  
Select Solenoid 2 #1  
Select Solenoid 2 #2  
Select Solenoid 3  
Select Solenoid 3 #1  
Select Solenoid 3 #2  
Select Solenoid 4  
Select Solenoid 4 #1  
Select Solenoid 4 #2  
Select Solenoid 5  
Select Solenoid 5 #1  
Select Solenoid 5 #2  
Service Mode State

Shutdown  
Sleep Request  
Sol 1 Defroster  
Sol 1 Defroster #1  
Sol 1 Defroster #2  
Sol 2 Heater  
Sol 2 Heater #1  
Sol 2 Heater #2  
Sol 3 Defrost Heater  
Sol 3 Defrost Heater #1  
Sol 3 Defrost Heater #2  
Sol 4 Air Inlet  
Sol 4 Air Inlet #1  
Sol 4 Air Inlet #2  
Sol 5 AC Mode  
Sol 5 AC Mode #1  
Sol 5 AC Mode #2  
Temp Door Position  
Temp Motor Override  
Temp. Door  
Temp. Door Position  
Temperature Door  
Update Air Temperature  
Upper Motor  
Vent Mode  
Water Pump Control  
Water Pump Control (STS and STS-V8) Rear D  
Water Valve Request

## IPC

1(st)  
1st  
1st #1  
1st #2  
1st #3  
1st #4  
2(nd)  
2nd  
2nd #1  
2nd #2  
2nd #3  
2nd #4  
3(rd)  
3rd  
3rd #1  
3rd #2  
3rd #3  
3rd #4  
4(th)  
4WD Indicator  
ABS  
ABS Indication  
ABS Lamp  
ABS Lamp #1  
ABS Lamp #2  
ABS Lamp #3  
ABS Lamp #4  
ABS Lamp #5  
ABS Lamp #6  
ABS TT  
Accessory LED



Accessory Relay  
Air Bag  
AIR BAG Indication  
Air Bag Lamp #1  
Air Bag Lamp #2  
Air Bag Lamp #3  
Air Bag TT  
Airbag Lamp  
ALC Headlamps  
ALC Parking Lamps  
All Gauge Sweep Test  
All Indicators  
All Tell Tales Displayed  
Alternator Lamp  
Alternator Lamp Test  
Amber telltales  
Back Lighting  
Backlighting Intensity  
BASS Learn Home Position  
BASS Short Detect  
BATT CHARGE Indication  
Battery  
Battery Gauge  
Blue Lagoon  
Blue telltale  
Blue Tooth  
Boost Gauge  
Brake  
Brake Lamp  
Brake Lamp #1  
Brake Lamp #2  
Brake Lamp #3  
Brake Lamp #4  
Brake Lamp #5  
Brake Lamp #6  
Brake Light Signal  
Brake Light Signal (BLS)  
Brake TT  
BTIS ACTIVE OUTPUT  
CAN Bus Configuration Learn  
Cargo Lamp On Indicator  
Center LCD Test  
Change Oil Lamp  
Check Eng Oil Lvl Indicator  
Check Gauges Lamp  
Check Gauges Lamp #1  
Check Gauges Lamp #2  
Check Gauges Lamp #3  
Check Gauges Lamp #4  
Check Gauges Lamp #5  
Check Gauges Lamp #6  
Chime  
Chime Control  
Chime Fast  
Chime Fast #1  
Chime Fast #2  
Chime Fast #3  
Chime Fast #4  
Chime Fast #5  
Chime Fast #6  
Chime Medium

Chime Medium #1  
Chime Medium #2  
Chime Medium #3  
Chime Medium #4  
Chime Medium #5  
Chime Medium #6  
Chime Slow  
Chime Slow #1  
Chime Slow #2  
Chime Slow #3  
Chime Slow #4  
Chime Slow #5  
Chime Slow #6  
Cigar Lighter Relay  
Cluster Dimming  
Column Lock Enable Relay  
Column Lock Relay  
Coolant Gauge Sweep  
Coolant Gauge Sweep #1  
Coolant Gauge Sweep #2  
Coolant Gauge Sweep #3  
Coolant Gauge Sweep #4  
Coolant Gauge Sweep Test  
Coolant Gauge Sweep Test #1  
Coolant Gauge Sweep Test #2  
Coolant Gauge Sweep Test #3  
Coolant Gauge Sweep Test #4  
Coolant Gauge Sweep Test #5  
Coolant Gauge Sweep Test #6  
Coolant Temp Gauge  
Coolant Temp. Gauge Angle 5 sec.  
Cruise  
Cruise Control  
CRUISE Indication  
Daytime Running Lamps  
Deice Enable  
De-Ice Enable Test  
DIC  
DIC All Segments Test  
DIC Odometer  
DIC Self Check Test  
Dimmable Telltale Intensity  
Dimming  
Dimming Control  
Dimming Intensity  
Display Test  
Display(s) Test  
Display(s) Test #1  
Display(s) Test #2  
Display(s) Test #3  
Display(s) Test #4  
Displays Test  
Door Ajar  
Door Backlight Test  
Door Lock Unlock  
Drive  
Drive #1  
Drive #2  
Drive #3  
Drive #4  
Driver Door Unlock

Driver Information Center Dimming  
Driver Information Center Options  
Driver Information Center Segments  
Driver Seatbelt Lamp  
DRL TT  
Dual Wire CAN Comm  
EBD Indication  
ECM/TCM Comm  
Engine Coolant Temp  
Engine Coolant Temperature  
Engine Hot Lamp  
Engine Hot Lamp #1  
Engine Hot Lamp #2  
Engine Hot Lamp #3  
Engine Hot Lamp #4  
Engine Hot TT  
Engine Oil Pressure Indication  
Fasten Belts  
Fog Lamp  
Front Fog Lamp Relay  
Front Fog Lamps  
Front Foglamp Relay  
Fuel Gauge  
Fuel Gauge Angle 5 sec.  
Fuel Gauge Sweep  
Fuel Gauge Sweep #1  
Fuel Gauge Sweep #2  
Fuel Gauge Sweep #3  
Fuel Gauge Sweep #4  
Fuel Gauge Sweep Test  
Fuel Gauge Sweep Test #1  
Fuel Gauge Sweep Test #2  
Fuel Gauge Sweep Test #3  
Fuel Gauge Sweep Test #4  
Fuel Gauge Sweep Test #5  
Fuel Gauge Sweep Test #6  
Fuel Level  
Gauge Filtering  
Gauge Sweep Test  
Gen L Terminal  
Graphics Intensity  
Green telltales  
Halo Light Duty Cycle  
Headlamp Washer Relay  
High Beam  
High Beam Lamp  
High Beam Lamp #1  
High Beam Lamp #2  
High Beam Lamp #3  
High Beam Lamp #4  
High Beam Relay  
High Beam TT  
High Beams  
High Coolant Temp.  
HOLD\_MODE Indication  
Horn  
Horn Relay  
Hot Coolant Temp  
Idle Boost Level 1  
Idle Boost Level 2  
Idle Boost Level 3

Ignition Switch LED Feed	mph Lamp #1	Rear Access Panel Lock Relay
Ignition Switch LED Power	mph Lamp #2	Rear Fog Lamps
Inadvertent Power	mph Lamp #3	Rear Gate/Cargo Door Ajar
Incand. Dim 1	mph Lamp #4	Reduced Engine Power
Incand. Dim 2	mph Lamp #5	Remote PRNDL Dimming Output
Incandescent Dimming	mph Lamp #6	Reverse
Incandescent Dimming 1	N(eutral)	Reverse #1
Incandescent Dimming 2	Neutral	Reverse #2
Incandescent Dimming Duty Cycle	Neutral #1	Reverse #3
Indicator Test	Neutral #2	Reverse #4
Instrument Cluster Dimming	Neutral #3	Right LCD Test
Instrument Cluster Gage Sweep	Neutral #4	Right Turn
Interior Lamps	Night Panel Mode	Right Turn Signal
IPC Gauge Sweep Test	Off LED	RS/RUN/CRANK Relay
KEY REMIND OUTPUT	Oil Gauge Sweep	Run Relay
KM/H Lamp	Oil Gauge Sweep Test	Seat Belt
KMH	Oil Gauge Sweep Test #1	Seat Belt Lamp
Kmh Lamp	Oil Gauge Sweep Test #2	Seat Belt Lamp #1
Kmh Lamp #1	Oil Gauge Sweep Test #3	Seat Belt Lamp #2
Kmh Lamp #2	Oil Gauge Sweep Test #4	Seat Belt Lamp #3
Kmh Lamp #3	Oil Gauge Sweep Test #5	Seat Belt Lamp #4
Kmh Lamp #4	Oil Gauge Sweep Test #6	Seat Belt TT
Kmh Lamp #5	Oil Life	SEATBELT CHIME OUTPUT
Kmh Lamp #6	Oil Press. TT	SEATBELT Indication
Lamp and Gauge Check	Oil Pressure Gauge	Security
Lamp Test	Oil Pressure Gauge Angle 5 sec.	Security Lamp
LCD Display	Oil Pressure Lamp	Security Lamp #1
LCD Display Intensity	Oil Pressure Lamp #1	Security Lamp #2
LED Dimming	Oil Pressure Lamp #2	Security Lamp #3
LED Dimming Duty Cycle	Oil Pressure Lamp #3	Security Lamp #4
Left Turn	Oil Pressure Lamp #4	Security Lamp #5
Left Turn Signal	OIL_CHANGE_SOON	Security Lamp #6
Load Shed Level 1	Overspeed Lamp	Segment / Telltale Check
Load Shed Level 2	P(ark)	Segment / Telltale Check , PSIR ON and OFF
Load Shed Level 3	Park	Segment Check
Lock All Doors	Park #1	Segment/Telltale Check
Low Beam Relay	Park #2	SEGMENT_CHECK
Low Brake Fluid	Park #3	Service 4WD Lamp
Low Coolant	Park #4	Service 4WD Lamp #1
Low Coolant TT	Park Gear Home Switch Feed	Service 4WD Lamp #2
Low Fuel	Park#1	Service 4WD Lamp #3
Low Fuel Lamp	Parking Lamps Relay	Service 4WD Lamp #4
Low Fuel Lamp #1	Parklamp Relay	Service AWD
Low Fuel Lamp #2	PAS_OFF_OUTPUT	Service Throttle Soon
Low Fuel Lamp #3	PAS_ON_OUTPUT	Service Vehicle Soon
Low Fuel Lamp #4	Passenger Seatbelt Indicator Output	SIL INDICATION
Low Fuel TT	Passenger Seatbelt Lamp	Smart Beam
Low Oil Level	Passengers Seatbelt Output	Smart Beam Enable
Low Oil Pressure	Passlock Power	Spare 1
Low Tire Pressure	Pin J1-07	Spare 2
Low Trac TT	Pin J2-08	Spare 3
Low Traction	Pointer Intensity	Spare TT
Low Washer Fluid	Pointer Lighting	Speed Gauge Sweep
Main Gauge Tick marks	Power Mode Indicator	Speed Gauge Sweep Test
MFD Illumination	PRNDL	Speed Gauge Sweep Test #1
Mirror Fold	PRNDL Display	Speed Gauge Sweep Test #2
Mirror Heat	PSIR OFF Indicator Output	Speed Gauge Sweep Test #3
Mirror Left Right	PSIR ON Indicator Output	Speed Gauge Sweep Test #4
Mirror Up Down	PSIR ON/OFF output	Speed Gauge Sweep Test #5
MPH	PSIR PWM output	Speed Gauge Sweep Test #6
mph Lamp	R(everse)	Speedometer

