ACTIVE NOISE CANCELLATION SYSTEM - DIAGNOSTIC TROUBLE CODES

ACTIVE NOISE CANCELLATION SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Engine RPM Input Circuit Signal Invalid
Â	Microphone Input Signal Circuit

ADJUSTABLE PEDAL SYSTEM - DIAGNOSTIC TROUBLE CODES

ADJUSTABLE PEDAL SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Adjustable Pedal Rearward Switch (Z75)
Â	Adjustable Pedal Rearward Switch (X88 or Z88)
Â	Adjustable Pedal Position Sensor
Â	Adjustable Foot Pedal Inhibit Circuit

ANTILOCK BRAKE SYSTEM - DIAGNOSTIC TROUBLE CODES

ANTILOCK BRAKE SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Traction Control Switch Circuit Short to Ground
Â	Hill Descent Control Switch Short to Ground
Â	Wheel Speed Sensor
Â	Pump Motor
Â	Traction Control System
Â	Antilock Braking System Brake Switch Circuit
Â	Acceleration Sensor (Without UGN)
Â	Acceleration Sensor (With UGN)

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DTC	Description
Â	Multi-Axis Acceleration Sensor Module - Incorrect Component Installed
Â	Engine Control Module Indicated Traction Control Malfunction
Â	Wheel Speed Sensor Frequency Malfunction
Â	Valve High Temperature/Stability System Active Too Long
Â	Calibration Data Configuration Not Programmed
Â	Steering Position Signal
Â	Lateral Acceleration Sensor
Â	Longitudinal Acceleration Sensor
Â	Traction Control Torque Request Circuit
Â	Automatic Braking Engine Torque Request Signal Message Counter Incorrect

AUTOMATIC TRANSMISSION - 6L80 - DIAGNOSTIC TROUBLE CODES

AUTOMATIC TRANSMISSION - 6L80 - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Control Module
Â	Control Module Overtemperature
Â	Actuator High Control Circuit Group 1
Â	Control Module Temperature Sensor
Â	Control Module Power Up Temperature Sensor
Â	Transmission Fluid Temperature Sensor
Â	Input Speed Sensor
Â	Transmission Tow Mode Switch Circuit
Â	Output Speed Sensor
Â	Torque Converter Clutch (TCC) System
Â	Shift Solenoid Valve 1 Performance
Â	Shift Solenoid Valve 2 Performance
Â	Pressure Control Solenoid Valve 2
Â	Pressure Control Solenoid Valve 3

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DTC	Description
Â	Switch Circuit
Â	Transmission Fluid Pressure Switch 1
Â	Park/Neutral Position Switch Circuit
Â	Transmission Fluid Pressure Switch 3
Â	Transmission Fluid Pressure Switch 4
Â	Line Pressure Control Solenoid Valve
Â	Pressure Control Solenoid Valve 2
Â	Pressure Control Solenoid Valve 3
Â	Shift Solenoid Valve 1
Â	Shift Solenoid Valve 2
Â	Transmission Fluid Pressure Switch 5
Â	Up and Down Shift Switch Signal Message Counter Incorrect
Â	Transmission Mode Switch Signal Message Counter Incorrect
Â	Internal Mode Switch
Â	Pressure Control Solenoid Valve 4
Â	Pressure Control Solenoid 4
Â	Pressure Control Solenoid Valve 5
Â	Pressure Control (PC) Solenoid Valve 5
Â	Torque Converter Clutch (TCC) Pressure Control Solenoid Valve
Â	Four Wheel Drive (4WD) Switch Circuit (NQF OR NQH)

AUTOMATIC TRANSMISSION - 8L90 (M5U) - DIAGNOSTIC TROUBLE CODES

AUTOMATIC TRANSMISSION - 8L90 (M5U) - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Control Module
Â	Actuator High Control Circuit Group 1
Â	Transmission Fluid Temperature Sensor
Â	Input Speed Sensor
Â	Transmission Tow Mode Switch Circuit
Â	Output Speed Sensor

