

Related to: Fuel and Air Metering

P0001	Fuel Volume Regulator Control Circuit/Open
P0002	Fuel Volume Regulator Control Circuit Range/Performance
P0003	Fuel Volume Regulator Control Circuit Low
P0004	Fuel Volume Regulator Control Circuit High
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P0007	Fuel Shutoff Valve Control Circuit High
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P0009	Engine Position System Performance (Bank2)
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P0012	A Camshaft Position - Timing Over-Retarded (Bank 1)
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P0154	O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 1)
P0155	O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 1)
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P0159	O2 Sensor Circuit Slow Response (Bank 2 Sensor 2)
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P0180	Fuel Temperature Sensor A Circuit Malfunction
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P0182	Fuel Temperature Sensor A Circuit low Input
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P0186	Fuel Temperature Sensor B Circuit Range/Performance

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P0191	Fuel Rail Pressure Sensor Circuit Range/Performance
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P0193	Fuel Rail Pressure Sensor Circuit High Input
P0194	Fuel Rail Pressure Sensor Circuit Intermittent
P0195	Engine Oil Temperature Sensor Malfunction
P0196	Engine Oil Temperature Sensor Range/Performance
P0197	Engine Oil Temperature Sensor Low
P0198	Engine Oil Temperature Sensor High
P0199	Engine Oil Temperature Sensor Intermittent
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P0201	Injector Circuit Malfunction - Cylinder 1
P0202	Injector Circuit Malfunction - Cylinder 2
P0203	Injector Circuit Malfunction - Cylinder 3
P0204	Injector Circuit Malfunction - Cylinder 4
P0205	Injector Circuit Malfunction - Cylinder 5
P0206	Injector Circuit Malfunction - Cylinder 6
P0207	Injector Circuit Malfunction - Cylinder 7
P0208	Injector Circuit Malfunction - Cylinder 8
P0209	Injector Circuit Malfunction - Cylinder 9
P0210	Injector Circuit Malfunction - Cylinder 10
P0211	Injector Circuit Malfunction - Cylinder 11
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P0213	Cold Start Injector 1 Malfunction
P0214	Cold Start Injector 2 Malfunction
P0215	Engine Shutoff Solenoid Malfunction
P0216	Injection Timing Control Circuit Malfunction
P0217	Engine Overtemp Condition
P0218	Transmission Over Temperature Condition
P0219	Engine Over Speed Condition
P0220	Throttle/Pedal Position Sensor/Switch B Circuit Malfunction
P0221	Throttle/pedal Position Sensor/Switch B Circuit Range/Performance Problem
P0222	Throttle/pedal Position Sensor/Switch B Circuit Low Input
P0223	Throttle/Pedal Position Sensor/Switch B Circuit High Input
P0224	Throttle/Pedal Position Sensor/Switch B Circuit Intermittent
P0225	Throttle/Pedal Position Sensor/Switch C Circuit Malfunction
P0226	Throttle/Pedal Position Sensor/Switch C Circuit Range/Performance Problem
P0227	Throttle/Pedal Position Sensor/Switch C Circuit Low Input
P0228	Throttle/Pedal Position Sensor/Switch C Circuit High Input
P0229	Throttle/Pedal Position Sensor/Switch C Circuit Intermittent
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P0231	Fuel Pump Secondary Circuit Low
P0232	Fuel Pump Secondary Circuit High
P0233	Fuel Pump Secondary Circuit Intermittent
P0234	Engine Overboost Condition
P0235	Turbocharger Boost Sensor A Circuit Malfunction
P0236	Turbocharger Boost Sensor A Circuit Range/Performance
P0237	Turbocharger Boost Sensor A Circuit Low
P0238	Turbocharger Boost Sensor A Circuit High

P0239	Turbocharger Boost Sensor B Circuit Malfunction
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P0242	Turbocharger Boost Sensor B Circuit High
P0243	Turbocharger Wastegate Solenoid A Malfunction
P0244	Turbocharger Wastegate Solenoid A Range/Performance
P0245	Turbocharger Wastegate Solenoid A low
P0246	Turbocharger Wastegate Solenoid A High
P0247	Turbocharger Wastegate Solenoid B Malfunction
P0248	Turbocharger Wastegate Solenoid B Range/Performance
P0249	Turbocharger Wastegate Solenoid B Low
P0250	Turbocharger Wastegate Solenoid B High
P0251	Injection Pump Fuel Metering Control "A" Malfunction (Cam/Rotor/Injector)
P0252	Injection Pump Fuel Metering Control "A" Range/Performance (Cam/Rotor/Injector)
P0253	Injection Pump Fuel Metering Control "A" Low (Cam/Rotor/Injector)
P0254	Injection Pump Fuel Metering Control "A" High (Cam/Rotor/Injector)
P0255	Injection Pump Fuel Metering Control "A" Intermittent (Cam/Rotor/Injector)
P0256	Injection Pump Fuel Metering Control "B" Malfunction (Cam/Rotor/Injector)
P0257	Injection Pump Fuel Metering Control "B" Range/Performance (Cam/Rotor/Injector)
P0258	Injection Pump Fuel Metering Control "B" Low (Cam/Rotor/Injector)
P0259	Injection lump Fuel Metering Control "B" High (Cam/Rotor/Injector)
P0260	Injection Pump Fuel Metering Control "B" Intermittent (Cam/Rotor/Injector)
P0261	Cylinder 1 Injector Circuit Low
P0262	Cylinder 1 Injector Circuit High
P0263	Cylinder 1 Contribution/Balance Fault
P0264	Cylinder 2 Injector Circuit Low

P0265	Cylinder 2 Injector Circuit High
P0266	Cylinder 2 Contribution/Balance Fault
P0267	Cylinder 3 Injector Circuit Low
P0268	Cylinder 3 Injector Circuit High
P0269	Cylinder 3 Contribution/Balance Fault
P0270	Cylinder 4 Injector Circuit Low
P0271	Cylinder 4 Injector Circuit High
P0272	Cylinder 4 Contribution/Balance Fault
P0273	Cylinder 5 Injector Circuit Low
P0274	Cylinder 5 Injector Circuit High
P0275	Cylinder 5 Contribution/Balance Fault
P0276	Cylinder 6 Injector Circuit Low
P0277	Cylinder 6 Injector Circuit High
P0278	Cylinder 6 Contribution/Balance Fault
P0279	Cylinder 7 Injector Circuit Low
P0280	Cylinder 7 Injector Circuit High
P0281	Cylinder 7 Contribution/Balance Fault
P0282	Cylinder 8 Injector Circuit Low
P0283	Cylinder 8 Injector Circuit High
P0284	Cylinder 8 Contribution/Balance Fault
P0285	Cylinder 9 Injector Circuit Low
P0286	Cylinder 9 Injector Circuit High
P0287	Cylinder 9 Contribution/Balance Fault
P0288	Cylinder 10 Injector Circuit Low
P0289	Cylinder 10 Injector Circuit High
P0290	Cylinder 10 Contribution/balance Fault

- P0291 Cylinder 11 Injector Circuit Low
- P0292 Cylinder 11 Injector Circuit High
- P0293 Cylinder 11 Contribution/balance Fault
- P0294 Cylinder 12 Injector Circuit Low
- P0295 Cylinder 12 Injector Circuit High
- P0296 Cylinder 12 Contribution/Balance Fault

Related to: Ignition System and Misfire Detection

- P0300 Random/Multiple Cylinder Misfire Detected
- P0301 Cylinder 1 Misfire Detected
- P0302 Cylinder 2 Misfire Detected
- P0303 Cylinder 3 Misfire Detected
- P0304 Cylinder 4 Misfire Detected
- P0305 Cylinder 5 Misfire Detected
- P0306 Cylinder 6 Misfire Detected
- P0307 Cylinder 7 Misfire Detected
- P0308 Cylinder 8 Misfire Detected
- P0309 Cylinder 9 Misfire Detected
- P0310 Cylinder 10 Misfire Detected
- P0311 Cylinder 11 Misfire Detected
- P0312 Cylinder 12 Misfire Detected
- P0320 Ignition/Distributor Engine Speed Input Circuit Malfunction
- P0321 Ignition/Distributor Engine Speed Input Circuit Range/Performance
- P0322 Ignition/Distributor Engine Speed Input Circuit No Signal

P0323	Ignition/Distributor Engine Speed Input Circuit Intermittent
P0325	Knock Sensor 1 Circuit Malfunction (Bank 1 or Single Sensor)
P0326	Knock Sensor 1 Circuit Range/Performance (Bank 1 or Single Sensor)
P0327	Knock Sensor 1 Circuit low Input (Bank 1 or Single Sensor)
P0328	Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)
P0329	Knock Sensor 1 Circuit Input Intermittent (Bank 1 or Single Sensor)
P0330	Knock Sensor 2 Circuit Malfunction (Bank 2)
P0331	Knock Sensor 2 Circuit Range/Performance (Bank )
P0332	Knock Sensor 2 Circuit Low Input (Bank 2)
P0333	Knock Sensor 2 Circuit High Input (Bank 2)
P0334	Knock Sensor 2 Circuit Input Intermittent (Bank 2)
P0335	Crankshaft Position Sensor A Circuit Malfunction
P0336	Crankshaft Position Sensor A Circuit Range/Performance
P0337	Crankshaft Position Sensor A Circuit Low Input
P0338	Crankshaft Position Sensor A Circuit High Input
P0339	Crankshaft Position Sensor A Circuit Intermittent
P0340	Camshaft Position Sensor Circuit Malfunction
P0341	Camshaft Position Sensor Circuit Range/Performance
P0342	Camshaft Position Sensor Circuit Low Input
P0343	Camshaft Position Sensor Circuit High Input
P0344	Camshaft Position Sensor Circuit Intermittent
P0350	Ignition Coil Primary/Secondary Circuit Malfunction
P0351	Ignition Coil A Primary/Secondary Circuit Malfunction
P0352	Ignition Coil B Primary/Secondary Circuit Malfunction
P0353	Ignition Coil C Primary/Secondary Circuit Malfunction
P0354	Ignition Coil D Primary/Secondary Circuit Malfunction

P0355	Ignition Coil B Primary/Secondary Circuit Malfunction
P0356	Ignition Coil F Primary/Secondary Circuit Malfunction
P0357	Ignition Coil G Primary/Secondary Circuit Malfunction
P0358	Ignition Coil H Primary/Secondary Circuit Malfunction
P0359	Ignition Coil I Primary/Secondary Circuit Malfunction
P0360	Ignition Coil I Primary/Secondary Circuit Malfunction
P0361	Ignition Coil K Primary/Secondary Circuit Malfunction
P0362	Ignition Coil L Primary/Secondary Circuit Malfunction
P0370	Timing Reference High Resolution Signal A Malfunction
P0371	Timing Reference High Resolution Signal A Too Many Pulses
P0372	Timing Reference High Resolution Signal A Too Few Pulses
P0373	Timing Reference High Resolution Signal A Intermittent/Erratic Pulses
P0374	Timing Reference High Resolution Signal A No Pulses
P0375	Timing Reference High Resolution Signal B Malfunction
P0376	Timing Reference High Resolution Signal B Too Many Pulses
P0377	Timing Reference High Resolution Signal B Too Few Pulses
P0378	Timing Reference High Resolution Signal B Intermittent/Erratic Pulses
P0379	Timing Reference High Resolution Signal B No Pulses
P0380	Glow Plug/Heater Circuit "A" Malfunction
P0381	Glow Plug/Heater Indicator Circuit Malfunction
P0382	Glow Plug/Heater Circuit "B" Malfunction
P0385	Crankshaft Position Sensor B Circuit Malfunction
P0386	Crankshaft Position Sensor B Circuit Range/Performance
P0387	Crankshaft Position Sensor B Circuit Low Input
P0388	Crankshaft Position Sensor B Circuit High Input
P0389	Crankshaft Position Sensor B Circuit Intermittent

Related to: Auxilliary Emission Controls. EGR, EVAP etc.

P0400	Exhaust Gas Recirculation Flow Malfunction
P0401	Exhaust Gas Recirculation Flow Insufficient Detected
P0402	Exhaust Gas Recirculation Flow Excessive Detected
P0403	Exhaust Gas Recirculation Circuit Malfunction
P0404	Exhaust Gas Recirculation Circuit Range/Performance
P0405	Exhaust Gas Recirculation Sensor A Circuit Low
P0406	Exhaust Gas Recirculation Sensor A Circuit High
P0407	Exhaust Gas Recirculation Sensor B Circuit Low
P0408	Exhaust Gas Recirculation Sensor B Circuit High
P0410	Secondary Air Injection System Malfunction
P0411	Secondary Air Injection System Incorrect Flow Detected
P0412	Secondary Air Injection System Switching Valve A Circuit Malfunction
P0413	Secondary Air Injection System Switching Valve A Circuit Open
P0414	Secondary Air Injection System Switching Valve A Circuit Shorted
P0415	Secondary Air Injection System Switching Valve B Circuit Malfunction
P0416	Secondary Air Injection System Switching Valve B Circuit Open
P0417	Secondary Air Injection System Switching Valve B Circuit Shorted
P0418	Secondary Air Injection System Relay A circuit Malfunction
P0419	Secondary Air Injection System Relay B Circuit Malfunction
P0420	Catalyst System Efficiency Below Threshold (Bank 1)
P0421	Warm Up Catalyst Efficiency Below Threshold (Bank 1)
P0422	Main Catalyst Efficiency Below Threshold (Bank 1)

P0423	Heated Catalyst Efficiency Below Threshold (Bank 1)
P0424	Heated Catalyst Temperature Below Threshold (Bank 1)
P0430	Catalyst System Efficiency Below Threshold (Bank 2)
P0431	Warm Up Catalyst Efficiency Below Threshold (Bank 2)
P0432	Main Catalyst Efficiency Below Threshold (Bank 2)
P0433	Heated Catalyst Efficiency Below Threshold (Bank 2)
P0434	Heated Catalyst Temperature Below Threshold (Bank 2)
P0440	Evaporative Emission Control System Malfunction
P0441	Evaporative Emission Control System Incorrect Purge flow
P0442	Evaporative Emission Control System leak Detected (small leak)
P0443	Evaporative Emission Control System Purge Control Valve circuit Malfunction
P0444	Evaporative Emission Control System Purge Control Valve Circuit Open
P0445	Evaporative Emission Control System Purge Control Valve Circuit Shorted
P0446	Evaporative Emission Control System Vent Control Circuit Malfunction
P0447	Evaporative Emission Control System Vent Control Circuit Open
P0448	Evaporative Emission Control System Vent Control Circuit Shorted
P0449	Evaporative Emission Control System Vent Valve/Solenoid Circuit Malfunction
P0450	Evaporative Emission Control System Pressure Sensor Malfunction
P0451	Evaporative Emission Control System Pressure Sensor Range/Performance
P0452	Evaporative Emission Control System Pressure Sensor Low Input
P0453	Evaporative Emission Control System Pressure Sensor High Input
P0454	Evaporative Emission Control System Pressure Sensor Intermittent
P0455	Evaporative Emission Control System Tank Detected (gross leak)
P0460	Fuel Level Sensor Circuit Malfunction
P0461	Fuel Level Sensor Circuit Range/Performance
P0462	Fuel level Sensor Circuit Low Input



P0463	Fuel level Sensor Circuit High Input
P0464	Fuel level Sensor Circuit Intermittent
P0465	Purge Flow Sensor Circuit Malfunction
P0466	Purge flow Sensor Circuit Range/Performance
P0467	Purge Flow Sensor Circuit Low Input
P0468	Purge flow Sensor Circuit High Input
P0469	Purge flow Sensor Circuit Intermittent
P0470	Exhaust Pressure Sensor Malfunction
P0471	Exhaust Pressure Sensor Range/Performance
P0472	Exhaust Pressure Sensor Low
P0473	Exhaust Pressure Sensor High
P0474	Exhaust Pressure Sensor Intermittent
P0475	Exhaust Pressure Control Valve Malfunction
P0476	Exhaust Pressure Control Valve Range/Performance
P0477	Exhaust Pressure Control Valve Low
P0478	Exhaust Pressure Control Valve High
P0479	Exhaust Pressure Control Valve Intermittent
P0480	Cooling Fan 1 Control Circuit Malfunction
P0481	Cooling Fan 2 Control Circuit Malfunction
P0482	Cooling Fan 3 Control Circuit Malfunction
P0483	Cooling Fan Rationality Check Malfunction
P0484	Cooling Fan Circuit Over Current
P0485	Cooling Fan Power/Ground Circuit Malfunction

Related to: Vehicle Speed, Idle Control, and Auxiliary Inputs

P0500	Vehicle Speed Sensor Malfunction
P0501	Vehicle Speed Sensor Range/Performance
P0502	Vehicle Speed Sensor Circuit Low Input
P0503	Vehicle Speed Sensor Intermittent/Erratic/High
P0505	Idle Control System Malfunction
P0506	Idle Control System RPM lower Than Expected
P0507	Idle Control System RPM higher Than Expected
P0510	Closed Throttle Position Switch Malfunction
P0520	Engine Oil Pressure Sensor/Switch Circuit Malfunction
P0521	Engine Oil Pressure Sensor/Switch Range/Performance
P0522	Engine Oil Pressure Sensor/Switch Low Voltage
P0523	Engine Oil Pressure Sensor/Switch High Voltage
P0530	A/C Refrigerant Pressure Sensor Circuit Malfunction
P0531	A/C Refrigerant Pressure Sensor Circuit Range/Performance
P0532	A/C Refrigerant Pressure Sensor Circuit Low Input
P0533	A/C Refrigerant pressure Sensor Circuit High Input
P0534	Air Conditioner Refrigerant Charge Loss
P0550	Power Steering Pressure Sensor Circuit Malfunction
P0551	Power Steering Pressure Sensor Circuit Range/Performance
P0552	Power Steering Pressure Sensor Circuit Low Input
P0553	Power Steering Pressure Sensor Circuit High Input
P0554	Power Steering Pressure sensor Circuit Intermittent
P0560	System Voltage Malfunction
P0561	System Voltage Unstable
P0562	System Voltage Low

P0563	System Voltage High
P0565	Cruise Control On Signal Malfunction
P0566	Cruise Control Off Signal Malfunction
P0567	Cruise Control Resume Signal Malfunction
P0568	Cruise Control Set Signal Malfunction
P0569	Cruise Control Coast Signal Malfunction
P0570	Cruise Control Accel Signal Malfunction
P0571	Cruise Control/Brake Switch A Circuit Malfunction
P0572	Cruise Control/Brake Switch A Circuit Low
P0573	Cruise Control/Brake Switch A Circuit High
P0574	through P0580 Reserved for Cruise Codes

Related to: Computer and Auxiliary Outputs

P0600	Serial Communication Link Malfunction
P0601	Internal Control Module Memory Check Sum Error
P0602	Control Module Programming Error
P0603	Internal Control Module Keep Alive Memory (KAM) Error
P0604	Internal Control Module RAM Error
P0605	Internal Control Module ROM Error (Module Identification Defined by SAE J1979)
P0606	PCM Processor Fault
P0608	Control Module VSS Output "A" Malfunction
P0609	Control Module VSS Output "B" Malfunction
P0620	Generator Control Circuit Malfunction
P0621	Generator Lamp "L" Control Circuit Malfunction

P0622 Generator Field "F" Control Circuit Malfunction  
P0650 Malfunction Indicator Lamp (MIL) Control Circuit Malfunction  
P0654 Engine RPM Output Circuit Malfunction  
P0655 Engine Hot Lamp Output Control Circuit Malfunction  
P0656 Fuel Level Output Circuit Malfunction

Other:

P0700 Transmission Control System Malfunction  
P0701 Transmission Control System Range/Performance  
P0702 Transmission Control System Electrical  
P0703 Torque Converter/Brake Switch B Circuit Malfunction  
P0704 Clutch Switch Input Circuit Malfunction  
P0705 Transmission Range Sensor Circuit malfunction (PRNDL Input)  
P0706 Transmission Range Sensor Circuit Range/Performance  
P0707 Transmission Range Sensor Circuit Low Input  
P0708 Transmission Range Sensor Circuit High Input  
P0709 Transmission Range Sensor Circuit Intermittent  
P0710 Transmission Fluid Temperature Sensor Circuit Malfunction  
P0711 Transmission Fluid Temperature Sensor Circuit Range/Performance  
P0712 Transmission Fluid Temperature Sensor Circuit Low Input  
P0713 Transmission Fluid Temperature Sensor Circuit High Input  
P0714 Transmission Fluid Temperature Sensor Circuit Intermittent  
P0715 Input/Turbine Speed Sensor Circuit Malfunction  
P0716 Input/Turbine Speed Sensor Circuit Range/Performance

P0717	Input/Turbine Speed Sensor Circuit No Signal
P0718	Input/Turbine Speed Sensor Circuit Intermittent
P0719	Torque Converter/Brake Switch B Circuit Low
P0720	Output Speed Sensor Circuit Malfunction
P0721	Output Speed Sensor Range/Performance
P0722	Output Speed Sensor No Signal
P0723	Output Speed Sensor Intermittent
P0724	Torque Converter/Brake Switch B Circuit High
P0725	Engine Speed input Circuit Malfunction
P0726	Engine Speed Input Circuit Range/Performance
P0727	Engine Speed Input Circuit No Signal
P0728	Engine Speed Input Circuit Intermittent
P0730	Incorrect Gear Ratio
P0731	Gear 1 Incorrect ratio
P0732	Gear 2 Incorrect ratio
P0733	Gear 3 Incorrect ratio
P0734	Gear 4 Incorrect ratio
P0735	Gear 5 Incorrect ratio
P0736	Reverse incorrect gear ratio
P0740	Torque Converter Clutch Circuit Malfunction
P0741	Torque Converter Clutch Circuit Performance or Stuck Off
P0742	Torque Converter Clutch Circuit Stuck On
P0743	Torque Converter Clutch Circuit Electrical
P0744	Torque Converter Clutch Circuit Intermittent
P0745	Pressure Control Solenoid Malfunction
P0746	Pressure Control Solenoid Performance or Stuck Off

P0747	Pressure Control Solenoid Stuck On
P0748	Pressure Control Solenoid Electrical
P0749	Pressure Control Solenoid Intermittent
P0750	Shift Solenoid A Malfunction
P0751	Shift Solenoid A Performance or Stuck Off/1-2 Shift Solenoid Valve Performance
P0752	Shift Solenoid A Stuck On
P0753	Shift Solenoid A Electrical/1-2 Shift Solenoid Circuit Electrical
P0754	Shift Solenoid A Intermittent
P0755	Shift Solenoid B Malfunction
P0756	Shift Solenoid B Performance or Stuck Off/2-3 Shift Solenoid Valve Performance
P0757	Shift Solenoid B Stuck On
P0758	Shift Solenoid B Electrical/2-3 Shift Solenoid Circuit Electrical
P0759	Shift Solenoid B Intermittent
P0760	Shift Solenoid C Malfunction
P0761	Shift Solenoid C Performance or Stuck Off
P0762	Shift Solenoid C Stuck On
P0763	Shift Solenoid C Electrical
P0764	Shift Solenoid C Intermittent
P0765	Shift Solenoid D Malfunction
P0766	Shift Solenoid D Performance or Stuck Off
P0767	Shift Solenoid D Stuck On
P0768	Shift Solenoid D Electrical
P0769	Shift Solenoid D Intermittent
P0770	Shift Solenoid E Malfunction
P0771	Shift Solenoid E Performance or Stuck Off
P0772	Shift Solenoid E Stuck On

P0773	Shift Solenoid E Electrical
P0774	Shift Solenoid E Intermittent
P0775	Pressure Control Solenoid B Malfunction
P0776	Pressure Control Solenoid B Performance
P0777	Pressure Control Solenoid B Stuck On
P0778	Pressure Control Solenoid B Electrical
P0779	Pressure Control Solenoid B Intermittent
P0780	Shift Malfunction
P0781	1-2 Shift Malfunction
P0782	2-3 Shift Malfunction
P0783	3-4 Shift Malfunction
P0784	4-5 Shift Malfunction
P0785	Shift/Timing Solenoid Malfunction/ 3-2 Shift Solenoid Circuit Electrical
P0786	Shift/Timing Solenoid Range/Performance
P0787	Shift/Timing Solenoid Low
P0788	Shift/Timing Solenoid High
P0789	Shift/Timing Solenoid Intermittent
P0790	Normal/Performance Switch Circuit Malfunction
P0791	Intermediate Shaft Speed Sensor Circuit
P0792	Intermediate Shaft Speed Sensor Circuit Range/Performance
P0793	Intermediate Shaft Speed Sensor Circuit No signal
P0794	Intermediate Shaft Speed Sensor Circuit Intermittent
P0795	Pressure Control Solenoid C
P0796	Pressure Control Solenoid C Performance or Stuck off
P0797	Pressure Control Solenoid C Stuck On
P0798	Pressure Control Solenoid C Electrical

