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1. Safety Precautions and Warnings

To Prevent personal injury or damage to vehicles and/or the Scan Tool, read this instruction manual first and observe the following safety precautions at a minimum whenever working on a vehicle:

1. Always perform automotive testing in a safe environment.
2. Wear safety eye protection that meets ANSI standards.
3. Keep clothing, hair, hands, tools, test equipment, etc, away from all moving or hot engine parts.
4. Operate the vehicle in a well-ventilated work area; Exhaust gases are poisonous.
5. Put blocks on drive wheels and never leave vehicle unattended while running testes.
6. Use extreme caution when working around the ignition coil, distributor cap, ignition wires and spark plugs. These components create hazardous voltages when the engine is running.
7. Put transmission in PARK (for automatic transmission) or NEUTRAL (for manual transmission) and make sure the parking break is engaged.
8. Keep a fire extinguisher suitable for gasoline/ Chemical/ electrical fires nearby.
9. Don’t connect or disconnect any test equipment with ignition on or engine running.
10. Keep the Scan Tool dry, clean and free from oil, water and grease. Use a mild detergent on a clean cloth to clean the outside of the

Scan Tool, when necessary.

2. General Information

2.1 On-Board-Diagnostics (OBD) II

The first generation of On-Board Diagnostic (called OBD I), was developed by the California Air Resources Board (ARB) and implemented in 1988 to monitor some of the emission control components on vehicles. As technology evolved and the desire to improve the OBD I system increased, a new generation of On-Board Diagnostics system was developed. This second generation of On-Board Diagnostic regulations is called “OBD II”.

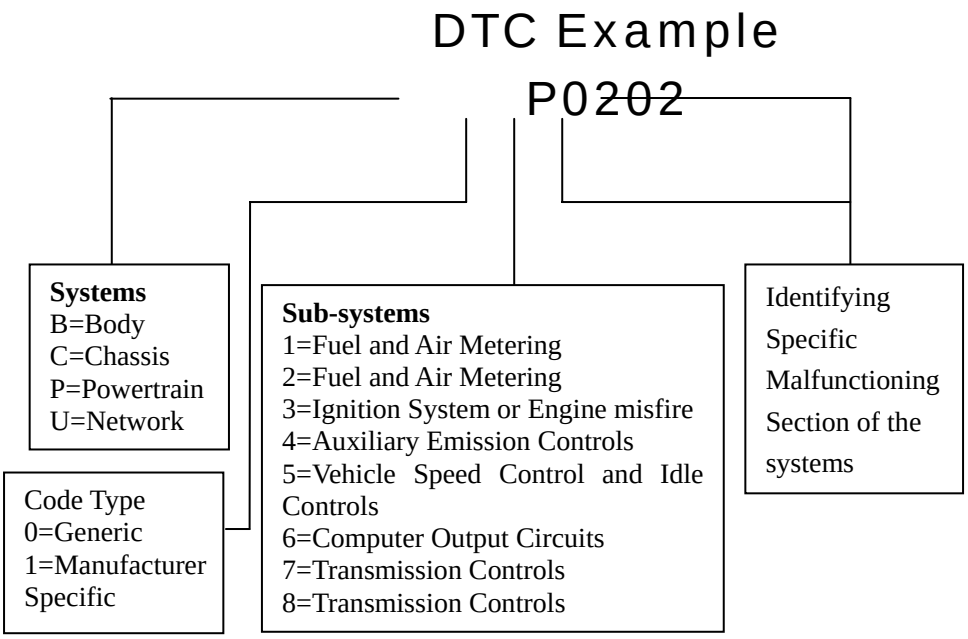
The OBD II system is designed to monitor emission control systems and key engine components by performing either continuous or periodic tests of specific components and vehicle conditions. When a problem is detected, the OBD II system turns on a warning lamp (MIL) on the vehicle instrument panel to alert the driver typically by the phrase of “Check Engine” or “Service” Engine Soon”. The system will also store important information about the detected malfunction so that a technician can accurately find and fix the problem. Here below follow three pieces of such valuable information:

- Whether the Malfunction Indicator Light (MIL) is commanded ‘on’ or ‘off’
- Which, if any, Diagnostic Trouble Codes (DTCs) are stored;
- Readiness Monitor status.

2.2 Diagnostic Trouble Codes (DTCs)

OBD II Diagnostic Trouble Codes are codes that are stored by the on-board computer diagnostic system in response to a problem found in the vehicle. These codes identify a particular problem area and are intended to provide you with a guide as to where a fault might be occurring within a vehicle. OBD II Diagnostic Trouble Codes consist of a five-digit alphanumeric code. The first character, a letter, identifies which control system sets the code. The other four characters, all numbers, provide additional information on where the DTC originated and the operating conditions that caused it to set. Here below is an example to

illustrate the structure of the digits:



2.3 Location of the Data Link Connector (DLC)

The DLC (Data Link Connector or Diagnostic Link Connector) is the standardized 16-cavity connector where diagnostic scan tools interface with the vehicle's on-board computer. The DLC is usually located 12 inches from the center of the instrument panel (dash), under or around

the driver's side for most vehicles. For some Asian and European vehicles, the DLC is located behind the ashtray and the ashtray must be removed to access the connector. Refer to the vehicle's service manual for the location if the DLC cannot be found..

2.4 OBD II Readiness Monitors

An important part of a vehicle's OBD II system is the Readiness monitors, which are indicators used to find out if all of the emissions components have been evaluated by the OBD II system.

They are running periodic tests on specific systems and components to ensure that they are performing within allowable limits.

Currently, there are eleven OBD II Readiness Monitors (or I/M Monitors) defined by the U.S. Environmental Protection Agency (EPA). Not all monitors are supported by all vehicles and the exact number of monitors in any vehicle depends on the motor vehicle manufacturer's emissions control strategy.

Continuous Monitors-Some of the vehicle components or systems are continuously tested by the vehicle's OBD II system, while others are tested only under specific vehicle operating conditions. The continuously monitored components listed below are always ready:

1. Misfire

2. Fuel System

3. Comprehensive Components (CCM)

Once the vehicle is running, the OBD II system is continuously checking the above components, monitoring key engine sensors, watching for engine misfire, and monitoring fuel demands.

Non-Continuous Monitors-Unlike the continuous monitors. Many emissions and engine system components require the vehicle to be operated under specific conditions before the monitor is ready. These

monitors are termed non-continuous monitors and are listed below:

1. EGR System

2. O2 Sensors

3. Catalyst

4. Evaporative System

5. O2 Sensor Heater

6. Secondary air

7. Heated Catalyst

8. A/C system

2.5 OBD II Monitor Readiness Status

OBD II systems must indicate whether or not the vehicle's PCM's monitor system has completed testing on each component. Components that have been tested will be reported as "Ready", or "Complete", meaning they have been tested by the OBDII, system The purpose of recording readiness status is to allow inspectors to determine if the vehicle's OBDII system has tested all the components and/or system

The powertrain control module (PCM) sets a monitor to "Ready" or "Complete " after an appropriate drive cycle has been performed. The drive cycle that enables a monitor and sets readiness codes to "ready" varies for each individual monitor. Once a monitor is set as "Ready" or "Complete", it will remain in this state. A number of factors, including erasing of diagnostic trouble codes (DTCs) with a scan tool or a disconnected battery, can result in Readiness Monitors being set to "not ready". Since the three continuous monitors are constantly evaluating, they will be reported as "Ready" all of the time. If testing of a particular supported non-continuous monitor has not been

completed, the monitor status will be reported as “Not Complete” or “Not Ready”

In order for the OBD monitor system to become ready, the vehicle should be driven under a variety of normal operating conditions. These operating conditions may include a mix of highway driving and stop and go, city type driving, and at least one overnight-off period. For specific information on getting your vehicle’s OBD monitor system ready, please consult your vehicle owner’s manual

2.6 OBD II Terminology

Powertrain Control Module (PCM)-OBDII terminology for the on-board computer that controls engine and drive train.