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DTC	Description
Â	Transmission Control Solenoid Valve 1
Â	Transmission Control Solenoid Valve 2
Â	Transmission Control Solenoid Valve 3
Â	Switch Circuit
Â	Park/Neutral Position Switch Circuit Low Voltage
Â	Transmission Control Solenoid Valve 1
Â	Transmission Control Solenoid Valve 2
Â	Transmission Control Solenoid Valve 3
Â	Acceleration Sensor Signal Message Counter Incorrect
Â	Up and Down Shift Switch Signal Message Counter Incorrect
Â	Intermediate Speed Sensor
Â	Internal Mode Switch P
Â	Internal Mode Switch A
Â	Internal Mode Switch B
Â	Internal Mode Switch
Â	Internal Mode Switch C
Â	Internal Mode Switch S
Â	Actuator High Control
Â	Transmission Control Solenoid Valve 4
Â	Transmission Control Solenoid Valve 4
Â	Transmission Control Solenoid Valve 5
Â	Transmission Control Solenoid Valve 5
Â	Transmission Control Solenoid Valve 6
Â	Transmission Control Solenoid Valve
Â	Torque Converter Clutch (TCC) System
Â	Transmission Control Solenoid Valve 7
Â	Transmission Control Solenoid Valve 8
Â	Transmission Control Solenoid Valve 8
Â	Transmission Control Solenoid Valve 9

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BATTERY, CHARGING SYSTEM AND STARTING SYSTEM - DIAGNOSTIC TROUBLE CODES

BATTERY, CHARGING SYSTEM AND STARTING SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Device Power Circuit/Device Voltage Circuit/Control Module Power Circuit/ Battery Voltage/System Voltage
Â	Battery Current Sensor
Â	Low Battery Capacity Detected
Â	Parasitic Load
Â	Starter Relay Control Circuit
Â	Generator L-Terminal Circuit
Â	Generator F-Terminal Circuit

BOLTED EXTERIOR BODY PANELS AND CLOSURES - DIAGNOSTIC TROUBLE CODES

BOLTED EXTERIOR BODY PANELS AND CLOSURES - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Hood Ajar Circuit Plausibility Failure
Â	Engine Hood Switch Circuit

BUMPERS AND FASCIAS - DIAGNOSTIC TROUBLE CODES

BUMPERS AND FASCIAS - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Active Grille Air Shutter
Â	Active Grille Air Shutter

CELLULAR SYSTEM, ENTERTAINMENT SYSTEM, AND NAVIGATION SYSTEM - DIAGNOSTIC TROUBLE CODES

CELLULAR SYSTEM, ENTERTAINMENT SYSTEM, AND NAVIGATION SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Auxiliary Electronic Control Unit Performance

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DTC	Description
Â	Circuit Board Temperature Sensor Above Maximum Threshold (Audio Amplifier)
Â	Circuit Board Temperature Sensor Above Maximum Threshold (Human Machine Interface Control Module)
Â	Audio Output (UQ3)
Â	Audio Output (UQA with Front Bench Seat)
Â	Audio Output (UQA with Front Bucket Seats)
Â	Audio Output (UQS)
Â	Audio Output(UQH)
Â	Universal Serial Bus (USB) Programming
Â	USB 1 Circuit (IO5/IO6)
Â	USB 1 Circuit (IO3)
Â	USB 2 Circuit
Â	Antenna Signal Circuit
Â	Satellite Antenna Circuit
Â	Theft Protection Active
Â	Microphone 1 Input Signal Circuit
Â	Auxiliary Video Input Signal Circuit Open Circuit
Â	Front Video Display Output Signal (X88/Z88 without U42 and IO3)
Â	Front Video Display Output Signal (X88/Z88 with U42)
Â	Front Video Display Output Signal (X88/Z88 with IO3)
Â	Front Video Display Output Signal (Z75)
Â	Rear Seat Entertainment Input Signal Circuit Signal Amplitude < Minimum (without DNU)
Â	Rear Seat Entertainment Input Signal Circuit Signal Amplitude < Minimum (with DNU)
Â	Infotainment Faceplate Control Module
Â	Info Display Module Internal Malfunction
Â	Optical Media Drive
Â	Optical Media Drive Theft Locked
Â	Cellular Phone Microphone Circuit

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DTC	Description
Â	Global Positioning System Signal (IO6 without UE1)
Â	Global Positioning System Signal (OnStar Gen 9.xx - IO6 with UE1 without CV3)
Â	Global Positioning System Signal (OnStar Gen 9.xx - UE1 with IO6 with CV3)
Â	Global Positioning System (OnStar Gen 10)
Â	Cellular Phone Antenna Circuit Malfunction (OnStar Gen 9.xx - UE1 without CV3)
Â	Cellular Phone Antenna Circuit Malfunction (OnStar Gen 9.xx - UE1 with CV3)
Â	Cellular Phone Antenna Circuit Malfunction (OnStar Gen 10)
Â	Cellular Phone Select Service Switch