Speedometer Dial Illumination  
Speedometer Gauge Angle 5 sec.  
Speedometer Gauge Sweep  
Speedometer Gauge Sweep #1  
Speedometer Gauge Sweep #2  
Speedometer Gauge Sweep #3  
Speedometer Gauge Sweep #4  
Speedometer Gauge Sweep Test  
Speedometer Pointer Illumination  
Start LED  
Starter Enable  
Step Dimmable Telltale Intensity  
Step-Dimmable Telltale (highbeam)  
SVS TT  
Switch Dimming  
Switch Dimming Test  
Switch Dimming Test #1  
Switch Dimming Test #2  
Switch Dimming Test #3  
Switch Dimming Test #4  
Switch Dimming Test #5  
Switch Dimming Test #6  
Tach Gauge Sweep Test  
Tach Gauge Sweep Test #1  
Tach Gauge Sweep Test #2  
Tach Gauge Sweep Test #3  
Tach Gauge Sweep Test #4  
Tach Gauge Sweep Test #5  
Tach Gauge Sweep Test #6  
Tachometer  
Tachometer Dial Illumination  
Tachometer Gauge Angle 5 sec.  
Tachometer Gauge Sweep  
Tachometer Gauge Sweep #1  
Tachometer Gauge Sweep #2  
Tachometer Gauge Sweep #3  
Tachometer Gauge Sweep #4  
Tachometer Gauge Sweep Test  
Tachometer Pointer Illumination  
Telltale Control  
Telltals  
Telltals / PRNDM/Tracer/ Intensity  
Temp Gauge  
Temperature Gauge  
TPMS FOR ENG RUN OUTPUT  
TPMS Indication  
Trac Off TT  
Traction Lamp  
Traction Lamp #1  
Traction Lamp #2  
Traction Lamp #3  
Traction Lamp #4  
Traction Lamp #5  
Traction Lamp #6  
Traction Off  
Trans Fluid Hot  
Trans. Temp.  
Trans. Upshift TT  
Trunk Ajar TT  
Trunk Release  
Turn On Tow/Haul Telltale

Unlock All Doors  
Up Shift  
Upshift Lamp  
Upshift Lamp #1  
Upshift Lamp #2  
Upshift Lamp #3  
Upshift Lamp #4  
VDC  
Vehicle Speed  
VF Display Intensity and PRNDL  
Volt Gauge Angle 5 sec.  
Voltage  
Volts  
Volts Gauge Sweep  
Volts Gauge Sweep Test  
Volts Gauge Sweep Test #1  
Volts Gauge Sweep Test #2  
Volts Gauge Sweep Test #3  
Volts Gauge Sweep Test #4  
Volts Gauge Sweep Test #5  
Volts Gauge Sweep Test #6  
Volts Lamp  
Volts Lamp #1  
Volts Lamp #2  
Volts Lamp #3  
Volts Lamp #4  
Volts TT  
Window Up Down

### IPM

AC Request  
Air Inlet Door Position  
Air Inlet Door Position #1  
Air Inlet Door Position #2  
Air Inlet Door Position #3  
Blower Motor  
Blower Motor #1  
Blower Motor #2  
Blower Motor #3  
Htr./Def./A/C Door Position  
Htr./Def./A/C Door Position #1  
Htr./Def./A/C Door Position #2  
Htr./Def./A/C Door Position #3  
Instant OAT Update  
Instant OAT Update #1  
Instant OAT Update #2  
Instant OAT Update #3  
Key Light(Halo)  
Key Light(Halo) #1  
Key Light(Halo) #2  
Key Light(Halo) #3  
Left Temp Door Position  
Left Temp Door Position #1  
Left Temp Door Position #2  
Left Temp Door Position #3  
Re Learn Control Panel Type  
Re Learn Control Panel Type #1  
Re Learn Control Panel Type #2  
Re Learn Control Panel Type #3  
Recalibrate All Motors  
Recalibrate All Motors #1

Recalibrate All Motors #2  
Recalibrate All Motors #3  
Right Temp Door Position  
Right Temp Door Position #1  
Right Temp Door Position #2  
Right Temp Door Position #3

### IRC

AF Switching  
Antenna  
Antenna (SW12V Out)  
Audio Source  
Balance  
Balance Test  
Balance Test #1  
Balance Test #2  
Balance Test #3  
Balance Test #4  
Balance Test #5  
Balance Test #6  
Band Number  
Bass  
Bose Amplifier  
Center Speaker  
Chime  
Chime Tone 1  
Chime Tone 2  
Chime Tone 3  
Cycle Speakers  
DDL  
Display Check  
Dolby  
Fade  
Fade Test #1  
Fade Test #2  
Fade Test #3  
Fade Test #4  
Fade Test #5  
Fade Test #6  
FAN  
Frequency  
Internal Amplifier  
Left Front Midrange  
Left Front Speaker  
Left Front Speaker #1  
Left Front Speaker #2  
Left Front Speaker #3  
Left Front Speaker Test  
Left Front Tweeter  
Left Rear Midrange  
Left Rear Speaker  
Left Rear Speaker #1  
Left Rear Speaker #2  
Left Rear Speaker #3  
Left Rear Speaker Test  
Left Rear Subwoofer  
Left Rear Tweeter  
LF Speaker Test  
LR Speaker Test  
Mid EQ  
Normal Amplifier

Power Control  
Preset Store  
Radio Power  
Remote Amplifier (Supported by GMX381 On  
RF Speaker Test  
Right Front Midrange  
Right Front Speaker  
Right Front Speaker #1  
Right Front Speaker #2  
Right Front Speaker #3  
Right Front Speaker Test  
Right Front Tweeter  
Right Rear Midrange  
Right Rear Speaker  
Right Rear Speaker #1  
Right Rear Speaker #2  
Right Rear Speaker #3  
Right Rear Speaker Test  
Right Rear Subwoofer  
Right Rear Tweeter  
RR Speaker Test  
RSA  
Source  
Switch Input  
Tone Generator  
Treble  
Volume

## LGM

Door Motor (Lock & Unlock)  
Lift Gate Lock/Unlock  
Liftgate  
Lock Unlock  
Program All Key Fobs  
Program Fobs  
Rear Defog  
Rear Wiper  
Rear Wiper Motor

## LHLM

Left Headlight  
Right Headlight

## LMDM

Door Lock Unlock  
Switch Dimming Feed  
Window Express Down  
Window Peak Detect Discharge  
Window Up Down

## LPSDM

Deadbolt Motor  
Deadbolt Motor Lock  
Deadbolt Motor Unlock  
Express Up – Low Speed Output  
Express Up Low Speed Output  
Heated Seat LED - Heat (GMX 270 only)  
Heated Seat LED-Back only (GMX 270 only)  
Heated Seat LED-High (GMX 270 only)  
Heated Seat LED-Low (GMX 270 only)  
Heated Seat LED-Medium (GMX 270 only)

Heated Seat Mode (LRD / RRD) , Heated Seat  
Heated Seat Mode (LRD / RRD), Heated Seat  
Heated Seat Temp (LRD / RRD) , CCS PWM O  
Heated Seat Temp (LRD / RRD), Front - CCS P  
Lock Motor  
Lock Motor Lock  
Lock Motor Unlock  
Power Sliding Door  
Switch Dimming Feed  
Switch Dimming Feed Duty Cycle  
Window Motor  
Window Motor – Express  
Window Motor Down  
Window Motor Express Down  
Window Motor Express Up  
Window Motor Up  
Window Peak Detect Discharge