P0799	Pressure Control Solenoid C Intermittent
P0801	Reverse Inhibit Control Circuit Malfunction
P0803	1-4 Upshift (Skip Shift) Solenoid Control Circuit Malfunction
P0804	1-4 Upshift (Skip Shift) Lamp Control Circuit Malfunction
P0805	Clutch Position Sensor Circuit Malfunction
P0806	Clutch Position Sensor Circuit Range/Performance Malfunction
P0807	Clutch Position Sensor Circuit Low Malfunction
P0808	Clutch Position Sensor Circuit High Malfunction
P0809	Clutch Position Sensor Circuit Intermittent Malfunction
P0810	Clutch Position Control Error
P0811	Excessive Clutch Slippage
P0812	Reverse Input Circuit
P0813	Reverse Output Circuit
P0814	Transmission Range Display Circuit
P0815	Upshift Switch Circuit
P0816	Downshift Switch Circuit
P0817	Starter Disable Circuit
P0818	Driveline Disconnect Switch Input Circuit
P0819	Up and Down Shift Switch to Transmission Range Correlation
P0820	Gear Lever X - Y Position Sensor Circuit
P0821	Gear Lever X Position Circuit
P0822	Gear Lever Y Position Circuit
P0823	Gear Lever X Position Circuit Intermittent
P0824	Gear Lever Y Position Circuit Intermittent
P0825	Gear Lever Push - Pull Switch (Shift Anticipate)
P0826	Up and Down Switch Input Circuit



P0827	Up and Down Switch Input Circuit Low
P0828	Up and Down Switch Input Circuit High
P0829	5-6 Shift
P0830	Clutch Pedal Switch A Circuit
P0831	Clutch Pedal Switch A Circuit Low
P0832	Clutch Pedal Switch A Circuit High
P0833	Clutch Pedal Switch B Circuit
P0834	Clutch Pedal Switch B Circuit Low
P0835	Clutch Pedal Switch B Circuit High
P0836	Four Wheel Drive (4WD) Switch Circuit
P0837	Four Wheel Drive (4WD) Switch Circuit Range/Performance
P0838	Four Wheel Drive (4WD) Switch Circuit Low
P0839	Four Wheel Drive (4WD) Switch Circuit High
P0840	Transmission Fluid Pressure Sensor/Switch A Circuit
P0841	Transmission Fluid Pressure Sensor/Switch A Circuit Range/Performance
P0842	Transmission Fluid Pressure Sensor/Switch A Circuit Low
P0843	Transmission Fluid Pressure Sensor/Switch A Circuit High
P0844	Transmission Fluid Pressure Sensor/Switch A Circuit Intermittent
P0845	Transmission Fluid Pressure Sensor/Switch B Circuit
P0846	Transmission Fluid Pressure Sensor/Switch B Circuit Range/Performance
P0847	Transmission Fluid Pressure Sensor/Switch B Circuit Low
P0848	Transmission Fluid Pressure Sensor/Switch B Circuit High
P0849	Transmission Fluid Pressure Sensor/Switch B Circuit Intermittent
P0850	Park / Neutral Switch Input Circuit
P0851	Park / Neutral Switch Input Circuit Low
P0852	Park / Neutral Switch Input Circuit High

P0853	Drive Switch Input Circuit
P0854	Drive Switch Input Circuit Low
P0855	Drive Switch Input Circuit High
P0856	Traction Control Input Signal
P0857	Traction Control Input Signal Range/Performance
P0858	Traction Control Input Signal Low
P0859	Traction Control Input Signal High
P0860	Gear Shift Module Communication Circuit
P0861	Gear Shift Module Communication Circuit Low
P0862	Gear Shift Module Communication Circuit High
P0863	TCM Communication Circuit
P0864	TCM Communication Circuit Range/Performance
P0865	TCM Communication Circuit Low
P0866	TCM Communication Circuit High
P0867	Transmission Fluid Pressure
P0868	Transmission Fluid Pressure Low
P0869	Transmission Fluid Pressure High
P0870	Transmission Fluid Pressure Sensor/Switch C Circuit
P0871	Transmission Fluid Pressure Sensor/Switch C Circuit Range/Performance
P0872	Transmission Fluid Pressure Sensor/Switch C Circuit Low
P0873	Transmission Fluid Pressure Sensor/Switch C Circuit High
P0874	Transmission Fluid Pressure Sensor/Switch C Circuit Intermittent
P0875	Transmission Fluid Pressure Sensor/Switch D Circuit
P0876	Transmission Fluid Pressure Sensor/Switch D Circuit Range/Performance
P0877	Transmission Fluid Pressure Sensor/Switch D Circuit Low
P0878	Transmission Fluid Pressure Sensor/Switch D Circuit High

P0879	Transmission Fluid Pressure Sensor/Switch D Circuit Intermittent
P0880	TCM Power Input Signal
P0881	TCM Power Input Signal Range/Performance
P0882	TCM Power Input Signal Low
P0883	TCM Power Input Signal High
P0884	TCM Power Input Signal Intermittent
P0885	TCM Power Relay Control Circuit /Open
P0886	TCM Power Relay Control Circuit Low
P0887	TCM Power Relay Control Circuit High
P0888	TCM Power Relay Sense Circuit
P0889	TCM Power Relay Sense Circuit Range/Performance
P0890	TCM Power Relay Sense Circuit Low
P0891	TCM Power Relay Sense Circuit High
P0892	TCM Power Relay Sense Circuit Intermittent
P0893	Multiple Gears Engaged
P0894	Transmission Component Slipping
P0895	Shift Time Too Short
P0896	Shift Time Too Long
P0897	Transmission Fluid Deteriorated
P0898	Transmission Control System MIL Request Circuit Low
P0899	Transmission Control System MIL Request Circuit High
P0900	Clutch Actuator Circuit / Open
P0901	Clutch Actuator Circuit Range/Performance
P0902	Clutch Actuator Circuit Low
P0903	Clutch Actuator Circuit High
P0904	Gate Select Position Circuit [senses left / right position]

P0905	Gate Select Position Circuit Range/Performance
P0906	Gate Select Position Circuit Low
P0907	Gate Select Position Circuit High
P0908	Gate Select Position Circuit Intermittent
P0909	Gate Select Control Error
P0910	Gate Select Actuator Circuit / Open [left / right motion]
P0911	Gate Select Actuator Circuit Range/Performance
P0912	Gate Select Actuator Circuit Low
P0913	Gate Select Actuator Circuit High
P0914	Gear Shift Position Circuit [senses forward / rearward position, odd / even gears]
P0915	Gear Shift Position Circuit Range/Performance
P0916	Gear Shift Position Circuit Low
P0917	Gear Shift Position Circuit High
P0918	Gear Shift Position Circuit Intermittent
P0919	Gear Shift Position Control Error
P0920	Gear Shift Forward Actuator Circuit / Open [forward motion, odd gears, 1,3,5]
P0921	Gear Shift Forward Actuator Circuit Range/Performance
P0922	Gear Shift Forward Actuator Circuit Low
P0923	Gear Shift Forward Actuator Circuit High
P0924	Gear Shift Reverse Actuator Circuit / Open [rearward motion, even gears, 2,4,6]
P0925	Gear Shift Reverse Actuator Circuit Range/Performance
P0926	Gear Shift Reverse Actuator Circuit Low
P0927	Gear Shift Reverse Actuator Circuit High
P0928	Gear Shift Lock Solenoid Circuit / Open
P0929	Gear Shift Lock Solenoid Circuit Range/Performance
P0930	Gear Shift Lock Solenoid Circuit Low

P0931	Gear Shift Lock Solenoid Circuit High
P0932	Hydraulic Pressure Sensor Circuit
P0933	Hydraulic Pressure Sensor Range/Performance
P0934	Hydraulic Pressure Sensor Circuit Low Input
P0935	Hydraulic Pressure Sensor Circuit High Input
P0936	Hydraulic Pressure Sensor Circuit Intermittent
P0937	Hydraulic Oil Temperature Sensor Circuit
P0938	Hydraulic Oil Temperature Sensor Range/Performance
P0939	Hydraulic Oil Temperature Sensor Circuit Low Input
P0940	Hydraulic Oil Temperature Sensor Circuit High Input
P0941	Hydraulic Oil Temperature Sensor Circuit Intermittent
P0942	Hydraulic Pressure Unit
P0943	Hydraulic Pressure Unit Cycling Period Too Short
P0944	Hydraulic Pressure Unit Loss of Pressure
P0945	Hydraulic Pump Relay Circuit / Open
P0946	Hydraulic Pump Relay Circuit Range/Performance
P0947	Hydraulic Pump Relay Circuit Low
P0948	Hydraulic Pump Relay Circuit High
P0949	ASM Adaptive Learning Not Done
P0950	ASM Control Circuit [Up / Down / Auto / etc]
P0951	ASM Control Circuit Range/Performance
P0952	ASM Control Circuit Low
P0953	ASM Control Circuit High
P0954	ASM Control Circuit Intermittent
P0955	ASM Mode Circuit [Perf / Winter / Sport / etc]
P0956	ASM Mode Circuit Range/Performance

P0957	ASM Mode Circuit Low
P0958	ASM Mode Circuit High
P0959	ASM Mode Circuit Intermittent
P0960	Pressure Control Solenoid A Control Circuit / Open
P0961	Pressure Control Solenoid A Control Circuit Range/Performance
P0962	Pressure Control Solenoid A Control Circuit Low
P0963	Pressure Control Solenoid A Control Circuit High
P0964	Pressure Control Solenoid B Control Circuit / Open
P0965	Pressure Control Solenoid B Control Circuit Range/Performance
P0966	Pressure Control Solenoid B Control Circuit Low
P0967	Pressure Control Solenoid B Control Circuit High
P0968	Pressure Control Solenoid C Control Circuit / Open
P0969	Pressure Control Solenoid C Control Circuit Range/Performance
P0970	Pressure Control Solenoid C Control Circuit Low
P0971	Pressure Control Solenoid C Control Circuit High
P0972	Shift Solenoid A Control Circuit Range/Performance
P0973	Shift Solenoid A Control Circuit Low
P0974	Shift Solenoid A Control Circuit High
P0975	Shift Solenoid B Control Circuit Range/Performance
P0976	Shift Solenoid B Control Circuit Low
P0977	Shift Solenoid B Control Circuit High
P0978	Shift Solenoid C Control Circuit Range/Performance
P0979	Shift Solenoid C Control Circuit Low
P0980	Shift Solenoid C Control Circuit High
P0981	Shift Solenoid D Control Circuit Range/Performance
P0982	Shift Solenoid D Control Circuit Low

P0983	Shift Solenoid D Control Circuit High
P0984	Shift Solenoid E Control Circuit Range/Performance
P0985	Shift Solenoid E Control Circuit Low
P0986	Shift Solenoid E Control Circuit High
P0987	Transmission Fluid Pressure Sensor/Switch E Circuit
P0988	Transmission Fluid Pressure Sensor/Switch E Circuit Range/Performance
P0989	Transmission Fluid Pressure Sensor/Switch E Circuit Low
P0990	Transmission Fluid Pressure Sensor/Switch E Circuit High
P0991	Transmission Fluid Pressure Sensor/Switch E Circuit Intermittent
P0992	Transmission Fluid Pressure Sensor/Switch F Circuit
P0993	Transmission Fluid Pressure Sensor/Switch F Circuit Range/Performance
P0994	Transmission Fluid Pressure Sensor/Switch F Circuit Low
P0995	Transmission Fluid Pressure Sensor/Switch F Circuit High
P0996	Transmission Fluid Pressure Sensor/Switch F Circuit Intermittent
P0997	Shift Solenoid F Control Circuit Range/Performance
P0998	Shift Solenoid F Control Circuit Low
P0999	Shift Solenoid F Control Circuit High
P1100	MAF Sensor Intermittent/ Check of all OBDII Systems Not Complete
P1101	MAF Sensor Out Of Self Test Range./KOER Not Able To Complete KOER Aborted
P1102	MAF Sensor In Range But Lower Than Expected
P1103	MAF Sensor In Range But Higher Than Expected
P1104	MAF Ground Malfunction
P1105	Dual Alternator Upper Fault
P1106	Dual Alternator Lower Fault/ Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent High Voltage
P1107	Dual Alternator Lower Circuit Malfunction/ Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent Low Voltage

P1108 Dual Alternator Battery Lamp Circuit Malfunction

P1109 IAT - B Sensor Intermittent

P1110 IAT Sensor (D/C) Open/Short

P1111 Intake Air Temperature (IAT) Sensor Circuit Intermittent High Voltage

P1112 Intake Air Temperature (IAT) Sensor Circuit Intermittent Low Voltage

P1113 IAT Sensor Open/Short

P1114 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent Low Voltage/IAT - B Circuit Low Input

P1115 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent High Voltage/IAT - B Circuit High Input

P1116 Engine Coolant sensor out of range/ECT Sensor Out Of Self Test Range

P1117 Engine Coolant Sensor intermittent/ECT Sensor Intermittent

P1118 Manifold Absolute Temperature Circuit Low Input

P1119 Manifold Absolute Temperature Circuit High Input

P1120 Throttle position sensor out of range

P1121 Throttle Position (TP) Sensor Circuit Intermittent High Voltage

P1122 Throttle Position (TP) Sensor Circuit Intermittent Low Voltage

P1123 Throttle Position Sensor In Range But Higher Than Expected

P1124 Throttle Position Sensor Out Of Self Test Range

P1125 Throttle position sensor intermittent

P1126 Throttle Position (Narrow Range) Sensor Circuit Malfunction

P1127 Exhaust Not Warm, Downstream O2 Sensor

P1128 Upstream Heated O2 Sensors Swapped

P1129 Downstream Heated O2 Sensors Swapped

P1130 Lack Of HO2S Switch - Adaptive Fuel At Limit

P1131 Lack Of HO2S Switch - Sensor Indicates Lean

P1132 Lack Of HO2S Switch - Sensor Indicates Rich



P1133	HO2S Insufficient Switching Sensor 1
P1134	HO2S Transition Time Ratio Sensor 1
P1135	Pedal Position Sensor A Circuit Intermittent
P1136	Fan Control Circuit Malfunction
P1137	Lack Of HO2S Switch - Sensor Indicates Lean
P1138	Lack Of HO2S12 Switch - Sensor Indicates Rich
P1139	Water In Fuel Indicator Circuit Malfunction
P1140	Water In Fuel Condition
P1141	Fuel Restriction Indicator Circuit Malfunction
P1142	Fuel Restriction Condition
P1143	Air Assist Control Valve Range/Performance
P1144	Air Assist Control Valve Circuit Malfunction
P1150	Lack Of HO2S21 Switch - Adaptive Fuel At Limit
P1151	Lack Of HO2S21 Switch - Sensor Indicates Lean
P1152	Lack Of HO2S21 Switch - Sensor Indicates Rich
P1153	Bank 2 Fuel Control Shifted Lean
P1154	Bank 2 Fuel Control Shifted Rich
P1155	Alternative Fuel Controller
P1156	Fuel Select Switch Malfunction
P1157	Lack Of HO2S22 Switch - Sensor Indicates Lean
P1158	Lack Of HO2S22 Switch - Sensor Indicates Rich
P1159	Fuel Stepper Motor Malfunction
P1167	Invalid Test,throttle not depressed
P1168	Fuel Rail Sensor In-Range Low Failure
P1169	Fuel Rail Sensor In-Range High Failure
P1170	ESO - Engine Shut Off Solenoid Fault

P1171	Rotor Sensor Fault
P1172	Rotor Control Fault
P1173	Rotor Calibration Fault
P1174	Cam Sensor Fault
P1175	Cam Control Fault
P1176	Cam Calibration Fault
P1177	Synchronization Fault
P1178	( open )
P1180	Fuel Delivery System Malfunction - Low
P1181	Fuel Delivery System Malfunction - High
P1182	Fuel Shut Off Solenoid Malfunction
P1183	Engine Oil Temperature Circuit Malfunction
P1184	Engine Oil Temperature Out Of Self Test Range
P1185	FTS High - Fuel Pump Temperature Sensor High
P1186	FTS Low - Fuel Pump Temperature Sensor Low
P1187	Variant Selection
P1188	Calibration Memory Fault
P1189	Pump Speed Signal Fault
P1190	Calibration Resistor Out Of Range
P1191	Key Line Voltage
P1192	Voltage External
P1193	EGR Drive Overcurrent
P1194	ECU A/D Converter
P1195	SCP HBCC Failed To Initialize
P1196	Key Off Voltage High
P1197	Key Off Voltage Low

P1198	Pump Rotor Control Underfueling
P1199	Fuel Level Input Circuit Low
P1200	Injector Control Circuit
P1201	Injector Circuit Open / Shorted - Cylinder #1
P1202	Injector Circuit Open / Shorted - Cylinder #2
P1203	Injector Circuit Open / Shorted - Cylinder #3
P1204	Injector Circuit Open / Shorted - Cylinder #4
P1205	Injector Circuit Open / Shorted - Cylinder #5
P1206	Injector Circuit Open / Shorted - Cylinder #6
P1209	Injector Control Pressure System Fault
P1210	Injector Control Pressure Above Expected Level
P1211	Injector Control Pressure Sensor Above / Below Desired
P1212	Injector Control Pressure Not Detected During Crank
P1213	Start Injector Circuit Malfunction
P1214	Pedal Position Sensor B Circuit Intermittent
P1215	Pedal Position Sensor C Circuit Low Input
P1216	Pedal Position Sensor C Circuit High Input
P1217	Pedal Position Sensor C Circuit Intermittent
P1218	CID High
P1219	CID Low
P1220	Series Throttle Control System Malfunction
P1221	Traction Control System Malfunction
P1222	Traction Control Output Circuit Malfunction
P1223	Pedal Demand Sensor B Circuit High Input
P1224	Throttle Position Sensor B Out Of Self Test Range
P1225	Needle Lift Sensor Malfunction

P1226	Control Sleeve Sensor Malfunction
P1227	Wastegate Failed Closed (Over Pressure)
P1228	Wastegate Failed Open (Under Pressure)
P1229	Intercooler Pump Driver Fault
P1230	Fuel Pump Low Speed Malfunction
P1231	Fuel Pump Secondary Circuit Low, High Speed
P1232	Fuel Pump Speed Primary Circuit Malfunction
P1233	Fuel Pump Driver Module Off Line
P1234	Fuel Pump Driver Module Off Line
P1235	Fuel Pump Control Out Of Range
P1236	Fuel Pump Control Out Of Range
P1237	Fuel Pump Secondary Circuit Malfunction
P1238	Fuel Pump Secondary Circuit Malfunction
P1239	Speed Fuel Pump Positive Feed Fault
P1240	Sensor Power Supply Malfunction
P1241	Sensor Power Supply Low Input
P1242	Sensor Power Supply High Input
P1243	Second Fuel Pump Faulty or Ground Fault
P1244	Alternator Load Input Failed High
P1245	Alternator Load Input Failed Low
P1246	Alternator Load Input Failed
P1247	Turbo Boost Pressure Low
P1248	Turbo Boost Pressure Not Detected
P1249	Wastegate Control Valve Performance
P1250	PRC Solenoid Circuit Malfunction
P1251	Air Mixture Solenoid Circuit Malfunction

P1252	Pedal Correlation PDS1 and LPDS High
P1253	Pedal Correlation PDS1 and LPDS Low
P1254	Pedal Correlation PDS2 and LPDS High
P1255	Pedal Correlation PDS2 and LPDS Low
P1256	Pedal Correlation PDS1 and HPDS
P1257	Pedal Correlation PDS2 and HPDS
P1258	Pedal Correlation PDS1 and PDS2
P1259	Immobilizer to PCM Signal Error
P1260	THEFT Detected, Vehicle Immobilized
P1261	Cylinder #1 High To Low Side Short
P1262	Cylinder #2 High To Low Side Short
P1263	Cylinder #3 High To Low Side Short
P1264	Cylinder #4 High To Low Side Short
P1265	Cylinder #5 High To Low Side Short
P1266	Cylinder #6 High To Low Side Short
P1267	Cylinder #7 High To Low Side Short
P1268	Cylinder #8 High To Low Side Short
P1269	Immobilizer Code Not Programmed
P1270	Engine RPM Or Speed Limiter Reached
P1271	Cylinder #1 High To Low Side Open
P1272	Cylinder #2 High To Low Side Open
P1273	Cylinder #3 High To Low Side Open
P1274	Cylinder #4 High To Low Side Open
P1275	Cylinder #5 High To Low Side Open
P1276	Cylinder #6 High To Low Side Open
P1277	Cylinder #7 High To Low Side Open

P1278	Cylinder #8 High To Low Side Open
P1280	Injection Control Pressure Out Of Range Low
P1281	Injection Control Pressure Out Of Range High
P1282	Excessive Injection Control Pressure
P1283	IPR Circuit Failure
P1284	Aborted KOER - ICP Failure
P1285	Cylinder head over temp sensed
P1286	Fuel Pulse In Range But Lower Than Expected
P1287	Fuel Pulse In Range But Higher Than Expected
P1288	Cylinder Head Temp Sensor Out Of Self Test Range
P1289	Cylinder Head Temp Sensor High Input
P1290	Cylinder Head Temp Sensor Low Input
P1291	Injector High Side Short To GND Or VBATT - Bank 1
P1292	Injector High Side Short To GND Or VBATT - Bank 2
P1293	Injector High Side Open - Bank 1
P1294	Injector High Side Open - Bank 2/Target idle not reached
P1295	Multi-faults - Bank 1 - With Low Side Shorts
P1296	Multi-faults - Bank 2 - With Low Side Shorts
P1297	Injector High Sides Shorted Together
P1298	IDM Failure
P1299	Cylinder Head Overtemperature Protection Active
P1300	Boost Calibration Fault
P1301	Boost Calibration High
P1302	Boost Calibration Low
P1303	EGR Calibration Fault
P1304	EGR Calibration High

P1305	EGR Calibration Low
P1306	Kickdown Relay Pull - In Circuit Fault
P1307	Kickdown Relay Hold Circuit Fault
P1308	A/C Clutch Circuit Fault
P1309	Misfire Monitor AICE Chip Fault
P1313	Misfire Rate Catalyst Damage Fault - Bank 1
P1314	Misfire Rate Catalyst Damage Fault - Bank 2
P1315	Persistent Misfire
P1316	Injector Circuit / IDM Codes Detected
P1317	Injector Circuit / IDM Codes Not Updated
P1336	Crank / Cam Sensor Range / Performance
P1340	Camshaft Position Sensor B Circuit Malfunction
P1341	Camshaft Position Sensor B Range / Performance
P1345	SGC (Cam Position) Sensor Circuit Malfunction/ Crankshaft Position - Camshaft Position Correlation
P1346	Fuel Level Sensor B Circuit Malfunction
P1347	Fuel Level Sensor B Range / Performance
P1348	Fuel Level Sensor B Circuit Low
P1349	Fuel Level Sensor B Circuit High
P1350	Fuel Level Sensor B Intermittent/Bypass Line Monitor
P1351	IDM Input Circuit Malfunction/ Ignition Coil Control Circuit High Voltage
P1352	Ignition Coil A Primary Circuit Malfunction
P1353	Ignition Coil B Primary Circuit Malfunction
P1354	Ignition Coil C Primary Circuit Malfunction
P1355	Ignition Coil D Primary Circuit Malfunction
P1360	Ignition Coil A Secondary Circuit Malfunction

P1361	Ignition Control (IC) Circuit Low Voltage
P1362	Ignition Coil C Secondary Circuit Malfunction
P1363	Ignition Coil D Secondary Circuit Malfunction
P1364	Ignition Coil Primary Circuit Failure
P1365	Ignition Coil Secondary Circuit Failure
P1366	Ignition Spare
P1367	Ignition Spare
P1368	Ignition Spare
P1369	Engine Temperature Light Monitor Failure
P1370	Insufficient RMP Increase During Spark Test
P1371	Ignition Coil - Cylinder 1 - Early Activation Fault
P1372	Ignition Coil - Cylinder 2 - Early Activation Fault
P1373	Ignition Coil - Cylinder 3 - Early Activation Fault
P1374	Crankshaft Position (CKP)/Ignition Coil - Cylinder 4 - Early Activation Fault
P1375	Ignition Coil - Cylinder 5 - Early Activation Fault
P1376	Ignition Coil - Cylinder 6 - Early Activation Fault
P1380	Misfire Detected - Rough Road Data Not Available
P1381	Variable Cam Timing Overadvanced (Bank #1)/ Misfire Detected - No Communication with BCM
P1382	Variable Cam Timing Solenoid #1 Circuit Malfunction
P1383	Variable Cam Timing Overretarded (Bank #1)
P1384	VVT Solenoid A Malfunction
P1385	Variable Cam Timing Solenoid B Malfunction
P1386	Variable Cam Timing Overadvanced (Bank #2)
P1387	Variable Cam Timing Solenoid #2 Circuit Malfunction
P1388	Variable Cam Timing Overretarded (Bank #2)