CRUISE CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODES

CRUISE CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Steering Wheel Controls Distance Sensing Cruise Control Gap Up/Down Signal Circuit
Â	Steering Wheel Angle Sensor Module - Incorrect Component Installed (Distance Sensing Cruise Control)
Â	Driven Wheel Speed - Non Driven Wheel Speed Not Plausible
Â	Vehicle Identification Number Malfunction
Â	Electronic Control Unit Software - Calibration Not Learned (Distance Sensing Cruise Control Module)
Â	Distance Sensing Cruise Control Module Performance
Â	Cruise Control Brake Switch Circuit
Â	Brake Switch Circuit
Â	Cruise Control Switch Signal Message Counter Incorrect
Â	Brake Switch Signal Message Counter Incorrect
Â	Distance Sensing Cruise Control Signal Message Counter Incorrect

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DTC	Description
Â	Front Object Detection Control Module Torque Request Signal Message Counter Incorrect (Distance Sensing Cruise Control Module)
Â	Cruise Control/Vehicle Speed Limiting/Warning Switch

DATA COMMUNICATION SYSTEM - DIAGNOSTIC TROUBLE CODES

DATA COMMUNICATION SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Electronic Control Unit
Â	Option Configuration
Â	Electronic Control Unit Hardware
Â	Electronic Control Unit Software
Â	Electronic Control Unit Hardware
Â	Electronic Control Unit Software
Â	Control Module
Â	Low Speed CAN Bus
Â	MOST Bus
Â	MOST Bus Performance
Â	Control Module Communication Bus A Off/CAN Bus Communication
Â	Control Module Communication Bus B Off (Chassis Expansion Bus)
Â	Control Module Communication Powertrain Expansion CAN Bus Off Malfunction (Powertrain Expansion Bus)
Â	Control Module Communication Object Detection CAN Bus Off
Â	Control Module Communication Chassis Expansion CAN Bus Off
Â	Control Module Communication Low Speed CAN Bus Off
Â	Control Module U Code List
Â	Control Module U Code List
Â	Control Module U Code List
Â	Control Module U Code List
Â	Powertrain Wake-Up Communication Circuit

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DTC	Description
Â	Lost Communication with Electronic Brake Control Module on Chassis Expansion CAN Bus
Â	Lost Communication with Body Control Module on Low Speed CAN Bus
Â	Lost Communication with Fuel Pump Driver Control Module
Â	Lost Communication with Right Object Detection Control Module on Dedicated Bus 1
Â	Primary/Secondary High Speed CAN Bus Subnet Configuration List
Â	MOST Communication Enable Circuit
Â	High Speed Communication Enable Circuit
Â	Object Detection Control Module High Speed Communication Enable Circuit 1
Â	Object Detection Control Module High Speed Communication Enable Circuit 2
Â	Fuel Pump Driver Control Module Lost Communication with ECM
Â	Control Module U Code List

ENGINE CONTROLS/FUEL - 5.3L, 6.2L - DIAGNOSTIC TROUBLE CODES

ENGINE CONTROLS/FUEL - 5.3L, 6.2L - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Camshaft Position Actuator Solenoid Valve Control Circuit
Â	Intake Camshaft Position System Performance
Â	Crankshaft Position - Camshaft Position Not Plausible
Â	HO2S Heater
Â	Throttle Body Air Flow Performance/Intake Air Flow System Performance
Â	Fuel Pressure Regulator Performance
Â	Fuel Pressure Regulator
Â	Intake Air Temperature (IAT) Sensor
Â	Intake Air Temperature (IAT) Sensor

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DTC	Description
Â	Fuel Rail Pressure Low During Engine Cranking
Â	Intake Air Humidity Sensor
Â	Mass Air Flow (MAF) Sensor Performance
Â	Mass Air Flow (MAF) Sensor
Â	Manifold Absolute Pressure (MAP) Sensor Performance
Â	Manifold Absolute Pressure (MAP) Sensor
Â	Intake Air Temperature (IAT) Sensor 1
Â	Engine Coolant Temperature (ECT) Sensor Performance
Â	Engine Coolant Temperature (ECT) Sensor
Â	Throttle Position Sensor/Sensor Communication
Â	Engine Coolant Temperature (ECT) Below Thermostat Regulating Temperature
Â	HO2S Circuit High Voltage Bank
Â	HO2S Slow Response
Â	Fuel Trim System
Â	Fuel Composition Sensor
Â	Fuel Pressure Sensor Performance
Â	Fuel Rail Pressure Sensor Performance
Â	Fuel Rail Pressure Sensor
Â	Cylinder Injector Control Circuit
Â	Fuel Pump Control Circuit
Â	Engine Misfire Detected/Cylinder 8 Misfire
Â	Crankshaft Position System Variation Not Learned
Â	Knock Sensor/Control Module Knock Sensor Processor
Â	Knock Sensor
Â	Crankshaft Position Sensor
Â	Camshaft Position Sensor
Â	Ignition Coil
Â	Catalyst System Low Efficiency Bank
Â	Evaporative Emission (EVAP) System Small Leak Detected