## LRDM

Deadbolt Motor  
Deadbolt Motor Lock  
Deadbolt Motor Unlock  
Door Lock Motors  
Door Lock Motors Active Kind  
Door Lock Unlock  
Door Lock Unlock #1  
Door Lock Unlock #2  
Door Lock Unlock #3  
Door Lock Unlock #4  
Door Switch Backlight  
Express Up – Low Speed Output  
Express Up Low Speed Output  
Heated Seat LED - Heat (GMX 270 only)  
Heated Seat LED-Back only (GMX 270 only)  
Heated Seat LED-Heat (GMX 270 only)  
Heated Seat LED-High (GMX 270 only)  
Heated Seat LED-Low (GMX 270 only)  
Heated Seat LED-Medium (GMX 270 only)  
Heated Seat LEDs  
Heated Seat Mode  
Heated Seat Mode (LRD / RRD) - Not used on  
Heated Seat Mode (LRD / RRD) – Not used or  
Heated Seat Mode (LRD / RRD) , Heated Seat  
Heated Seat Mode (LRD / RRD), Heated Seat  
Heated Seat Temp  
Heated Seat Temp (LRD / RRD) - Not used on  
Heated Seat Temp (LRD / RRD) – Not used on  
Heated Seat Temp (LRD / RRD) , CCS PWM O  
Heated Seat Temp (LRD / RRD), Front - CCS P  
Left Rear Door Lock/Unlock  
Left Rear Door Lock/Unlock #1  
Left Rear Door Lock/Unlock #2  
Left Rear Door Lock/Unlock #3  
Lock Motor  
Lock Motor Lock  
Lock Motor Unlock  
Switch Dimming Feed  
Switch Dimming Feed #1  
Switch Dimming Feed #2  
Switch Dimming Feed #3  
Switch Dimming Feed #4

Switch Dimming Feed Duty Cycle  
Window Express Down  
Window Express Down #1  
Window Express Down #2  
Window Express Down #3  
Window Express Down #4  
Window Motor  
Window Motor – Express  
Window Motor - Express Down  
Window Motor Down  
Window Motor Express Down  
Window Motor Express Up  
Window Motor Move Kind  
Window Motor Up  
Window Peak Detect Discharge  
Window Peak Detect Discharge #1  
Window Peak Detect Discharge #2  
Window Peak Detect Discharge #3  
Window Peak Detect Discharge #4  
Window Up Down  
Window Up Down #1  
Window Up Down #2  
Window Up Down #3  
Window Up Down #4

## LSODM

Alert Present  
Cleaning Required  
Force Alert Indication  
Force Cleaning Indication  
Force Service Indication  
Needs Service  
Object Detection Alert Indicators

## MAM

Amplitude Profile  
Cadence  
Chime on  
Chime Test  
Cycle Through  
Frequency

## MFAM

Chime Test

## MMM

Driver Mirror Down  
Driver Mirror Left  
Driver Mirror Right  
Driver Mirror Up  
Mirror Left Right  
Mirror Relearn  
Mirror Up Down  
Passenger Mirror Down  
Passenger Mirror Left  
Passenger Mirror Right  
Passenger Mirror Up

## MPIM

CAN Bus Configuration Learn Command

## MSM

Adjustable Pedal Calibration  
 Belt Tower or Adjustable Pedals Motor  
 Belt Tower Up Down  
 Belt Tower and Headrest Up Dn  
 Column For/Rearwards  
 Column Up/Downwards  
 Exit 1  
 Exit 1 #1  
 Exit 1 #2  
 Exit 1 #3  
 Exit 1 #4  
 Exit 2  
 Exit 2 #1  
 Exit 2 #2  
 Exit 2 #3  
 Exit 2 #4  
 Front Down  
 Front Down #1  
 Front Down #2  
 Front Down #3  
 Front Down #4  
 Front Down #5  
 Front Down #6  
 Front Down and Seat Back  
 Front Down & Seat Reverse  
 Front Up  
 Front Up #1  
 Front Up #2  
 Front Up #3  
 Front Up #4  
 Front Up #5  
 Front Up #6  
 Front Up and Seat Forward  
 Front Up Down  
 Front Up Down #1  
 Front Up Down #2  
 Front Up Down #3  
 Front Up Down #4  
 Front Up/Down  
 Front Vertical Motor  
 Headrest Up/Down  
 Horizontal Motor  
 Learn Column Soft Stop Position  
 Lumbar (Forward/Rearward)  
 Lumbar (Up/Down)  
 Lumbar Down & Lumbar Back  
 Lumbar Forward  
 Lumbar Forward Rearward  
 Lumbar Forward Rearward #1  
 Lumbar Forward Rearward #2  
 Lumbar Forward Rearward #3  
 Lumbar Forward/Rearward  
 Lumbar Forward/Rearward #1  
 Lumbar Forward/Rearward #2  
 Lumbar Motor (horizontal)  
 Lumbar Motor (vertical)  
 Lumbar Up  
 Lumbar Up Down  
 Lumbar Up Down #1  
 Lumbar Up Down #2  
 Lumbar Up/Down

Memory 1  
 Memory 1 #1  
 Memory 1 #2  
 Memory 1 #3  
 Memory 1 #4  
 Memory 2  
 Memory 2 #1  
 Memory 2 #2  
 Memory 2 #3  
 Memory 2 #4  
 Mirror Left Right  
 Mirror Up Down  
 Pedals For/Rearwards  
 Pedals Forward Rearward  
 Rear Down  
 Rear Down #1  
 Rear Down #2  
 Rear Down #3  
 Rear Down #4  
 Rear Down #5  
 Rear Down #6  
 Rear Down & Recline Back  
 Rear Up  
 Rear Up #1  
 Rear Up #2  
 Rear Up #3  
 Rear Up #4  
 Rear Up #5  
 Rear Up #6  
 Rear Up and Recline Forward  
 Rear Up Down  
 Rear Up Down #1  
 Rear Up Down #2  
 Rear Up Down #3  
 Rear Up Down #4  
 Rear Up/Down  
 Rear Vertical Motor  
 Recline (Forward/Rearward)  
 Recline Backward  
 Recline Forward  
 Recline Forward Motor  
 Recline Forward/Rearward  
 Recline Forward/Rearward #1  
 Recline Forward/Rearward #2  
 Recline Forward/Rearward #3  
 Recline Forward/Rearward #4  
 Seat (Forward/Rearward)  
 Seat 1 Back For/Rearwards  
 Seat 1 Cushion Front Up/Downwards  
 Seat 1 Cushion Rear Up/Downwards  
 Seat 1 For/Rearwards  
 Seat 1 Lumbar For/Rearwards  
 Seat 1 Lumbar Up/Downwards  
 Seat 2 Lumbar Up/Downwards  
 Seat Forward  
 Seat Forward #1  
 Seat Forward #2  
 Seat Forward #3  
 Seat Forward #4  
 Seat Forward #5  
 Seat Forward #6

Seat Forward/Rearward  
 Seat Forward/Rearward #1  
 Seat Forward/Rearward #2  
 Seat Forward/Rearward #3  
 Seat Forward/Rearward #4  
 Seat Front  
 Seat Rear  
 Seat Reverse  
 Seat Reverse #1  
 Seat Reverse #2  
 Seat Reverse #3  
 Seat Reverse #4  
 Seat Reverse #5  
 Seat Reverse #6  
 Telescope Motor  
 Tilt Motor  
 Unlearn Column Soft Stop Position

**MSM/DP**

Seat 1 Back For/Rearwards  
 Seat 1 Cushion Front Up/Downwards  
 Seat 1 Cushion Rear Up/Downwards  
 Seat 1 For/Rearwards  
 Seat 1 Lumbar For/Rearwards  
 Seat 1 Lumbar Up/Downwards  
 Seat 2 Lumbar Up/Downwards

**NR**

Antenna  
 Bluetooth  
 Center I/P Speaker (If available)  
 CLEAR ALL CLASS 2 DEVICE CONTROL  
 DVDx Ship Mode  
 Left Front Speaker  
 Left Front Speaker Test  
 Left Front Tweeter  
 Left Rear – Left (Surround) D-Pillar (If available)  
 Left Rear Speaker  
 Left Rear Speaker Test  
 Operation Mode Select  
 Right Front Speaker  
 Right Front Speaker Test  
 Right Front Tweeter  
 Right Rear – Right (Surround) D-Pillar (If available)  
 Right Rear Speaker  
 Right Rear Speaker Test  
 Software Initialize

**NRC**

Antenna  
 Bluetooth  
 Center I/P Speaker (If available)  
 DVDx Ship Mode  
 Left Front Speaker  
 Left Front Tweeter  
 Left Rear – Left (Surround) D-Pillar (If available)  
 Left Rear Speaker  
 Operation Mode Select  
 Right Front Speaker  
 Right Front Tweeter  
 Right Rear – Right (Surround) D-Pillar (If available)

*This list is provided for informational purposes and demonstrates the capabilities of the Ottotest software only.  
 This list is provided AS IS and Blue Streak Electronics does not guarantee the availability of any of the listed items during software use.  
 Blue Streak Electronics reserves the right to alter this list at any time with no notice to you.*

Right Rear Speaker  
Software Initialize

## Onstar

Backup Lamps  
Daytime Running Lamps  
Dimming  
Green LED  
Green LED #1  
Green LED #2  
Green LED #3  
Headlamp Washer Relay  
Horn  
Inadvertent Power  
Left Rear Window  
Parking Lamps  
Phone Call Test  
Phone Call Test #1  
Phone Call Test #2  
Phone Call Test #3  
Power Down Now  
Rear Door Lock Unlock  
Red LED  
Red LED #1  
Red LED #2  
Red LED #3  
Right Rear Window