P1389	Glow Plug Circuit High Side Low Input
P1390	Octane Adjust Pin Out Of Self Test Range
P1391	Glow Plug Circuit Low Input (Bank #1)
P1392	Glow Plug Circuit High Input (Bank #1)
P1393	Glow Plug Circuit Low Input (Bank #2)
P1394	Glow Plug Circuit High Input (Bank #2)
P1395	Glow Plug Monitor Fault (Bank #1)
P1396	Glow Plug Monitor Fault (Bank #2)
P1397	System Voltage Out Of Self Test Range
P1398	VVT Solenoid B Circuit High Input
P1399	Glow Plug Circuit High Side, High Input
P1400	DPFE Circuit Low Input
P1401	DPFE Circuit High Input
P1402	EGR Metering Orifice Restricted
P1403	DPFE Sensor Hoses Reversed
P1404	IAT - B Circuit Malfunction/ Exhaust Gas Recirculation Closed Position Performance
P1405	DPFE Sensor Upstream Hose Off Or Plugged
P1406	Exhaust Gas Recirculation (EGR) Position Sensor Performance
P1407	EGR No Flow Detected
P1408	EGR Flow Out Of Self Test Range
P1409	EVR Control Circuit Malfunction
P1411	SAI System Incorrect Downstream Flow Detected
P1413	SAI System Monitor Circuit Low Input
P1414	SAI System Monitor Circuit High Input
P1415	Air Pump Circuit Malfunction/ (AIR) System Bank 1
P1416	Port Air Circuit Malfunction/ (AIR) System Bank 2

P1417	Port Air Relief Circuit Malfunction
P1418	Split Air #1 Circuit Malfunction
P1419	Split Air #2 Circuit Malfunction
P1420	Catalyst Temperature Sensor Failure
P1421	Catalyst Damage
P1422	EGI Temperature Sensor Failure
P1423	EGI Functionality Test Failed
P1424	EGI Glow Plug Primary Failure
P1425	EGI Glow Plug Secondary Failure
P1426	EGI Mini - MAF Failed Out Of Range
P1427	EGI Mini - MAF Failed Short Circuit
P1428	EGI Mini - MAF Failed Open Circuit
P1429	Electric Air Pump Primary Failure
P1430	Electric Air Pump Secondary Failure
P1433	A/C Refrigerant Temperature Circuit Low
P1434	A/C Refrigerant Temperature Circuit High
P1435	A/C Refrigerant Temperature Circuit Range/Performance
P1436	A/C Evaporator Air Temperature Circuit Low
P1437	A/C Evaporator Air Temperature Circuit High
P1438	A/C Evaporator Air Temperature Circuit Range/Performance
P1439	Floor Temperature Switch Circuit Malfunction
P1440	Purge Valve Stuck Open
P1441	Evaporative Emission (EVAP) System Flow During Non-Purge Chevrolet Only
P1441	Evaporative Emission (EVAP) System Flow During Non-Purge Oldsmobile Only
P1442	Evaporative Emission Control System Leak Detected
P1443	Evaporative Emission Control System Control Valve

P1444	Purge Flow Sensor Circuit Low Input
P1445	Purge Flow Sensor Circuit High Input
P1446	Evaporative Vac Solenoid Circuit Malfunction
P1447	ELC System Closure Valve Flow Fault
P1448	ELC System 2 Fault
P1449	Evaporative Check Solenoid Circuit Malfunction
P1450	Unable To Bleed Up Fuel Tank Vacuum
P1451	Evap Emission Control Sys Vent Control Valve Circuit
P1452	Unable To Bleed - Up Vacuum in Tank
P1453	Fuel Tank Pressure Relief Valve Malfunction
P1454	Evaporative System Vacuum Test Malfunction
P1455	Evap Emission Control Sys Leak Detected (Gross Leak/No Flow)
P1456	Fuel Tank Temperature Sensor Circuit Malfunction
P1457	Unable To Pull Vacuum In Tank
P1460	Wide open throttle A/C cutoff relay circuit
P1461	A/C pressure sensor circuit voltage low
P1462	A/C pressure sensor circuit voltage high
P1463	A/C Pressure Sensor Insufficient Pressure Change
P1464	A/C Demand Out of Self Test Range
P1465	A/C Relay Circuit Malfunction
P1466	A/C Refrigerant Temperature Sensor/Circuit Malfunction
P1467	A/C Compressor Temperature Sensor Malfunction
P1468	SSPOD Open Circuit or Closed Circuit Fault
P1469	Low A/C Cycling Period
P1470	A/C Cycling Period Too Short
P1471	Electrodrive Fan 1 Operational Failure (Driver Side)

P1472	Electrodrive Fan 2 Operational Failure (Passenger Side)
P1473	Fan Secondary High With Fan(s) Off
P1474	Low Fan Control Primary Circuit Malfunction
P1475	Fan Relay (Low) Circuit Malfunction
P1476	Fan Relay (High) Circuit Malfunction
P1477	Additional Fan Relay Circuit Malfunction
P1478	Cooling Fan Driver Fault
P1479	High Fan Control Primary Circuit Malfunction
P1480	Fan Secondary Low with Low Fan On
P1481	Fan Secondary Low With High Fan On
P1482	SCP
P1483	Power To Fan Circuit Overcurrent
P1484	Open Power To Ground VCRM
P1485	EGRV Circuit Malfunction
P1486	EGRA Circuit Malfunction
P1487	EGRCHK Solenoid Circuit Malfunction
P1490	Secondary Air Relief Solenoid Circuit Malfunction
P1491	Secondary Switch Solenoid Circuit Malfunction
P1492	APLSOL Solenoid Circuit Malfunction
P1493	RCNT Solenoid Circuit Malfunction
P1494	SPCUT Solenoid Circuit Malfunction
P1495	TCSPL Solenoid Circuit Malfunction
P1500	Vehicle Speed Sensor Intermittent
P1501	Vehicle Speed Sensor Out Of Self Test Range
P1502	Vehicle Speed Sensor Intermittent Malfunction
P1503	Auxillary Speed Sensor Fault

P1504	Idle Air Control Circuit Malfunction
P1505	Idle Air Control System At Adaptive Clip
P1506	Idle Air Control Overspeed Error
P1507	Idle Air Control Underspeed Error
P1508	Idle Control System Circuit Open
P1509	Idle Control System Circuit Shorted
P1510	Idle Signal Circuit Malfunction
P1511	Idle Switch (Electric Control Throttle) Circuit Malfunction
P1512	Intake Manifold Runner Control (Bank 1) Stuck Closed
P1513	Intake Manifold Runner Control (Bank 2) Stuck Closed
P1514	High Load Neutral/Drive Fault
P1515	Electric Current Circuit Malfunction
P1516	IMRC Input Error (Bank 1)
P1517	IMRC Input Error (Bank 2)
P1518	Intake Manifold Runner Control (Stuck Open)
P1519	Intake Manifold Runner Control (Stuck Closed)
P1520	Intake Manifold Runner Control Circuit Malfunction
P1521	Variable Intake Solenoid #1 Circuit Malfunction
P1522	Variable Intake Solenoid #2 Circuit Malfunction
P1523	IVC Solenoid Circuit Malfunction
P1524	Variable Intake Solenoid System
P1525	Air Bypass Valve System
P1526	Air Bypass System
P1527	Accelerate Warmup Solenoid Circuit Malfunction
P1528	Subsidiary Throttle Valve Solenoid Circuit Malfunction
P1529	SCAIR Solenoid Circuit Malfunction

P1530	A/C Clutch Circuit Malfunction
P1531	Invalid Test - Accelerator Pedal Movement
P1532	IMCC Circuit Malfunction, Bank B
P1533	AAI Circuit Malfunction
P1534	Inertia Switch Activated
P1535	Blower Fan Speed Circuit Range/Performance
P1536	Parking Brake Switch Circuit Failure
P1537	Intake Manifold Runner Control (Bank 1) Stuck Open
P1538	Intake Manifold Runner Control (Bank 2) Stuck Open
P1539	Power To A/C Clutch Circuit Overcurrent
P1540	Air Bypass Valve Circuit Malfunction
P1549	IMCC Circuit Malfunction, Bank B
P1550	PSPS Out Of Self Test Range
P1565	Speed Control Command Switch Out of Range High
P1566	Speed Control Command Switch Out of Range Low
P1567	Speed Control Output Circuit Continuity
P1568	Speed Control Unable to Hold Speed
P1571	Brake Switch Malfunction
P1572	Brake Pedal Switch Circuit Malfunction
P1573	Throttle Position Not Available
P1574	Throttle Position Sensor Disagreement btwn Sensors
P1575	Pedal Position Out of Self Test Range
P1576	Pedal Position Not Available
P1577	Pedal Position Sensor Disagreement btwn Sensors
P1578	ETC Power Less Than Demand
P1579	ETC In Power Limiting Mode

P1580	Electronic Throttle Monitor PCM Override
P1581	Electronic Throttle Monitor Malfunction
P1582	Electronic Throttle Monitor Data Available
P1583	Electronic Throttle Monitor Cruise Disable
P1584	TCU Detected IPE Circuit Malfunction
P1585	Throttle Control Unit Malfunction
P1586	Throttle Control Unit Throttle Position Malfunction
P1587	Throttle Control Unit Modulated Command Malfunction
P1588	Throttle Control Unit Detected Loss of Return Spring
P1589	TCU Unable To Control Desired Throttle Angle
P1600	Loss of KAM Power; Open Circuit
P1601	ECM/TCM Serial Communication Error
P1602	Immobilizer/ECM Communication Error
P1603	EEPROM Malfunction
P1604	Code Word Unregistered
P1605	Keep Alive Memory Test Failure
P1606	ECM Control Relay O/P Circuit Malfunction
P1607	MIL O/P Circuit Malfunction
P1608	Internal ECM Malfunction
P1609	Diagnostic Lamp Driver Fault
P1610	SBDS Interactive Codes
P1611	SBDS Interactive Codes
P1612	SBDS Interactive Codes
P1613	SBDS Interactive Codes
P1614	SBDS Interactive Codes
P1615	SBDS Interactive Codes

P1616	SBDS Interactive Codes
P1617	SBDS Interactive Codes
P1618	SBDS Interactive Codes
P1619	SBDS Interactive Codes
P1620	SBDS Interactive Codes
P1621	Control Module Long Term Memory Performance/ Immobilizer Code Words Do Not Match
P1622	Immobilizer ID Does Not Match
P1623	Immobilizer Code Word/ID Number Write Failure
P1624	Anti Theft System
P1625	B+ Supply To VCRM Fan Circuit Malfunction
P1626	Theft Deterrent Fuel Enable Signal Not Received/ B+ Supply To VCRM A/C Circuit Malfunction
P1627	Module Supply Voltage Out Of Range
P1628	Module Ignition Supply Input Malfunction
P1629	Internal Voltage Regulator Malfunction
P1630	Internal Vref Malfunction
P1631	Theft Deterrent Start Enable Signal Not Correct/ Main Relay Malfunction (Power Hold)
P1632	Smart Alternator Faults Sensor/Circuit Malfunction
P1633	KAM Voltage Too Low
P1634	Data Output Link Circuit Failure
P1635	Tire / Axle Ratio Out of Acceptable Range
P1636	Inductive Signature Chip Communication Error
P1637	Can Link ECM/ABSCM Circuit / Network Malfunction
P1638	Can Link ECM/INSTM Circuit / Network Malfunction
P1639	Vehicle ID Block Corrupted or Not Programmed



P1640	Powertrain DTCs Available in Another Module
P1641	Fuel Pump Primary Circuit Failure
P1642	Fuel Pump Monitor Circuit High Input
P1643	Fuel Pump Monitor Circuit Low Input
P1644	Fuel Pump Speed Control Circuit Malfunction
P1645	Fuel Pump Resistor Switch Circuit Malfunction
P1650	PSP Switch Out of Self Test Range
P1651	PSP Switch Input Malfunction
P1652	IAC Monitor Disabled by PSP Switch Failed On
P1653	Power Steering Output Circuit Malfunction
P1654	Recirculation Override Circuit Malfunction
P1655	Starter Disable Circuit Malfunction
P1660	Output Circuit Check Signal High
P1661	Output Circuit Check Signal Low
P1662	IDM_EN Circuit Failure
P1663	Fuel Demand Command Signal Circuit Malfunction
P1667	CI Circuit Malfunction
P1668	PCM - IDM Communications Error
P1670	Electronic Feedback Signal Not Detected
P1680	Metering Oil Pump Malfunction
P1681	Metering Oil Pump Malfunction
P1682	Metering Oil Pump Malfunction
P1683	Metering Oil Pump Temperature Sensor Circuit Malfunction
P1684	Metering Oil Pump Position Sensor Circuit Malfunction
P1685	Metering Oil Pump Stepping Motor Circuit Malfunction
P1686	Metering Oil Pump Stepping Motor Circuit Malfunction

P1687	Metering Oil Pump Stepping Motor Circuit Malfunction
P1688	Metering Oil Pump Stepping Motor Circuit Malfunction
P1689	Oil Pressure Control Solenoid Circuit Malfunction
P1690	Wastegate Solenoid Circuit Malfunction
P1691	Turbo Pressure Control Solenoid Circuit Malfunction
P1692	Turbo Control Solenoid Circuit Malfunction
P1693	Turbo Charge Control Circuit Malfunction
P1694	Turbo Charge Relief Circuit Malfunction
P1700	Transmission Indeterminate Failure (Failed to Neutral)
P1701	Reverse Engagement Error
P1702	TRS Circuit Intermittent Malfunction
P1703	Brake Switch Out Of Self Test Range
P1704	Digital TRS Failed to Transition States in KOEO / KOER
P1705	Not in P or N During KOEO / KOER
P1706	High Vehicle Speed Observed in Park
P1707	Transfer Case Neutral Indicator Hard Fault Present
P1708	Clutch Switch Circuit Malfunction
P1709	PNP Switch Out Of Self Test Range
P1711	TFT Sensor Out Of Self Test Range
P1712	Trans Torque Reduction Request Signal Malfunction
P1713	TFT Sensor In Range Failure Low Value
P1714	SSA Inductive Signature Malfunction
P1715	SSB Inductive Signature Malfunction
P1716	SSC Inductive Signature Malfunction
P1717	SSD Inductive Signature Malfunction
P1718	TFT Sensor In Range Failure High

P1720	Vehicle Speed (Meter) Circuit Malfunction
P1721	Gear 1 Incorrect Ratio
P1722	Gear 2 Incorrect Ratio
P1723	Gear 3 incorrect Ratio
P1724	Gear 4 Incorrect Ratio
P1725	Insufficient Engine Speed Increase During Self Test
P1726	Insufficient Engine Speed Decrease During Self Test
P1727	Coast Clutch Solenoid Inductive Signature Malfunction
P1728	Transmission Slip Error
P1729	4x4 Low Switch Error
P1730	Gear Control Malfunction 2,3,5
P1731	1-2 Shift Malfunction
P1732	2-3 Shift Malfunction
P1733	3-4 Shift Malfunction
P1734	Gear Control Malfunction
P1735	First Gear Switch Circuit Malfunction
P1736	Second Gear Switch Circuit Malfunction
P1737	Lockup Solenoid System
P1738	Shift Time Error
P1739	Slip Solenoid System
P1740	Torque Converter Clutch Inductive Signature Malfunction
P1741	Torque Converter Clutch Control Error
P1742	Torque Converter Clutch Solenoid Failed On
P1743	Torque Converter Clutch Solenoid Failed On
P1744	Torque Converter Clutch System Performance
P1745	Line Pressure Solenoid System

P1746	Pressure Control Solenoid "A" Open Circuit
P1747	Pressure Control Solenoid "A" Short Circuit
P1748	EPC Malfunction
P1749	Pressure Control Solenoid Failed Low
P1751	Shift Solenoid A Performance
P1754	Coast Clutch Solenoid Circuit Malfunction
P1755	Intermediate Speed Sensor (ISS) Malfunction
P1756	Shift Solenoid B Performance
P1760	Pressure Control Solenoid "A" Short Circuit
P1761	Shift Solenoid C Performance
P1762	Overdrive Band Failed Off
P1765	Timing Solenoid Circuit Malfunction
P1767	Torque Converter Clutch Circuit Malfunction
P1768	Performance / Normal / Winter Mode Input Malfunction
P1769	AG4 Transmission Torque Modulation Fault
P1770	Clutch Solenoid Circuit Malfunction
P1775	Transmission System MIL Fault
P1776	Ignition Retard Request Duration Fault
P1777	Ignition Retard Request Circuit Fault
P1778	Transmission Reverse I/P Circuit Malfunction
P1779	TCIL Circuit Malfunction
P1780	Trans Control Switch (O/D Cancel) Out of Self Test Range
P1781	4X4 Switch Out of Self Test Range
P1782	P/ES Circuit Out Of Self Test Range
P1783	Transmission Overtemperature Condition
P1784	Transmission Mechanical Failure - First And Reverse

P1785	Transmission Mechanical Failure - First And Second
P1786	3-2 Downshift Error
P1787	2-1 Downshift Error
P1788	Pressure Control Solenoid "B" Open Circuit
P1789	Pressure Control Solenoid "B" Short Circuit
P1790	TP (Mechanical) Circuit Malfunction
P1791	TP (Electric) Circuit Malfunction
P1792	Barometer Pressure Circuit Malfunction
P1793	Intake Air Volume Circuit Malfunction
P1794	Battery Voltage Circuit Malfunction
P1795	Idle Switch Circuit Malfunction
P1796	Kick Down Switch Circuit Malfunction
P1797	Neutral Switch Circuit Malfunction
P1798	Coolant Temperature Circuit Malfunction
P1799	Hold Switch Circuit Malfunction
P1800	Transmission Clutch Interlock Safety Switch Circuit Failure
P1801	Transmission Clutch Interlock Safety Switch Open Circuit
P1802	Transmission Clutch Interlock Safety Switch Short Circuit To Battery
P1803	Transmission Clutch Interlock Safety Switch Short Circuit To Ground
P1804	Transmission 4-Wheel Drive High Indicator Circuit Failure
P1805	Transmission 4-Wheel Drive High Indicator Open Circuit
P1806	Transmission 4-Wheel Drive High Indicator Short Circuit To Battery
P1807	Transmission 4-Wheel Drive High Indicator Short Circuit To Ground
P1808	Transmission 4-Wheel Drive Low Indicator Circuit Failure
P1809	Transmission 4-Wheel Drive Low Indicator Open Circuit
P1810	TFP Valve Position Switch Circuit/ Transmission 4-Wheel Drive Low Indicator Short

#### Circuit To Battery

P1811	Transmission 4-Wheel Drive Low Indicator Short Circuit To Ground
P1812	Transmission 4-Wheel Drive Mode Select Circuit Failure
P1813	Transmission 4-Wheel Drive Mode Select Open Circuit
P1814	Transmission 4-Wheel Drive Mode Select Short Circuit To Battery
P1815	Transmission 4-Wheel Drive Mode Select Short Circuit To Ground
P1816	Transmission Neutral Safety Switch Circuit Failure
P1817	Transmission Neutral Safety Switch Open Circuit
P1818	Transmission Neutral Safety Switch Short Circuit To Battery
P1819	Transmission Neutral Safety Switch Short Circuit To Ground
P1820	Transmission Transfer Case Clockwise Shift Relay Coil Circuit Failure
P1821	Transmission Transfer Case Clockwise Shift Relay Coil Open Circuit
P1822	Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Battery
P1823	Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Ground
P1824	Transmission 4-Wheel Drive Clutch Relay Circuit Failure
P1825	Transmission 4-Wheel Drive Clutch Relay Open Circuit
P1826	Transmission 4-Wheel Drive Low Clutch Relay Circuit To Battery
P1827	Transmission 4-Wheel Drive Low Clutch Relay Circuit To Ground
P1828	Transmission Transfer Case Counter Clockwise Shift Relay Coil Circuit Failure
P1829	Transmission Transfer Case Counter Clockwise Shift Relay Coil Open Circuit
P1830	Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Battery
P1831	Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Ground
P1832	Transmission Transfer Case Differential Lock-Up Solenoid Circuit Failure
P1833	Transmission Transfer Case Differential Lock-Up Solenoid Open Circuit
P1834	Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Battery

P1835	Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Ground
P1836	Transmission Transfer Case Front Shaft Speed Sensor Circuit Failure
P1837	Transmission Transfer Case Rear Shaft Speed Sensor Circuit Failure
P1838	Transmission Transfer Case Shift Motor Circuit Failure
P1839	Transmission Transfer Case Shift Motor Open Circuit
P1840	Transmission Transfer Case Shift Motor Short Circuit To Battery
P1841	Transmission Transfer Case Shift Motor Short Circuit To Ground
P1842	Transmission Transfer Case Differential Lock-Up Feedback Switch Circuit Failure
P1843	Transmission Transfer Case Differential Lock-Up Feedback Switch Open Circuit
P1844	Transmission Transfer Case Differential Lock-Up Feedback Switch Short Circuit To Battery
P1845	Transmission Transfer Case Differential Lock-Up Feedback Switch Short Circuit To Ground
P1846	Transmission Transfer Case Contact Plate 'A' Circuit Failure
P1847	Transmission Transfer Case Contact Plate 'A' Open Circuit
P1848	Transmission Transfer Case Contact Plate 'A' Short Circuit To Battery
P1849	Transmission Transfer Case Contact Plate 'A' Short Circuit To Ground
P1850	Transmission Transfer Case Contact Plate 'B' Circuit Failure
P1851	Transmission Transfer Case Contact Plate 'B' Open Circuit
P1852	Transmission Transfer Case Contact Plate 'B' Short Circuit To Battery
P1853	Transmission Transfer Case Contact Plate 'B' Short Circuit To Ground
P1854	Transmission Transfer Case Contact Plate 'C' Circuit Failure
P1855	Transmission Transfer Case Contact Plate 'C' Open Circuit
P1856	Transmission Transfer Case Contact Plate 'C' Short Circuit To Battery
P1857	Transmission Transfer Case Contact Plate 'C' Short Circuit To Ground
P1858	Transmission Transfer Case Contact Plate 'D' Circuit Failure
P1859	Transmission Transfer Case Contact Plate 'D' Open Circuit

P1860 TCC PWM Solenoid Circuit Electrical/ Transmission Transfer Case Contact Plate 'D' Short Circuit To Battery

P1861 Transmission Transfer Case Contact Plate 'D' Short Circuit To Ground

P1862 Transmission Transfer Case Contact Plate Power Circuit Failure

P1863 Transmission Transfer Case Contact Plate Power Open Circuit

P1864 Transmission Transfer Case Contact Plate Power Short To Battery

P1865 Transmission Transfer Case Contact Plate Power Short To Ground

P1866 Transmission Transfer Case System Concern - Servicing Required

P1867 Transmission Transfer Case Contact Plate General Circuit Failure

P1868 Transmission Automatic 4-Wheel Drive Indicator (Lamp) Circuit Failure

P1869 Transmission Automatic 4-Wheel Drive Indicator (Lamp) Circuit Short To Battery

P1870 Transmission Component Slipping/ Transmission Mechanical Transfer Case 4x4 Switch Circuit Failure

P1871 Transmission Mechanical Transfer Case 4x4 Switch Circuit Short To Battery

P1872 Transmission Mechanical 4-Wheel Drive Axle Lock Lamp Circuit Failure

P1873 Transmission Mechanical 4-Wheel Drive Axle Lock Lamp Circuit Short To Battery

P1874 Transmission Automatic Hall Effect Sensor Power Circuit Failure

P1875 Transmission Automatic Hall Effect Sensor Power Circuit Short To Battery / 4WD Low Switch Circuit Electrical