Malfunction Indicator Light (MIL)-Malfunction Indicator Light (Service Engine Soon, Check Engine) is a term used for the light on the instrument panel, It is to alert the driver and/or the repair technician that there is a problem with one or more of vehicle’s systems and may cause emissions to exceed federal standards. If the MIL illuminates with a steady light, it indicates that a problem has been detected and the vehicle should be serviced as soon as possible.

Under certain conditions, the dashboard light will blink or flash. This indicates a severe problem and flashing is intended to discourage vehicle operation. The vehicle onboard diagnostic system can not turn the MIL off until the necessary repairs are completed or the condition no longer exists.

DTC-Diagnostic Trouble Codes (DTC) that identify which section of the emission control system has malfunctioned.

Enabling criteria –Also termed Enabling Conditions. They are the

vehicle-specific events or conditions that must occur within the engine before the various monitors will set, or run, Some monitors require the vehicle to follow a prescribed “drive cycle” routine as part of the enabling criteria. Drive cycles vary among vehicles and for each monitor in any particular vehicle.

OBDII Drive Cycle-A specific mode of vehicle operation that provides conditions required to set all the readiness monitors applicable to the vehicle to the “Ready” condition. The purpose of completing an OBD II drive cycle is to force the vehicle to run its onboard diagnostics. Some form of a drive cycle needs to be performed after DTCs have been erased from the PCM’s memory or after the battery has been disconnected. Running through a vehicle’s complete drive cycle will “set” the readiness monitors so that future faults can be detected. Drive cycles vary depending on the vehicle and the monitor that needs to be reset. For vehicle specific drive cycle, consult the vehicle’s Owner’s Manual.

3. Product Information

3.1 Tool Description

1. **LCD DSPLAY-** Indicates test results. It is a backlit 2-line display with 8 characters on each line
2. **ENTER BUTTON-**Confirms a selection (or action) from a menu list, or returns to the main menu.
3. **SCROLL BUTTON-**Scrolls through menu items or cancel an operation
4. **OBD II CONNECTOR-**Connects the Code Scanner to the vehicle's Data Link Connector (DLC).
5.

3.2 Product Specifications

- **Display-**Backlit LCD, 2 lines, 8 characters each
- **Operating Temperature-** 0 to 50℃ (－32 to 122℉)
- **Storage Temperature-** －20 to 70℃ (－4 to 158℉)
- **Power-** DC12V provided via the vehicle's battery
- **Dimensions:**

Length	Width	Height
113mm (4.5″)	74mm (3.0″)	21mm (0.84″)

- **Weight-** 250g (8.9oz)

3.3 Product Features

- Works with all 1996 and newer cars & light trucks that are OBD II compliant (including the CAN, VPW, PWM, ISO and KWP 2000 protocols)
- Reads and clears generic and manufacturer specific Diagnostic Trouble Codes (DTCs) and turns off check engine light
- Support multiple trouble code requests: generic codes, pending codes and manufacturer's specific codes

- Reviews the emission readiness status of OBD monitors
- Retrieves VIN (Vehicle Identification No.) on 2002 and newer vehicles that support Mode 9
- Determines the malfunction indicator lamp (MIL) status
- Easy to use with one plug-in; Highly reliable and accurate
- Easy-to-read crystal-clear backlit 2-line LCD display
- Stand-alone unit with no need for an additional laptop computer to operate
- Small in size and conveniently fits in your palm
- Safely communicates with the on-board computer
- No batteries needed-powered via detachable OBD II cable

3.4 Vehicle Coverage

The AUTOSCAN OBD II Scan Tool is specially designed to work with all OBD II compliant vehicles, including those equipped with the next-generation protocol-Control Area Network (CAN). It is required by EPA that All 1996 and newer vehicles (cars and light trucks) sold in the United States must be OBD II compliant and this includes all Domestic, Asian and European vehicles.

A small number of 1994 and 1995 model year gasoline vehicles are OBD II compliant. To verify if a 1994 or 1995 vehicle is OBD II compliant, check the Vehicle Emissions Control Information (VECI) Label which is located under the hood or by the radiator of most vehicles. If the vehicle is OBD II compliant, the label will designate “OBD II Certified”. Additionally, Government regulations mandate that all OBD II compliant vehicles must have a “common” sixteen- pin Data Link Connector (DLC).

For your vehicle to be OBD II compliant, it must have a 16-pin DLC (Data Link Connector under the dash and the Vehicle) Emission Control

Information Label must state that the vehicle is OBD II compliant.

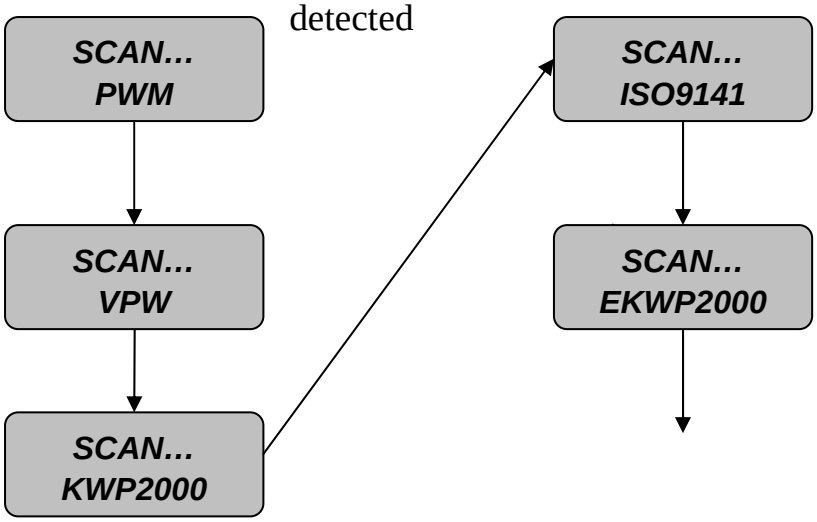
4. Operating Instructions

4.1 Reading Codes

CAUTION: Don't connect or disconnect any test equipment with ignition or engine running.