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DTC	Description
Â	Evaporative Emission (EVAP) Purge Solenoid Valve Control Circuit
Â	Evaporative Emission (EVAP) Vent System Performance
Â	Evaporative Emission (EVAP) Vent Solenoid Valve Control Circuit
Â	Fuel Tank Pressure Sensor
Â	Evaporative Emission (EVAP) System Large Leak Detected
Â	Evaporative Emission (EVAP) System Flow During Non-Purge
Â	Idle Speed
Â	Cold Start Rough Idle
Â	Cold Start Intake Camshaft Position System Performance
Â	Brake Pedal Position Sensor
Â	Control Module/VIN Not Programmed or Mismatched (ECM)
Â	Fuel Pump Enable Circuit Low Voltage
Â	5V Reference (ECM)
Â	Malfunction Indicator Lamp (MIL) Control Circuit
Â	Engine Controls Ignition Relay/Ignition 1 Switch Circuit 2
Â	Transmission Control Module Requested MIL Illumination
Â	Cylinder Injector High Control Circuit Shorted to Control Circuit
Â	Fuel Pump Control Module Driver High Temperature
Â	Fuel Rail Pressure Sensor
Â	Fuel Pump Driver Control Module System
Â	Fuel Pump Driver Control Module Ignition On/Start Switch Circuit Low Voltage
Â	Fuel Pump
Â	Fuel Pump Driver Control Module Enable Circuit Performance
Â	Ignition Coil Supply Voltage Circuit Bank
Â	Cold Start Emission Reduction Control System
Â	Throttle Actuator
Â	Control Module Fuel Pressure Regulator 1 Control System Circuitry Performance
Â	Post Catalyst Fuel Trim System

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DTC	Description
Â	Accelerator Pedal Position (APP) Sensor
Â	Cylinder Injector High Control Circuit
Â	Intake Air Temperature (IAT) Sensors 1-2 Not Plausible
Â	Fuel Trim Cylinder Balance Bank
Â	Barometric Pressure (BARO) Sensor
Â	Water in Fuel
Â	Crankshaft Position Signal Output Circuit
Â	Fuel Pump Flow Performance
Â	Chassis Control Module Requested MIL Illumination
Â	Cylinder Deactivation System
Â	Cylinder Deactivation Solenoid Valve Control Circuit

ENGINE COOLING SYSTEM - DIAGNOSTIC TROUBLE CODES

ENGINE COOLING SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Cooling Fan Speed Output
Â	Engine Coolant Over temperature - Protection Mode Active

ENGINE MECHANICAL - 5.3L (L83) OR 6.2L (L86) - DIAGNOSTIC TROUBLE CODES

ENGINE MECHANICAL - 5.3L (L83) OR 6.2L (L86) - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Engine Oil Pressure Control Solenoid Valve
Â	Engine Oil Pressure Control Solenoid Valve Stuck Off

FIXED AND MOVEABLE WINDOWS - DIAGNOSTIC TROUBLE CODES

FIXED AND MOVEABLE WINDOWS - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Rear Defrost Circuit
Â	Window Switch

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DTC	Description
Â	Window Motor

FRAME AND UNDERBODY - DIAGNOSTIC TROUBLE CODES

FRAME AND UNDERBODY - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Left/Right Side Assist Step Motor Control Circuit
Â	Left/Right Assist Step Position Sensor Circuit
Â	Assist Step Disable Switch Circuit Short to Ground
Â	Assist Step Position Sensor Supply Circuit

HORN SYSTEM - DIAGNOSTIC TROUBLE CODES

HORN SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Horn Relay Secondary Circuit

HVAC SYSTEM - AUTOMATIC - DIAGNOSTIC TROUBLE CODES

HVAC SYSTEM - AUTOMATIC - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Passenger Compartment Temperature Sensor/Solar Load Sensor/ Control Module Voltage Reference Output 2
Â	Duct Air Temperature Sensor
Â	Front Blower Motor Speed Circuit
Â	Front Blower Motor Speed Circuit
Â	Recirculation Control/Temperature Control /Main Temperature Control/Air Flow Control Circuit
Â	Auxiliary Electronic Control Unit (ECU) Internal Malfunction
Â	Air Conditioning Compressor Valve Control Circuit
Â	Air Conditioning (A/C) Refrigerant Pressure Sensor
Â	Air Conditioning (A/C) Compressor Clutch Relay