P1876 Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Failure

P1877 Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Short To Battery

P1878 Transmission Transfer Case Disengaged Solenoid Circuit Failure

P1879 Transmission Transfer Case Disengaged Solenoid Open Circuit

P1880 Transmission Transfer Case Disengaged Solenoid Short to Battery

P1881 Engine Coolant Level Switch Circuit Failure, GEM

P1882 Engine Coolant Level Switch Circuit Short to Ground

P1883 Engine Coolant Level Switch Circuit Failure, GEM



P1884	Engine Coolant Level Lamp Circuit Short to Ground
P1885	Transmission Transfer Case Disengaged Solenoid Short to Ground
P1886	4X4 Initialization Failure
P1890	Transmission 4WD Mode Select Return Input Circuit Failure
P1891	Transmission Transfer Case Contact Plate Ground Return Open Circuit
P1900	OSS Circuit Intermittent Malfunction
P1901	TSS Circuit Intermittent Malfunction
P1902	Pressure Control Solenoid "B" Intermittent Short
P1903	Pressure Control Solenoid "C" Short Circuit
P1904	Pressure Control Solenoid "C" Open Circuit
P1905	Pressure Control Solenoid "C" Intermittent Short
P1906	Kickdown Pull Relay Open or Short Circuit to Ground
P1907	Kickdown Hold Relay Open or Short Circuit to Ground
P1908	Transmission Pressure Circuit Solenoid Open or Short to Ground
P1909	Trans Temp Sensor Circuit Open or Shorted to Pwr or Gnd
P1910	VFS A Pressure Output Failed Low
P1911	VFS B Pressure Output Failed Low
P1912	VFS C Pressure Output Failed Low
P1913	Pressure Switch A Circuit Malfunction
P1914	Manually Shifted Automatic (MSA) Sw Circuit Malf
P1915	Reverse Switch Circuit Malfunction
P1916	High Clutch Drum Speed Sensor Malfunction
P1917	High Clutch Drum Speed Sensor Intermittent
P1918	Transmission Range Display Circuit Malfunction
C1091	Speed Wheel Sensor All Coherency Failure
C1095	ABS Hydraulic Pump Motor Circuit Failure

C1096	ABS Hydraulic Pump Motor Circuit Open
C1097	ABS Hydraulic Pump Motor Circuit Short To Ground
C1098	ABS Hydraulic Pump Motor Circuit Short To Battery
C1100	ABS Pump Switch Circuit Failure
C1101	ABS Hydraulic Valve Circuit Failure
C1102	ABS Acceleration Switch Circuit Failure
C1103	ABS Hydraulic Brake Switch Circuit Failure
C1104	Traction Control Active Lamp - Circuit Short to Battery
C1105	Traction Control Disable Lamp - Circuit Short to Battery
C1106	Traction Control Disable Switch Circuit Short to Battery
C1107	ABS Function Enabled Input Circuit Failure
C1109	Speed Control Actuator Assembly Cable Release Failure
C1110	ABS Power Relay Coil Circuit Failure
C1111	ABS Power Relay Coil Open Circuit
C1112	ABS Power Relay Coil Short Circuit To Ground
C1113	ABS Power Relay Coil Short Circuit To Battery
C1114	ABS Power Relay Output Short Circuit To Ground
C1115	ABS Power Relay Output Short Circuit To Battery
C1116	Starter Motor Circuit Failure
C1117	RPM Input Circuit Failure
C1123	Vehicle Speed Sensor Input Short to Battery
C1124	Input shaft speed signal missing/faulted
C1125	Brake Fluid Level Sensor Input Circuit Failure
C1126	Cruise Control Command Switch Assembly Circuit Failure
C1127	Cruise Control Deactivator Brake Switch Circuit Failure
C1132	Clutch position ckt short to ground

C1133	Clutch position ckt short to battery
C1134	Gear Shift position short to ground
C1135	Gear Shift position short to battery
C1136	Gear Select position short to ground
C1137	ECU is Defective
C1138	Gear Select position short to Battery
C1139	Wheel Speed Sensor Center Tone Ring Missing Tooth Fault
C1140	Hydraulic Base Brake Failure
C1141	Wheel Speed Sensor LF Tone Ring Tooth Missing Fault
C1142	Wheel Speed Sensor RF Tone Ring Tooth Missing Fault
C1143	Wheel Speed Sensor LR Tone Ring Tooth Missing Fault
C1144	Wheel Speed Sensor RR Tone Ring Tooth Missing Fault
C1145	Speed Wheel Sensor RF Input Circuit Failure
C1146	Speed Wheel Sensor RF Circuit Open
C1148	Speed Wheel Sensor RF Coherency Fault
C1149	Hydraulic Fluid Pressure/ Flow Circuit Failure
C1150	Two Speed Rear Axle Input Switch Circuit Short to Vbatt
C1155	Speed Wheel Sensor LF Input Circuit Failure
C1156	Speed Wheel Sensor LF Circuit Open
C1157	Park Brake Actuator Assembly Switch Applied Circuit Failure
C1158	Speed Wheel Sensor LF Coherency Fault
C1159	Hydraulic Fluid Pressure/ Flow Circuit Short to Gnd
C1161	Air Pressure Low Circuit Short to Gnd
C1162	Park Brake Switch # 2 Released Circuit Failure
C1163	Park Brake Switch # 2 Applied Circuit Short to Gnd
C1164	Park Brake Actuator Assembly Switch Circuit Failure

C1165	Speed Wheel Sensor RR Input Circuit Failure
C1166	Speed Wheel Sensor RR Input Open Circuit
C1167	Park Brake Actuator Assembly Switch Released Circuit Short to Gnd
C1168	Speed Wheel Sensor RR Coherency Fault
C1169	ABS Fluid Dumping Exceeds Maximum Timing
C1170	PRNDL Switch Circuit Failure
C1172	Park Brake Switch # 1 Applied Circuit Failure
C1173	Park Brake Switch # 1 Released Circuit Short to Gnd
C1174	Park Brake Switch # 2 Applied Circuit Failure
C1175	Speed Wheel Sensor LR Input Circuit Failure
C1176	Speed Wheel Sensor LR Circuit Open
C1177	Park Brake Actuator Assembly Switch Released Circuit Failure
C1178	Speed Wheel Sensor LR Coherency Fault
C1179	Speed Control Actuator Assembly Cable Slack Failure
C1180	Park Brake Valve Solenoid #1 Sense Input Circuit Failure
C1181	Park Brake Valve Solenoid #1 Sense Input Circuit Short to Gound
C1182	Park Lamp Flash Relay Circuit Failure
C1183	Park Lamp Flash Relay Circuit Short to Battery
C1184	ABS System Is Not Operational
C1185	ABS Power Relay Output Circuit Failure
C1186	ABS Power Relay Output Open Circuit
C1187	Brake Fluid Level Sensor Input Open Circuit
C1188	Brake Fluid Level Sensor Input Short Circuit To Battery
C1189	Brake Fluid Level Sensor Input Short Circuit To Ground
C1190	Speed Wheel Sensor LF Input Short Circuit To Battery
C1191	Speed Wheel Sensor LF Input Short Circuit To Ground

C1192	Speed Wheel Sensor RF Input Short Circuit To Battery
C1193	Speed Wheel Sensor RF Input Short Circuit To Ground
C1194	ABS Outlet Valve Coil LF Circuit Failure
C1195	ABS Outlet Valve Coil LF Circuit Open
C1196	ABS Outlet Valve Coil LF Circuit Short To Battery
C1197	ABS Outlet Valve Coil LF Circuit Short To Ground
C1198	ABS Inlet Valve Coil LF Circuit Failure
C1199	ABS Inlet Valve Coil LF Circuit Open
C1200	ABS Inlet Valve Coil LF Circuit Short To Battery
C1201	ABS Inlet Valve Coil LF Circuit Short To Ground
C1202	ABS Outlet Valve Coil Rear Circuit Failure
C1203	ABS Outlet Valve Coil Rear Circuit Open
C1204	ABS Outlet Valve Coil Rear Circuit Short To Battery
C1205	ABS Outlet Valve Coil Rear Circuit Short To Ground
C1206	ABS Inlet Valve Coil Rear Circuit Failure
C1207	ABS Inlet Valve Coil Rear Circuit Open
C1208	ABS Inlet Valve Coil Rear Circuit Short To Battery
C1209	ABS Inlet Valve Coil Rear Circuit Short To Ground
C1210	ABS Outlet Valve Coil RF Circuit Failure
C1211	ABS Outlet Valve Coil RF Circuit Open
C1212	ABS Outlet Valve Coil RF Circuit Short To Battery
C1213	ABS Outlet Valve Coil RF Circuit Short To Ground
C1214	ABS Inlet Valve Coil RF Circuit Failure
C1215	ABS Inlet Valve Coil RF Circuit Open
C1216	ABS Inlet Valve Coil RF Circuit Short To Battery
C1217	ABS Inlet Valve Coil RF Circuit Short To Ground

C1218	Lamp ABS Warning Output Circuit Failure
C1219	Lamp ABS Warning Output Circuit Open
C1220	Lamp ABS Warning Output Circuit Short To Battery
C1221	Lamp ABS Warning Output Circuit Short To Ground
C1222	Speed Wheel Mismatch
C1223	Lamp Brake Warning Output Circuit Failure
C1224	Lamp Brake Warning Output Circuit Open
C1225	Lamp Brake Warning Output Circuit Short To Battery
C1226	Lamp Brake Warning Output Circuit Short To Ground
C1227	Speed Wheel Sensor LR Input Short Circuit To Battery
C1228	Speed Wheel Sensor LR Input Short Circuit To Ground
C1229	Speed Wheel Sensor Rear Center Coherency Fault
C1230	Speed Wheel Sensor Rear Center Input Circuit Failure
C1231	Speed Wheel Sensor Rear Center Circuit Open
C1232	Speed Wheel Sensor Rear Center Input Short Circuit To Battery
C1233	Speed Wheel LF Input Signal Missing
C1234	Speed Wheel RF Input Signal Missing
C1235	Speed Wheel RR Input Signal Missing
C1236	Speed Wheel LR Input Signal Missing
C1237	Speed Wheel Rear Input Signal Missing
C1238	ABS Hydraulic Pressure Differential Switch Input Circuit Failure
C1239	ABS Hydraulic Pressure Differential Switch Input Open Circuit
C1240	ABS Hydraulic Pressure Differential Switch Input Short Circuit To Battery
C1241	ABS Hydraulic Pressure Differential Switch Input Short Circuit To Ground
C1242	ABS Outlet Valve Coil LR Circuit Failure
C1243	ABS Outlet Valve Coil LR Circuit Open

C1244	ABS Outlet Valve Coil LR Circuit Short To Battery
C1245	ABS Outlet Valve Coil LR Circuit Short To Ground
C1246	ABS Outlet Valve Coil RR Circuit Failure
C1247	ABS Outlet Valve Coil RR Circuit Open
C1248	ABS Outlet Valve Coil RR Circuit Short To Battery
C1249	ABS Outlet Valve Coil RR Circuit Short To Ground
C1250	ABS Inlet Valve Coil LR Circuit Failure
C1251	ABS Inlet Valve Coil LR Circuit Open
C1252	ABS Inlet Valve Coil LR Circuit Short To Battery
C1253	ABS Inlet Valve Coil LR Circuit Short To Ground
C1254	ABS Inlet Valve Coil RR Circuit Failure
C1255	ABS Inlet Valve Coil RR Circuit Open
C1256	ABS Inlet Valve Coil RR Circuit Short To Battery
C1257	ABS Inlet Valve Coil RR Circuit Short To Ground
C1258	Speed Wheel LF Comparison Failure
C1259	Speed Wheel RF Comparison Failure
C1260	Speed Wheel RR Comparison Failure
C1261	Speed Wheel LR Comparison Failure
C1262	Lamp Warning Relay Circuit Failure
C1263	Lamp Warning Relay Circuit Open
C1264	Lamp Warning Relay Circuit Short To Battery
C1265	Lamp Warning Relay Circuit Short To Ground
C1266	ABS Valve Power Relay Circuit Failure
C1267	ABS Functions Temporarily Disabled
C1268	Motor Relay # 1 Circuit Failure
C1269	Motor Relay # 1 Circuit Short to Battery

C1270	Motor # 1 Input Circuit Failure
C1271	Motor # 1 Input Circuit Short to Gnd
C1272	Motor # 2 Input Circuit Failure
C1273	Motor # 2 Input Circuit Short to Vbat
C1274	Solenoid Relay # 1 Circuit Failure
C1275	Solenoid Relay # 1 Circuit Short to Vbatt
C1276	Park Brake Actuator Assembly Switch Applied Circuit Short to Gnd
C1277	STEERING Wheel Angle 1and 2 Circuit Failure
C1278	STEERING Wheel Angle 1and 2 Signal Faulted
C1279	Yaw Rate Sensor circuit Failure
C1280	Yaw Rate Sensor Signal Fault
C1281	Lateral Accelerometer circuit Failure
C1282	Lateral Accelerometer Signal Fault
C1283	Switch Test Signal Failure
C1284	Oil Pressure Switch Failure
C1285	Booster Solenoid circuit Failure
C1286	Booster Mechanical Failure
C1287	Booster Pedal Force switch circuit Failure
C1288	Pressure Transducer Main / Primary Input Circuit Failure
C1289	Pressure Transducer Redundant / Secondary Input Circuit Failure
C1400	Traction Control Valve RF Circuit Failure
C1401	Traction Control Valve RF Circuit Open
C1402	Traction Control Valve RF Circuit Short To Ground
C1403	Traction Control Valve RF Circuit Short To Battery
C1404	Traction Control Valve Rear Circuit Failure
C1405	Traction Control Valve Rear Circuit Open



C1406	Traction Control Valve Rear Circuit Short To Ground
C1407	Traction Control Valve Rear Circuit Short To Battery
C1410	Traction Control Valve LF Circuit Failure
C1411	Traction Control Valve LF Circuit Open
C1412	Traction Control Valve LF Circuit Short To Ground
C1413	Traction Control Valve LF Circuit Short To Battery
C1414	Incorrect Module Design Level
C1415	Incorrect Module Configuration
C1416	Damper RF Circuit Short To Battery
C1417	Damper RF Circuit Short to Ground
C1418	Damper RF Circuit Failure
C1419	Damper RF Circuit Open
C1420	Hydraulic Fluid Pressure/ Flow Circuit Short to Vbatt
C1421	Damper LF Circuit Short To Battery
C1422	Damper LF Circuit Short to Ground
C1423	Damper LF Circuit Failure
C1424	Damper LF Circuit Open
C1425	Damper RR Circuit Short to Ground
C1426	Damper RR Circuit Short To Battery
C1427	Damper RR Circuit Open
C1428	Damper RR Circuit Failure
C1429	Input-shaft-speed input circuit failure
C1430	Damper LR Circuit Open
C1431	Damper LR Circuit Short To Battery
C1432	Damper LR Circuit Short to Ground
C1433	Damper LR Circuit Failure

C1435	Accelerometer Rear Circuit Failure
C1436	Accelerometer Rear Circuit Signal Is Not Sensed
C1437	Accelerometer Rear Circuit Short To Ground
C1438	Accelerometer Rear Circuit Short To Battery
C1439	Vehicle Acceleration EEC-IV Circuit Failure
C1440	Pressure Transducer Main / Primary signal Faulted
C1441	Steering Phase A Circuit Signal Is Not Sensed
C1442	Steering Phase B Circuit Signal Is Not Sensed
C1443	Steering Phase A Circuit Short To Ground
C1444	Steering Phase B Circuit Short To Ground
C1445	Speed Vehicle Signal Circuit Failure
C1446	Brake Switch Circuit Failure
C1447	Traction Control Module Request Circuit Failure
C1448	Lamp Adaptive Damping Warning Circuit Failure
C1449	Traction Control Motor Coherency Fault
C1450	Traction Control Motor Circuit Failure
C1451	Traction Control Motor Circuit Open
C1452	Traction Control Motor Circuit Short to Battery
C1453	Traction Control Motor Circuit Short to Ground
C1454	Front Lateral Accelerometer Circuit Failure
C1455	Accelerometer Front Circuit Failure
C1456	Accelerometer Front Circuit Is Not Sensed
C1457	Accelerometer Front Circuit Short To Ground
C1458	Accelerometer Front Circuit Short To Battery
C1459	Adaptive Mode Switch Circuit Failure
C1460	Vehicle Accelerometer Power Circuit Failure

C1461	Vehicle Accelerometer Power Circuit Short to Battery
C1462	Left Front Vertical Accelerometer Circuit Failure
C1463	Right Front Vertical Accelerometer Circuit Failure
C1464	Pressure Transducer Redundant / Secondary Signal Faulted
C1465	Damper High Side Front Circuit Short To Battery
C1466	Damper Circuit Failure
C1467	Damper High Side Rear Circuit Short To Battery
C1468	Damper Low Side Front Circuit Failure
C1469	Damper Low Side Rear Circuit Failure
C1495	Traction Control Motor Potentiometer Circuit Failure
C1496	Traction Control Motor Potentiometer Circuit Open
C1497	Traction Control Motor Potentiometer Circuit Short to Battery
C1498	Traction Control Motor Potentiometer Circuit Short to Ground
C1499	Transfer Case Contact Plate "A" Encoder Circuit Failure
C1500	Transfer Case Contact Plate "B" Encoder Circuit Failure
C1501	Transfer Case Contact Plate "C" Encoder Circuit Failure
C1502	Transfer Case Contact Plate "D" Encoder Circuit Failure
C1503	Dynamic Stability Control Left Front Valve Malfunction
C1504	Dynamic Stability Control Right Front Valve Malfunction
C1505	Dynamic Stability Control Left Rear Valve Malfunction
C1506	Dynamic Stability Control Right Rear Valve Malfunction
C1507	Traction Control of Brake Exceeds Time-Out
C1508	Traction Control of Engine Exceeds Time-Out
C1510	Right Front Wheel Pressure Reduction Performance Problem
C1511	Left Front Wheel Pressure Reduction Performance Problem
C1512	Right Rear Wheel Pressure Reduction Performance Problem

C1513	Left rear Wheel Pressure Reduction Performance Problem
C1699	Left Rear Sensor Circuit Short to Vbat
C1700	Left Rear Sensor Circuit Failure
C1701	Left Rear Sensor Circuit Fault
C1702	RightRear Sensor Circuit Short to Vbat
C1703	Right Rear Sensor Circuit Failure
C1704	Right Rear Sensor Circuit Fault
C1705	Left Rear Center Sensor Circuit Short to Vbat
C1706	Left Rear Center Sensor Circuit Failure
C1707	Left Rear Center Sensor Circuit Fault
C1708	Right Rear Center Sensor Circuit Short to Vbat
C1709	Right Rear Center Sensor Circuit Failure
C1710	Right Rear Center Sensor Circuit Fault
C1711	Left Front Sensor Circuit Short to Vbat
C1712	Left Front Sensor Circuit Failure
C1713	Left Front Sensor Circuit Fault
C1714	Right Front Sensor Circuit Short to Vbat
C1715	Right Front Sensor Circuit Failure
C1716	Right Front Sensor Circuit Fault
C1717	Left Front Center Sensor Circuit Short to Vbat
C1718	Left Front Center Sensor Circuit Failure
C1719	Left Front Center Sensor Circuit Fault
C1721	Air Suspension Height Sensor Power Circuit Open
C1722	Air Suspension Height Sensor Power Circuit Short To Battery
C1723	Air Suspension Height Sensor Power Circuit Short To Ground
C1724	Air Suspension Height Sensor Power Circuit Failure

C1725	Air Suspension Front Pneumatic Failure
C1726	Air Suspension Rear Pneumatic Failure
C1727	Air Suspension Reservoir Pneumatic Failure
C1728	Transfer Case unable to transition between 2H and 4H
C1729	Transfer Case unable to transition between 4H and 4L
C1730	Reference Voltage Out of Range (+5 v)
C1731	Air Suspension LF Corner Up Timeout
C1732	Air Suspension LF Corner Down Timeout
C1733	Air Suspension RF Corner Up Timeout
C1734	Air Suspension RF Corner Down Timeout
C1735	Air Suspension LR Corner Up Timeout
C1736	Air Suspension LR Corner Down Timeout
C1737	Air Suspension RR Corner Up Timeout
C1738	Air Suspension RR Corner Down Timeout
C1739	Right Front Center Sensor Circuit Short to Vbat
C1740	Right Front Center Sensor Circuit Failure
C1741	Right Front Center Sensor Circuit Fault
C1742	Rear Sounder Circuit Failure
C1743	Rear Sounder Circuit Short to Vbatt
C1744	Front Sounder Circuit Failure
C1745	Front Sounder Circuit Short to Vbatt
C1748	Switch input Circuit Short to Gnd
C1749	Trailer Input Circuit Failure
C1750	Accelerator Position Sensor Out of Range
C1751	Vehicle Speed Sensor # 1 Output Circuit Short to Vbatt
C1752	Vehicle Speed Sensor # 1 Output Circuit Short to Gnd

C1753	Hydraulic Clutch Actuator Valve Signal Fault
C1754	Hydraulic Clutch Actuator Valve Circuit Failure
C1755	Power Limit Shutdown Fault
C1756	Air Suspension Front Height Sensor High (SE) Signal Circuit Failure
C1757	Air Suspension Front Height Sensor High (SE) Signal Circuit Open
C1758	Air Suspension Front Height Sensor High (SE) Signal Circuit Short To Battery
C1759	Air Suspension Front Height Sensor High (SE) Signal Circuit Short To Ground
C1760	Air Suspension Rear Height Sensor High (SE) Signal Circuit Failure
C1761	Air Suspension Rear Height Sensor High (SE) Signal Circuit Open
C1762	Air Suspension Rear Height Sensor High (SE) Signal Circuit Short To Battery
C1763	Air Suspension Rear Height Sensor High (SE) Signal Circuit Short To Ground
C1765	Air Suspension Rear Height Sensor Low Signal Circuit Failure
C1766	Air Suspension Rear Height Sensor Low Signal Circuit Open
C1767	Air Suspension Rear Height Sensor Low Signal Circuit Short To Battery
C1768	Air Suspension Rear Height Sensor Low Signal Circuit Short To Ground
C1770	Air Suspension Vent Solenoid Output Circuit Failure
C1771	Air Suspension Vent Solenoid Output Circuit Open
C1772	Air Suspension Vent Solenoid Output Circuit Short To Battery
C1773	Air Suspension Vent Solenoid Output Circuit Short To Ground
C1774	Coolant Temp Out of Range
C1775	DC-DC Converter Failure
C1776	Heater System Failure
C1777	Vacuum Pressure Circuit Failure
C1778	Power Steering Failure
C1779	Blower Switch Failure
C1780	Temperature Select Failure

C1781	Engine Coolant Temperature Signal Missing/Fault
C1790	Air Suspension LR Air Spring/Shock Solenoid Output Circuit Failure
C1791	Air Suspension LR Air Spring/Shock Solenoid Output Circuit Open
C1792	Air Suspension LR Air Spring/Shock Solenoid Output Circuit Short To Battery
C1793	Air Suspension LR Air Spring/Shock Solenoid Output Circuit Short To Ground
C1795	Air Suspension RR Air Spring/Shock Solenoid Output Circuit Failure
C1796	Air Suspension RR Air Spring/Shock Solenoid Output Circuit Open
C1797	Air Suspension RR Air Spring/Shock Solenoid Output Circuit Short To Battery
C1798	Air Suspension RR Air Spring/Shock Solenoid Output Circuit Short To Ground
C1800	Air Suspension Reservoir Solenoid Circuit Failure
C1805	Mismatched PCM and/or ABS-TC Module
C1813	Air Suspension LR Vent Request Exceeded Max Timing
C1814	Air Suspension RR Vent Request Exceeded Max Timing
C1818	Air Suspension LR Air Compress Request Exceeded Max Timing
C1819	Air Suspension RR Air Compress Request Exceeded Max Timing
C1820	Air Suspension RF Air Compress Request Exceeded Max Timing
C1830	Air Suspension Compressor Relay Circuit Failure
C1831	Air Suspension Compressor Relay Circuit Open
C1832	Air Suspension Compressor Relay Circuit Short To Battery
C1833	Air Suspension Compressor Relay Circuit Short To Ground
C1834	Gauge Drive Current Fault
C1835	Current Sense Circuit Failure
C1836	Battery Temp out of Range
C1837	Battery Heater Circuit Failure
C1838	Charging System Fault
C1839	Leakage Fault

C1840	Air Suspension Disable Switch Circuit Failure
C1841	Air Suspension Disable Switch Circuit Open
C1842	Air Suspension Disable Switch Circuit Short To Battery
C1843	Air Suspension Disable Switch Circuit Short To Ground
C1844	Air Suspension Secondary Front Inflator Solenoid Output Circuit Failure
C1845	Air Suspension Front Inflator Solenoid Output Circuit Failure
C1846	Air Suspension Front Inflator Solenoid Output Circuit Open
C1847	Air Suspension Front Inflator Solenoid Output Circuit Short To Battery
C1848	Air Suspension Front Inflator Solenoid Output Circuit Short To Ground
C1849	Master Cylinder Pressure Out of Range
C1850	Air Suspension Warning Lamp Circuit Failure
C1851	Air Suspension Warning Lamp Circuit Open
C1852	Air Suspension Warning Lamp Circuit Short To Battery
C1853	Air Suspension Warning Lamp Circuit Short To Ground
C1854	Motor Temperature Out of Range
C1855	Acceleration Position Sensor Conflict
C1856	Traction Motor Encoder circuit Failure
C1859	PRNDL Input #2 Circuit Failure
C1860	PRNDL Input #3 Circuit Failure
C1861	PRNDL Input #4 Circuit Failure
C1862	Contactor Circuit Failure
C1863	External Charging Fault
C1864	Battery Module Fault
C1865	Air Suspension Rear Inflator Solenoid Output Circuit Failure
C1866	Air Suspension Rear Inflator Solenoid Output Circuit Open
C1867	Air Suspension Rear Inflator Solenoid Output Circuit Short To Battery