1. Turn the ignition off
2. Locate the 16-pin Data Link Connector (DTC), and plug into the Scan Tool cable connector to the DLC.
3. Wait for the LCD display to read "**AUTOSCAN U480**"

4. Turn the ignition on. But do not start the engine.
5. Press the ENTER button, A sequence of messages showing the OBD2 protocols well be observed on the display until the vehicle protocol is detected

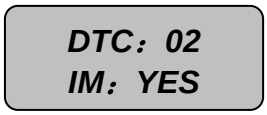


- Not all the above messages will be displayed unless protocol of the

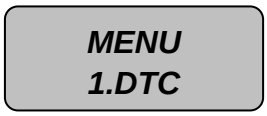
vehicle being tested is the last one-the CAN protocol .They will stop appearing after the vehicle protocol is detected and a confirmation message of "XXX Protocol" is displayed.

- *If an "LINK ERROR!" message shows up, turn the ignition off for about 10 seconds, check if the Scan Tool's OBD II connector is securely connected to the vehicle's DLC, and then turn the ignition back to on. Repeat the procedure from step 5. If the "LINK ERROR" message does not go away, then there may be problems for the Scan Tool communicate with the vehicle.*

6. Wait for the main menu to come up after a brief overview displaying the scanning results with the total number of DTCs and the overall I/M Monitor Status.



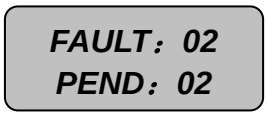
7. Select "**DTC**" from the main menu by pressing the **ENTER** button.



- If there are no Diagnostic Trouble Codes retrieved, the display will indicate "NO CODES"

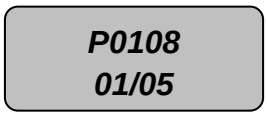
- If there are any Diagnostic Trouble Codes, then the total number of the

Fault Codes followed by that of the Pending Codes will be reported on the display.

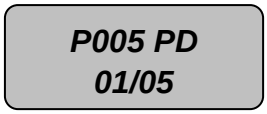


8. Read the Diagnostic Trouble Codes by pressing the **SCROLL** button.

- The first code number will appear on the first line of the LCD display, the numerical sequence of the code and the total number of the codes stored will appear on the second line. To view additional codes, press the **SCROLL** button to scroll, ad necessary, until all the codes have been shown up.



- If the code retrieved is a pending code, a “PD” will show on the LCD display in the end.



- To view code retrieved is a pending code, a “PD” will show on the LCD display in the end.

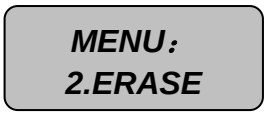
9. Look up part 5 for Diagnostic Trouble Code Definitions. Match the retrieved DTC(S) with those listed and read the definitions.

4.2 Erasing Codes:

CAUTION: Erasing the Diagnostic trouble Codes allows the Scan Tool to delete not only the codes from the vehicle's on-board computer, but also "Freeze Frame" data and manufacturer specific enhanced data. Further, the I/M Readiness Monitor Status for all vehicle Monitors is reset to Not Ready or Not Complete status. Do not erase the codes before the system has been checked completely by a

technician.

1. If you decide to erase the DTCs, Select "**2. ERASE**" from the main menu by pressing the ENTER button.



- If the Scan Tool is not connected or no communication is established with the vehicle yet, then refer to "Reading Codes" from 1 to 6. at Paragraph 4.1.

2. A message of "ERASE? YES NO" comes up asking for your confirmation.

3. If you do not want to proceed with erasing the codes, press the **SCROLL** button to exit

4. If you do wish to proceed to erase the codes, then press the **ENTER** button.

5. If the codes are cleared successfully, an "**ERASE DONE!**" message will show on the display, Press the **ENTER** button to Return to the main Menu list.

6. If the codes are not cleared, then an "ERASE FAIL" message will appear. Press the ENTER button to Return to the main Menu list.

HOT KEY: ***Pressing and holding the SCROLL button for about seconds will allow you to erase the DTCs more quickly than through the main menu.***

4.3 Retrieving I/M readiness Status:

IMPORTANT: I/M Readiness function is used to check the operations of the Emission System on OBD2 compliant vehicles. It is an excellent function to use prior to having a vehicle inspected for compliance to a state emissions program.

An I/M Readiness Status result of "NO" does not necessarily indicate that the vehicle being tested will fail the state I/M inspection. For some states, one or more such monitors may be allowed to be "Not Ready " to pass the emissions inspection.

- "**YES**"- All monitors supported on the vehicle have completed their diagnostic testing and MIL light is not on
- "**NO**"-At least one monitor supported on the vehicle has not completed its diagnostic testing , and (or) the "Check Engine" (MIL) light is on
- "**READY**"-indicates that a particular monitor being checked has completed its diagnostic testing
- "**NOT RDY(NOT READY)**"-indicates that a particular monitor being checked has not completed its diagnostic testing
- "**N/A**"-The monitor is not supported on that vehicle

- "→"-A flashing Right Arrow indicates additional information is available on the next screen
- "←"- A flashing Left Arrow indicates additional information is available on the previous screen

1. Select "3. I/M" from the main menu by pressing the **ENTER** button.

- If the Scan Tool is not connected yet, then refer to "Reading Codes " from 1 to 6. at Paragraph 4.1.

2. Use the SCROLL button to view the status of the MIL light ("ON" or "OFF") and the following monitors:

- **MISFIRE**-misfire monitor
- **FUEL**-Fuel System Monitor
- **CCM**-Comprehensive Components Monitor
- **EGR**-EGR System Monitor
- **O2S**-O2 Sensors Monitor
- **AT**-Catalyst Monitor
- **EVAP**-Evaporative System Monitor
- **HO2**-O2 Sensor Heater Monitor
- **2AIR**-Secondary Air Monitor
- **HCM**-Heated Catalyst Monitor

- **A/C**-A/C system Monitor

3. Press the **ENTER** button to return to the main Menu.

4.4 Viewing VIN Number

The view VIN function allows you to retrieve the Vehicle Identification No. on 2002 and newer vehicles that support Mode 9.

1. Select "**4. VIN**" from the main menu by pressing the **ENTER** button.

- If the Scan Tool is not connected yet, then refer to "Reading Codes" from 1 to 6. at Paragraph 4.1

2. Use the SCROLL button to view additional digits of the 17-digit string..

- "→"-A flashing Right Arrow indicates additional digits of VIN string are available on the next screen.
- "←"- A flashing Left Arrow indicates additional digits of VIN string are available on the previous screen.

4.5 Rescanning Data

The RESCAN function allows you to retrieve the most current data stored in the ECM or to re-link to the vehicle if communication is disconnected.

1. Select "**5. RESCAN**" from the main menu by pressing the **ENTER**

button.

- If the Scan Tool is not connected yet, then refer to “reading Codes” from 1 to 6. at Paragraph 4.1

2. Use either the **SCROLL** or **ENTER** button to return to the main menu.

5. Diagnostic Trouble Code (DTC) Definitions

The following Diagnostic Trouble Code Definitions lists provide only Generic Diagnostic Trouble Codes. For Manufacturer Specific Diagnostic Trouble Code Definitions, Consult the vehicle’s service manual or the enclosed CD software.

CAUTION: Parts or components should not be replaced based on only a DTC without first consulting the vehicle service manual for more information on possible causes of the fault as well as required testing procedures.