## PAL

CLEAR ALL CLASS 2 DEVICE CONTROL  
configure the PAL Module with vehicle radio  
Digital Radio Receiver  
Disable XM Network  
Enable Detect of XM Presence on each startu  
Navigation Radio with Digital Radio Receiver  
Radio with Digital Radio Receiver

## Passlock

Security Lamp

## PDM

Back Only Indicator  
Deadbolt Motor Lock  
Deadbolt Motor Unlock  
Door Backlight Test  
Door Backlight Test #1  
Door Backlight Test #2  
Door Backlight Test #3  
Door Backlight Test #4  
Door Backlight Test #5  
Door Backlight Test #6  
Door Deadbolt Lock/Unlock  
Door Lock Unlock  
Door Lock Unlock #1  
Door Lock Unlock #2  
Door Lock Unlock #3  
Door Lock Unlock #4  
Door Motor (Lock/ Unlock)  
Door Motor (Lock/Unlock)  
Door Switch Backlight  
Driver & Passenger Deadbolt Lock

Driver & Passenger Deadbolt Unlock  
Driver & Passenger Extend Mirror  
Driver & Passenger Retract Mirror  
Express Up Low Speed Output  
Exterior Courtesy Lamp  
Front Psgr Window Motor  
Heated Mirror  
Heated Seat Indicator Back-Only  
Heated Seat Indicator Cushion/ Back  
Heated Seat Indicator HIGH  
Heated Seat Indicator LOW  
Heated Seat Indicator MEDIUM  
Heated Seat LED - Heat (GMX 270 only)  
Heated Seat LED-Back only (GMX 270 only)  
Heated Seat LED-Heat (GMX 270 only)  
Heated Seat LED-High (GMX 270 only)  
Heated Seat LED-Low (GMX 270 only)  
Heated Seat LED-Medium (GMX 270 only)  
Heated Seat LEDs  
Heated Seat Mode  
Heated Seat Mode (LRD / RRD) - Not used on  
Heated Seat Mode (LRD / RRD) – Not used or  
Heated Seat Mode (LRD / RRD) , Heated Seat  
Heated Seat Temp  
Heated Seat Temp (LRD / RRD) - Not used on  
Heated Seat Temp (LRD / RRD) – Not used on  
Heated Seat Temp (LRD / RRD) , CCS PWM On  
High Heat Indicator  
Indicator Dimming Illumination  
Indicator Dimming Select  
Indicator Test  
Indicator Test #1  
Indicator Test #2  
Lock Motor  
Lock Motor Lock  
Lock Motor Unlock  
Lock Switch Indicator  
Low Heat Indicator  
Medium Heat Indicator  
Mirror Curb View  
Mirror Curb View #1  
Mirror Curb View #2  
Mirror Curb View #3  
Mirror Curb View #4  
Mirror Down  
Mirror Down #1  
Mirror Down #2  
Mirror Down #3  
Mirror Down #4  
Mirror Down #5  
Mirror Down #6  
Mirror Fold  
Mirror Fold #1  
Mirror Fold #2  
Mirror Fold #3  
Mirror Fold #4  
Mirror Fold In (Retract)  
Mirror Fold Out (Extend)  
Mirror Heat  
Mirror Heat #1  
Mirror Heat #2

Mirror Heat #3  
Mirror Heat #4  
Mirror Heat Control Parameter  
Mirror Heater  
Mirror Heater #1  
Mirror Heater #2  
Mirror Heater #3  
Mirror Heater #4  
Mirror Heater #5  
Mirror Heater #6  
Mirror Left  
Mirror Left #1  
Mirror Left #2  
Mirror Left #3  
Mirror Left #4  
Mirror Left #5  
Mirror Left #6  
Mirror Left Right  
Mirror Left Right #1  
Mirror Left Right #2  
Mirror Left Right #3  
Mirror Left Right #4  
Mirror Motor  
Mirror Motor Fold In (Retract)  
Mirror Motor Fold Out (Extend)  
Mirror Motor Horizontal  
Mirror Motor Horizontal Left  
Mirror Motor Horizontal Right  
Mirror Motor Movement  
Mirror Motor Vertical  
Mirror Motor Vertical Down  
Mirror Motor Vertical Up  
Mirror Right  
Mirror Right #1  
Mirror Right #2  
Mirror Right #3  
Mirror Right #4  
Mirror Right #5  
Mirror Right #6  
Mirror Up  
Mirror Up #1  
Mirror Up #2  
Mirror Up #3  
Mirror Up #4  
Mirror Up #5  
Mirror Up #6  
Mirror Up Down  
Mirror Up Down #1  
Mirror Up Down #2  
Mirror Up Down #3  
Mirror Up Down #4  
Pass Door Lock/Unlock  
Pass Door Lock/Unlock #1  
Pass Door Lock/Unlock #2  
Pass Door Lock/Unlock #3  
Passenger Lock  
Passenger Lock #1  
Passenger Lock #2  
Passenger Lock #3  
Passenger Lock #4  
Passenger Lock #5

Passenger Lock #6  
Passenger Window  
Passenger Window #1  
Passenger Window #2  
Passenger Window #3  
Passenger Window #4  
Passenger Window #5  
Passenger Window #6  
Program FOB  
Psg Mirror Horizontal Motor  
Psg Mirror Vertical Motor  
Puddle Lamp  
Puddle Lamps #1  
Puddle Lamps #2  
Puddle Lamps #3  
Puddle Lamps #4  
RF Latch Solenoid  
Seat Switch Backlighting  
Switch Dimming Feed  
Switch Dimming Feed #1  
Switch Dimming Feed #2  
Switch Dimming Feed #3  
Switch Dimming Feed #4  
Switch Dimming Feed Duty Cycle  
Vent Cool Indicator  
Window Down  
Window Express Down  
Window Express Down #1  
Window Express Down #2  
Window Express Down #3  
Window Express Down #4  
Window Motor  
Window Motor - Express Down  
Window Motor Down  
Window Motor Express Down  
Window Motor Express Up  
Window Motor Up  
Window Peak Detect Discharge  
Window Peak Detect Discharge #1  
Window Peak Detect Discharge #2  
Window Peak Detect Discharge #3  
Window Peak Detect Discharge #4  
Window Switch Backlighting  
Window Up  
Window Up Down  
Window Up Down #1  
Window Up Down #2  
Window Up Down #3  
Window Up Down #4  
Window/Door Lock Switch Backlighting  
Window/Doorlock Backlighting

## PDS

Door Lock  
Door Lock On/Off  
Front Window  
Front Window Motor  
Integrated Sw. Backlighting Test  
Mirror  
Mirror Fold  
Mirror Heater

Non-Integrated Backlighting Test  
Rear Window

## PPS

CLEAR ALL CLASS 2 DEVICE CONTROL  
Left Front Speaker  
Left Rear Speaker  
Module Setup  
Right Front Speaker  
Right Rear Speaker

## PRM

Open/Close Roof  
Power Roof PWM Control  
Reset Data  
Roof Close Relay  
Roof Open Relay  
Start Learn Run

## RACM

Air Temperature  
Blower Motor PWM Duty Cycle  
Blower Motor Test  
Calibrate HVAC Module  
Inside Air Temp Sensor Fan  
Mix Motor Position  
Mode  
Mode Motor Position  
PCAT Sensor Fan Motor  
Perform Full System Reset

## Radio

AF Switching  
Antenna  
Antenna (SW12V Out)  
Bluetooth  
Center I/P Speaker (If available)  
CLEAR ALL CLASS 2 DEVICE CONTROL  
Clear Hard Disc Drive Command  
Current Volume  
DVDx Ship Mode  
Eject Command  
Info Display/Infotainment Faceplate Reset Cc  
Info Display/Infotainment Faceplate Wakeup  
Left Front Speaker  
Left Front Speaker Test  
Left Front Tweeter  
Left Rear – Left (Surround) D-Pillar (If availabl  
Left Rear Speaker  
Left Rear Speaker Test  
LF Speaker Test  
LR Speaker Test  
Mute  
Operation Mode Select  
RF Speaker Test  
Right Front Speaker  
Right Front Speaker Test  
Right Front Tweeter  
Right Rear – Right (Surround) D-Pillar (If avail  
Right Rear Speaker  
Right Rear Speaker Test

RR Speaker Test  
Ship Mode  
Software Initialize  
Speaker LF  
Speaker LR  
Speaker RF  
Speaker RR  
User Balance  
User Fader

## RAM

Rear Audio Display Backlight Command  
Rear Audio Display Segment Command

## RCCP

Fan High  
Fan Low  
Fan Medium  
Fan Medium High  
Mode Door Position  
Segment Check

## RCDLR

Active Antenna  
Console Antenna  
Driver 1 Auto. Door Unlock  
Headliner Antenna  
Left Door Handle Antenna  
Program Key Fobs  
Rear Fascia Antenna  
Right Door Handle Antenna  
Run Crank Relay  
Run/Crank Relay  
Shift Lock Control  
TPM Learn Mode

## RDM

Driver Window  
Driver Window Down  
Driver Window Up  
Header Latch  
Passenger Window  
Passenger Window Down  
Passenger Window Up  
Pump Motor Direction  
Rear Compartment Lid Release  
Roof System  
Toneau Latch  
Tonneau Latch  
Valve 1  
Valve 2  
Valve 3  
Valve 4