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HYDRAULIC BRAKE SYSTEM - DIAGNOSTIC TROUBLE CODES

HYDRAULIC BRAKE SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Low Brake Fluid Indicated
Â	Brake Fluid Level Switch Circuit
Â	Brake Booster Large Vacuum Leak Detected
Â	Brake Booster Vacuum Sensor Circuit

IMMOBILIZER SYSTEM - DIAGNOSTIC TROUBLE CODES

IMMOBILIZER SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Security Sensor Data Circuit (with BTM)
Â	Security Sensor Data Circuit (without BTM)
Â	Mobile Telephone Communications Interface Requested Immobilization
Â	Security Controller In Learn Mode (without BTM)
Â	Security Controller In Learn Mode (with BTM)
Â	No Transponder Modulation or No Transponder
Â	Immobilizer Transponder of Wrong Type Programmed
Â	Environment Identification
Â	Incorrect Immobilizer Identifier Received
Â	Incorrect Environmental Identifier
Â	Transponder Authentication
Â	Unconfigured Transponder
Â	Incorrect Environmental Identifier
Â	Device 1 Environment Identifier Not Programmable
Â	Immobilizer Key Incorrect
Â	Immobilizer Key Not Programmed
Â	Remote Vehicle Speed Limiting Signal Message Counter Incorrect
Â	Immobilizer Fuel Enable Signal Not Correct

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DTC	Description
Â	Immobilizer Security Code Not Programmed

INSTRUMENT PANEL SYSTEM DISPLAYS AND GAUGES - DIAGNOSTIC TROUBLE CODES

INSTRUMENT PANEL SYSTEM DISPLAYS AND GAUGES - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Ambient Air Temperature Sensor
Â	Odometer Circuit General Memory Malfunction
Â	Universal Serial Bus (USB) Programming
Â	Head-Up Display Module
Â	Head-Up Display Switch
Â	Ambient Air Temperature Sensor
Â	Fuel Level Sensor
Â	Engine Oil Pressure Sensor
Â	Engine Oil Level Switch Circuit

INSTRUMENT PANEL TRIM AND CONSOLE TRIM - DIAGNOSTIC TROUBLE CODES

INSTRUMENT PANEL TRIM AND CONSOLE TRIM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Instrument Panel Compartment Door Latch Actuator Circuit

KEYLESS ENTRY SYSTEM AND REMOTE FUNCTIONS - DIAGNOSTIC TROUBLE CODES

KEYLESS ENTRY SYSTEM AND REMOTE FUNCTIONS - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Challenge Active Circuit
Â	Keyless Entry Data Link Circuit
Â	Keyless Entry Transmitters
Â	Keyless Entry Data Link
Â	Keyless Entry Transmitter
Â	Keyless Entry Transmitter

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DTC	Description
Â	Keyless Entry Antenna 1
Â	Keyless Entry Antenna 2 High Voltage/Open
Â	Keyless Entry Antenna 3
Â	Keyless Entry Antenna 4
Â	Keyless Entry Antenna 5
Â	Keyless Entry Antenna 6

LIGHTING SYSTEM - DIAGNOSTIC TROUBLE CODES

LIGHTING SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Stop Lamp Switch Circuit Not Plausible
Â	Control Module Voltage Reference Output 1
Â	Battery Rundown Protection Circuit Short to Ground
Â	Front Fog Lamps
Â	Backup Lamps
Â	Passenger Compartment Lamp
Â	Interior Door Handle Backlight
Â	Headlamps Control Circuit
Â	Headlamp Switch Input Signals Correlation Malfunction
Â	High Beam Control
Â	Low Beam Control Circuit
Â	Left/Right Cornering Lamp
Â	Left/Right Daytime Running Lamps
Â	Daytime Running Lamps Control
Â	Passenger Compartment Dimming 1
Â	Passenger Compartment Dimming 2
Â	Display Dimming Pulse Width Modulation Output
Â	Exterior Illumination Lamp
Â	Ambient Light Sensor
Â	Front Fog Lamp Switch Circuit Malfunction

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DTC	Description
Â	Hazard Lamps Request Circuit Malfunction
Â	Passenger Compartment Dimming Request Signal
Â	High Beam Request Signal Circuit Performance - Signal Invalid
Â	High Beam and Headlamp Flash Select Circuit Malfunction
Â	Tail Lamp Circuit Short to Ground
Â	License Plate Lamp
Â	Center High Mounted Stop Lamp
Â	Trailer Left Tail Lamp/Trailer Right Tail Lamp
Â	Trailer Left Turn Signal /Trailer Right Turn Signal
Â	Trailer Brake Lamps
Â	Trailer Lamps Number of Intermittent Short Circuit Detections Exceeded Signal Cross Coupled
Â	Trailer Backup Lamps
Â	Trailer Fog Lamps
Â	Left/Right Front Turn Signal
Â	Left/Right Rear Turn Signal
Â	Brake Pedal Position Sensor/Control Module Voltage Reference Output 3
Â	Brake Applied Output