OBDII Generic DTC Definitions

P0001	Generic	Fuel Volume Regulator Control Circuit Open
P0002	Generic	Fuel Volume Regulator Control Circuit Range/Performance
P0003	Generic	Fuel Volume Regulator Control Circuit Low
P0004	Generic	Fuel Volume Regulator Control Circuit High
P0005	Generic	Fuel Shutoff Valve. A Control Circuit Open
P0006	Generic	Fuel Shutoff Valve. A Control Circuit Low
P0007	Generic	Fuel Shutoff Valve. A Control Circuit High
P0008	Generic	Engine Position System Performance (Bank 1)

P0009	Generic	Engine Position System Performance (Bank 2)
P0010	Generic	Camshaft Position Actuator A-Bank 1 Circuit Malfunction
P0011	Generic	Camshaft Position Actuator A-Bank 1 Timing Over-Advanced
P0012	Generic	Camshaft Position Actuator A-Bank 1 Timing Over-Retarded
P0013	Generic	Camshaft Position Actuator B-Bank 1 Circuit Malfunction
P0014	Generic	Camshaft Position Actuator B-Bank 1 Timing Over-Advanced
P0015	Generic	Camshaft Position Actuator B-Bank 1 Timing Over-Retarded
P0016	Generic	Cam/Crankshaft Pos. Correlation Sensor A-Bank 1
P0017	Generic	Cam/Crankshaft Pos. Correlation Sensor B-Bank 1
P0018	Generic	Cam/Crankshaft Pos. Correlation Sensor A-Bank 2
P0019	Generic	Cam/Crankshaft Pos. Correlation Sensor B-Bank 2
P0020	Generic	Camshaft Position Actuator A-Bank 2 Circuit Malfunction
P0021	Generic	Camshaft Position Actuator A-Bank 2 Timing Over-Advanced
P0022	Generic	Camshaft Position Actuator A-Bank 2 Timing Over-retarded
P0023	Generic	Camshaft Position Actuator B-Bank 2 Circuit Malfunction
P0024	Generic	Camshaft Position Actuator B-Bank 2 Timing Over-Advanced
P0025	Generic	Camshaft Position Actuator B-Bank 2 Timing Over-Retarded
P0026	Generic	Intake Valve-Bank 1 Control Solenoid CKT Range/ Performance
P0027	Generic	Exhaust Valve-Bank 1 Control Solenoid CKT Range/ Performance
P0028	Generic	Intake Valve-Bank 2 Control Solenoid CKT Range/Performance
P0029	Generic	Exhaust Valve-Bank 2 Control Solenoid CKT Range/ Performance
P0030	Generic	HO2S Bank 1 sensor 1 Heater Circuit
P0031	Generic	HO2S Bank 1 sensor 1 Heater Circuit Low
P0032	Generic	HO2S Bank 1 sensor 1 Heater Circuit High
P0033	Generic	Turbo/Sup Wastegate control Circuit
P0034	Generic	Turbo/Sup Wastegate control Circuit Low
P0035	Generic	Turbo/Sup Wastegate control Circuit High

P0036	Generic	HO2S Bank 1 sensor 2 Heater Circuit
P0037	Generic	HO2S Bank 1 sensor 2 Heater Circuit Low
P0038	Generic	HO2S Bank 1 sensor 2 Heater Circuit High
P0039	Generic	Turbo/Super Charger Bypass Control CKT Performance
P0040	Generic	O2 Bank 1 Sensor 1 Signals Swapped w/ O2 Bank 2 Sensor 1
P0041	Generic	O2 Bank 1 Sensor 2 Signals Swapped w/ O2 Bank 2 Sensor 2
P0042	Generic	HO2S Bank 1 sensor 3 Heater Circuit
P0043	Generic	HO2S Bank 1 sensor 3 Heater Circuit Low
P0044	Generic	HO2S Bank 1 sensor 3 Heater Circuit High
P0045	Generic	Turbo/Super Charger Boost Control Solenoid A Circuit Open
P0046	Generic	Turbo/Super Charger Boost Control Solenoid A Circuit Range/Perform
P0047	Generic	Turbo/Super Charger Boost Control Solenoid A Circuit Low
P0048	Generic	Turbo/Super Charger Boost Control Solenoid A Circuit High
P0049	Generic	Turbo/Super Charger Boost Input/Turbine Speed Overspeed
P0050	Generic	HO2S Bank 2 sensor 1 Heater Circuit
P0051	Generic	HO2S Bank 2 sensor 1 Heater Circuit Low
P0052	Generic	HO2S Bank 2 sensor 1 Heater Circuit High
P0053	Generic	HO2S Bank 1 sensor 1 Heater Resistance
P0054	Generic	HO2S Bank 1 sensor 2 Heater Resistance
P0055	Generic	HO2S Bank 1 sensor 3 Heater Resistance
P0056	Generic	HO2S Bank 2 sensor 2 Heater Circuit
P0057	Generic	HO2S Bank 2 sensor 2 Heater Circuit Low
P0058	Generic	HO2S Bank 2 sensor 2 Heater Circuit High
P0059	Generic	HO2S Bank 2 Sensor 1 Heater Resistance
P0060	Generic	HO2S Bank 2 Sensor 2 Heater Resistance
P0061	Generic	HO2S Bank 2 Sensor 3 Heater Resistance
P0062	Generic	HO2S Bank 2 sensor 3 Heater Circuit

P0063	Generic	HO2S Bank 2 sensor 3 Heater Circuit Low
P0064	Generic	HO2S Bank 2 sensor 3 Heater Circuit High
P0065	Generic	Air Assisted Injector. Control Range/Performance
P0066	Generic	Air Assisted Injector. Control Circuit Low
P0067	Generic	Air Assisted Injector. Control Circuit High
P0068	Generic	MAF/MAP Sensor Throttle Position Correlation
P0069	Generic	MAP/BARO Correlation
P0070	Generic	Ambient Air Temp. Sensor Circuit
P0071	Generic	Ambient Air Temp. Sensor Range/Performance
P0072	Generic	Ambient Air Temp. Sensor Circuit Low
P0073	Generic	Ambient Air Temp. Sensor Circuit High
P0074	Generic	Ambient Air Temp. Sensor CKT Intermittent
P0075	Generic	Intake Valve-Bank 1 Control Circuit
P0076	Generic	Intake Valve-Bank 1 Control Circuit Low
P0077	Generic	Intake Valve-Bank 1 Control Circuit High
P0078	Generic	Exhaust Valve-Bank 1 control Circuit
P0079	Generic	Exhaust Valve-Bank 1 control Circuit Low
P0080	Generic	Exhaust Valve-Bank 1 control Circuit High
P0081	Generic	Intake Valve-Bank 2 Control Circuit
P0082	Generic	Intake Valve-Bank 2 Control Circuit Low
P0083	Generic	Intake Valve-Bank 2 Control Circuit High
P0084	Generic	Exhaust Valve-Bank 2 Control Circuit
P0085	Generic	Exhaust Valve-Bank 2 Control Circuit Low
P0086	Generic	Exhaust Valve-Bank 2 Control Circuit High
P0087	Generic	Fuel Rail Pressure Too Low
P0088	Generic	Fuel Rail Pressure Too High
P0089	Generic	Fuel Pressure Regulator 1 Performance