C1868	Air Suspension Rear Inflator Solenoid Output Circuit Short To Ground
C1869	Air Suspension Gate Solenoid Output Circuit Failure
C1870	Air Suspension Gate Solenoid Output Circuit Open
C1871	Air Suspension Gate Solenoid Output Circuit Short To Battery
C1872	Air Suspension Gate Solenoid Output Circuit Short To Ground
C1873	Air Suspension RF Air Spring Solenoid Output Circuit Failure
C1874	Air Suspension RF Air Spring Solenoid Output Circuit Open
C1875	Air Suspension RF Air Spring Solenoid Output Circuit Short To Battery
C1876	Air Suspension RF Air Spring Solenoid Output Circuit Short To Ground
C1877	Air Suspension LF Air Spring Solenoid Output Circuit Failure
C1878	Air Suspension LF Air Spring Solenoid Output Circuit Open
C1879	Air Suspension LF Air Spring Solenoid Output Circuit Short To Battery
C1880	Air Suspension LF Air Spring Solenoid Output Circuit Short To Ground
C1881	Air Suspension RF Height Sensor Circuit Failure
C1882	Air Suspension RF Height Sensor Circuit Open
C1883	Air Suspension RF Height Sensor Circuit Short To Battery
C1884	Air Suspension RF Height Sensor Circuit Short To Ground
C1885	Air Suspension RR Height Sensor Circuit Failure
C1886	Air Suspension RR Height Sensor Circuit Open
C1887	Air Suspension RR Height Sensor Circuit Short To Battery
C1888	Air Suspension RR Height Sensor Circuit Short To Ground
C1889	Air Suspension LF Height Sensor Circuit Failure
C1890	Air Suspension LF Height Sensor Circuit Open
C1891	Air Suspension LF Height Sensor Circuit Short To Battery
C1892	Air Suspension LF Height Sensor Circuit Short To Ground
C1893	Air Suspension LR Height Sensor Circuit Failure

C1894	Air Suspension LR Height Sensor Circuit Open
C1895	Air Suspension LR Height Sensor Circuit Short To Battery
C1896	Air Suspension LR Height Sensor Circuit Short To Ground
C1897	Steering VAPS II Circuit Loop Failure
C1898	Steering VAPS II Circuit Loop Open
C1899	Steering VAPS II Circuit Loop Short To Battery
C1900	Steering VAPS II Circuit Loop Short To Ground
C1901	Ride Control RR Shock Actuator Circuit Failure
C1902	Ride Control RR Shock Actuator Circuit Open
C1903	Ride Control RR Shock Actuator Circuit Short To Battery
C1904	Ride Control RR Shock Actuator Circuit Short To Ground
C1905	Ride Control LR Shock Actuator Circuit Failure
C1906	Ride Control LR Shock Actuator Circuit Open
C1907	Ride Control LR Shock Actuator Circuit Short To Battery
C1908	Ride Control LR Shock Actuator Circuit Short To Ground
C1909	Ride Control RF Shock Actuator Circuit Failure
C1910	Ride Control RF Shock Actuator Circuit Open
C1911	Ride Control RF Shock Actuator Circuit Short To Battery
C1912	Ride Control RF Shock Actuator Circuit Short To Ground
C1913	Ride Control LF Shock Actuator Circuit Failure
C1914	Ride Control LF Shock Actuator Circuit Open
C1915	Ride Control LF Shock Actuator Circuit Short To Battery
C1916	Ride Control LF Shock Actuator Circuit Short To Ground
C1917	Steering EVO Out-of-Range Fault
C1918	Air Suspension Ride Height Select Switch Circuit Failure
C1920	Led #1 Circuit Failure

C1921	VAPS Solenoid Actuator Output Circuit Failure
C1922	VAPS Solenoid Actuator Output Circuit Open
C1923	VAPS Solenoid Actuator Output Circuit Short To Battery
C1924	VAPS Solenoid Actuator Output Circuit Short To Ground
C1925	VAPS Solenoid Actuator Return Circuit Failure
C1926	VAPS Solenoid Actuator Return Circuit Open
C1927	VAPS Solenoid Actuator Return Circuit Short To Battery
C1928	VAPS Solenoid Actuator Return Circuit Short To Ground
C1929	Air Suspension Front Compressor Relay Circuit Failure
C1930	Air Suspension Front Compressor Relay Circuit Open
C1931	Air Suspension Front Compressor Relay Circuit Short To Battery
C1932	Air Suspension Front Compressor Relay Circuit Short To Ground
C1933	Solenoid Current Out Of Range
C1934	HPU (Hydraulic Pump Unit) Pressurisation Failure
C1935	Chime Circuit Failure
C1936	Hydraulic Pump Relay Circuit Failure
C1937	Steering Wheel Angle Sensor Offset Failure
C1938	Invalid Steering Wheel Angle Sensor ID
C1939	Brake Pressure Switch Input Circuit Failure
C1940	Brake Pressure Switch Mechanical Failure
C1942	Unrecognized Powertrain Configuration
C1943	Airbag Deployment Indication Input Fault
C1944	Gauge Driver Circuit Fault
C1945	Park Switch Indicates Park with Vehicle Moving
C1946	Seat Track Position Switch Circuit Open
C1947	Seat Track Position Switch Circuit Short to Ground

C1948	Seat Track Position Switch Circuit Resistance Out of Range
C1949	Accelerometer Sensor Circuit Open
C1950	Accelerometer Sensor Circuit Failure
C1951	Lateral Accelerometer Sensor Circuit Open
C1952	Yaw Rate Sensor Circuit Open
C1953	Master Cylinder Pressure Sensor Circuit Open
C1954	Master Cylinder Pressure Sensor Circuit Failure
C1955	Steering Angle Sensor Circuit Open
C1956	Steering Angle Sensor Circuit Failure
C1957	Dynamic Stability Control Valve RF Circuit Failure
C1958	Dynamic Stability Control Valve LF Circuit Failure
C1959	Lateral Accelerometer Sensor Circuit Failure
C1960	Driver Brake Apply Circuit Fault
C1961	Park Lamp Relay Coil Circuit Failure
C1962	Park Lamp Relay Coil Short to Battery
C1963	Stability Control Inhibit Warning
B1200	Climate Control Pushbutton Circuit Failure
B1201	Fuel Sender Circuit Failure
B1202	Fuel Sender Circuit Open
B1203	Fuel Sender Circuit Short To Battery
B1204	Fuel Sender Circuit Short To Ground
B1205	EIC Switch-1 Assembly Circuit Failure
B1206	EIC Switch-1 Assembly Circuit Open
B1207	EIC Switch-1 Assembly Circuit Short To Battery
B1208	EIC Switch-1 Assembly Circuit Short To Ground
B1209	EIC Switch-2 Assembly Circuit Failure

B1210	EIC Switch-2 Assembly Circuit Open
B1211	EIC Switch-2 Assembly Circuit Short To Battery
B1212	EIC Switch-2 Assembly Circuit Short To Ground
B1213	Anti-Theft Number of Programmed Keys Is Below Minimum
B1214	Running Board Lamp Circuit Failure
B1215	Running Board Lamp Circuit Short to Battery
B1216	Emergency & Road Side Assistance Switch Circuit Short to Ground
B1217	Horn Relay Coil Circuit Failure
B1218	Horn Relay Coil Circuit Short to Vbatt
B1219	Fuel Tank Pressure Sensor Circuit Failure
B1220	Fuel Tank Pressure Sensor Circuit Open
B1222	Fuel Temperature Sensor #1 Circuit Failure
B1223	Fuel Temperature Sensor #1 Circuit Open
B1224	Fuel Temperature Sensor #1 Circuit Short to Battery
B1225	Fuel Temperature Sensor #1 Circuit Short to Ground
B1226	Fuel Temperature Sensor #2 Circuit Failure
B1227	Fuel Temperature Sensor #2 Circuit Open
B1228	Fuel Temperature Sensor #2 Circuit Short to Battery
B1229	Fuel Temperature Sensor #2 Circuit Short to Ground
B1231	Longitudinal Acceleration Threshold Exceeded
B1232	See Manufacturer
B1233	Glass Break Sensor Failure
B1234	Mirror Switch Invalid Code
B1235	Window Feedback Failure
B1236	Window Feedback Loss of Signal
B1237	Window Feedback Out of Range

B1238	Over Temperature Fault
B1239	Air Flow Blend Door Driver Circuit Failure
B1240	Wiper Washer Rear Pump Relay Circuit Failure
B1241	Wiper Washer Rear Pump Relay Circuit Short to Battery
B1242	Air Flow Recirculation Door Driver Circuit Failure
B1243	Express Window Down Switch Circuit Short to Battery
B1244	Wiper Rear Motor Run Relay Circuit Failure
B1245	Wiper Rear Motor Run Relay Circuit Short to Battery
B1246	Dim Panel Potentiometer Switch Circuit Failure
B1247	Panel Dim Switch Circuit Open
B1248	Passenger's Seatback Autoglide Rearward Switch Circuit Short to Ground
B1249	Blend Door Failure
B1250	Air Temperature Internal Sensor Circuit Failure
B1251	Air Temperature Internal Sensor Circuit Open
B1252	Air Temperature Internal Sensor Circuit Short To Battery
B1253	Air Temperature Internal Sensor Circuit Short To Ground
B1254	Air Temperature External Sensor Circuit Failure
B1255	Air Temperature External Sensor Circuit Open
B1256	Air Temperature External Sensor Circuit Short To Battery
B1257	Air Temperature External Sensor Circuit Short To Ground
B1258	Solar Radiation Sensor Circuit Failure
B1259	Solar Radiation Sensor Circuit Open
B1260	Solar Radiation Sensor Circuit Short To Battery
B1261	Solar Radiation Sensor Circuit Short To Ground
B1262	Servo Motor Defrost Circuit Failure
B1263	Servo Motor Vent Circuit Failure

B1264	Servo Motor Foot Circuit Failure
B1265	Servo Motor Coolair Bypass Circuit Failure
B1266	Servo Motor Airintake Left Circuit Failure
B1267	Servo Motor Airintake Right Circuit Failure
B1268	Servo Motor Potentiometer Defrost Circuit Failure
B1269	Servo Motor Potentiometer Defrost Circuit Open
B1270	Servo Motor Potentiometer Defrost Circuit Short To Battery
B1271	Servo Motor Potentiometer Defrost Circuit Short To Ground
B1272	Servo Motor Potentiometer Vent Circuit Failure
B1273	Servo Motor Potentiometer Vent Circuit Open
B1274	Servo Motor Potentiometer Vent Circuit Short To Battery
B1275	Servo Motor Potentiometer Vent Circuit Short To Ground
B1276	Servo Motor Potentiometer Foot Circuit Failure
B1277	Servo Motor Potentiometer Foot Circuit Open
B1278	Servo Motor Potentiometer Foot Circuit Short To Battery
B1279	Servo Motor Potentiometer Foot Circuit Short To Ground
B1280	Servo Motor Potentiometer Coolair Circuit Failure
B1281	Servo Motor Potentiometer Coolair Circuit Open
B1282	Servo Motor Potentiometer Coolair Circuit Short To Battery
B1283	Servo Motor Potentiometer Coolair Circuit Short To Ground
B1284	Servo Motor Potentiometer Airintake Left Circuit Failure
B1285	Servo Motor Potentiometer Airintake Left Circuit Open
B1286	Servo Motor Potentiometer Airintake Left Circuit Short To Battery
B1287	Servo Motor Potentiometer Airintake Left Circuit Short To Ground
B1288	Servo Motor Potentiometer Airintake Right Circuit Failure
B1289	Servo Motor Potentiometer Airintake Right Circuit Open

B1290	Servo Motor Potentiometer Airintake Right Circuit Short To Battery
B1291	Servo Motor Potentiometer Airintake Right Circuit Short To Ground
B1292	Battery Power Relay Circuit Failure
B1293	Battery Power Relay Circuit Open
B1294	Battery Power Relay Circuit Short To Battery
B1295	Battery Power Relay Circuit Short To Ground
B1296	Power Supply Sensor Circuit Failure
B1297	Power Supply Sensor Circuit Open
B1298	Power Supply Sensor Circuit Short To Battery
B1299	Power Supply Sensor Circuit Short To Ground
B1300	Power Door Lock Circuit Failure
B1301	Power Door Lock Circuit Open
B1302	Accessory Delay Relay Coil Circuit Failure
B1303	Accessory Delay Relay Coil Circuit Open
B1304	Accessory Delay Relay Coil Circuit Short To Battery
B1305	Accessory Delay Relay Coil Circuit Short To Ground
B1306	Oil Level Switch Circuit Open
B1307	Oil Level Switch Circuit Short To Battery
B1308	Oil Level Switch Circuit Short To Ground
B1309	Power Door Lock Circuit Short To Ground
B1310	Power Door Unlock Circuit Failure
B1311	Power Door Unlock Circuit Open
B1312	Lamp Headlamp Input Circuit Short To Battery
B1313	Battery Saver Relay Coil Circuit Failure
B1314	Battery Saver Relay Coil Circuit Open
B1315	Battery Saver Relay Coil Circuit Short To Battery



B1316	Battery Saver Relay Coil Circuit Short To Ground
B1317	Battery Voltage High
B1318	Battery Voltage Low
B1319	Driver Door Ajar Circuit Failure
B1320	Driver Door Ajar Circuit Open
B1321	Driver Door Ajar Circuit Short To Battery
B1322	Driver Door Ajar Circuit Short To Ground
B1323	Door Ajar Lamp Circuit Failure
B1324	Door Ajar Lamp Circuit Open
B1325	Door Ajar Lamp Circuit Short To Battery
B1326	Door Ajar Lamp Circuit Short To Ground
B1327	Passenger Door Ajar Circuit Failure
B1328	Passenger Door Ajar Circuit Open
B1329	Passenger Door Ajar Circuit Short To Battery
B1330	Passenger Door Ajar Circuit Short To Ground
B1331	Decklid Ajar Rear Door Circuit Failure
B1332	Decklid Ajar Rear Door Circuit Open
B1333	Decklid Ajar Rear Door Circuit Short To Battery
B1334	Decklid Ajar Rear Door Circuit Short To Ground
B1335	Door Ajar RR Circuit Failure
B1336	Door Ajar RR Circuit Open
B1337	Door Ajar RR Circuit Short To Battery
B1338	Door Ajar RR Circuit Short To Ground
B1339	Chime Input Request Circuit Short To Battery
B1340	Chime Input Request Circuit Short To Ground
B1341	Power Door Unlock Circuit Short To Ground

B1342	ECU Is Defective
B1343	Heated Backlite Input Circuit Failure
B1344	Heated Backlite Input Circuit Open
B1345	Heated Backlite Input Circuit Short To Ground
B1346	Heated Backlite Input Circuit Short To Battery
B1347	Heated Backlite Relay Circuit Failure
B1348	Heated Backlite Relay Circuit Open
B1349	Heated Backlite Relay Short To Battery
B1350	Heated Backlite Relay Short To Ground
B1351	Ignition Key-In Circuit Short To Battery
B1352	Ignition Key-In Circuit Failure
B1353	Ignition Key-In Circuit Open
B1354	Ignition Key-In Circuit Short To Ground
B1355	Ignition Run Circuit Failure
B1356	Ignition Run Circuit Open
B1357	Ignition Run Circuit Short To Battery
B1358	Ignition Run Circuit Short To Ground
B1359	Ignition Run/Acc Circuit Failure
B1360	Ignition Run/Acc Circuit Open
B1361	Ignition Run/Acc Circuit Short To Battery
B1362	Ignition Run/Acc Circuit Short To Ground
B1363	Ignition Start Circuit Failure
B1364	Ignition Start Circuit Open
B1365	Ignition Start Circuit Short To Battery
B1366	Ignition Start Circuit Short To Ground
B1367	Ignition Tach Circuit Failure

B1368	Ignition Tach Circuit Open
B1369	Ignition Tach Circuit Short To Battery
B1370	Ignition Tach Circuit Short To Ground
B1371	Illuminated Entry Relay Circuit Failure
B1372	Illuminated Entry Relay Circuit Open
B1373	Illuminated Entry Relay Short To Battery
B1374	Illuminated Entry Relay Short To Ground
B1375	Oil Change Lamp Circuit Open
B1376	Oil Change Lamp Circuit Short To Battery
B1377	Oil Change Lamp Circuit Failure
B1378	Oil Change Lamp Circuit Short To Ground
B1379	Oil Change Reset Button Circuit Short To Ground
B1380	Oil Change Reset Button Circuit Failure
B1381	Oil Change Reset Button Circuit Open
B1382	Oil Change Reset Button Circuit Short To Battery
B1383	Oil Level Lamp Circuit Short To Battery
B1384	Oil Level Lamp Circuit Failure
B1385	Oil Level Lamp Circuit Open
B1386	Oil Level Lamp Circuit Short To Ground
B1387	Oil Temperature Sensor Circuit Open
B1388	Oil Temperature Sensor Circuit Short To Battery
B1389	Oil Temperature Sensor Circuit Failure
B1390	Oil Temperature Sensor Circuit Short To Ground
B1391	Oil Level Switch Circuit Failure
B1392	Power Door Memory Lock Relay Circuit Failure
B1393	Power Door Memory Lock Relay Circuit Open

B1394	Power Door Memory Lock Relay Circuit Short To Battery
B1395	Power Door Memory Lock Relay Circuit Short To Ground
B1396	Power Door Lock Circuit Short To Battery
B1397	Power Door Unlock Circuit Short To Battery
B1398	Driver Power Window One Touch Window Relay Circuit Failure
B1399	Driver Power Window One Touch Window Relay Circuit Open
B1400	Driver Power Window One Touch Window Relay Circuit Short To Battery
B1401	Driver Power Window One Touch Window Relay Circuit Short To Ground
B1402	Driver Power Window Down Switch Circuit Failure
B1403	Driver Power Window Up Switch Circuit Failure
B1404	Driver Power Window Down Circuit Open
B1405	Driver Power Window Down Circuit Short To Battery
B1406	Driver Power Window Down Circuit Short To Ground
B1407	Driver Power Window Up Circuit Open
B1408	Driver Power Window Up Circuit Short To Battery
B1409	Driver Power Window Up Circuit Short To Ground
B1410	Driver Power Window Motor Circuit Failure
B1411	Driver Power Window Motor Circuit Open
B1412	Driver Power Window Motor Circuit Short To Battery
B1413	Driver Power Window Motor Circuit Short To Ground
B1414	Power Window LR Motor Circuit Failure
B1415	Power Window LR Motor Circuit Open
B1416	Power Window LR Motor Circuit Short To Battery
B1417	Power Window LR Motor Circuit Short To Ground
B1418	Passenger Power Window Motor Circuit Failure
B1419	Passenger Power Window Motor Circuit Open

B1420	Passenger Power Window Motor Circuit Short To Battery
B1421	Passenger Power Window Motor Circuit Short To Ground
B1422	Power Window RR Motor Circuit Failure
B1423	Power Window RR Motor Circuit Open
B1424	Power Window RR Motor Circuit Short To Battery
B1425	Power Window RR Motor Circuit Short To Ground
B1426	Lamp Seat Belt Circuit Short To Battery
B1427	Lamp Seat Belt Circuit Open
B1428	Lamp Seat Belt Circuit Failure
B1429	Lamp Seat Belt Circuit Short To Ground
B1430	Seat Belt Switch Circuit Short To Ground
B1431	Wiper Brake/Run Relay Circuit Failure
B1432	Wiper Brake/Run Relay Circuit Short To Battery
B1433	Wiper Brake/Run Relay Circuit Short To Ground
B1434	Wiper Hi/Low Speed Relay Coil Circuit Failure
B1435	Wiper Hi/Low Speed Relay Coil Circuit Open
B1436	Wiper Hi/Low Speed Relay Coil Circuit Short To Battery
B1437	Wiper Hi/Low Speed Relay Coil Circuit Short To Ground
B1438	Wiper Mode Select Switch Circuit Failure
B1439	Wiper Mode Select Switch Circuit Open
B1440	Wiper Mode Select Switch Circuit Short To Battery
B1441	Wiper Mode Select Switch Circuit Short To Ground
B1442	Door Handle Switch Circuit Failure
B1443	Door Handle Switch Circuit Open
B1444	Door Handle Switch Circuit Short To Battery
B1445	Door Handle Switch Circuit Short To Ground

B1446	Wiper Park Sense Circuit Failure
B1447	Wiper Park Sense Circuit Open
B1448	Wiper Park Sense Circuit Short To Battery
B1449	Wiper Park Sense Circuit Short To Ground
B1450	Wiper Wash/Delay Switch Circuit Failure
B1451	Wiper Wash/Delay Switch Circuit Open
B1452	Wiper Wash/Delay Switch Circuit Short To Battery
B1453	Wiper Wash/Delay Switch Circuit Short To Ground
B1454	Wiper Washer Fluid Lamp Circuit Failure
B1455	Wiper Washer Fluid Lamp Circuit Open
B1456	Wiper Washer Fluid Lamp Circuit Short To Battery
B1457	Wiper Washer Fluid Lamp Circuit Short To Ground
B1458	Wiper Washer Pump Motor Relay Circuit Failure
B1459	Wiper Washer Pump Motor Relay Coil Circuit Open
B1460	Wiper Washer Pump Motor Relay Coil Circuit Short To Battery
B1461	Wiper Washer Pump Motor Relay Coil Circuit Short To Ground
B1462	Seat Belt Switch Circuit Failure
B1463	Seat Belt Switch Circuit Open
B1464	Seat Belt Switch Circuit Short To Battery
B1465	Wiper Brake/Run Relay Circuit Open
B1466	Wiper Hi/Low Speed Not Switching
B1467	Wiper Hi/Low Speed Circuit Motor Short To Battery
B1468	Chime Input Request Circuit Failure
B1469	Chime Input Request Circuit Open
B1470	Lamp Headlamp Input Circuit Failure
B1471	Lamp Headlamp Input Circuit Open

B1472	Lamp Headlamp Input Circuit Short To Ground
B1473	Wiper Low Speed Circuit Motor Failure
B1474	Battery Saver Power Relay Circuit Short To Battery
B1475	Accessory Delay Relay Contact Short To Battery
B1476	Wiper High Speed Circuit Motor Failure
B1477	Wiper Hi/Low Circuit Motor Short To Ground
B1478	Power Window One Touch Up/Down Activated Simultaneously
B1479	Wiper Washer Fluid Level Sensor Circuit Failure
B1480	Wiper Washer Fluid Level Sensor Circuit Open
B1481	Wiper Washer Fluid Level Sensor Circuit Short To Battery
B1482	Wiper Washer Fluid Level Sensor Circuit Short To Ground
B1483	Brake Pedal Input Circuit Failure
B1484	Brake Pedal Input Open Circuit
B1485	Brake Pedal Input Circuit Battery Short
B1486	Brake Pedal Input Circuit Ground Short
B1487	Door Handle Right Front Circuit Failure
B1488	Door Handle Right Front Circuit Open
B1489	Door Handle Right Front Short To Battery
B1490	Door Handle Right Front Short To Ground
B1491	Ignition Cylinder Sensor Circuit Failure
B1492	Ignition Cylinder Sensor Open Circuit
B1493	Ignition Cylinder Sensor Battery Short
B1494	Ignition Cylinder Sensor Ground Short
B1495	Decklid Punch-Out Sensor Circuit Failure
B1496	Decklid Punch-Out Sensor Open Circuit
B1497	Decklid Punch-Out Sensor Battery Short

B1498	Decklid Punch-Out Sensor Ground Short
B1499	Lamp Turn Signal Left Circuit Failure
B1500	Lamp Turn Signal Left Circuit Open
B1501	Lamp Turn Signal Left Circuit Short To Battery
B1502	Lamp Turn Signal Left Circuit Short To Ground
B1503	Lamp Turn Signal Right Circuit Failure
B1504	Lamp Turn Signal Right Circuit Open
B1505	Lamp Turn Signal Right Circuit Short To Battery
B1506	Lamp Turn Signal Right Circuit Short To Ground
B1507	Flash To Pass Switch Circuit Failure
B1508	Flash To Pass Switch Circuit Open
B1509	Flash To Pass Switch Circuit Short To Battery
B1510	Flash To Pass Switch Circuit Short To Ground
B1511	Driver Door Handle Circuit Failure
B1512	Driver Door Handle Circuit Open
B1513	Driver Door Handle Circuit Short To Battery
B1514	Driver Door Handle Circuit Short To Ground
B1515	Seat Driver Occupied Switch Circuit Failure
B1516	Seat Driver Occupied Switch Circuit Open
B1517	Seat Driver Occupied Switch Circuit Short To Battery
B1518	Seat Driver Occupied Switch Circuit Short To Ground
B1519	Hood Switch Circuit Failure
B1520	Hood Switch Circuit Open
B1521	Hood Switch Circuit Short To Battery
B1522	Hood Switch Circuit Short To Ground
B1523	Keyless Entry Circuit Failure