## RFA

Alarm Warning  
Alarm Warning #1  
Alarm Warning #2  
Courtesy Lamps  
Courtesy Lamps #1  
Courtesy Lamps #2  
Door Lock

Door Lock #1  
 Door Lock #2  
 Door Unlock  
 Door Unlock #1  
 Door Unlock #2  
 Driver Door Relay  
 Driver Door Relay #1  
 Driver Door Relay #2  
 Exterior Lamps  
 Exterior Lamps #1  
 Exterior Lamps #2  
 Horn  
 Horn #1  
 Horn #2  
 PBUS  
 PBUS #1  
 PBUS #2  
 Perimeter lighting  
 Perimeter Lighting #1  
 Perimeter Lighting #2  
 Retained Accessory Power  
 Retained Accessory Power #1  
 Retained Accessory Power #2  
 Security Telltale  
 Security Telltale #1  
 Security Telltale #2  
 Sensor Learn Mode Enable  
 Trunk Release  
 Trunk Release #1  
 Trunk Release #2

## RHACCM

A/C Evaporator Temperature Command  
 A/C Indicator  
 A/C Switch Command  
 Air Recirculation Door Motor Direction  
 Air Recirculation Door Motor Command  
 Air Recirculation LED  
 Air Recirculation Mode Switch Signal Command  
 Ambient Air Temperature  
 Auto HVAC Indicator  
 Auxiliary Heater Request  
 Bi-Level Indicator  
 Bi-Level Switch  
 Blower Motor Relay  
 Blower Motor Speed 1 Indicator  
 Blower Motor Speed 2 Indicator  
 Blower Motor Speed 3 Indicator  
 Blower Motor Speed 4 Indicator  
 Blower Motor Speed 5 Indicator  
 Blower Motor Speed 6 Indicator  
 Blower Motor Speed Command  
 Enhanced Defrost Indicator  
 Floor Mode Indicator  
 Fresh Air Indicator  
 Front Defrost Indicator  
 HVAC Actuators Learn Command  
 Instrument Panel Vents Indicator  
 Left Temperature Door Motor Direction Command  
 Left Temperature Door Position Command  
 Left Temperature Knob Position Signal Command

Left Temperature Switch  
 Lower Right Duct Air Temperature Sensor Signal  
 Mode Door Motor Command  
 Mode Door Motor Command Command  
 Mode Switch  
 MULTI-ZONE Switch  
 Rear Defog Command  
 Rear Defogger Status Command  
 Right Temperature Door  
 Right Temperature Door Motor Direction Command  
 Right Temperature Knob Position Signal Command  
 Right Temperature Switch  
 Temperature  
 Temperature Door Position  
 Temperature Down Switch  
 Temperature Up Switch

## RHLM

Left Headlight  
 Right Headlight

## RHSM

Command Driver Blower Full Power  
 Command Driver Cool Mode  
 Command Driver Heat Mode  
 Command Driver Seat  
 Command Passenger Blower Full Power  
 Command Passenger Cool Mode  
 Command Passenger Heat Mode  
 Command Passenger Seat

## RHVAC

AC Permission  
 Air Inlet Door  
 Air Mix Door  
 All Door Unlock Request  
 Blower Motor  
 Console Door Position  
 Display(s) Test  
 Flasher Module Control  
 Horn Relay Control  
 HVAC Actuator Recall  
 Inside Air Temperature Fan  
 Instant OAT Update  
 IR Switched Power  
 Left Mix Motor  
 Mode 1 Door Position  
 Mode 2 Door Position  
 Mode Door Position  
 Right Mix Motor  
 Spare 3  
 Spare 4  
 Water Valve

## RIM

ALC Compressor Relay  
 ALC Compressor Relay #1  
 ALC Compressor Relay #2  
 ALC Compressor Relay #3  
 ALC Compressor Relay Test  
 ALC Exhaust Solenoid

ALC Exhaust Solenoid #1  
 ALC Exhaust Solenoid #2  
 ALC Exhaust Solenoid #3  
 ALC Exhaust Solenoid Test  
 Backup Lamp Relay  
 Backup Lamp Relay Test  
 Brake to Shift Control  
 Brake to Shift Control #1  
 Brake to Shift Control #2  
 Brake to Shift Control #3  
 Brake to Shift Control #4  
 Brake to Shift Control Test  
 Brake to Shift Relay  
 Brake to Shift Relay #1  
 Brake to Shift Relay #2  
 Brake to Shift Relay #3  
 Brake to Shift Relay Test  
 Cigar Lighter  
 Cigar Lighter #1  
 Cigar Lighter #2  
 Cigar Lighter #3  
 Cigar Lighter Test  
 Courtesy Lamp 1, 2 w/dim  
 Courtesy Lamp 1, 2 w/dim #1  
 Courtesy Lamp 1, 2 w/dim #2  
 Courtesy Lamp 1, 2 w/dim #3  
 Courtesy Lamp 1, 2 w/dim #4  
 Courtesy Lamp 1, 2 w/dim Test  
 Courtesy Lamp 1, 2 w/o dim  
 Courtesy Lamp 1, 2 w/o dim #1  
 Courtesy Lamp 1, 2 w/o dim #2  
 Courtesy Lamp 1, 2 w/o dim #3  
 Courtesy Lamp 1, 2 w/o dim #4  
 Courtesy Lamp 1, 2 w/o dim Test  
 Courtesy Lamp w/Dimming  
 Courtesy Lamp w/Dimming Test  
 Courtesy Lamp w/o Dimming  
 Courtesy Lamp w/o Dimming Test  
 Driver Heated Seat  
 Driver Heated Seat #1  
 Driver Heated Seat #2  
 Driver Heated Seat #3  
 Driver Heated Seat #4  
 Driver Heated Seat High  
 Driver Heated Seat High #1  
 Driver Heated Seat High #2  
 Driver Heated Seat High Test  
 Driver Heated Seat Low  
 Driver Heated Seat Low #1  
 Driver Heated Seat Low #2  
 Driver Heated Seat Low Test  
 Driver Heated Seat Test  
 Driver Rear Heated Seat High  
 Driver Rear Heated Seat Low  
 Front Courtesy Lamp  
 Fuel Door Lock Relay  
 Fuel Door Lock Relay #1  
 Fuel Door Lock Relay #2  
 Fuel Door Lock Relay #3  
 Fuel Door Lock Relay Test  
 Fuel Door Release Relay



Fuel Door Unlock Relay  
Fuel Door Unlock Relay #1  
Fuel Door Unlock Relay #2  
Fuel Door Unlock Relay #3  
Fuel Door Unlock Relay Test  
Heated Seat Inhibit  
Heated Seat Inhibit #1  
Heated Seat Inhibit #2  
Heated Seat Inhibit #3  
Heated Seat Test  
Heated Seats Inhibit  
Heated Seats Load Shed 1  
Heated Seats Load Shed 1 #1  
Heated Seats Load Shed 1 #2  
Heated Seats Load Shed 1 #3  
Heated Seats Load Shed 1 Test  
Heated Seats Load Shed 2  
Heated Seats Load Shed 2 #1  
Heated Seats Load Shed 2 #2  
Heated Seats Load Shed 2 #3  
Heated Seats Load Shed 2 Test  
Inadvertent Power Relay  
Inadvertent Power Relay #1  
Inadvertent Power Relay #2  
Inadvertent Power Relay #3  
Inadvertent Power Relay #4  
Inadvertent Power Relay Test  
Interior Lamp Relay  
Intrusion Sensor  
Intrusion Sensor #1  
Intrusion Sensor #2  
Intrusion Sensor #3  
Intrusion Sensor #4  
Intrusion Sensor Test  
Intrusion/Inclination Sensor  
Intrusion/Inclination Sensor Test  
LF Turn/Hazard Lamp  
LF Turn/Hazard Lamp Test  
LR Turn/Hazard Lamp  
LR Turn/Hazard Lamp Test  
Non-overhead Courtesy Lamp  
Park Brake A  
Park Brake B  
Park Key Lock Relay  
Pass Rear Heated Seat High  
Pass Rear Heated Seat Low  
Passenger Heated Seat  
Passenger Heated Seat #1  
Passenger Heated Seat #2  
Passenger Heated Seat #3  
Passenger Heated Seat #4  
Passenger Heated Seat High  
Passenger Heated Seat High #1  
Passenger Heated Seat High #2  
Passenger Heated Seat High Test  
Passenger Heated Seat Low  
Passenger Heated Seat Low #1  
Passenger Heated Seat Low #2  
Passenger Heated Seat Low Test  
Passenger Heated Seat Test  
RAP Relay