P0090	Generic	Fuel Pressure Regulator 1 Control Circuit
P0091	Generic	Fuel Pressure Regulator 1 Control Circuit Low
P0092	Generic	Fuel Pressure Regulator 1 Control Circuit High
P0093	Generic	Fuel System Leak (Large)
P0094	Generic	Fuel System Leak (Small)
P0095	Generic	IAT Sensor 2 Circuit
P0096	Generic	IAT Sensor 2 CKT Range/Performance
P0097	Generic	IAT Sensor 2 Circuit Low
P0098	Generic	IAT Sensor 2 Circuit High
P0099	Generic	IAT Sensor 2 CKT Intermittent
P0100	Generic	MAF or VAF A Circuit Malfunction
P0101	Generic	MAF or VAF A Circuit Range/Performance
P0102	Generic	MAF or VAF A Circuit Low Input
P0103	Generic	MAF or VAF A Circuit High Input
P0104	Generic	MAF or VAF A Circuit Intermittent
P0105	Generic	MAP/BARO Circuit Malfunction
P0106	Generic	MAP/BARO CKT Range/Performance
P0107	Generic	MAP/BARO Circuit Low Input
P0108	Generic	MAP/BARO Circuit High Input
P0109	Generic	MAP/BARO CKT Intermittent
P0110	Generic	IAT Sensor Circuit Malfunction
P0111	Generic	IAT Sensor 1 CKT Range/Performance
P0112	Generic	IAT Sensor 1 Circuit Low Input
P0113	Generic	IAT Sensor 1 Circuit High Input
P0114	Generic	IAT Sensor 1 CKT Intermittent
P0115	Generic	Engine Coolant Temp Circuit Malfunction
P0116	Generic	Engine Coolant Temp CKT Range/Performance

P0117	Generic	Engine Coolant Temp Circuit Low Input
P0118	Generic	Engine Coolant Temp Circuit High Input
P0119	Generic	Engine Coolant Temp CKT Intermittent
P0120	Generic	TPS/Pedal Position Sensor A Circuit Malfunction
P0121	Generic	TPS/Pedal Position Sensor A CKT Range/Performance
P0122	Generic	TPS/Pedal Position Sensor A Circuit Low Input
P0123	Generic	TPS/Pedal Position Sensor A Circuit High Input
P0124	Generic	TPS/Pedal Position Sensor A CKT Intermittent
P0125	Generic	Closed Loop Fuel Ctrl Insufficient Coolant Temp
P0126	Generic	Coolant Temp Insufficient Stable Operation
P0127	Generic	IAT Sensor Too High
P0128	Generic	Coolant Temp Below Thermostat Regulating Temp
P0129	Generic	Barometric Pressure Too Low
P0130	Generic	O2 Sensor Circuit Malfunction (Bank 1 Sensor 1)
P0131	Generic	O2 Sensor Circuit Low Volts (Bank 1 Sensor 1)
P0132	Generic	O2 Sensor Circuit High Volts (Bank 1 Sensor 1)
P0133	Generic	O2 Sensor CKT Slow Response (Bank 1 Sensor 1)
P0134	Generic	O2 Sensor CKT No Activity (Bank 1 Sensor 1)
P0135	Generic	O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)
P0136	Generic	O2 Sensor Circuit Malfunction (Bank 1 Sensor 2)
P0137	Generic	O2 Sensor Circuit Low Volts (Bank 1 Sensor 2)
P0138	Generic	O2 Sensor Circuit High Volts (Bank 1 Sensor 2)
P0139	Generic	O2 Sensor CKT Slow response (Bank 1 Sensor 2)
P0140	Generic	O2 Sensor CKT No Activity (Bank 1 Sensor 2)
P0141	Generic	O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 2)
P0142	Generic	O2 Sensor Circuit Malfunction (Bank 1 Sensor 3)
P0143	Generic	O2 Sensor Circuit Low Volts (Bank 1 Sensor 3)

P0144	Generic	O2 Sensor Circuit High Volts (Bank 1 Sensor 3)
P0145	Generic	O2 Sensor CKT Slow Response (Bank 1 Sensor 3)
P0146	Generic	O2 Sensor CKT No Activity (Bank 1 Sensor 3)
P0147	Generic	O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 3)
P0148	Generic	Fuel Delivery Malfunction
P0149	Generic	Fuel Timing Malfunction
P0150	Generic	O2 Sensor Circuit Malfunction (Bank 2 Sensor 1)
P0151	Generic	O2 Sensor Circuit Low Volts (Bank 2 Sensor 1)
P0152	Generic	O2 Sensor Circuit High Volts (Bank 2 Sensor 1)
P0153	Generic	O2 Sensor CKT Slow Response (Bank 2 Sensor 1)
P0154	Generic	O2 Sensor CKT No Activity (Bank 2 Sensor 1)
P0155	Generic	O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 1)
P0156	Generic	O2 Sensor Circuit Malfunction (Bank 2 Sensor 2)
P0157	Generic	O2 Sensor Circuit Low Volts (Bank 2 Sensor 2)
P0158	Generic	O2 Sensor Circuit High Volts (Bank 2 Sensor 2)
P0159	Generic	O2 Sensor CKT Slow Response (Bank 2 Sensor 2)
P0160	Generic	O2 Sensor CKT No Activity (Bank 2 Sensor 2)
P0161	Generic	O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 2)
P0162	Generic	O2 Sensor Circuit Malfunction (Bank 2 Sensor 3)
P0163	Generic	O2 Sensor Circuit Low Volts (Bank 2 Sensor 3)
P0164	Generic	O2 Sensor Circuit High Volts (Bank 2 Sensor 3)
P0165	Generic	O2 Sensor CKT Slow Response (Bank 2 Sensor 3)
P0166	Generic	O2 Sensor CKT No Activity (Bank 2 Sensor 3)
P0167	Generic	O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 3)
P0168	Generic	Engine Fuel Temperature Too High
P0169	Generic	Fuel Composition Incorrect
P0170	Generic	Fuel Trim malfunction (Bank1)

P0171	Generic	System Too Lean (Bank 1)
P0172	Generic	System Too Rich (Bank 1)
P0173	Generic	Fuel Trim Malfunction (Bank 2)
P0174	Generic	System Too Lean (Bank 2)
P0175	Generic	System Too Rich (Bank 2)
P0176	Generic	Fuel Compensation Sensor Circuit Malfunction
P0177	Generic	Fuel Compensation Sensor CKT Range/Performance
P0178	Generic	Fuel Compensation Sensor Circuit Low Input
P0179	Generic	Fuel Compensation Sensor Circuit High Input
P0180	Generic	Fuel Temperature Sensor A Circuit Malfunction
P0181	Generic	Fuel Temperature Sensor A CKT Range/Performance
P0182	Generic	Fuel Temperature Sensor A Circuit Low Input
P0183	Generic	Fuel Temperature Sensor A Circuit High Input
P0184	Generic	Fuel Temperature Sensor A CKT Intermittent
P0185	Generic	Fuel Temperature Sensor B Circuit Malfunction
P0186	Generic	Fuel Temperature Sensor B CKT Range/Performance
P0187	Generic	Fuel Temperature Sensor B Circuit Low Input
P0188	Generic	Fuel Temperature Sensor B Circuit High Input
P0189	Generic	Fuel Temperature Sensor B CKT Intermittent
P0190	Generic	Fuel Rail Pressure Sensor Circuit Malfunction
P0191	Generic	Fuel Rail Pressure Sensor CKT Range/Performance
P0192	Generic	Fuel Rail Pressure Sensor Circuit Low Input
P0193	Generic	Fuel Rail Pressure Sensor Circuit High Input
P0194	Generic	Fuel Rail Pressure Sensor CKT Intermittent
P0195	Generic	Engine Oil Temp Sensor Circuit Malfunction
P0196	Generic	Engine Oil Temp Sensor CKT Range/Performance
P0197	Generic	Engine Oil Temp Sensor Circuit Low Input