MIRROR SYSTEM - DIAGNOSTIC TROUBLE CODES

MIRROR SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Driver/Passenger Mirror Internal Malfunction

OBJECT DETECTION SYSTEM - PARK ASSIST SYSTEM - DIAGNOSTIC TROUBLE CODES

OBJECT DETECTION SYSTEM - PARK ASSIST SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Right Side Object Detection Control Module

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DTC	Description
Â	Parking Assist Front Sensor
Â	Parking Assist Rear Sensor
Â	Parking Assist On/Off Switch Circuit
Â	Parking Assist On/Off Switch Indicator Circuit (Chevrolet, GMC)
Â	Parking Assist On/Off Switch Indicator Circuit (Cadillac, without UGN)
Â	Parking Assist On/Off Switch Indicator Circuit (Cadillac, with UGN)
Â	Vehicle Direction Camera Indicator Circuit (Chevrolet, GMC)
Â	Vehicle Direction Camera Indicator Circuit (Cadillac, without UGN)
Â	Vehicle Direction Camera Indicator Circuit (Cadillac, with UGN)
Â	Calibration Data Not Programmed
Â	System Disabled Information Stored Malfunction
Â	Vehicle Identification Number Information
Â	Rearview Camera Input Signal Circuit Missing Reference (UVC)
Â	Rearview Camera Input Signal Circuit (UVH)
Â	Control Module Voltage Reference Output 2 Circuit (with UD5)
Â	Control Module Voltage Reference Output 2 Circuit (with UD7)
Â	Driver Seat Cushion
Â	Vehicle Direction Warning Switch Circuit
Â	Short Range Object Sensor Performance
Â	Long Range Radar Sensor Module
Â	Frontview Camera Module
Â	Frontview Camera
Â	Rearview Camera
Â	Sideview Camera
Â	Sideview Camera
Â	Frontview Camera Supply Circuit
Â	Rearview Camera Supply Circuit
Â	Sideview Camera
Â	Sideview Camera

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DTC	Description
Â	Front Object Detection Control Module Torque Request Signal Message Counter Incorrect

PARKING BRAKE - DIAGNOSTIC TROUBLE CODES

PARKING BRAKE - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Park Brake
Â	Park Brake Slip Detected
Â	Park Brake Solenoid Actuator Current Sensor
Â	Park Brake Switch
Â	Park Brake Unlatch Switch
Â	Calibration Data
Â	System Disabled Information Stored Invalid Data
Â	Electronic Control Unit
Â	Electronic Control Unit
Â	Printed Circuit Board

POWER DOOR LOCK SYSTEM AND RELEASE SYSTEMS - DIAGNOSTIC TROUBLE CODES

POWER DOOR LOCK SYSTEM AND RELEASE SYSTEMS - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Passenger/Driver Exterior Door Handle Switch
Â	Left/Right Rear Door Handle Switch
Â	Liftgate Position Sensor Signal Circuit Performance
Â	Liftgate Latch Control Circuit/Power Liftgate Latch Release Motor Circuit
Â	Child Security Lock Switch Circuit
Â	Child Security Lock Switch Indicator Circuit
Â	Driver Door Open Switch Circuit Not Plausible
Â	All Doors Unlock/Lock (With UTT)

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DTC	Description
Â	All Doors Unlock/ Lock (Without UTT)
Â	Driver Door Unlock/Lock Switch - Passenger Door Unlock/Lock Switch
Â	Hands Free Sensor Signal/Hands Free Liftgate Sensor Module
Â	Rear Cargo Door Unlock /Lock
Â	Trunk Lid Unlatch Output Circuit
Â	Exterior Liftgate Unlatch Switch Circuit Malfunction
Â	All Door Dead Lock Circuit
Â	Keyless Entry Output Signal Circuit
Â	Child Security Lock Motors Circuit
Â	Liftgate Close Switch Malfunction
Â	Liftgate Control Module
Â	Liftgate Handle Switch Malfunction (Without TB5)
Â	Liftgate Handle Switch Malfunction (With TB5)
Â	Liftgate Interior Release Open/Close Switch Malfunction
Â	Liftgate Latch Switches Malfunction
Â	Liftgate Object Sensor Malfunction
Â	Liftgate Motor Power Open/Close Malfunction