RAP Relay #1  
RAP Relay #2  
RAP Relay #3  
RAP Relay #4  
RAP Relay Test  
Rear Blower Power Relay  
Rear Compartment Lid Release  
Rear Compartment Lid Release Test  
Rear Courtesy Lamp  
Rear Defog Load Shed 1 Test  
Rear Defog Load Shed 2 Test  
Rear Defog Load Shed1  
Rear Defog Load Shed1 #1  
Rear Defog Load Shed1 #2  
Rear Defog Load Shed1 #3  
Rear Defog Load Shed1 #4  
Rear Defog Load Shed2  
Rear Defog Load Shed2 #1  
Rear Defog Load Shed2 #2  
Rear Defog Load Shed2 #3  
Rear Defog Load Shed2 #4  
Rear Defog Relay  
Rear Defog Relay #1  
Rear Defog Relay #2  
Rear Defog Relay #3  
Rear Defog Relay #4  
Rear Defog Relay Test  
Rear Defog Test  
Rear Defogger  
Rear Fog Lamp Relay  
Rear Fog Lamp Relay #1  
Rear Fog Lamp Relay #2  
Rear Fog Lamp Relay #3  
Rear Fog Lamp Relay #4  
Rear Fog Lamp Relay Test  
Rear Fog Lamps  
Rear Fog Lamps Test  
Rear Park Aid 1  
Rear Park Aid 2  
Rear Park Aid 3  
Reverse Lamp Relay  
Reverse Lamp Relay #1  
Reverse Lamp Relay #2  
Reverse Lamp Relay #3  
Reverse Lamp Relay #4  
Reverse Lamp Relay Test  
RF Turn/Hazard Lamp  
RF Turn/Hazard Lamp Test  
RR Turn/Hazard Lamp Test  
Secure Vehicle  
Standing Lamp Relay  
Standing Lamp Relay Test  
Sunroof  
Sunroof Enable Test  
Theft Deterrent Alarm Test  
Trunk Release Relay  
Trunk Release Relay #1  
Trunk Release Relay #2  
Trunk Release Relay #3  
Trunk Release Relay #4  
Trunk Release Relay Test

## RMDM

Deadbolt Motor  
Deadbolt Motor Lock  
Deadbolt Motor Unlock  
Door Lock Unlock  
Express Up – Low Speed Output  
Express Up Low Speed Output  
Heated Seat LED - Heat (GMX 270 only)  
Heated Seat LED-Back only (GMX 270 only)  
Heated Seat LED-High (GMX 270 only)  
Heated Seat LED-Low (GMX 270 only)  
Heated Seat LED-Medium (GMX 270 only)  
Heated Seat Mode (LRD / RRD) , Heated Seat  
Heated Seat Mode (LRD / RRD), Heated Seat  
Heated Seat Temp (LRD / RRD) , CCS PWM O  
Heated Seat Temp (LRD / RRD), Front - CCS P  
Lock Motor  
Lock Motor Lock  
Lock Motor Unlock  
Switch Dimming Feed  
Switch Dimming Feed Duty Cycle  
Window Express Down  
Window Motor  
Window Motor – Express  
Window Motor Down  
Window Motor Express Down  
Window Motor Express Up  
Window Motor Up  
Window Peak Detect Discharge  
Window Up Down

## ROS

Setup New ROS-Lock MEC

## RPA

Control Rear Display Outputs  
PAS Disable History Buffer - Clear  
PAS Input – PA Switch  
PAS LED Output - PAS Switch LED  
PAS LED Output - Rear Red LED  
PAS LED Output - Rear Yellow LED 1  
PAS LED Output - Rear Yellow LED 2  
PAS Output – LED Feed  
PAS Output – Sensor Feed  
PAS Output – Disable Feeds - LED Feed  
PAS Output – Disable Feeds - Sensor Feed  
PAS Test – LED Test  
PAS Test – Sensor Test

## RPSDM

Power Sliding Door

## RRDM

Deadbolt Motor  
Deadbolt Motor Lock  
Deadbolt Motor Unlock  
Door Lock Motors  
Door Lock Unlock  
Door Lock Unlock #1  
Door Lock Unlock #2  
Door Lock Unlock #3

Door Lock Unlock #4  
 Door Switch Backlight  
 Express Up – Low Speed Output  
 Express Up Low Speed Output  
 Heated Seat LED - Heat (GMX 270 only)  
 Heated Seat LED-Back only (GMX 270 only)  
 Heated Seat LED-High (GMX 270 only)  
 Heated Seat LED-Low (GMX 270 only)  
 Heated Seat LED-Medium (GMX 270 only)  
 Heated Seat LEDs  
 Heated Seat Mode  
 Heated Seat Mode (LRD / RRD) , Heated Seat  
 Heated Seat Mode (LRD / RRD), Heated Seat  
 Heated Seat Temp  
 Heated Seat Temp (LRD / RRD) , CCS PWM O  
 Heated Seat Temp (LRD / RRD), Front - CCS P  
 Lock Motor  
 Lock Motor Lock  
 Lock Motor Unlock  
 Right Rear Door Lock/Unlock  
 Right Rear Door Lock/Unlock #1  
 Right Rear Door Lock/Unlock #2  
 Right Rear Door Lock/Unlock #3  
 Switch Dimming Feed  
 Switch Dimming Feed #1  
 Switch Dimming Feed #2  
 Switch Dimming Feed #3  
 Switch Dimming Feed #4  
 Switch Dimming Feed Duty Cycle  
 Window Express Down  
 Window Express Down #1  
 Window Express Down #2  
 Window Express Down #3  
 Window Express Down #4  
 Window Motor  
 Window Motor – Express  
 Window Motor Down  
 Window Motor Express Down  
 Window Motor Express Up  
 Window Motor Up  
 Window Peak Detect Discharge  
 Window Peak Detect Discharge #1  
 Window Peak Detect Discharge #2  
 Window Peak Detect Discharge #3  
 Window Peak Detect Discharge #4  
 Window Up Down  
 Window Up Down #1  
 Window Up Down #2  
 Window Up Down #3  
 Window Up Down #4  
 Window Up/Down

## RSA

Air Mix Door  
 Blower Motor  
 Console Door Position  
 HVAC Actuator Recal  
 Mode Door Position  
 Water Valve

## RSHCM

Left Front Seat Blower Command  
 Left Rear Seat Back Heating Command  
 Left Rear Seat Cushion Heating Command  
 Right Front Seat Blower Command  
 Right Rear Seat Back Heating Command  
 Right Rear Seat Cushion Heating Command  
 Turn Off all Control Functions Command

## RSM

180 Motor Control  
 Activate Auto-Calibration Sequence  
 Cancel Device Control  
 Control Rear Display Outputs  
 Cushion Motor Control  
 Hall Effect Sensor Position Reset  
 Horizontal Motor  
 PAS Disable History Buffer - Clear  
 PAS Input – PA Switch  
 PAS LED Output - PAS Switch LED  
 PAS LED Output - Rear Red LED  
 PAS LED Output - Rear Yellow LED 1  
 PAS LED Output - Rear Yellow LED 2  
 PAS Test – LED Test  
 Recline Motor  
 Recline Motor Control  
 Rotation Motor  
 Seat Control

## RSODM

Alert Present  
 Cleaning Required  
 Force Alert Indication  
 Force Cleaning Indication  
 Force Service Indication  
 Needs Service  
 Object Detection Alert Indicators

## SDG

Crash Sensor Reset

## SIR

1st  
 2nd  
 AC Permission  
 Air Inlet Door  
 Alternator Lamp Test  
 Blower Motor  
 Brake Lamp  
 Coolant Gauge Sweep Test  
 DIC Odometer  
 Display(s) Test  
 Drive  
 Engine Hot Lamp  
 Fuel Gauge Sweep Test  
 High Beam Lamp  
 HVAC Actuator Recal  
 Inside Air Temperature Fan  
 Instant OAT Update  
 Left Mix Motor  
 Low Fuel Lamp  
 Mode 1 Door Position

Mode 2 Door Position  
 Neutral  
 Oil Pressure Lamp  
 Park  
 Reverse  
 Right Mix Motor  
 Seat Belt Lamp  
 Security Lamp  
 Speed Gauge Sweep Test  
 Tach Gauge Sweep Test  
 Upshift Lamp

## SIS

Alarm Siren  
 Door Lock  
 Door Unlock  
 Driver Window Down Relay  
 Driver Window Up Relay  
 Hazard Lamps  
 Interior Lamps  
 Key Light (Halo)  
 Left Turn Signal Lamp  
 Power Window Relay  
 Rear Defog Lamp  
 Right Turn Signal Lamp  
 Security LED  
 Trunk Release Relay  
 Wiper Relay

## SMCM

Adjustable Pedals Direction Command  
 Adjustable Pedals Soft stops Learn  
 Clear Adjustable Pedals Soft stops  
 Driver Mirror Direction Command  
 Driver Mirror Fold Motor Command  
 Driver Seat Back Direction Command  
 Driver Seat Back Heating Command  
 Driver Seat Cushion Front Vertical Direction C  
 Driver Seat Cushion Heating Command  
 Driver Seat Cushion Rear Vertical Direction C  
 Driver Seat Horizontal Direction Command  
 Left Front Seat Blower Command  
 Passenger Mirror Direction Command  
 Passenger Mirror Fold Motor Command  
 Passenger Seat Back Heating Command  
 Passenger Seat Cushion Heating Command  
 Right Front Seat Blower Command  
 Steering Column Telescope Forward Comm  
 Steering Column Telescope Rearward Comm  
 Steering Column Tilt Down Command  
 Steering Column Tilt Up Command  
 Turn Off all Control Functions Command