P0198	Generic	Engine Oil Temp Sensor Circuit High Input
P0199	Generic	Engine Oil Temp Sensor CKT Intermittent
P0200	Generic	Injector Circuit Open
P0201	Generic	Injector Circuit Open Cylinder 1
P0202	Generic	Injector Circuit Open Cylinder 2
P0203	Generic	Injector Circuit Open Cylinder 3
P0204	Generic	Injector Circuit Open Cylinder 4
P0205	Generic	Injector Circuit Open Cylinder 5
P0206	Generic	Injector Circuit Open Cylinder 6
P0207	Generic	Injector Circuit Open Cylinder 7
P0208	Generic	Injector Circuit Open Cylinder 8
P0209	Generic	Injector Circuit Open Cylinder 9
P0210	Generic	Injector Circuit Open Cylinder 10
P0211	Generic	Injector Circuit Open Cylinder 11
P0212	Generic	Injector Circuit Open Cylinder 12
P0213	Generic	Cold Start Injection 1 Malfunction
P0214	Generic	Cold Start Injection 2 Malfunction
P0215	Generic	Engine Shutoff Solenoid Malfunction
P0216	Generic	Injection Timing Control Circuit Malfunction
P0217	Generic	Engine Overtemp Condition
P0218	Generic	Transmission Overtemp Condition
P0219	Generic	Engine Overspeed Condition
P0220	Generic	TPS/Pedal Position Sensor/Switch B Circuit Malfunction
P0221	Generic	TPS/Pedal Position Sensor/Switch B CKT Range/Performance
P0222	Generic	TPS/Pedal Position Sensor/Switch B Circuit Low Input
P0223	Generic	TPS/Pedal Position Sensor/Switch B Circuit High Input
P0224	Generic	TPS/Pedal Position Sensor/Switch B CKT Intermittent

P0225	Generic	TPS/Pedal Position Sensor/Switch C Circuit Malfunction
P0226	Generic	TPS/Pedal Position Sensor/Switch C CKT Range/Performance
P0227	Generic	TPS/Pedal Position Sensor/Switch C Circuit Low Input
P0228	Generic	TPS/Pedal Position Sensor/Switch C Circuit High Input
P0229	Generic	TPS/Pedal Position Sensor/Switch C CKT Intermittent
P0230	Generic	Fuel Pump Primary Circuit Malfunction
P0231	Generic	Fuel Pump Secondary Circuit Low
P0232	Generic	Fuel Pump Secondary Circuit High
P0233	Generic	Fuel Pump Secondary Circuit Intermittent Ckt
P0234	Generic	Engine Overboost Condition
P0235	Generic	Turbo/Super Boost Sensor A Circuit Malfunction
P0236	Generic	Turbo/Super Boost Sensor A CKT Range/Performance
P0237	Generic	Turbo/Super Boost Sensor A Circuit Low Input
P0238	Generic	Turbo/Super Boost Sensor A Circuit High Input
P0239	Generic	Turbo/Super Boost Sensor B Circuit Malfunction
P0240	Generic	Turbo/Super Boost Sensor B CKT Range/Performance
P0241	Generic	Turbo/Super Boost Sensor B Circuit Low Input
P0242	Generic	Turbo/Super Boost Sensor B Circuit High Input
P0243	Generic	Turbo/Sup Wastegate Solenoid A Malfunction
P0244	Generic	Turbo/Sup Wastegate Solenoid A Range/Performance
P0245	Generic	Turbo/Sup Wastegate Solenoid A Low
P0246	Generic	Turbo/Sup Wastegate Solenoid A High
P0247	Generic	Turbo/Sup Wastegate Solenoid B Malfunction
P0248	Generic	Turbo/Sup Wastegate Solenoid B Range/Performance
P0249	Generic	Turbo/Sup Wastegate Solenoid B Low
P0250	Generic	Turbo/Sup Wastegate Solenoid B High
P0251	Generic	Injection Pump Metering Control A

P0252	Generic	Injection Pump Metering Control A Range/Performance
P0253	Generic	Injection Pump Metering Control A Low
P0254	Generic	Injection Pump Metering Control A High
P0255	Generic	Injection Pump Metering Control A Intermittent (Cam/Rotor/Injector)
P0256	Generic	Injection Pump Metering Control B Malfunction (Cam/Rotor/Injector)
P0257	Generic	Injection Pump Metering Control A Range/Performance (Cam/Rotor/Injector)
P0258	Generic	Injection Pump Metering Control B Low (Cam/Rotor/Injector)
P0259	Generic	Injection Pump Metering Control B High (Cam/Rotor/Injector)
P0260	Generic	Injection Pump Metering Control B Intermittent (Cam/Rotor/Injector)
P0261	Generic	Cylinder 1 Injector Control Circuit Low
P0262	Generic	Cylinder 1 Injector Control Circuit High
P0263	Generic	Cylinder 1 Contribution Balance Fault
P0264	Generic	Cylinder 2 Injector Control Circuit Low
P0265	Generic	Cylinder 2 Injector Control Circuit High
P0266	Generic	Cylinder 2 Contribution Balance Fault
P0267	Generic	Cylinder 3 Injector Control Circuit Low
P0268	Generic	Cylinder 3 Injector Control Circuit High
P0269	Generic	Cylinder 3 Contribution Balance Fault
P0270	Generic	Cylinder 4 Injector Control Circuit Low
P0271	Generic	Cylinder 4 Injector Control Circuit High
P0272	Generic	Cylinder 4 Contribution Balance Fault
P0273	Generic	Cylinder 5 Injector Control Circuit Low
P0274	Generic	Cylinder 5 Injector Control Circuit High
P0275	Generic	Cylinder 5 Contribution Balance Fault
P0276	Generic	Cylinder 6 Injector Control Circuit Low
P0277	Generic	Cylinder 6 Injector Control Circuit High
P0278	Generic	Cylinder 6 Contribution Balance Fault