POWER SEAT SYSTEM - DIAGNOSTIC TROUBLE CODES

POWER SEAT SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Control Module Voltage Reference/Driver Seat Position Sensor
Â	Driver Seat Switch
Â	Seat Adjuster Switch Internal Malfunction
Â	Driver Memory Select Switch
Â	Driver Seat Motors Group 1 Common Circuit
Â	Seat Lumbar/Bolster Pump
Â	Seat Bolster Memory Control Module Internal Malfunction

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POWER STEERING SYSTEM - DIAGNOSTIC TROUBLE CODES

POWER STEERING SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Control Module Temperature Sensor High Temperature
Â	Steering Assist Smooth Road Shake Compensation Disabled Too Many Transitions
Â	Electric Steering Motor
Â	Steering Wheel Angle Sensor Signal Not Plausible
Â	Steering Wheel Torque Sensor
Â	Electronic Control Unit Hardware (Power Steering Control Module)

SEAT HEATING SYSTEM AND SEAT COOLING SYSTEM - DIAGNOSTIC TROUBLE CODES

SEAT HEATING SYSTEM AND SEAT COOLING SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Front/Right Heated Seat Module
Â	Driver/Passenger Seat Temperature Request Circuit
Â	Left/Right Front Seat Heating Switch

SECONDARY AND CONFIGURABLE CUSTOMER CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODES

SECONDARY AND CONFIGURABLE CUSTOMER CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Steering Wheel Controls Signal Circuit Protection Time-Out (With Z75)
Â	Steering Wheel Controls Signal Circuit (Without Z75)

SHIFT LOCK CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODES

SHIFT LOCK CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description

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DTC	Description
Â	Park Lock Solenoid Control

STEERING WHEEL AND STEERING COLUMN - DIAGNOSTIC TROUBLE CODES

STEERING WHEEL AND STEERING COLUMN - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Integral Switch Malfunction
Â	Inverted Run/Start Power Relay Circuit
Â	Steering Column Lock Motor Feedback Circuit Not Plausible
Â	Steering Column Position Module
Â	Steering Column Lock Motor Lock Circuit
Â	Steering Column Lock Password Incorrect
Â	No Response From Steering Column Lock Received
Â	Steering Column Lock Solenoid Actuator Unlocked Signal Circuit

SUPPLEMENTAL INFLATABLE RESTRAINT SYSTEM - DIAGNOSTIC TROUBLE CODES

SUPPLEMENTAL INFLATABLE RESTRAINT SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Driver Steering Wheel Air Bag Deployment Loop Stage
Â	Driver Seat
Â	Driver/Passenger Seat Belt
Â	Left/Right Roof Rail Air Bag Deployment Loop
Â	Passenger Instrument Panel Air Bag Deployment Loop Stage 1/ 2
Â	Deployment Commanded
Â	Passenger Seat Belt Tension Sensor
Â	Passenger Seat Position Sensor
Â	Passenger Presence Module(Inflatable Restraint Sensing and Diagnostic Module)
Â	Passenger Presence Module(Passenger Presence Module)
Â	Impact Sensor

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DTC	Description
Â	Center Front Impact Sensor
Â	Rollover Protection Disable Switch Circuit
Â	Rollover Protection OFF Indicator Circuit/Passenger Air Bag On Indicator Circuit
Â	Option Configuration Error(Passenger Presence System)
Â	SDM Option Configuration Error(Inflatable Restraint Sensing and Diagnostic Module)
Â	System Configuration Error

SUSPENSION CONTROL SYSTEM - SUSPENSION DAMPING - DIAGNOSTIC TROUBLE CODES

SUSPENSION CONTROL SYSTEM - SUSPENSION DAMPING - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Printed Circuit Board Temperature Sensor
Â	Shock Absorber Actuator Circuit
Â	Position Sensor Circuit
Â	Position Sensor 5V Supply

SUSPENSION CONTROL SYSTEM - SUSPENSION LEVELING SYSTEM - DIAGNOSTIC TROUBLE CODES

SUSPENSION CONTROL SYSTEM - SUSPENSION LEVELING SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Left/Right Rear Position Sensor Circuit (With Z85)
Â	Level Control Exhaust Solenoid Valve Circuit (With Z95)
Â	Level Control Exhaust Solenoid Valve Circuit (With Z85)
Â	Level Control Air Pressure Sensor (With Z85)
Â	Level Control Air Pressure Sensor Malfunction Signal Invalid(With Z95)
Â	Vehicle Level Control Compressor Relay (With Z95)
Â	Vehicle Level Control Compressor Relay (With Z85)