## SODM

Alert Present  
 Cleaning Required  
 Needs Service

## TCICM

Green Indicator Command  
 Phone Call Test Command

Red Indicator Command

## TTM

Telescope In/Out

Tilt Up/Down

## TVAM

Antenna 1

Antenna 1 #1

Antenna 1 #2

Antenna 1 #3

Antenna 1 #4

Antenna 2

Antenna 2 #1

Antenna 2 #2

Antenna 2 #3

Antenna 2 #4

Antenna 3

Antenna 3 #1

Antenna 3 #2

Antenna 3 #3

Antenna 3 #4

Antenna 4

Antenna 4 #1

Antenna 4 #2

Antenna 4 #3

Antenna 4 #4

Region of Operation

## UHP

Audio Tone

CAN Bus Configuration Learn Command

Microphone Test

Shutdown Mode

Turn Off all Control Functions Command

## UPA

All Indicators Command

Clear Disable History Data

Control Rear Display Outputs

Front Red Indicator

Front Yellow Indicator 1

Front Yellow Indicator 2

Park Assist Switch LED

PAS Disable History Buffer - Clear

PAS Input – PA Switch

PAS LED Output - Front Red LED

PAS LED Output - Front Yellow LED 1

PAS LED Output - Front Yellow LED 2

PAS LED Output - PAS Switch LED

PAS LED Output - Rear Red LED

PAS LED Output - Rear Yellow LED 1

PAS LED Output - Rear Yellow LED 2

PAS Output – Disable Feeds - LED Feed

PAS Output – Disable Feeds - Sensor Feed

PAS Test – LED Test

PAS Test – Sensor Test

Rear Red Indicator

Rear Yellow Indicator 1

Rear Yellow Indicator 2

## VCIM

Center I/P Speaker (If available)

Initiate Onstar Phone Call (Blue Button)

Keypad LED Green

Keypad LED Red

Left Front Speaker

Left Front Tweeter

Left Rear – Left (Surround) D-Pillar (If available)

Left Rear Speaker

Operation Mode Select

Right Front Speaker

Right Front Tweeter

Right Rear – Right (Surround) D-Pillar (If available)

Right Rear Speaker

Terminate Phone Call (DOT Button)

## VDAAWM

Lane Departure Warning

# GM Chassis Actuators

## ABS

ABS Lamp  
ABS Relay  
ABS Relay Enable Bit  
ABS Solenoid Relay  
ABS Warning Lamp  
ABS Warning Lamp Test  
Brake Lamp  
Close ABS Relay  
Combo Sensor Active Check  
Decay Pulse Width  
Disable Speed Limit  
EBD Warning Lamp  
ESV1 RF RR Low Pressure Feed Valve  
ESV2 LF LR Low Pressure Feed Valve  
Execute ABS Bleed  
Execute Pre-Charge Bleed  
Exhaust Brake Cut  
Exhaust Brake Relay  
FL Inlet Valve  
FL Outlet Valve  
FR Inlet Valve  
FR Outlet Valve  
Front Supply  
Front TC Iso  
Front TC Iso PWM Duty Cycle  
FSR Relay  
Left Front Decay Valve  
Left Front Decay Valve Enable Bit  
Left Front Dump Valve  
Left Front Hold Valve  
Left Front Hold Valve Enable Bit  
Left Front Iso Valve  
Left Rear Dump Valve  
Left Rear Iso Valve  
LF Wheel  
LF Dump  
LF Hold  
LF Inlet  
LF Inlet Valve Solenoid  
LF Inlet Valve Solenoid Test  
LF Iso  
LF Outlet  
LF Outlet Valve Solenoid  
LF Outlet Valve Solenoid Test  
LF Release  
LF TCS Valve  
LFRR Low Pressure Feed Valve  
LFRR Master Cylinder Isolation Valve  
LR Dump  
LR Hold  
LR Inlet  
LR Inlet Valve Solenoid  
LR Inlet Valve Solenoid Test  
LR Iso  
LR Outlet

LR Outlet Valve Solenoid  
LR Outlet Valve Solenoid Test  
LR Release  
Motor  
Motor Enable Bit  
Motor Relay On  
Number of Reapply Pulse  
Open ESV1 Valve for 3 seconds  
Open ESV2 Valve for 3 seconds  
Pump Motor  
Pump Motor Relay  
Pump Motor Test  
Reapply Pulse Width  
Rear Decay Valve  
Rear Decay Valve Enable Bit  
Rear Dump  
Rear Hold Valve  
Rear Hold Valve Enable Bit  
Rear ISO  
Rear TC Iso  
Rear TC Iso PWM Duty Cycle  
Rear TC Supply  
Rear TCS Isolation Valve  
Rear TCS Prime Valve  
Rear Wheels  
Relay  
Requested Torque PWM Duty Cycle  
Requested Torque Test  
RF Dump  
RF Hold  
RF Inlet  
RF Inlet Valve Solenoid  
RF Inlet Valve Solenoid Test  
RF Iso  
RF Outlet  
RF Outlet Valve Solenoid  
RF Outlet Valve Solenoid Test  
RF Release  
RF TCS Valve  
RF Wheel  
RFLR Low Pressure Feed Valve  
RFLR Master Cylinder Isolation Valve  
Right Front Decay Valve  
Right Front Decay Valve Enable Bit  
Right Front Dump Valve  
Right Front Hold Valve  
Right Front Hold Valve Enable Bit  
Right Front Iso Valve  
Right Rear Dump Valve  
Right Rear Iso Valve  
RL Inlet Valve  
RL Outlet Valve  
RR Dump  
RR Hold  
RR Inlet  
RR Inlet Valve Solenoid  
RR Inlet Valve Solenoid Test

RR Inlet Valve  
RR Iso  
RR Outlet  
RR Outlet Valve  
RR Outlet Valve Solenoid  
RR Outlet Valve Solenoid Test  
RR Release  
Service Brake Soon Lamp  
SMCF ON  
Solenoid Relay Off  
SREA ON  
SREC ON  
Start Phase 1 Bleed Procedure  
Start Phase 2 Bleed Procedure  
Start Phase 3 Bleed Procedure  
Start Phase 4 Bleed Procedure  
STP Relay On  
STR ON  
TCS Indicator Lamp  
TCS Warning Lamp  
Time Between Decay And First Reapply Pulse  
Time Between Reapply Pulse  
Traction Active Lamp  
Traction Disabled Lamp  
Traction Off Lamp  
Turn on ABS Motor  
Turn on Pre-Charge Pump  
VSES Warning Lamp

## AIRSUSP

Compressor Relay  
ECU Reset  
ERH LED  
ERH Switch  
Exhaust Valve  
Height Sensor Supply  
Inflator LED  
Inflator Switch  
Left Isolation Valve  
Right Isolation Valve  
Self Cal'  
Self Test  
Thermal Overload

## ASCM

Compressor Relay  
Depressurize System  
Exhaust System  
LR Control Valve  
Pressurize System  
RR Control Valve

## EBCM

(un)learn Steering Centered Position  
ABS Bleed  
ABS Failed  
ABS Lamp  
ABS Pump Motor Voltage

ABS Relay	Front TC ISO	LR Apply (Outlet) Valve
ABS Relay Test	Front TC Supply	LR Apply Valve
ABS Solenoid Relay	FSR Relay	LR Dump
ABS Valve Control LF Apply	GM Base Brake Offset Learn	LR Hold
ABS Valve Control LF Release	HPA Flush Sequence	LR Inlet
ABS Valve Control LR Apply	Keep Alive	LR Inlet Valve Solenoid
ABS Valve Control LR Release	Learn BASS Pedal	LR ISO
ABS Valve Control RF Apply	Learn Boost Pressure Sensor Calibration	LR Outlet
ABS Valve Control RF Release	Learn HPA Pressure Sensor Calibration	LR Outlet Valve Solenoid
ABS Valve Control RR Apply	Learn Regen Pressure Sensor Calibration	LR Outlet/Pump
ABS Valve Control RR Release	Learn Steering Centered Position	LR Rel & Pump
ABS Warning Lamp	Left Front Decay Valve	LR Rel,RF Hold & Pump
Actuator Calibration Sequence	Left Front Dump Valve	LR Release
ASV1	Left Front Hold	LR Release (Inlet) Valve
ASV2	Left Front Hold Valve	LR Release Solenoid
Auto Config Inertial Sensor Re-learn	Left Front Hold, Right Rear / Left Front Release	LR Release Valve
Base Brake Normally Closed Valve	Left Front Inlet Solenoid Valve	LR Wheel Complete
Base Brake Normally Open Valve	Left Front ISO / Prime & Pump	More Firm Command
BASS Relearn Req.	Left Front ISO / Prime / Hold & Pump	Motor
BASS Unlearn Req.	Left Front ISO / Prime / Release & Pump	Motor Enable Bit
Bleed 24	Left Front ISO / Prime / Release,Right Rear Hold	Motor Relay On
Boost Valve	Left Front Iso Valve	Pedal Press Required
Brake Bleeding phase 1	Left Front Outlet Solenoid Valve	Pre-Charge Pump Motor Control
Brake Bleeding phase 2	Left Front Release & Pump	Pre-Charge Pump Motor Voltage
Brake Bleeding phase 3	Left Front Release,Right Rear Release & Pump	Pressure Control Solenoid Valve
Brake Bleeding phase 4	Left Rear Dump Valve	Pressure Sensor Calibration
Brake Booster Electric Vacuum Pump	Left Rear Inlet Solenoid Valve	Primary Isolation Solenoid Valve
Brake Lamp	Left Rear Iso Valve	Primary Isolation Valve
Brake Pressure Sensor Calibration	Left Rear Outlet Solenoid Valve	Primary Prime Solenoid Valve
Close ABS/YSCRelay	Left Rear Release & Pump	Primary Prime Valve
Combo Sensor Active Check	Left Rear Release,Right Front Hold & Pump	Prime ISO ON
Control LF Damper	Less Firm Command	Prime ISO ON Request
Control LR Damper	LF Apply (Outlet) Valve	Prop Valve
Control RF Damper	LF Apply Valve	Pump
Control RR Damper	LF Dump	Pump Motor
Device Control OFF/null	LF Hold	Pump Motor Control
EBD Failed	LF Hold,RR/LF Rel	Pump Motor Control
EBD Warning Lamp	LF Inlet	Pump Motor Speed
End Control Command	LF Inlet Valve Solenoid	Pump Motor Test
End Corner Control Command	LF ISO	Pump Motor Voltage
Engine Run Active Flag Required	LF ISO/Prime & Pump	Pump Prime Sequence
ESP Failed	LF ISO/Prime/Hold & Pump	Pump Valves OFF
ESV1 RF LR Low Pressure Feed Valve	LF ISO/Prime/Rel & Pump	Pump voltage motor
ESV1 RF RR Low Pressure Feed Valve	LF ISO/Prime/Rel , RR Hold/Rel & Pump	Rear Decay Valve
ESV2 LF LR Low Pressure Feed Valve	LF Normal Force ON	Rear Hold Valve
ESV2 LF RR Low Pressure Feed Valve	LF Outlet	Rear ISO
Exhaust Brake Cut	LF Outlet Valve Solenoid	Rear Isolation valve
Exhaust Brake Relay	LF Outlet/Pump	Rear Prime
Fast Current Shutdown	LF Rel & Pump	Rear prime valve
FL Inlet Valve	LF Rel, RR Rel & Pump	Rear TC ISO
FL Outlet Valve	LF Release	Rear TC Supply
Force Auto Config Inertial Sensor	LF Release (Inlet) Valve	Request/NULL
Force Auto Config Inertial Sensor Re-learn	LF Release Solenoid	Requested Torque
FR Inlet Valve	LF Release Valve	Requested Torque PWM Duty Cycle
FR Outlet Valve	LF RR Low Pressure Feed Valve	RF Apply (Outlet) Valve
Front ISO	LF TCS Prime/Pump	RF Apply Valve
Front Isolation valve	LF TCS Solenoid	RF Dump
Front Prime	LF Wheel Complete	RF Hold
Front prime valve	LFRR Low Pressure Feed Valve	RF Hold, LR/RF Rel
Front Release Solenoids	LFRR Master Cylinder Isolation Valve	RF Inlet