P0279	Generic	Cylinder 7 Injector Control Circuit Low
P0280	Generic	Cylinder 7 Injector Control Circuit High
P0281	Generic	Cylinder 7 Contribution Balance Fault
P0282	Generic	Cylinder 8 Injector Control Circuit Low
P0283	Generic	Cylinder 8 Injector Control Circuit High
P0284	Generic	Cylinder 8 Contribution Balance Fault
P0285	Generic	Cylinder 9 Injector Control Circuit Low
P0286	Generic	Cylinder 9 Injector Control Circuit High
P0287	Generic	Cylinder 9 Contribution Balance Fault
P0288	Generic	Cylinder 10 Injector Control Circuit Low
P0289	Generic	Cylinder 10 Injector Control Circuit High
P0290	Generic	Cylinder 10 Contribution Balance Fault
P0291	Generic	Cylinder 11 Injector Control Circuit Low
P0292	Generic	Cylinder 11 Injector Control Circuit High
P0293	Generic	Cylinder 11 Contribution Balance Fault
P0294	Generic	Cylinder 12 Injector Control Circuit Low
P0295	Generic	Cylinder 12 Injector Control Circuit High
P0296	Generic	Cylinder 12 Contribution Balance Fault
P0297	Generic	Vehicle Overspeed Error
P0298	Generic	Engine Oil Temperature Too High
P0299	Generic	Turbo/Super Charger Under Boost
P0300	Generic	Random/Multiple Cylinder Misfire
P0301	Generic	Cylinder 1 Misfire Detected
P0302	Generic	Cylinder 2 Misfire Detected
P0303	Generic	Cylinder 3 Misfire Detected
P0304	Generic	Cylinder 4 Misfire Detected
P0305	Generic	Cylinder 5 Misfire Detected

P0306	Generic	Cylinder 6 Misfire Detected
P0307	Generic	Cylinder 7 Misfire Detected
P0308	Generic	Cylinder 8 Misfire Detected
P0309	Generic	Cylinder 9 Misfire Detected
P0310	Generic	Cylinder 10 Misfire Detected
P0311	Generic	Cylinder 11 Misfire Detected
P0312	Generic	Cylinder 12 Misfire Detected
P0313	Generic	Misfire Detected Low Fuel Level
P0314	Generic	Misfire Detected Cyl. not Specific
P0315	Generic	Crankshaft Position System Variation Not Learned
P0316	Generic	Misfire Detected 1st 1000 Revs
P0317	Generic	Rough Road Hardware Not Present
P0318	Generic	Rough Road Sensor A Signal Circuit
P0319	Generic	Rough Road Sensor B
P0320	Generic	Ignition/Dist Engine Speed Input Circuit Malfunction
P0321	Generic	Ignition/Dist Engine Speed Input CKT Range/Performance
P0322	Generic	Ignition/Dist Engine Speed Input Circuit No Signal
P0323	Generic	Ignition/Dist Engine Speed Input CKT Intermittent
P0324	Generic	Knock Control System Malfunction
P0325	Generic	Knock Sensor 1 Circuit Malfunction Bank 1 or 1 Sensor
P0326	Generic	Knock Sensor 1 CKT Range/Performance Bank 1 or 1 Sensor
P0327	Generic	Knock Sensor 1 Circuit Low Input Bank 1 or 1 Sensor
P0328	Generic	Knock Sensor 1 Circuit High Input Bank 1 or 1 Sensor
P0329	Generic	Knock Sensor 1 CKT Intermittent Bank 1 or 1 Sensor
P0330	Generic	Knock Sensor 2 Circuit Malfunction (Bank 2)
P0331	Generic	Knock Sensor 2 Circuit Malfunction (Bank 2)
P0332	Generic	Knock Sensor 2 Circuit Low Input (Bank 2)

P0333	Generic	Knock Sensor 2 Circuit High Input (Bank 2)
P0334	Generic	Knock Sensor 2 CKT Intermittent (Bank 2)
P0335	Generic	Crankshaft Position Sensor A Circuit Malfunction
P0336	Generic	Crankshaft Position Sensor A CKT Range/Performance
P0337	Generic	Crankshaft Position Sensor A Circuit Low Input
P0338	Generic	Crankshaft Position Sensor A Circuit High Input
P0339	Generic	Crankshaft Position Sensor A CKT Intermittent
P0340	Generic	Camshaft Position Sensor A-Bank 1 Circuit Malfunction
P0341	Generic	Camshaft Position Sensor A-Bank 1 CKT Range/Performance
P0342	Generic	Camshaft Position Sensor A-Bank 1 Circuit Low Input
P0343	Generic	Camshaft Position Sensor A-Bank 1 Circuit High Input
P0344	Generic	Camshaft Position Sensor A-Bank 1 CKT Intermittent
P0345	Generic	Camshaft Position Sensor A-Bank 2 Circuit Malfunction
P0346	Generic	Camshaft Position Sensor A-Bank 2 CKT Range/Performance
P0347	Generic	Camshaft Position Sensor A-Bank 2 Circuit Low Input
P0348	Generic	Camshaft position Sensor A-Bank 2 Circuit High Input
P0349	Generic	Camshaft Position Sensor A-Bank 2 CKT Intermittent
P0350	Generic	Ignition Coil Primary/Secondary Circuit Malfunction
P0351	Generic	Ignition Coil A Primary/Secondary Circuit Malfunction
P0352	Generic	Ignition Coil B Primary/Secondary Circuit Malfunction
P0353	Generic	Ignition Coil C Primary/Secondary Circuit Malfunction
P0354	Generic	Ignition Coil D Primary/Secondary Circuit Malfunction
P0355	Generic	Ignition Coil E Primary/Secondary Circuit Malfunction
P0356	Generic	Ignition Coil F Primary/Secondary Circuit Malfunction
P0357	Generic	Ignition Coil G Primary/Secondary Circuit Malfunction
P0358	Generic	Ignition Coil H Primary/Secondary Circuit Malfunction
P0359	Generic	Ignition Coil I Primary/Secondary Circuit Malfunction

P0360	Generic	Ignition Coil G Primary/Secondary Circuit Malfunction
P0361	Generic	Ignition Coil K Primary/Secondary Circuit Malfunction
P0362	Generic	Ignition Coil L Primary/Secondary Circuit Malfunction
P0363	Generic	Misfire Detected Fueling Disabled
P0365	Generic	Camshaft Position Sensor B-Bank 1 Circuit Malfunction
P0366	Generic	Camshaft Position Sensor B-Bank 1 CKT Range/Performance
P0367	Generic	Camshaft Position Sensor B-Bank 1 Circuit Low Input
P0368	Generic	Camshaft position Sensor B-Bank 1 Circuit High Input
P0369	Generic	Camshaft Position Sensor B-Bank 1 CKT Intermittent
P0370	Generic	Timing Reference High resolution Signal A Malfunction
P0371	Generic	Timing Reference High resolution Signal A Too Many Pulses
P0372	Generic	Timing Reference High resolution Signal A Too Few Pulses
P0373	Generic	Timing Reference High resolution Signal A Erratic Pluses
P0374	Generic	Timing Reference High resolution Signal A No Pulses
P0375	Generic	Timing Reference High resolution Signal B Malfunction
P0376	Generic	Timing Reference High resolution Signal B Too Many Pulses
P0377	Generic	Timing Reference High resolution Signal B Too Few Pulses
P0378	Generic	Timing Reference High resolution Signal B Erratic Pluses
P0379	Generic	Timing Reference High resolution Signal B No Pulses
P0380	Generic	Glow Plug/Heater CKT A Malfunction
P0381	Generic	Glow Plug/Heater Indicator Circuit Malfunction
P0382	Generic	Glow Plug/Heater CKT B Malfunction
P0383	Generic	Glow Plug Module Control Circuit Low
P0384	Generic	Glow Plug Module Control Circuit High
P0385	Generic	Crankshaft Position Sensor B Circuit Malfunction
P0386	Generic	Crankshaft Position Sensor B CKT Range/Performance
P0387	Generic	Crankshaft Position Sensor B Circuit Low Input