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THEFT DETERRENT SYSTEM - DIAGNOSTIC TROUBLE CODES

THEFT DETERRENT SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Content Theft Deterrent Assembly
Â	Content Theft Deterrent Sensor

TIRE PRESSURE MONITORING SYSTEM - DIAGNOSTIC TROUBLE CODES

TIRE PRESSURE MONITORING SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	System Configuration Malfunction
Â	Tire Pressure Sensor
Â	Tire Pressure Monitoring System Sensors Malfunction

TRAILER BRAKE CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODES

TRAILER BRAKE CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Manual Trailer Brake/Device Voltage Reference Output 2
Â	Trailer Brake Power Control Module
Â	Trailer Brake Power Control Module

TRANSFER CASE - MP 3010-NP0 - DIAGNOSTIC TROUBLE CODES

TRANSFER CASE - MP 3010-NP0 - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	AWD Indicator Circuit
Â	4WD HI Indicator Circuit
Â	2WD HI Indicator Circuit
Â	Transfer Case Range Selection Switch
Â	Range Actuator System Performance/Range Actuator Control Circuit
Â	Range Actuator Lock Control System

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DTC	Description
Â	Front Axle System
Â	General System Performance Temperature High
Â	Unable to Complete Shift
Â	Range Actuator - Position Not Learned
Â	Transfer Case Range Position Sensor/5V Reference 1
Â	Range Actuator Position Sensor/5V Reference 2
Â	Transfer Case Clutch
Â	Range Actuator Position - Range Position Correlation
Â	Electronic Control Unit (ECU)
Â	System Configuration Error Calibration Not Learned
Â	Device Voltage Range
Â	Control Module
Â	Vehicle Speed Sensor (VSS) 2
Â	Transfer Case/Four Wheel Drive (4WD) Neutral Range Performance
Â	Transfer Case/Four Wheel Drive (4WD) Neutral Range Performance (L83)

TRANSFER CASE - MP 3023/3024-NQH - DIAGNOSTIC TROUBLE CODES

TRANSFER CASE - MP 3023/3024-NQH - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	AWD Indicator Circuit
Â	4WD HI Indicator Circuit
Â	4WD LO Indicator Circuit
Â	2WD HI Indicator Circuit
Â	Neutral Indicator Circuit
Â	Transfer Case Range Selection Switch/5V Reference 3 Circuit
Â	Range Actuator Control
Â	Range Actuator Lock Control
Â	Front Axle System
Â	General System Performance Temperature High

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DTC	Description
Â	Unable to Complete Shift
Â	Range Actuator - Position Not Learned
Â	Transfer Case Range Position Sensor/5V Reference 1
Â	Range Actuator Position Sensor/5V Reference 2
Â	Transfer Case
Â	Range Actuator Position
Â	Electronic Control Unit
Â	System Configuration Error Calibration Not Learned
Â	Control Module
Â	Device Voltage Range
Â	Vehicle Speed Sensor (VSS) 2
Â	Four Wheel Drive (4WD) High Range Performance
Â	Transfer Case/Four Wheel Drive (4WD) Neutral Range Performance
Â	Transfer Case/Four Wheel Drive (4WD) (L83)
Â	Four Wheel Drive (4WD) Low Range Performance
Â	Four Wheel Drive (4WD) Neutral Range Performance

WIPER SYSTEM AND WASHER SYSTEM - DIAGNOSTIC TROUBLE CODES

WIPER SYSTEM AND WASHER SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
Â	Rain Sensor
Â	Rear Wiper Switch
Â	Windshield Wiper
Â	Rear Washer Relay Circuit
Â	Front Washer Relay Circuit

WIRING SYSTEMS AND POWER MANAGEMENT - DIAGNOSTIC TROUBLE CODES

WIRING SYSTEMS AND POWER MANAGEMENT - DIAGNOSTIC TROUBLE CODES

DTC	Description

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DTC	Description
Â	In Park Switch Circuit
Â	Power Mode Start Switch Circuit
Â	Power Mode Run/Start Indicator Circuit
Â	Control Module Ignition On and Start Circuit (Instrument Cluster)
Â	Control Module Ignition
Â	Control Module Voltage Output Circuit
Â	Run Power Relay Circuit
Â	Run/Crank Power Relay Circuit
Â	Accessory Power Circuit
Â	Interruptible RAP Relay Circuit
Â	Ignition On/Start Switch
Â	Ignition Accessory Switch Circuit Low Voltage

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