RF Inlet Valve Solenoid  
 RF ISO  
 RF ISO/Prime & Pump  
 RF ISO/Prime/Hold & Pump  
 RF ISO/Prime/Rel. LR Hold/Rel & Pump  
 RF LR Low Pressure Feed Valve  
 RF Normal Force ON  
 RF Outlet  
 RF Outlet Valve Solenoid  
 RF Outlet/Pump  
 RF Rel & Pump  
 RF Rel, LR Rel & Pump  
 RF Release  
 RF Release (Inlet) Valve  
 RF Release Solenoid  
 RF Release Valve  
 RF TCS Prime/Pump  
 RF TCS Solenoid  
 RF Wheel Complete  
 RFLR Low Pressure Feed Valve  
 RFLR Master Cylinder Isolation Valve  
 RFLR Master Cylinder Isolation Valve Control  
 Right Front Decay Valve  
 Right Front Dump Valve  
 Right Front Hold  
 Right Front Hold Valve  
 Right Front Hold,Left Rear / Right Front Release  
 Right Front Inlet Solenoid Valve  
 Right Front ISO / Prime & Pump  
 Right Front ISO / Prime / Release,Left Rear Hold  
 Right Front ISO / Prime/Hold & Pump  
 Right Front Iso Valve  
 Right Front Outlet Solenoid Valve  
 Right Front Release & Pump  
 Right Front Release,Left Rear Release & Pump  
 Right Rear Dump Valve  
 Right Rear Inlet Solenoid Valve  
 Right Rear Iso Valve  
 Right Rear Outlet Solenoid Valve  
 Right Rear Release & Pump  
 Right Rear Release,Left Front Hold & Pump  
 RL Inlet Valve  
 RL Outlet Valve  
 RR ISO  
 RR Apply (Outlet) Valve  
 RR Apply Valve  
 RR Apply Valve  
 RR Dump  
 RR Hold  
 RR Inlet  
 RR Inlet Valve  
 RR Inlet Valve Solenoid  
 RR Inlet Valve  
 RR Outlet  
 RR Outlet Valve  
 RR Outlet Valve Solenoid  
 RR Outlet/Pump  
 RR Rel & Pump  
 RR Rel,LF Hold & Pump  
 RR Release

RR Release (Inlet) Valve  
 RR Release Solenoid  
 RR Release Valve  
 RR Wheel Complete  
 Secondary Isolation Solenoid Valve  
 Secondary Isolation Valve  
 Secondary Prime Solenoid Valve  
 Secondary Prime Valve  
 Service Brake Soon Lamp  
 SMCF ON  
 SMCF Valve  
 Solenoid Relay Off  
 SREA ON  
 SREA Valve  
 SREC ON  
 SREC Valve  
 Steering Position Sensor Learn  
 STP Relay On  
 STR ON  
 STR Valve  
 System relay  
 TCS Low Warning Lamp  
 TCS Valve Control Base Brake Normally Close  
 TCS Valve Control Base Brake Normally Open  
 TCS Valve Control Boost Valve  
 TCS Valve Control Primary Isolation  
 TCS Valve Control Primary Prime  
 TCS Valve Control Prop Valve  
 TCS Valve Control Secondary Isolation  
 TCS Valve Control Secondary Prime  
 TCS Warning Lamp  
 Torque request test  
 Traction Active Lamp  
 Traction Disabled Lamp  
 TRW Base Brake Offset Learn  
 Turn on Motor  
 Unlearn BASS Pedal  
 USV1  
 USV2  
 VES Current  
 VES Slew Test  
 VSES Warning Lamp  
 Yaw Rate Reset  
 Yaw Rate Sensor Learn

### ECAS

Compressor Relay  
 Design Ride Height  
 ERH LED  
 Exhaust Valve  
 Extended Ride Height  
 Inflator LED  
 Left Isolation Valve  
 Maximum Ride Height  
 Minimum Ride Height  
 Right Isolation Valve  
 System Calibration

### EPB

Park Brake Apply  
 Park Brake Apply Command

Park Brake Cable Unwind  
 Park Brake Cable Unwind Command  
 Park Brake Calibration  
 Park Brake Calibration Command  
 Park Brake Release  
 Park Brake Release Command

### EPS

Power Steering Softstops Learn  
 Set Tuning Profile to 2  
 Steering Performance Calibration

### ESC

Compressor  
 Control Cycle Compressor  
 Control Cycle Exhaust  
 Control LF Damper  
 Control LR Damper  
 Control RF Damper  
 Control RR Damper  
 Control Static Compressor  
 Control Static Exhaust  
 Control Static LF Damper  
 Control Static LR Damper  
 Control Static RF Damper  
 Control Static RR Damper  
 Cycle Compress  
 Cycle Compressor  
 Cycle Exhaust  
 Cycle Left Front Damper  
 Cycle Left Rear Damper  
 Cycle Right Front Damper  
 Cycle Right Rear Damper  
 Exhaust Solenoid  
 LF Damper  
 LF Damper Solenoid Valve  
 LR Damper  
 LR Damper Solenoid Valve  
 RF Damper  
 RF Damper Solenoid Valve  
 RR Damper  
 RR Damper Solenoid Valve  
 Speed Override of Outputs  
 Static Compress  
 Static Compressor  
 Static Exhaust  
 Static Left Front Damper  
 Static Left Rear Damper  
 Static Right Front Damper  
 Static Right Rear Damper

### IMU

Yaw Rate Sensor Learn Command

### PBCM

Apply  
 Calibration  
 Deactivate Actuator  
 Release  
 Replacement/Unwind Cable  
 Reset Actuator

Reset dynamic counter

## PSCM

Actuator Angle Initialization

Delete Calibration value for angle neutral poi

Delete Calibration value for motor/ torque se

Delete Calibration value for torque and angle

Delete Calibration value for torque neutral p

ECU Reset

Execuet Calibration for angle neutral point

Execuet Calibration for torque and angle neu

Execuet Calibration for torque neutral point

Learning Actuator Neutral Position

Position Sensor EOL Calibration

Resolve Calibration for motor/ torque sensor

System Lock Command

System Lock Release Command

Torque Sensor EOL Calibrations

Tuning Table Selection

Right Rear Auxiliary Turn Signal Lamp

Right Tail Lamp

Right Trailer Tail Lamp

Right Trailer Turn Signal Lamp

Trailer Backup Lamps

Trailer Brake Lamps

Trailer Fog Lamp(s)

## TPM

Enable TPM option

## VES

Pressure Control Solenoid Valve

## RWS

Enter Hand wheel Align set-up

Learn Hand wheel center

Learn Lateral Accel.

Mode Lamp 2WS

Mode Lamp 4WS

Mode Lamp 4WS - Tow

Mode Lamps All

rear steer Left

rear steer Right

Request Mode Override

## SADS

Left Front Damper Actuator

Left Rear Damper Actuator

Right Front Damper Actuator

Right Rear Damper Actuator

Suspension System Mode

## SAS

Steering Position Sensor Learn

## SCL

CAN Bus Configuration Learn

Column Lock

Column UnLock

## TBCM

SSR Enable State

Trailer Brake Duty Cycle

Trailer Brake Gain Display

Trailer Connection Status LED (Engineering)

User Gain Device Control

## TIM

CAN Bus Configuration Learn

Left Auxiliary Tail and Brake Lamp

Left Rear Auxiliary Turn Signal Lamp

Left Tail Lamp

Left Trailer Tail Lamp

Left Trailer Turn Signal Lamp

Right Auxiliary Tail and Brake Lamp