B1524	Keyless Entry Circuit Open
B1525	Keyless Entry Circuit Short To Battery
B1526	Keyless Entry Circuit Short To Ground
B1527	Memory Set Switch Circuit Failure
B1528	Memory Set Switch Circuit Open
B1529	Memory Set Switch Circuit Short To Battery
B1530	Memory Set Switch Circuit Short To Ground
B1531	Memory 1 Switch Circuit Failure
B1532	Memory 1 Switch Circuit Open
B1533	Memory 1 Switch Circuit Short To Battery
B1534	Memory 1 Switch Circuit Short To Ground
B1535	Memory 2 Switch Circuit Failure
B1536	Memory 2 Switch Circuit Open
B1537	Memory 2 Switch Circuit Short To Battery
B1538	Memory 2 Switch Circuit Short To Ground
B1539	Mirror Driver Switch Assembly Circuit Failure
B1540	Mirror Driver Switch Assembly Circuit Open
B1541	Mirror Driver Switch Assembly Circuit Short To Battery
B1542	Mirror Driver Switch Assembly Circuit Short To Ground
B1543	Seat Direction Switch Assembly Circuit Failure
B1544	Seat Direction Switch Assembly Circuit Open
B1545	Seat Direction Switch Assembly Circuit Short To Battery
B1546	Seat Direction Switch Assembly Circuit Short To Ground
B1547	Power Window Master Circuit Failure
B1548	Power Window Master Circuit Open
B1549	Power Window Master Circuit Short To Battery

B1550	Power Window Master Circuit Short To Ground
B1551	Decklid Release Circuit Failure
B1552	Decklid Release Circuit Open
B1553	Decklid Release Circuit Short To Battery
B1554	Decklid Release Circuit Short To Ground
B1555	Ignition Run/Start Circuit Failure
B1556	Ignition Run/Start Circuit Open
B1557	Ignition Run/Start Circuit Short To Battery
B1558	Ignition Run/Start Circuit Short To Ground
B1559	Door Lock Cylinder Circuit Failure
B1560	Door Lock Cylinder Circuit Open
B1561	Door Lock Cylinder Circuit Short To Battery
B1562	Door Lock Cylinder Circuit Short To Ground
B1563	Door Ajar Circuit Failure
B1564	Door Ajar Circuit Open
B1565	Door Ajar Circuit Short To Battery
B1566	Door Ajar Circuit Short To Ground
B1567	Lamp Headlamp High-Beam Circuit Failure
B1568	Lamp Headlamp High-Beam Circuit Open
B1569	Lamp Headlamp High-Beam Circuit Short To Battery
B1570	Lamp Headlamp High-Beam Circuit Short To Ground
B1571	Door Ajar LR Circuit Failure
B1572	Door Ajar LR Circuit Open
B1573	Door Ajar LR Circuit Short To Battery
B1574	Door Ajar LR Circuit Short To Ground
B1575	Lamp Park Input Circuit Failure

B1576	Lamp Park Input Circuit Open
B1577	Lamp Park Input Circuit Short To Battery
B1578	Lamp Park Input Circuit Short To Ground
B1579	Dim Panel Increase Input Circuit Failure
B1580	Dim Panel Increase Input Circuit Open
B1581	Dim Panel Increase Input Circuit Short To Battery
B1582	Dim Panel Increase Input Circuit Short To Ground
B1583	Dim Panel Decrease Input Circuit Failure
B1584	Dim Panel Decrease Input Circuit Open
B1585	Dim Panel Decrease Input Circuit Short To Battery
B1586	Dim Panel Decrease Input Circuit Short To Ground
B1587	Autolamp Delay Increase Circuit Failure
B1588	Autolamp Delay Increase Circuit Open
B1589	Autolamp Delay Increase Circuit Short To Battery
B1590	Autolamp Delay Increase Circuit Short To Ground
B1591	Autolamp Delay Decrease Circuit Failure
B1592	Autolamp Delay Decrease Circuit Open
B1593	Autolamp Delay Decrease Circuit Short To Battery
B1594	Autolamp Delay Decrease Circuit Short To Ground
B1595	Ignition Switch Illegal Input Code
B1596	Service Continuous Codes
B1597	Driver's Seat Seatback Autoglide Forward Switch Circuit Short to Ground
B1598	Driver's Seat Seatback Autoglide Rearward Switch Circuit Short to Ground
B1599	Passenger's Seatback Autoglide Forward Switch Circuit Short to Ground
B1600	PATS Ignition Key Transponder Signal Is Not Received
B1601	PATS Received Incorrect Key-Code From Ignition Key Transponder

B1602	PATS Received Invalid Format Of Key-Code From Ignition Key Transponder
B1603	Lamp Anti-Theft Indicator Circuit Failure
B1604	Lamp Anti-Theft Indicator Circuit Open
B1605	Lamp Anti-Theft Indicator Circuit Short To Battery
B1606	Lamp Anti-Theft Indicator Circuit Short To Ground
B1607	Illuminated Entry Input Circuit Failure
B1608	Illuminated Entry Input Open Circuit
B1609	Illuminated Entry Input Short Circuit To Battery
B1610	Illuminated Entry Input Short Circuit To Ground
B1611	Wiper Rear Mode Select Switch Circuit Failure
B1612	Wiper Rear Mode Select Switch Circuit Open
B1613	Wiper Rear Mode Select Switch Circuit Short To Battery
B1614	Wiper Rear Mode Select Switch Circuit Short To Ground
B1615	Wiper Rear Disable Switch Circuit Failure
B1616	Wiper Rear Disable Switch Circuit Open
B1617	Wiper Rear Disable Switch Circuit Short To Battery
B1618	Wiper Rear Disable Switch Circuit Short To Ground
B1619	Wiper Rear Low Limit Input Circuit Failure
B1620	Wiper Rear Low Limit Input Circuit Open
B1621	Wiper Rear Low Limit Input Circuit Short To Battery
B1622	Wiper Rear Low Limit Input Circuit Short To Ground
B1623	Lamp Keypad Output Circuit Failure
B1624	Lamp Keypad Output Open Circuit
B1625	Lamp Keypad Output Short Circuit To Battery
B1626	Lamp Keypad Output Short Circuit To Ground
B1627	PRNDL Reverse Input Circuit Failure

B1628	PRNDL Reverse Input Open Circuit
B1629	PRNDL Reverse Input Short To Battery
B1630	PRNDL Reverse Input Short Circuit To Ground
B1631	Mirror Driver Left Circuit Failure
B1632	Mirror Driver Left Circuit Open
B1633	Mirror Driver Left Circuit Short To Battery
B1634	Mirror Driver Left Circuit Short To Ground
B1635	Mirror Driver Right Circuit Failure
B1636	Mirror Driver Right Circuit Open
B1637	Mirror Driver Right Circuit Short To Battery
B1638	Mirror Driver Right Short To Ground
B1639	Mirror Passenger Left Circuit Failure
B1640	Mirror Passenger Left Circuit Open
B1641	Mirror Passenger Left Circuit Short To Battery
B1642	Mirror Passenger Left Circuit Short To Ground
B1643	Mirror Passenger Right Circuit Failure
B1644	Mirror Passenger Right Circuit Open
B1645	Mirror Passenger Right Circuit Short To Battery
B1646	Mirror Passenger Right Circuit Short To Ground
B1647	Seat Driver Recline Forward Circuit Failure
B1648	Seat Driver Recline Forward Circuit Open
B1649	Seat Driver Recline Forward Circuit Short To Battery
B1650	Seat Driver Recline Forward Circuit Short To Ground
B1651	Seat Driver Recline Backward Circuit Failure
B1652	Seat Driver Recline Backward Circuit Open
B1653	Seat Driver Recline Backward Circuit Short To Battery

B1654	Seat Driver Recline Backward Circuit Short To Ground
B1655	Seat Driver Rear Up Circuit Failure
B1656	Seat Driver Rear Up Circuit Open
B1657	Seat Driver Rear Up Circuit Short To Battery
B1658	Seat Driver Rear Up Circuit Short To Ground
B1659	Seat Driver Front Up Circuit Failure
B1660	Seat Driver Front Up Circuit Open
B1661	Seat Driver Front Up Circuit Short To Battery
B1662	Seat Driver Front Up Circuit Short To Ground
B1663	Seat Driver Front Up/Down Motor Stalled
B1664	Seat Driver Rear Up/Down Motor Stalled
B1665	Seat Driver Forward/Backward Motor Stalled
B1666	Seat Driver Recline Motor Stalled
B1667	Mirror Driver Up/Down Motor Stalled
B1668	Mirror Driver Right/Left Motor Stalled
B1669	Mirror Passenger Up/Down Motor Stalled
B1670	Mirror Passenger Right/Left Motor Stalled
B1671	Battery Module Voltage Out Of Range
B1672	Seat Driver Occupied Input Circuit Failure
B1673	Seat Driver Occupied Input Circuit Open
B1674	Seat Driver Occupied Input Circuit Short To Battery
B1675	Seat Driver Occupied Input Circuit Short To Ground
B1676	Battery Pack Voltage Out Of Range
B1677	Alarm Panic Input Circuit Failure
B1678	Alarm Panic Input Circuit Open
B1679	Alarm Panic Input Circuit Short To Battery

B1680	Alarm Panic Input Circuit Short To Ground
B1681	PATS Transceiver Module Signal Is Not Received
B1682	PATS Is Disabled (Check Link Between PATS And Transponder)
B1683	Mirror Driver/Passenger Switch Circuit Failure
B1684	Mirror Driver/Passenger Switch Circuit Open
B1685	Lamp Dome Input Circuit Failure
B1686	Lamp Dome Input Circuit Open
B1687	Lamp Dome Input Circuit Short To Battery
B1688	Lamp Dome Input Circuit Short To Ground
B1689	Autolamp Delay Circuit Failure
B1690	Autolamp Delay Circuit Open
B1691	Autolamp Delay Circuit Short To Battery
B1692	Autolamp Delay Circuit Short To Ground
B1693	Autolamp On Circuit Failure
B1694	Autolamp On Circuit Open
B1695	Autolamp On Circuit Short To Battery
B1696	Autolamp On Circuit Short To Ground
B1697	Mirror Driver/Passenger Switch Circuit Short To Battery
B1698	Mirror Driver/Passenger Switch Circuit Short To Ground
B1699	Passenger's Seat Occupied Switch Circuit Short to Ground
B1700	Passenger's Seatbelt Tension Reducer Circuit Short to Ground
B1701	Seat Driver Recline Forward Switch Circuit Failure
B1702	Seat Driver Recline Forward Switch Circuit Open
B1703	Seat Driver Recline Forward Switch Circuit Short To Battery
B1704	Seat Driver Recline Forward Switch Circuit Short To Ground
B1705	Seat Driver Recline Rearward Switch Circuit Failure

B1706	Seat Driver Recline Rearward Switch Circuit Open
B1707	Seat Driver Recline Rearward Switch Circuit Short To Battery
B1708	Seat Driver Recline Rearward Switch Circuit Short To Ground
B1709	Seat Driver Front Up Switch Circuit Failure
B1710	Seat Driver Front Up Switch Circuit Open
B1711	Seat Driver Front Up Switch Circuit Short To Battery
B1712	Seat Driver Front Up Switch Circuit Short To Ground
B1713	Seat Driver Front Down Switch Circuit Failure
B1714	Seat Driver Front Down Switch Circuit Open
B1715	Seat Driver Front Down Switch Circuit Short To Battery
B1716	Seat Driver Front Down Switch Circuit Short To Ground
B1717	Seat Driver Forward Switch Circuit Failure
B1718	Seat Driver Forward Switch Circuit Open
B1719	Seat Driver Forward Switch Circuit Short To Battery
B1720	Seat Driver Forward Switch Circuit Short To Ground
B1721	Seat Driver Rearward Switch Circuit Failure
B1722	Seat Driver Rearward Switch Circuit Open
B1723	Seat Driver Rearward Switch Circuit Short To Battery
B1724	Seat Driver Rearward Switch Circuit Short To Ground
B1725	Seat Driver Rear Up Switch Circuit Failure
B1726	Seat Driver Rear Up Switch Circuit Open
B1727	Seat Driver Rear Up Switch Circuit Short To Battery
B1728	Seat Driver Rear Up Switch Circuit Short To Ground
B1729	Seat Driver Rear Down Switch Circuit Failure
B1730	Seat Driver Rear Down Switch Circuit Open
B1731	Seat Driver Rear Down Switch Circuit Short To Battery



B1732	Seat Driver Rear Down Switch Circuit Short To Ground
B1733	Mirror Driver Vertical Switch Circuit Failure
B1734	Mirror Driver Vertical Switch Circuit Open
B1735	Mirror Driver Vertical Switch Circuit Short To Battery
B1736	Mirror Driver Vertical Switch Circuit Short To Ground
B1737	Mirror Driver Horizontal Switch Circuit Failure
B1738	Mirror Driver Horizontal Switch Circuit Open
B1739	Mirror Driver Horizontal Switch Circuit Short To Battery
B1740	Mirror Driver Horizontal Switch Circuit Short To Ground
B1741	Mirror Passenger Vertical Switch Circuit Failure
B1742	Mirror Passenger Vertical Switch Circuit Open
B1743	Mirror Passenger Vertical Switch Circuit Short To Battery
B1744	Mirror Passenger Vertical Switch Circuit Short To Ground
B1745	Mirror Passenger Horizontal Switch Circuit Failure
B1746	Mirror Passenger Horizontal Switch Circuit Open
B1747	Mirror Passenger Horizontal Switch Circuit Short To Battery
B1748	Mirror Passenger Horizontal Switch Circuit Short To Ground
B1749	Park/Neutral Switch Circuit Failure
B1750	Park/Neutral Switch Circuit Open
B1751	Park/Neutral Switch Circuit Short To Battery
B1752	Park/Neutral Switch Circuit Short To Ground
B1753	Hazard Flash Output Circuit Failure
B1754	Hazard Flash Output Circuit Open
B1755	Hazard Flash Output Circuit Short Battery
B1756	Hazard Flash Output Circuit Short To Ground
B1757	Seat Driver Rear Down Circuit Failure

B1758	Seat Driver Rear Down Circuit Open
B1759	Seat Driver Rear Down Circuit Short To Battery
B1760	Seat Driver Rear Down Circuit Short To Ground
B1761	Seat Driver Front Down Circuit Failure
B1762	Seat Driver Front Down Circuit Open
B1763	Seat Driver Front Down Circuit Short To Battery
B1764	Seat Driver Front Down Circuit Short To Ground
B1765	Seat Driver Forward Circuit Failure
B1766	Seat Driver Forward Circuit Open
B1767	Seat Driver Forward Circuit Short To Battery
B1768	Seat Driver Forward Circuit Short To Ground
B1769	Seat Driver Backward Circuit Failure
B1770	Seat Driver Backward Circuit Open
B1771	Seat Driver Backward Circuit Short To Battery
B1772	Seat Driver Backward Circuit Short To Ground
B1773	Mirror Driver Up Circuit Failure
B1774	Mirror Driver Up Circuit Open
B1775	Mirror Driver Up Circuit Short To Battery
B1776	Mirror Driver Up Circuit Short To Ground
B1777	Driver's Seatbelt Tension Reducer Circuit Short to Ground
B1778	Mirror Driver Down Circuit Failure
B1779	Mirror Driver Down Circuit Open
B1780	Mirror Driver Down Circuit Short To Battery
B1781	Mirror Driver Down Short To Ground
B1782	Mirror Passenger Up Circuit Failure
B1783	Mirror Passenger Up Circuit Open

B1784	Mirror Passenger Up Circuit Short To Battery
B1785	Mirror Passenger Up Circuit Short To Ground
B1786	Mirror Passenger Down Circuit Failure
B1787	Mirror Passenger Down Circuit Open
B1788	Mirror Passenger Down Circuit Short To Battery
B1789	Mirror Passenger Down Circuit Short To Ground
B1790	Autolamp Sensor Input Circuit Failure
B1791	Autolamp Sensor Input Circuit Open
B1792	Autolamp Sensor Input Circuit Short To Battery
B1793	Autolamp Sensor Input Circuit Short To Ground
B1794	Lamp Headlamp Low-Beam Circuit Failure
B1795	Lamp Headlamp Low-Beam Circuit Open
B1796	Lamp Headlamp Low-Beam Circuit Short To Battery
B1797	Lamp Headlamp Low-Beam Circuit Short To Ground
B1798	Lamp Turn Signal Front Output Circuit Failure
B1799	Lamp Turn Signal Front Output Circuit Open
B1800	Lamp Turn Signal Front Output Circuit Short To Battery
B1801	Lamp Turn Signal Front Output Circuit Short To Ground
B1802	Lamp Turn Signal Rear Output Circuit Failure
B1803	Lamp Turn Signal Rear Output Circuit Open
B1804	Lamp Turn Signal Rear Output Circuit Short To Battery
B1805	Lamp Turn Signal Rear Output Circuit Short To Ground
B1806	Lamp Tail Output Circuit Failure
B1807	Lamp Tail Output Circuit Open
B1808	Lamp Tail Output Circuit Short To Battery
B1809	Lamp Tail Output Circuit Short To Ground

B1810	Lamp Backup Switch Input Circuit Failure
B1811	Lamp Backup Switch Input Circuit Open
B1812	Lamp Backup Switch Input Circuit Short To Battery
B1813	Lamp Backup Switch Input Circuit Short To Ground
B1814	Wiper Rear Motor Down Relay Coil Circuit Failure
B1815	Wiper Rear Motor Down Relay Coil Circuit Open
B1816	Wiper Rear Motor Down Relay Coil Circuit Short To Battery
B1817	Wiper Rear Motor Down Relay Coil Circuit Short To Ground
B1818	Wiper Rear Motor Up Relay Coil Circuit Failure
B1819	Wiper Rear Motor Up Relay Coil Circuit Open
B1820	Wiper Rear Motor Up Relay Coil Circuit Short To Battery
B1821	Wiper Rear Motor Up Relay Coil Circuit Short To Ground
B1822	Wiper Rear Park Sense Input Circuit Failure
B1823	Wiper Rear Park Sense Input Circuit Open
B1824	Wiper Rear Park Sense Input Circuit Short To Battery
B1825	Wiper Rear Park Sense Input Circuit Short To Ground
B1826	Wiper Rear High Limit Input Circuit Failure
B1827	Wiper Rear High Limit Input Circuit Open
B1828	Wiper Rear High Limit Input Circuit Short To Battery
B1829	Wiper Rear High Limit Input Circuit Short To Ground
B1830	Door Unlock Disarm Switch Circuit Failure
B1831	Door Unlock Disarm Switch Circuit Open
B1832	Door Unlock Disarm Switch Circuit Short To Battery
B1833	Door Unlock Disarm Switch Circuit Short To Ground
B1834	Door Unlock Disarm Output Circuit Failure
B1835	Door Unlock Disarm Output Circuit Open

B1836	Door Unlock Disarm Output Circuit Short To Battery
B1837	Door Unlock Disarm Output Circuit Short To Ground
B1838	Battery Saver Power Relay Circuit Failure
B1839	Wiper Rear Motor Circuit Failure
B1840	Wiper Front Power Circuit Failure
B1841	Wiper Front Power Circuit Open
B1842	Wiper Front Power Circuit Short To Battery
B1843	Wiper Front Power Circuit Short To Ground
B1844	Phone Handset Circuit Failure
B1845	Ignition Tamper Circuit Failure
B1846	Ignition Tamper Circuit Open
B1847	Ignition Tamper Circuit Short To Battery
B1848	Ignition Tamper Circuit Short To Ground
B1849	Climate Control Temperature Differential Circuit Failure
B1850	Climate Control Temperature Differential Circuit Open
B1851	Climate Control Temperature Differential Circuit Short To Battery
B1852	Climate Control Temperature Differential Circuit Short To Ground
B1853	Climate Control Air Temperature Internal Sensor Motor Circuit Failure
B1854	Climate Control Air Temperature Internal Sensor Motor Circuit Open
B1855	Climate Control Air Temperature Internal Sensor Motor Circuit Short To Battery
B1856	Climate Control Air Temperature Internal Sensor Motor Circuit Short To Ground
B1857	Climate Control On/Off Switch Circuit Failure
B1858	Climate Control A/C Pressure Switch Circuit Failure
B1859	Climate Control A/C Pressure Switch Circuit Open
B1860	Climate Control A/C Pressure Switch Circuit Short To Battery
B1861	Climate Control A/C Pressure Switch Circuit Short To Ground

B1862	Climate Control A/C Lock Sensor Failure
B1863	Ground ECU Circuit Open
B1864	Battery Power Supply ECU Circuit Failure
B1865	Battery Power Supply ECU Circuit Open
B1866	Battery Power Supply ECU Circuit Short To Battery
B1867	Battery Power Supply ECU Circuit Short To Ground
B1868	Lamp Air Bag Warning Indicator Circuit Failure
B1869	Lamp Air Bag Warning Indicator Circuit Open
B1870	Lamp Air Bag Warning Indicator Circuit Short To Battery
B1871	Passenger Air Bag Disable Module Fault
B1872	Turn Signal / Hazard Power Feed Circuit Short To Battery
B1873	Turn Signal / Hazard Power Feed Circuit Short To Ground
B1874	Cellular Phone Handset Not Present
B1875	Turn Signal / Hazard Switch Signal Circuit Failure
B1876	Seatbelt Driver Pretensioner Circuit Failure
B1877	Seatbelt Driver Pretensioner Circuit Open
B1878	Seatbelt Driver Pretensioner Circuit Short to Battery
B1879	Seatbelt Driver Pretensioner Circuit Short to Ground
B1880	Seatbelt Passenger Pretensioner Circuit Failure
B1881	Seatbelt Passenger Pretensioner Circuit Open
B1882	Seatbelt Passenger Pretensioner Circuit Short to Battery
B1883	Seatbelt Passenger Pretensioner Circuit Short to Ground
B1884	PAD Warning Lamp Inoperative
B1885	Seatbelt Driver Pretensioner Circuit Resistance Low on Squib
B1886	Seatbelt Passenger Pretensioner Circuit Resistance Low on Squib
B1887	Air Bag Driver Circuit Resistance Low or Shorted Together

B1888	Air Bag Passenger Circuit Resistance Low or Shorted Together
B1889	Passenger Airbag Disable Module Sensor Obstructed
B1890	PAD Warning Lamp Circuit Short to Battery
B1891	Air Bag Tone Warning Indicator Circuit Short to Battery
B1892	Air Bag Tone Warning Indicator Circuit Failure
B1893	GPS Antenna Open Circuit
B1894	Wiper Rear Motor Speed Sense Circuit Failure
B1895	Driver's / Passenger's Door Ajar Output Circuit Failure
B1896	Driver's / Passenger's Door Ajar Output Circuit Short to Battery
B1897	Horn Switch Circuit Failure
B1898	Chime Input #2 Circuit Short to Ground
B1899	Microphone Input Signal Circuit Open
B1900	Driver Side Airbag Fault
B1901	Air Bag Crash Sensor #1 Feed/Return Circuit Short To Ground
B1902	Air Bag Crash Sensor #1 Ground Circuit Failure
B1903	Air Bag Crash Sensor #1 Ground Circuit Short To Battery
B1904	Air Bag Crash Sensor #2 Feed/Return Circuit Failure
B1905	Air Bag Crash Sensor #2 Feed/Return Circuit Short To Battery
B1906	Air Bag Crash Sensor #2 Feed/Return Circuit Short To Ground
B1907	Air Bag Crash Sensor #2 Ground Circuit Failure
B1908	Air Bag Crash Sensor #2 Ground Circuit Short To Battery
B1909	Air Bag Crash Sensor #2 Ground Circuit Short To Ground
B1910	Air Bag Diagnostic Monitor Ground Circuit Failure
B1911	Air Bag Diagnostic Monitor Ground Circuit Short To Battery
B1912	Air Bag Diagnostic Monitor Ground Circuit Short To Ground
B1913	Air Bag Driver/Passenger Circuit Short To Ground

B1914	Air Bag Crash Sensors #1 / #2 Circuit Short To Ground
B1915	Air Bag Driver Circuit Failure
B1916	Air Bag Driver Circuit Short To Battery
B1917	Air Bag Memory Clear Circuit Failure
B1918	Air Bag Memory Clear Circuit Open
B1919	Air Bag Memory Clear Circuit Short To Battery
B1920	Air Bag Passenger Circuit Failure
B1921	Air Bag Diagnostic Monitor Ground Circuit Open
B1922	Air Bag Safing Sensor Output Circuit Short To Battery
B1923	Air Bag Memory Clear Circuit Short To Ground
B1924	Air Bag Internal Diagnostic Monitor Fault or System Disarm Fault
B1925	Air Bag Passenger Circuit Short To Battery
B1926	Air Bag Passenger Pressure Switch Circuit Failure
B1927	Passenger Side Airbag Fault
B1928	Air Bag Safing Sensor Output Circuit Failure
B1929	Air Bag Safing Sensor Output Circuit Open
B1930	Air Bag Safing Sensor Output Circuit Short To Ground
B1931	Air Bag Crash Sensor #1 Feed/Return Circuit Failure
B1932	Air Bag Driver Circuit Open
B1933	Air Bag Passenger Circuit Open
B1934	Air Bag Driver Inflator Circuit Resistance Low on Squib
B1935	Air Bag Passenger Inflator Circuit Resistance Low on Squib
B1936	Air Bag Driver Circuit Short To Ground
B1937	Air Bag Passenger Pressure Switch Circuit Open
B1938	Air Bag Passenger Circuit Short To Ground
B1939	Air Bag Passenger Pressure Switch Circuit Short To Ground



B1941	Air Bag Crash Sensor #1 Feed/Return Circuit Open
B1942	Air Bag Crash Sensor #2 Feed/Return Circuit Open
B1943	Air Bag Crash Sensor #1 Ground Circuit Short To Ground
B1944	Air Bag Crash Sensor #1 Ground Circuit Open
B1945	Air Bag Crash Sensor #2 Ground Circuit Open
B1946	Climate Control A/C Post Evaporator Sensor Circuit Failure
B1947	Climate Control A/C Post Evaporator Sensor Circuit Short To Ground
B1948	Climate Control Water Temperature Sensor Circuit Failure
B1949	Climate Control Water Temperature Sensor Circuit Short To Ground
B1950	Seat Rear Up/Down Potentiometer Feedback Circuit Failure
B1951	Seat Rear Up/Down Potentiometer Feedback Circuit Open
B1952	Seat Rear Up/Down Potentiometer Feedback Circuit Short To Battery
B1953	Seat Rear Up/Down Potentiometer Feedback Circuit Short To Ground
B1954	Seat Front Up/Down Potentiometer Feedback Circuit Failure
B1955	Seat Front Up/Down Potentiometer Feedback Circuit Open
B1956	Seat Front Up/Down Potentiometer Feedback Circuit Short To Battery
B1957	Seat Front Up/Down Potentiometer Feedback Circuit Short To Ground
B1958	Seat Recline Forward/Backward Potentiometer Feedback Circuit Failure
B1959	Seat Recline Forward/Backward Potentiometer Feedback Circuit Open
B1960	Seat Recline Forward/Backward Potentiometer Feedback Circuit Short To Battery
B1961	Seat Recline Forward/Backward Potentiometer Feedback Circuit Short To Ground
B1962	Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Failure
B1963	Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Open
B1964	Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Short To Battery
B1965	Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Short To Ground
B1966	A/C Post Heater Sensor Circuit Failure

B1967	A/C Post Heater Sensor Circuit Short To Ground
B1968	A/C Water Pump Detection Circuit Failure
B1969	A/C Clutch Magnetic Control Circuit Failure
B1970	Passenger Seatback Forward Switch Circuit Short to Ground
B1971	Passenger Seatback Rearward Switch Circuit Short to Ground
B1972	Passenger Rear Seat Up Switch Circuit Short to Battery
B1973	Passenger Rear Seat Down Switch Circuit Short to Battery
B1974	Passenger's Seat Recline Forward Switch Circuit Short to Battery
B1975	Passenger's Seat Recline Back Switch Circuit Short to Battery
B1976	Passenger's Seat Forward Switch Circuit Short to Battery
B1977	Passenger's Front Seat Up Switch Circuit Short to Battery
B1978	Passenger's Front Seat Down Switch Circuit Short to Battery
B1979	Passenger Seat Rearward Switch Circuit Short to Battery
B1980	Bulb - Outage Condition Detected
B1981	Memory Off Switch Circuit Short to Battery
B1982	Driver's Door Unlock Relay Circuit Failure
B1983	Driver's Door Unlock Relay Circuit Short to Battery
B1984	Seat Switch Lumbar Inflate Circuit Failure
B1985	Seat Switch Lumbar Deflate Circuit Failure
B1986	Driver's Seat Seatback Autoglide Rearward Switch Circuit Failure
B1987	Pedal Forward / Rearward Motor Stalled
B1988	Pedal Position Forward Switch Circuit Short to Battery
B1989	Pedal Position Rearward Switch Circuit Short to Battery
B1990	Pedal Forward / Rearward Potentiometer Feedback Circuit Failure
B1991	Pedal Forward / Rearward Potentiometer Feedback Circuit Short to Battery
B1992	Driver Side, Side mount Airbag Circuit Short to Vbatt

B1993	Driver Sid, Side mount Airbag Circuit Short to Ground
B1994	Driver Sid, Side mount Airbag Circuit Open
B1995	Driver Sid, Side mount Airbag Low resistance on Squib
B1996	Passenger Sid, Side mount Airbag Circuit Short to Vbatt
B1997	Passenger Sid, Side mount Airbag Circuit Short to Ground
B1998	Passenger Sid, Side mount Airbag Circuit Open
B1999	Passenger Sid, Side mount Airbag Low resistance on Squib
B2100	Door Driver Key Cylinder Switch Failure
B2101	Head Rest Switch Circuit Failure
B2102	Antenna Circuit Short to Ground
B2103	Antenna Not Connected
B2104	Door Passenger Key Cylinder Switch Failure
B2105	Throttle Position Input Out of Range Low
B2106	Throttle Position Input Out of Range High
B2107	Front Wiper Motor Relay Circuit Short to Vbatt
B2108	Trunk Key Cylinder Switch Failure
B2109	Heated Wind Shield Relay Short to Vbatt (changed from Failure 2/6/97)
B2110	Front Wiper Motor Relay Circuit Open (changed from Failure 2/6/97)
B2111	All Door Lock Input Short to Ground
B2112	Door Driver Set Switch Stuck Failure
B2113	Heated Windshield Input Short to Ground
B2114	Front Washer Input Short to Ground
B2115	Rear Washer Input Short to Ground
B2116	Door Driver Reset Switch Stuck Failure
B2117	Driver Side, Side mount Airbag Low capacitance on Squib
B2118	Passenger Sid, Side mount Airbag Low capacitance on Squib

B2119	Compressor Failure
B2120	Door Passenger Set Switch Stuck Failure
B2122	Driver Side Satellite Communication Circuit Short to Ground
B2123	Passenger Side Satellite Communication Circuit Short to Ground
B2124	Door Passenger Reset Switch Stuck Failure
B2128	Central Lock Motor Failure
B2129	Central Lock Feedback Failure
B2130	Double Lock Timeout Failure
B2131	Double Lock Feedback Failure
B2132	Dimmer switch Circuit Short to Gnd
B2133	Brake Motor Warning lamp Circuit Failure
B2134	Brake Motor Warning lamp Circuit Short to Vbatt
B2135	Park Brake Applied Warning Lamp Circuit Failure
B2136	Park Brake Applied Warning Lamp Circuit Short To Battery
B2139	Data Mismatch (receive data does not match what was expected)
B2141	NVM Configuration Failure
B2142	NVM TIC Failure
B2143	NVM Memory Failure
B2144	NVM Alarm Data Failure
B2145	NVM RF HR Failure
B2146	Seat Recline Motor Position Out of Range
B2148	PWM Input Circuit Failure
B2149	Seat Front Vertical Motor Position Out of Range
B2150	Power Supply #1 Circuit Short to Ground
B2151	Power Supply #2 Circuit Short to Ground
B2152	Seat Rear Vertical Motor Position Out of Range

B2153	Rear Echo Sensor Circuit Failure
B2154	Front Echo Sensor Circuit Failure
B2155	Seat Horizontal Motor Position Out of Range
B2156	Rear Doppler Sensor Circuit Failure
B2157	Front Doppler Sensor Circuit Failure
B2158	Seat Recline Motor Memory Position Out of Range
B2159	Memory #1 output Short to Ground
B2160	Memory #1 output Short to VBatt
B2161	Seat Front Vertical Motor Memory Position Out of Range
B2162	Data Mismatch #2 (receive data does not match what was expected)
B2163	Clutch Position Fault
B2164	Seat Rear Vertical Motor Memory Position Out of Range
B2165	Gear shift position Fault
B2166	Gear select position Fault
B2167	Seat Horizontal Motor Memory Position Out of Range
B2168	Unable to confirm Unlock Condition
B2169	Unable to confirm lock Condition
B2170	Steering Column Lock Switch Circuit Failure
B2172	Inertia Switch input Circuit Open
B2174	Window Driver Rear Remote Up Switch Short to Battery
B2175	A/C Request Signal Circuit Short to Ground
B2176	Overdrive switch circuit short to Vbatt
B2177	Interior Scanning Sensor Circuit Failure
B2178	Window Driver Rear Remote Down Switch Short to Battery
B2179	Front Wiper Select Switch "A" Short to Ground
B2180	Front Wiper Select Switch "B" Short to Ground

B2181	Front Wiper Select Switch "C" Short to Ground
B2182	Window Passenger Front Remote Up Switch Short to Battery
B2183	Front Wiper Select Switch "H" Short to Ground
B2184	Front Wiper Select Switch "W" Short to Ground
B2185	Rear Wiper Select Switch "D" Short to Ground
B2186	Window Passenger Front Remote Down Switch Short to Battery
B2187	Rear Wiper Select Switch "B" Short to Ground
B2188	Rear Wiper Select Switch "E" Short to Ground
B2190	Window Passenger Rear Remote Up Switch Short to Battery
B2194	Window Passenger Rear Remote Down Switch Short to Battery
B2195	Driver Window Up / Down Power Circuit Short to Ground
B2196	Passenger Window Up / Down Power Circuit Short to Ground
B2197	TV Module Error
B2198	TrafficMaster Module Error
B2199	VICS Module Error
B2200	No Communication to TV Module (No Fitting of TV)
B2201	No Communication With Traffic MasterModule
B2202	No Communication to VICS Module (No Fitting of VICS)
B2203	CD-ROM Error
B2204	GPS Antenna Connection Open or Short
B2205	GPS Receiver Error
B2206	Gyroscope Error
B2207	ECU ROM Checksum Error
B2208	Communication Link to Display and Switch Module Error
B2209	Interior Lamp Override Switch Open Circuit
B2210	Interior Lamp Override Switch Short to Ground

B2211	Low Coolant Lamp Output Circuit Short to Battery
B2214	Window Passenger Front Up Switch Short to Battery
B2215	Window Passenger Front Down Switch Short to Battery
B2219	Window Driver Front Current Feedback Exceeded
B2220	Window Driver Rear Current Feedback Exceeded
B2221	Window Passenger Front Current Feedback Exceeded
B2222	Window Passenger Rear Current Feedback Exceeded
B2223	Mirror Driver Drive Circuit Failure
B2224	Mirror Passenger Drive Circuit Failure
B2225	Front Crash Sensor Mount Fault
B2226	Front Crash Sensor Internal Fault
B2227	Front Crash Sensor Driver Communications Fault
B2228	Air Bag Driver Circuit Short to Ground - Loop #2
B2229	Air Bag Passenger Circuit Short to Ground - Loop #2
B2230	Air Bag Driver Circuit Short to Battery - Loop #2
B2231	Air Bag Passenger Circuit Short to Battery - Loop #2
B2232	Air Bag Driver Circuit Open - Loop #2
B2233	Air Bag passenger Circuit Open - Loop #2
B2234	Air Bag Driver Inflator Circuit Resistance Low on Squib - Loop #2
B2235	Air Bag Passenger Inflator Circuit
B2236	Weak or Defected Electric Vehicle Battery Module Fault
B2237	Vehicle Signal indicating Park While VSS Present
B2238	Power Cable For Power Sliding Door Broken
B2239	Rear Cargo Door Set Switch Stuck (Short to Ground)
B2240	Rear Cargo Door Reset Switch Stuck (Short to Ground)
B2241	Rear Cargo Door Lock Circuit Short to Ground

B2242	Rear Cargo Door Unlock Circuit Open
B2243	Driver Rear Door Ajar Circuit Open
B2244	Driver Sliding Door Ajar Circuit Short to GND
B2245	Passenger Rear Door Ajar Circuit Open
B2246	Passenger Sliding Door Ajar Circuit Short to GND
B2247	EV Battery Pack Temperature Fault
B2248	Heated Windshield Relay Coil Circuit Failure
B2249	Head Lamp Relay Coil Short to Battery
B2250	All Doors Unlock Relay Circuit Failure
B2251	Parklamp Output Relay Driver Circuit Failure
B2252	Parklamp Output Relay Driver Short to Battery
B2300	Seat Driver Memory Position Error
B2301	Seat Passenger Memory Position Error
B2302	Seat Headrest Feedback Potentiometer Circuit Failure
B2303	Seat Headrest Feedback Potentiometer Circuit Open
B2304	Seat Headrest Feedback Potentiometer Circuit Short to Battery
B2305	Seat Headrest Feedback Potentiometer Circuit Short to Ground
B2306	Seat Headrest Motor Stalled
B2310	Mirror Driver Memory Position Error
B2311	Mirror Passenger Memory Position Error
B2312	Mirror Passenger Horizontal Feedback Potentiometer Circuit Failure
B2313	Mirror Passenger Horizontal Feedback Potentiometer Circuit Open
B2314	Mirror Passenger Horizontal Feedback Potentiometer Circuit Short to Battery
B2315	Mirror Passenger Horizontal Feedback Potentiometer Circuit Short to Ground
B2316	Mirror Passenger Vertical Feedback Potentiometer Circuit Failure
B2317	Mirror Passenger Vertical Feedback Potentiometer Circuit Open



B2318	Mirror Passenger Vertical Feedback Potentiometer Circuit Short to Battery
B2319	Mirror Passenger Vertical Feedback Potentiometer Circuit Short to Ground
B2320	Mirror Driver Horizontal Feedback Potentiometer Circuit Failure
B2321	Mirror Driver Horizontal Feedback Potentiometer Circuit Open
B2322	Mirror Driver Horizontal Feedback Potentiometer Circuit Short to Battery
B2323	Mirror Driver Horizontal Feedback Potentiometer Circuit Short to Ground
B2324	Mirror Driver Vertical Feedback Potentiometer Circuit Failure
B2325	Mirror Driver Vertical Feedback Potentiometer Circuit Open
B2326	Mirror Driver Vertical Feedback Potentiometer Circuit Short to Battery
B2327	Mirror Driver Vertical Feedback Potentiometer Circuit Short to Ground
B2328	Column Reach Feedback Potentiometer Circuit Failure
B2329	Column Reach Feedback Potentiometer Circuit Open
B2330	Column Reach Feedback Potentiometer Circuit Short to Battery
B2331	Column Reach Feedback Potentiometer Circuit Short to Ground
B2332	Column Tilt Feedback Potentiometer Circuit Failure
B2333	Column Tilt Feedback Potentiometer Circuit Open
B2334	Column Tilt Feedback Potentiometer Circuit Short to Battery
B2335	Column Tilt Feedback Potentiometer Circuit Short to Ground
B2336	Mirror Switch Assembly Circuit Failure
B2337	Mirror Switch Assembly Circuit Open
B2338	Mirror Switch Assembly Circuit Short to Battery
B2339	Mirror Switch Assembly Circuit Short to Ground
B2340	Column Reach Motor Stalled
B2341	Column Tilt Motor Stalled
B2342	Seat Switch Reference Voltage Positive Common Open Circuit
B2343	Seat Switch Reference Voltage Positive Common Supply Low Voltage

B2344	Seat Switch Reference Voltage Positive Common Supply Voltage Fault
B2345	Seat Switch Reference Voltage Negative Common Open Circuit
B2346	Mirror Switch Reference Voltage Positive Common Open Circuit
B2347	Mirror Switch Reference Voltage Positive Common Supply Low Voltage
B2348	Mirror Switch Reference Voltage Positive Common Supply Voltage Fault
B2349	Mirror Switch Reference Voltage Negative Common Open Circuit
B2350	Steering Column Switch Circuit Short to Battery
B2351	Steering Column Switch Circuit Failure
B2352	Driver Memory Power Switch Indicator Circuit Short to Battery
B2353	Driver Mirror Power Driver Circuit Short Ground
B2354	Driver Mirror Horizontal / Vertical Feedback Potentiometer Circuit Open
B2355	Passenger Mirror Horizontal / Vertical Feedback Potentiometer Circuit Open
B2357	Driver Window Down Current Sense Low Circuit Failure
B2362	Remote Open/Close signal Circuit Short to Ground
B2363	Optical Sensor System Failure
B2364	Fuel Filler Door Circuit Open
B2365	B-pillar Power Sliding Door Open/Close Switch Input Ckt Short to Gnd
B2366	IP Power Sliding Door Open/Close switch Ckt Short to Gnd
B2367	Power Sliding Door Override Switch Input Ckt Short to Gnd
B2368	Steering Column Switch Circuit Out of Range
B2369	Chime OUTPUT Request Ckt Short to Ground
B2373	LED #1 Circuit Short to Battery
B2374	Power Sliding Detent (Latch) Circuit Failure
B2380	Heater Coolant Temp sensor circuit Short to GND
B2381	Heater Coolant Temp sensor circuit Open
B2384	Audio Reverse Aid Mute Input Ckt Failure

B2385	Audio Navigation Mute Input Ckt Failure
B2401	Audio Tape Deck Mechanism Fault
B2402	Audio CD/DJ Thermal Shutdown Fault
B2403	Audio CD/DJ Internal Fault
B2404	Audio Steering Wheel Switch Circuit Fault
B2405	Audio Single-Disc CD Player Thermal Shutdown Fault
B2406	Audio Single-Disc CD Player Internal Fault
B2416	Climate Control Recirculation Actuator Out of Limits
B2425	Remote Keyless Entry Out of Synchronization
B2426	Passenger Solar Radiation Sensor Circuit Open
B2427	Passenger Solar Radiation Sensor Circuit Short to Ground
B2428	A/C Post Heater Sensor #2 Circuit Failure
B2429	A/C Post Heater Sensor #2 Circuit Short to Ground
B2431	Transponder Programming Failed
B2432	Drivers Seat Belt Buckle Switch Circuit Open
B2433	Drivers Seat Belt Buckle Switch Circuit Short to Battery
B2434	Drivers Seat Belt Buckle Switch Circuit Short to Ground
B2435	Drivers Seat Belt Buckle Switch Resistance out of Range
B2436	Passengers Seat Belt Buckle Switch Circuit Open
B2437	Passengers Seat Belt Buckle Switch Circuit Short to Battery
B2438	Passengers Seat Belt Buckle Switch Circuit Short to Ground
B2439	Passengers Seat Belt Buckle Switch Resistance out of Range
B2440	Passenger Sid, Side crash sensor mount fault
B2441	Driver Sid, Side crash sensor mount fault
B2442	Intrusion Sensor Fault
B2443	Powertrain Performance Mode Switch Circuit failure

B2444	Driver Side Crash Sensor Internal Fault
B2445	Passenger Side Crash Sensor Internal Fault
B2446	RESCU/VEMS Input Circuit Open
B2447	RESCU/VEMS Input Circuit Short to Battery
B2448	RESCU/VEMS Input Circuit Short to Ground
B2449	Aux Heater Glow Plug Circuit Short to Ground
B2450	Aux Heater Glow Plug Circuit Open
B2451	Aux Heater Fuel Pump Circuit Short to Ground
B2452	Aux Heater Fuel Pump Circuit Open
B2453	Aux Heater Blower Fan Circuit Short to Ground
B2454	Aux Heater Blower Fan Circuit Open
B2455	Aux Heater Blower Faulted
B2456	Aux Heater Coolant Sensor Circuit Short to Ground
B2457	Aux Heater Coolant Sensor Circuit Open
B2458	Aux Heater Overheat Sensor Circuit Short to Ground
B2459	Aux Heater Overheat Sensor Circuit Open
B2460	Aux Heater Flame Sensor Circuit Short to Ground
B2461	Aux Heater Flame Sensor Circuit Open
B2462	Aux Heater Flame Out Fault
B2463	Aux Heater Overheat Fault
B2464	Aux Heater Start Time Exceeded
B2465	Aux Heater Start Counter Overrun/System Locked (same as below ?)
B2466	Aux Heater Overheat Counter Overrun/System Locked
B2467	Aux Heater Cool Down Time Exceeded (may be con to a453-5 )
B2468	Aux Heater Coolant Pump Circuit Short to Ground
B2469	Aux Heater Coolant Pump Circuit Open

B2470	Interior Fan Control Circuit Short to Ground
B2471	Interior Fan Control Circuit Open
B2472	Fog Lamp Switch Failure
B2473	Passenger Door Disarm Switch ckt Short to Ground
B2474	Passenger Door Lock Switch Circuit Shorted to Ground
B2475	Passenger Door Unlock Switch Circuit Shorted to Ground
B2476	RADIO PRESENT SWITCH Ckt Failure
B2477	Module Configuration Failure
B2478	ANTI THEFT INPUT SIGNAL SHORT TO GROUND
B2479	BRAKE PARK SWITCH CIRCUIT SHORT TO GROUND
B2480	LF CORNER LAMP OUTPUT Ckt Short to Battery
B2481	Convertible Top Up/Down switch Fault
B2482	RF CORNER LAMP OUTPUT Ckt Short to Battery
B2483	Enable Signal Open Circuit
B2484	Disable Signal Short to Ground
B2485	LF SIDE REPEATER LAMP OUTPUT Ckt Short to Battery
B2487	RF SIDE REPEATER LAMP OUTPUT Ckt Short to Battery
B2489	UNDERHOOD LAMP OUTPUT CIRCUIT Failure
B2490	UNDERHOOD LAMP OUTPUT CIRCUIT Short to Battery
B2491	RF PARK LAMP OUTPUT CIRCUIT Short to Battery
B2492	Already Programmed (Test Mode DTC Only !!!)
B2493	LF PARK LAMP OUTPUT CIRCUIT Short to Battery
B2494	ANTI THEFT HORN OUTPUT CIRCUIT Short to Batt
B2495	ANTI THEFT HORN OUTPUT CIRCUIT Failure
B2496	ANTI THEFT HORN OUTPUT CIRCUIT Short to Gnd
B2499	COURTESY LAMP OUTPUT Failure

B2500	COURTESY LAMP OUTPUT Ckt Short to Battery
B2501	LF LAMP LOW BEAM CIRCUIT Failure
B2502	LF LAMP LOW BEAM CIRCUIT Short to Battery
B2503	RF LAMP LOW BEAM CIRCUIT Failure
B2504	RF LAMP LOW BEAM CIRCUIT Short to Battery
B2505	LF LAMP HIGH BEAM CIRCUIT Failure
B2506	LF LAMP HIGH BEAM CIRCUIT Short to Battery
B2507	RF LAMP HIGH BEAM CIRCUIT Failure
B2508	RF LAMP HIGH BEAM CIRCUIT Short to Battery
B2509	Rear Fog Lamp Switch Circuit Failure
B2510	Main Blower Motor Relay Circuit Short to Battery
B2511	Horn Output Relay Circuit Short to Battery
B2512	Front Fog Lamp Relay Ckt Short to Battery
B2513	Blower (Fan) Circuit Failure
B2514	Blower (Fan) Circuit Short to Vbatt
B2515	Heater Blower Relay Circuit Failure
B2516	Blower Control Circuit Failure
B2517	Emergency Power Off System Faulted
B2518	Compressor Overtemp Fault
B2519	High Mount Stop Lamp Circuit Failure
B2520	High Mount Stop Lamp Circuit Short to Battery
B2523	License Lamp Circuit Failure
B2524	License Lamp Circuit Short to Battery
B2525	Left Rear Backup Lamp Circuit Failure
B2526	Left Rear Backup Lamp Circuit Short to Battery
B2527	Left Rear Stop lamp Circuit Failure

B2528	Left Rear Stop lamp Circuit Short to Battery
B2529	Left Rear Turn Lamp Circuit Failure
B2530	Left Rear Turn Lamp Circuit Short to Battery
B2531	Right Rear Backup Lamp Circuit Failure
B2532	Right Rear Backup Lamp Circuit Short to Battery
B2533	Right Rear Stop lamp Circuit Failure
B2534	Right Rear Stop lamp Circuit Short to Battery
B2535	Right Rear Turn Lamp Circuit Failure
B2536	Right Rear Turn Lamp Circuit Short to Battery
B2539	Aux A/C Mode Position Reference Circuit Short to Ground
B2540	Aux A/C Mode Position Reference Circuit Short to Battery
B2543	Aux A/C Control Switch Reference Circuit Short to Ground
B2544	Aux A/C Control Switch Reference Circuit Short to Battery
B2545	System Power Relay Circuit Short to Battery
B2546	System Power Relay Circuit Failure
B2550	LAMP DOME OUTPUT Circuit Short to Ground
B2553	Disable Signal Output Circuit Short to Battery
B2554	LAMP DOME OUTPUT Circuit Failure
B2555	LAMP DOME OUTPUT Circuit Short to Battery
B2556	Enable Signal Circuit Short to Battery
B2557	Left Power Sliding Door Open/Close Output Circuit Short to Battery
B2558	Right Power Sliding Door Open/Close Output Circuit Short to Battery
B2559	Aux A/C Blower Motor Relay Circuit Short to Battery
B2560	Aux A/C Blower Motor Relay Circuit Short to Ground
B2561	Aux A/C Blower Speed 1 Circuit Failure
B2562	Aux A/C Blower Speed 1 Circuit Short to Ground

B2563	Aux A/C Blower Speed 2 Circuit Failure
B2564	Aux A/C Blower Speed 2 Circuit Short to Ground
B2565	Right Tail Lamp Circuit Failure
B2566	Right Tail Lamp Circuit Short to Ground
B2567	Reverse Mirror Output Circuit Failure
B2568	Reverse Mirror Output Circuit Short to Ground
B2569	Liftgate Disarm Switch Circuit Short to Ground
B2570	Right Lamp Outage Signal Circuit Short to Ground
B2571	Left Lamp Outage Signal Circuit Short to Ground
B2580	Aux Blower Sense Switch Circuit Failure
B2581	Passenger Seat Occupant Detection Circuit Short To Ground
B2582	Passenger Seat Occupant Detection Circuit Open
B2583	Child Seat Detection Circuit Short to Ground
B2584	Child Seat Detection Circuit Open
B2585	Anti Theft Input Signal Circuit Short To Battery
B2586	Headlamp Mode Select Circuit Failure
B2587	Passenger Seat Occupant Detection Circuit Short To Battery
B2588	Child Seat Detection Circuit Short To Battery
B2589	Unexpected Door Reversal During Close
B2590	Vehicle Park/Speed Signal Circuit Failure
B2591	Detent Signal Missing During Unlatch
B2592	PSD Not Fully Closed (Module Commanded Successfully)
B2593	Power Sliding Door Opened During Module Close Command
B2594	No Movement Detected After an Unlatch During Power Open
B2595	Anti Theft Input Signal Circuit Failure
B2596	Headlamp Aim Output Relay Circuit Short To Battery



B2597	Headlamp Aim Output Relay Circuit Failure
B2598	Headlamp Relay Circuit Failure
B2599	Tailgate Release Open Circuit
B2600	Double Locking Door Motor Frozen
B2601	No Latch Signal Sensed on Closing and Door Reversed
B2602	Missing Latch Signal During Power Sliding Door Unlatch
B2603	PSD Not Fully Closed During Self-Test
B2604	Power Sliding Door On/Off Switch Open Circuit
B2605	Disable Signal Open Circuit
B2606	A/C Temperature Sensor Out of Range
U1000	SCP (J1850) Invalid or Missing Data for Primary Id
U1001	SCP (J1850) Invalid or Missing Data for Primary Id
U1002	SCP (J1850) Invalid or Missing Data for Primary Id
U1003	SCP (J1850) Invalid or Missing Data for Primary Id
U1004	SCP (J1850) Invalid or Missing Data for EEC Programming
U1005	SCP (J1850) Invalid or Missing Data for EEC Programming
U1006	SCP (J1850) Invalid or Missing Data for Primary Id
U1007	SCP (J1850) Invalid or Missing Data for Primary Id
U1008	SCP (J1850) Invalid or Missing Data for Engine Torque
U1009	SCP (J1850) Invalid or Missing Data for Engine Torque
U1010	SCP (J1850) Invalid or Missing Data for Engine Air Intake
U1011	SCP (J1850) Invalid or Missing Data for Engine Air Intake
U1012	SCP (J1850) Invalid or Missing Data for Primary Id
U1013	SCP (J1850) Invalid or Missing Data for Primary Id
U1014	SCP (J1850) Invalid or Missing Data for Primary Id
U1015	SCP (J1850) Invalid or Missing Data for Primary Id

U1016	SCP (J1850) Invalid or Missing Data for Primary Id
U1017	SCP (J1850) Invalid or Missing Data for Primary Id
U1018	SCP (J1850) Invalid or Missing Data for Throttle
U1019	SCP (J1850) Invalid or Missing Data for Throttle
U1020	SCP (J1850) Invalid or Missing Data for Air Conditioning Clutch
U1021	SCP (J1850) Invalid or Missing Data for Air Conditioning Clutch
U1022	SCP (J1850) Invalid or Missing Data for Primary Id
U1023	SCP (J1850) Invalid or Missing Data for Primary Id
U1024	SCP (J1850) Invalid or Missing Data for Primary Id
U1025	SCP (J1850) Invalid or Missing Data for Primary Id
U1026	SCP (J1850) Invalid or Missing Data for Engine RPM
U1027	SCP (J1850) Invalid or Missing Data for Engine RPM
U1028	SCP (J1850) Invalid or Missing Data for Primary Id
U1029	SCP (J1850) Invalid or Missing Data for Primary Id
U1030	SCP (J1850) Invalid or Missing Data for Experimental #1
U1031	SCP (J1850) Invalid or Missing Data for Experimental #1
U1032	SCP (J1850) Invalid or Missing Data for Primary Id
U1033	SCP (J1850) Invalid or Missing Data for Primary Id
U1034	SCP (J1850) Invalid or Missing Data for Primary Id
U1035	SCP (J1850) Invalid or Missing Data for Primary Id
U1036	SCP (J1850) Invalid or Missing Data for Wheels
U1037	SCP (J1850) Invalid or Missing Data for Wheels
U1038	SCP (J1850) Invalid or Missing Data for Primary Id
U1039	SCP (J1850) Invalid or Missing Data for Primary Id / Vehicle Speed
U1040	SCP (J1850) Invalid or Missing Data for Vehicle Speed
U1041	SCP (J1850) Invalid or Missing Data for Vehicle Speed

U1042	SCP (J1850) Invalid or Missing Data for Traction Control
U1043	SCP (J1850) Invalid or Missing Data for Traction Control
U1044	SCP (J1850) Invalid or Missing Data for Traction Motor
U1045	SCP (J1850) Invalid or Missing Data for Traction Motor
U1046	SCP (J1850) Invalid or Missing Data for Primary Id
U1047	SCP (J1850) Invalid or Missing Data for Primary Id
U1048	SCP (J1850) Invalid or Missing Data for Primary Id
U1049	SCP (J1850) Invalid or Missing Data for Primary Id
U1050	SCP (J1850) Invalid or Missing Data for Brakes
U1051	SCP (J1850) Invalid or Missing Data for Brakes
U1052	SCP (J1850) Invalid or Missing Data for Steering / Steering Wheel
U1053	SCP (J1850) Invalid or Missing Data for Steering / Steering Wheel
U1054	SCP (J1850) Invalid or Missing Data for Primary Id
U1055	SCP (J1850) Invalid or Missing Data for Primary Id
U1056	SCP (J1850) Invalid or Missing Data for Vehicle Configuration
U1057	SCP (J1850) Invalid or Missing Data for Vehicle Configuration
U1058	SCP (J1850) Invalid or Missing Data for Transmission / Transaxle / PRNDL
U1059	SCP (J1850) Invalid or Missing Data for Transmission / Transaxle / PRNDL
U1060	SCP (J1850) Invalid or Missing Data for Primary Id
U1061	SCP (J1850) Invalid or Missing Data for Primary Id
U1062	SCP (J1850) Invalid or Missing Data for Primary Id
U1063	SCP (J1850) Invalid or Missing Data for Primary Id
U1064	SCP (J1850) Invalid or Missing Data for Primary Id
U1065	SCP (J1850) Invalid or Missing Data for Primary Id
U1066	SCP (J1850) Invalid or Missing Data for Primary Id
U1067	SCP (J1850) Invalid or Missing Data for Primary Id

U1068	SCP (J1850) Invalid or Missing Data for Primary Id
U1069	SCP (J1850) Invalid or Missing Data for Primary Id
U1070	SCP (J1850) Invalid or Missing Data for Engine Sensors
U1071	SCP (J1850) Invalid or Missing Data for Engine Sensors
U1072	SCP (J1850) Invalid or Missing Data for Engine Coolant
U1073	SCP (J1850) Invalid or Missing Data for Engine Coolant
U1074	SCP (J1850) Invalid or Missing Data for Engine Oil
U1075	SCP (J1850) Invalid or Missing Data for Engine Oil Temp
U1076	SCP (J1850) Invalid or Missing Data for Primary Id
U1077	SCP (J1850) Invalid or Missing Data for Primary Id
U1078	SCP (J1850) Invalid or Missing Data for Primary Id
U1079	SCP (J1850) Invalid or Missing Data for Primary Id
U1080	SCP (J1850) Invalid or Missing Data for Primary Id
U1081	SCP (J1850) Invalid or Missing Data for Primary Id
U1082	SCP (J1850) Invalid or Missing Data for Engine Systems Other
U1083	SCP (J1850) Invalid or Missing Data for Engine Systems Other
U1084	SCP (J1850) Invalid or Missing Data for Powertrain Status Request
U1085	SCP (J1850) Invalid or Missing Data for Powertrain Status Request
U1086	SCP (J1850) Invalid or Missing Data for Primary Id
U1087	SCP (J1850) Invalid or Missing Data for Primary Id
U1088	SCP (J1850) Invalid or Missing Data for Suspension
U1089	SCP (J1850) Invalid or Missing Data for Suspension
U1090	SCP (J1850) Invalid or Missing Data for Non-Legislated Diagnostics
U1091	SCP (J1850) Invalid or Missing Data for Non-Legislated Diagnostics
U1092	SCP (J1850) Invalid or Missing Data for Primary Id
U1093	SCP (J1850) Invalid or Missing Data for Primary Id

U1094	SCP (J1850) Invalid or Missing Data for Experimental #2
U1095	SCP (J1850) Invalid or Missing Data for Experimental #2
U1096	SCP (J1850) Invalid or Missing Data for Primary Id
U1097	SCP (J1850) Invalid or Missing Data for Primary Id
U1098	SCP (J1850) Invalid or Missing Data for Vehicle Speed Control
U1099	SCP (J1850) Invalid or Missing Data for Vehicle Speed Control
U1100	SCP (J1850) Invalid or Missing Data for Primary Id
U1101	SCP (J1850) Invalid or Missing Data for Primary Id
U1102	SCP (J1850) Invalid or Missing Data for Primary Id
U1103	SCP (J1850) Invalid or Missing Data for Primary Id
U1104	SCP (J1850) Invalid or Missing Data for Chassis Status Request
U1105	SCP (J1850) Invalid or Missing Data for Chassis Status Request
U1106	SCP (J1850) Invalid or Missing Data for Legislated Diagnostics
U1107	SCP (J1850) Invalid or Missing Data for Legislated Diagnostics
U1108	SCP (J1850) Invalid or Missing Data for Electric Traction Drive (Inverter)
U1109	SCP (J1850) Invalid or Missing Data for Electric Traction Drive (Inverter)
U1110	SCP (J1850) Invalid or Missing Data for Primary Id
U1111	SCP (J1850) Invalid or Missing Data for Primary Id
U1112	SCP (J1850) Invalid or Missing Data for Primary Id
U1113	SCP (J1850) Invalid or Missing Data for Primary Id
U1114	SCP (J1850) Invalid or Missing Data for Charging System
U1115	SCP (J1850) Invalid or Missing Data for Charging System
U1116	SCP (J1850) Invalid or Missing Data for Electrical Energy Management
U1117	SCP (J1850) Invalid or Missing Data for Electrical Energy Management
U1118	SCP (J1850) Invalid or Missing Data for Primary Id
U1119	SCP (J1850) Invalid or Missing Data for Primary Id

U1120	SCP (J1850) Invalid or Missing Data for Primary Id
U1121	SCP (J1850) Invalid or Missing Data for Primary Id
U1122	SCP (J1850) Invalid or Missing Data for Odometer
U1123	SCP (J1850) Invalid or Missing Data for Odometer
U1124	SCP (J1850) Invalid or Missing Data for Primary Id
U1125	SCP (J1850) Invalid or Missing Data for Primary Id
U1126	SCP (J1850) Invalid or Missing Data for Primary Id
U1127	SCP (J1850) Invalid or Missing Data for Primary Id
U1128	SCP (J1850) Invalid or Missing Data for Primary Id
U1129	SCP (J1850) Invalid or Missing Data for Primary Id
U1130	SCP (J1850) Invalid or Missing Data for Fuel System
U1131	SCP (J1850) Invalid or Missing Data for Fuel System
U1132	SCP (J1850) Invalid or Missing Data for Vehicle Motion
U1133	SCP (J1850) Invalid or Missing Data for Vehicle Motion
U1134	SCP (J1850) Invalid or Missing Data for Ignition Switch / Starter
U1135	SCP (J1850) Invalid or Missing Data for Ignition Switch / Starter
U1136	SCP (J1850) Invalid or Missing Data for Telltales
U1137	SCP (J1850) Invalid or Missing Data for Telltales
U1138	SCP (J1850) Invalid or Missing Data for Primary Id
U1139	SCP (J1850) Invalid or Missing Data for Primary Id
U1140	SCP (J1850) Invalid or Missing Data for Gateway
U1141	SCP (J1850) Invalid or Missing Data for Gateway
U1142	SCP (J1850) Invalid or Missing Data for Primary Id
U1143	SCP (J1850) Invalid or Missing Data for Primary Id
U1144	SCP (J1850) Invalid or Missing Data for Primary Id
U1145	SCP (J1850) Invalid or Missing Data for Primary Id

U1146	SCP (J1850) Invalid or Missing Data for Vehicle Security
U1147	SCP (J1850) Invalid or Missing Data for Vehicle Security
U1148	SCP (J1850) Invalid or Missing Data for Audio Control
U1149	SCP (J1850) Invalid or Missing Data for Audio Control
U1150	SCP (J1850) Invalid or Missing Data for Audible Warnings
U1151	SCP (J1850) Invalid or Missing Data for Audible Warnings
U1152	SCP (J1850) Invalid or Missing Data for Experimental #3
U1153	SCP (J1850) Invalid or Missing Data for Experimental #3
U1154	SCP (J1850) Invalid or Missing Data for Compact Disc
U1155	SCP (J1850) Invalid or Missing Data for Compact Disc
U1156	SCP (J1850) Invalid or Missing Data for Digital Signal Processing
U1157	SCP (J1850) Invalid or Missing Data for Digital Signal Processing
U1158	SCP (J1850) Invalid or Missing Data for Antenna
U1159	SCP (J1850) Invalid or Missing Data for Antenna
U1160	SCP (J1850) Invalid or Missing Data for Primary Id
U1161	SCP (J1850) Invalid or Missing Data for Primary Id
U1162	SCP (J1850) Invalid or Missing Data for Digital Audio Tape
U1163	SCP (J1850) Invalid or Missing Data for Digital Audio Tape
U1164	SCP (J1850) Invalid or Missing Data for Tuner / Receiver
U1165	SCP (J1850) Invalid or Missing Data for Tuner / Receiver
U1166	SCP (J1850) Invalid or Missing Data for Cassette Tape
U1167	SCP (J1850) Invalid or Missing Data for Cassette Tape
U1168	SCP (J1850) Invalid or Missing Data for Primary Id
U1169	SCP (J1850) Invalid or Missing Data for Primary Id
U1170	SCP (J1850) Invalid or Missing Data for Cellular Phone / Paging System
U1171	SCP (J1850) Invalid or Missing Data for Cellular Phone / Paging System

U1172	SCP (J1850) Invalid or Missing Data for Remote Button Control
U1173	SCP (J1850) Invalid or Missing Data for Remote Button Control
U1174	SCP (J1850) Invalid or Missing Data for Primary Id
U1175	SCP (J1850) Invalid or Missing Data for Primary Id
U1176	SCP (J1850) Invalid or Missing Data for Primary Id
U1177	SCP (J1850) Invalid or Missing Data for Primary Id
U1178	SCP (J1850) Invalid or Missing Data for Climate Control (HVAC)
U1179	SCP (J1850) Invalid or Missing Data for Climate Control (HVAC)
U1180	SCP (J1850) Invalid or Missing Data for Personalization (Memory) Features
U1181	SCP (J1850) Invalid or Missing Data for Personalization (Memory) Features
U1182	SCP (J1850) Invalid or Missing Data for Primary Id
U1183	SCP (J1850) Invalid or Missing Data for Primary Id
U1184	SCP (J1850) Invalid or Missing Data for Window Wiper / Washer
U1185	SCP (J1850) Invalid or Missing Data for Window Wiper / Washer
U1186	SCP (J1850) Invalid or Missing Data for Primary Id
U1187	SCP (J1850) Invalid or Missing Data for Primary Id
U1188	SCP (J1850) Invalid or Missing Data for Primary Id
U1189	SCP (J1850) Invalid or Missing Data for Primary Id
U1190	SCP (J1850) Invalid or Missing Data for Primary Id
U1191	SCP (J1850) Invalid or Missing Data for Primary Id
U1192	SCP (J1850) Invalid or Missing Data for Primary Id
U1193	SCP (J1850) Invalid or Missing Data for Primary Id
U1194	SCP (J1850) Invalid or Missing Data for Mirrors
U1195	SCP (J1850) Invalid or Missing Data for Mirrors
U1196	SCP (J1850) Invalid or Missing Data for Door Locks
U1197	SCP (J1850) Invalid or Missing Data for Door Locks



U1198	SCP (J1850) Invalid or Missing Data for External Access (Doors)
U1199	SCP (J1850) Invalid or Missing Data for External Access (Doors)
U1200	SCP (J1850) Invalid or Missing Data for Seat Motion / Control
U1201	SCP (J1850) Invalid or Missing Data for Seat Motion / Control
U1202	SCP (J1850) Invalid or Missing Data for Windows
U1203	SCP (J1850) Invalid or Missing Data for Windows
U1204	SCP (J1850) Invalid or Missing Data for Steering Column
U1205	SCP (J1850) Invalid or Missing Data for Steering Column
U1206	SCP (J1850) Invalid or Missing Data for Primary Id
U1207	SCP (J1850) Invalid or Missing Data for Primary Id
U1208	SCP (J1850) Invalid or Missing Data for Seat Switches
U1209	SCP (J1850) Invalid or Missing Data for Seat Switches
U1210	SCP (J1850) Invalid or Missing Data for Restraints
U1211	SCP (J1850) Invalid or Missing Data for Restraints
U1212	SCP (J1850) Invalid or Missing Data for Primary Id
U1213	SCP (J1850) Invalid or Missing Data for Primary Id
U1214	SCP (J1850) Invalid or Missing Data for Primary Id
U1215	SCP (J1850) Invalid or Missing Data for Primary Id
U1216	SCP (J1850) Invalid or Missing Data for External Lamp Outage
U1217	SCP (J1850) Invalid or Missing Data for External Lamp Outage
U1218	SCP (J1850) Invalid or Missing Data for External Lamps
U1219	SCP (J1850) Invalid or Missing Data for External Lamps
U1220	SCP (J1850) Invalid or Missing Data for Interior Lamp Outage
U1221	SCP (J1850) Invalid or Missing Data for Interior Lamp Outage
U1222	SCP (J1850) Invalid or Missing Data for Interior Lamps
U1223	SCP (J1850) Invalid or Missing Data for Interior Lamps

U1224	SCP (J1850) Invalid or Missing Data for Primary Id
U1225	SCP (J1850) Invalid or Missing Data for Primary Id
U1226	SCP (J1850) Invalid or Missing Data for Body Status Request
U1227	SCP (J1850) Invalid or Missing Data for Body Status Request
U1228	SCP (J1850) Invalid or Missing Data for Tires
U1229	SCP (J1850) Invalid or Missing Data for Tires
U1230	SCP (J1850) Invalid or Missing Data for Electric Defrost
U1231	SCP (J1850) Invalid or Missing Data for Electric Defrost
U1232	SCP (J1850) Invalid or Missing Data for Navigation
U1233	SCP (J1850) Invalid or Missing Data for Navigation
U1234	SCP (J1850) Invalid or Missing Data for Displays
U1235	SCP (J1850) Invalid or Missing Data for Displays
U1236	SCP (J1850) Invalid or Missing Data for Memory Storage
U1237	SCP (J1850) Invalid or Missing Data for Memory Storage
U1238	SCP (J1850) Invalid or Missing Data for Experimental #4
U1239	SCP (J1850) Invalid or Missing Data for Experimental #4
U1240	SCP (J1850) Invalid or Missing Data for Primary Id
U1241	SCP (J1850) Invalid or Missing Data for Primary Id
U1242	SCP (J1850) Invalid or Missing Data for Exterior Environment
U1243	SCP (J1850) Invalid or Missing Data for Exterior Environment
U1244	SCP (J1850) Invalid or Missing Data for Interior Environment
U1245	SCP (J1850) Invalid or Missing Data for Interior Environment
U1246	SCP (J1850) Invalid or Missing Data for Primary Id
U1247	SCP (J1850) Invalid or Missing Data for Primary Id
U1248	SCP (J1850) Invalid or Missing Data for Time / Date
U1249	SCP (J1850) Invalid or Missing Data for Time / Date

U1250	SCP (J1850) Invalid or Missing Data for Vehicle Id (VIN)
U1251	SCP (J1850) Invalid or Missing Data for Vehicle Id (VIN)
U1252	SCP (J1850) Invalid or Missing Data for Class A Functions
U1253	SCP (J1850) Invalid or Missing Data for Class A Functions
U1254	SCP (J1850) Invalid or Missing Data for Network Control
U1255	SCP (J1850) Invalid or Missing Data for Network Control
U1260	SCP (J1850) Single Ended (+) Circuit Failure
U1261	SCP (J1850) Single Ended (-) Circuit Failure
U1262	SCP (J1850) Communication Bus Fault
U1308	SCP (J1850) Invalid or Missing Data for Function Read Engine Torque
U1341	SCP (J1850) Invalid or Missing Data for Function Read Vehicle Speed
U1430	SCP (J1850) Invalid or Missing Data for Function Read Fuel System
U1451	SCP (J1850) Invalid or Missing Data for Function Read Audible Warnings / Anti-Theft Module, Vehicle Immobilized
U1612	SCP (J1850) Lack of Acknowledgment for Primary Id
U1736	SCP (J1850) Lack of Acknowledgment for Telltales
U1750	SCP (J1850) Lack of Acknowledgment for Audible Warnings
U1794	SCP (J1850) Lack of Acknowledgment for Mirrors
U1797	SCP (J1850) Lack of Acknowledgment for Door Locks
U1798	SCP (J1850) Lack of Acknowledgment for External Access (Doors)
U1806	SCP (J1850) Lack of Acknowledgment for Primary Id
U1900	CAN Communication Bus Fault
U1950	UPB Communication Bus Fault
U2000	Audio Rear Control Unit is Not Responding
U2001	Audio Tape Deck Unit is Not Responding
U2002	Audio Bezel is Not Responding

U2003	Audio Compact Disk / Disk Jockey Unit is Not Responding
U2004	Audio Steering Wheel Control Unit is Not Responding
U2005	Audio Rear Integrated Control Panel Unit is Not Responding
U2006	Audio Remote Climate Control Unit is Not Responding
U2007	Audio Navigation Unit is Not Responding
U2008	Audio Phone is Not Responding
U2009	Audio Front Control Module (ACM) is Not Responding
U2010	Module is Not Responding (Non SCP)
U2011	Module Transmitted Invalid Data (Non SCP)
U2012	Communication Bus Error (Non SCP)
U2013	Compass Module is not Responding
U2014	Audio Subwoofer Unit is Not Responding
U2015	Signal Link Fault (Non SCP)
U2016	Signal Link Short to Ground (Non SCP) / From NGV Module
U2017	Driver Side Crash Sensor Communication Fault (Non SCP)
U2018	Passenger Side Crash Sensor Communication Fault (Non SCP)
U2019	Audio Voice Module Not Responding
U2020	Audio Center Amp is not responding
U2021	Invalid /fault data received (Non SCP)
U2150	SCP (J1850) Invalid Data from REM
U2152	SCP (J1850) Invalid Data from GEM
U2160	SCP (J1850) Invalid Data from IC
U2195	SCP (J1850) Invalid Data from SCLM
U2500	(CAN) Lack of Acknowledgement From Engine Management