P0388	Generic	Crankshaft Position Sensor B Circuit High Input
P0389	Generic	Crankshaft Position Sensor B CKT Intermittent
P0390	Generic	Camshaft Position Sensor B-Bank 2 Circuit Malfunction
P0391	Generic	Camshaft Position Sensor B-Bank 2 CKT Range/Performance
P0392	Generic	Camshaft Position Sensor B-Bank 2 Circuit Low Input
P0393	Generic	Camshaft position Sensor B-Bank 2 Circuit High Input
P0394	Generic	Camshaft Position Sensor B-Bank 2 CKT Intermittent
P0400	Generic	EGR Flow Malfunction
P0401	Generic	EGR Flow Insufficient
P0402	Generic	EGR Flow Excessive
P0403	Generic	EGR Flow Circuit Malfunction
P0404	Generic	EGR Flow CKT Range/Performance
P0405	Generic	EGR Flow Sensor A Circuit Low Input
P0406	Generic	EGR Flow Sensor A Circuit High Input
P0407	Generic	EGR Flow Sensor B Circuit Low Input
P0408	Generic	EGR Flow Sensor B Circuit High Input
P0409	Generic	EGR Flow Sensor A Circuit
P0410	Generic	Secondary Air Infection System Malfunction
P0411	Generic	Secondary Air Infection System Incorrect Flow
P0412	Generic	Secondary Air Infection System Valve A Malfunction
P0413	Generic	Secondary Air Infection System Valve A CKT Open
P0414	Generic	Secondary Air Infection System Valve A CKT Short
P0415	Generic	Secondary Air Infection System Valve B Malfunction
P0416	Generic	Secondary Air Infection System Valve B CKT Open
P0417	Generic	Secondary Air Infection System Valve B CKT Short
P0418	Generic	Secondary Air Infection System Relay A Malfunction
P0419	Generic	Secondary Air Infection System Relay B Malfunction

P0420	Generic	Catalyst Efficiency Below Threshold (Bank 1)
P0421	Generic	Warm Up Catalyst Below Threshold (Bank 1)
P0422	Generic	Main Catalyst Below Threshold (Bank 1)
P0423	Generic	Heated Catalyst Below Threshold (Bank 1)
P0424	Generic	Heated Catalyst Temp Below Threshold (Bank 1)
P0425	Generic	Catalyst Temp. Sensor (Bank 1 Sensor 1)
P0426	Generic	Catalyst Temp. Sensor Performance (Bank 1 Sensor 1)
P0427	Generic	Catalyst Temp. Sensor Circuit Low (Bank 1 Sensor 1)
P0428	Generic	Catalyst Temp. Sensor Circuit High (Bank 1 Sensor 1)
P0429	Generic	Catalyst Heater Control (Bank 1)
P0430	Generic	Catalyst Efficiency Below Threshold (Bank 2)
P0431	Generic	Warm Up Catalyst Below Threshold (Bank 2)
P0432	Generic	Main Catalyst Below Threshold (Bank 2)
P0433	Generic	Heated Catalyst Below Threshold (Bank 2)
P0434	Generic	Heated Catalyst Temp Below Threshold (Bank 2)
P0435	Generic	Catalyst Temp. Sensor (Bank 2 Sensor 1)
P0436	Generic	Catalyst Temp. Sensor Performance (Bank 2 Sensor 1)
P0437	Generic	Catalyst Temp. Sensor Circuit Low (Bank 2 Sensor 1)
P0438	Generic	Catalyst Temp. Sensor Circuit High (Bank 2 Sensor 1)
P0439	Generic	Catalyst Heater Control (Bank 2)
P0440	Generic	EVAP Emission Control System Malfunction
P0441	Generic	EVAP Emission Control System Purge Flow Fault
P0442	Generic	EVAP Emission Control System Leak (Small)
P0443	Generic	EVAP Emission Control System Purge Valve C Fault
P0444	Generic	EVAP Emission Control System Purge Valve C Open
P0445	Generic	EVAP Emission Control System Purge Valve C Short
P0446	Generic	EVAP Emission Control System Vent Circuit Malf

P0447	Generic	EVAP Emission Control System Vent Circuit Open
P0448	Generic	EVAP Emission Control System Vent Circuit Short
P0449	Generic	EVAP Emission Control System Vent Vlv/Sol Malf
P0450	Generic	EVAP Emission Control System Pres Sensor Fault
P0451	Generic	EVAP Emission Control System Pres Sensor Range
P0452	Generic	EVAP Emission Control System Pres Sensor Low
P0453	Generic	EVAP Emission Control System Pres Sensor High
P0454	Generic	EVAP Emission Control System Pres Sensor Erratic
P0455	Generic	EVAP Emission Control System Leak (Large)
P0456	Generic	EVAP Emission Control System Leak Very Small
P0457	Generic	EVAP Emission Control System Leak Cap Loose/Off
P0458	Generic	EVAP System Canister Purge Sol Circuit Low
P0459	Generic	EVAP System Canister Purge Sol Circuit High
P0460	Generic	Fuel Level Sensor A Circuit Malfunction
P0461	Generic	Fuel Level Sensor A CKT Range/Performance
P0462	Generic	Fuel Level Sensor A Circuit Low Input
P0463	Generic	Fuel Level Sensor A Circuit High Input
P0464	Generic	Fuel Level Sensor A CKT Intermittent
P0465	Generic	EVAP Emission Purge Flow Sensor Circuit Malfunction
P0466	Generic	EVAP Emission Purge Flow Sensor CKT Range/Performance
P0467	Generic	EVAP Emission Purge Flow Sensor Circuit Low Input
P0468	Generic	EVAP Emission Purge Flow Sensor Circuit High Input
P0469	Generic	EVAP Emission Purge Flow Sensor CKT Intermittent
P0470	Generic	Exhaust Pressure Sensor Circuit Malfunction
P0471	Generic	Exhaust Pressure Sensor CKT Range/Performance
P0472	Generic	Exhaust Pressure Sensor Circuit Low Input
P0473	Generic	Exhaust Pressure Sensor Circuit High Input

P0474	Generic	Exhaust Pressure Sensor CKT Intermittent
P0475	Generic	Exhaust Pressure Control Valve Circuit Malfunction
P0476	Generic	Exhaust Pressure Control Valve CKT Range/Performance
P0477	Generic	Exhaust Pressure Control Valve Circuit Low Input
P0478	Generic	Exhaust Pressure Control Valve Circuit High Input
P0479	Generic	Exhaust Pressure Control Valve CKT Intermittent
P0480	Generic	Cooling Fan 1 Control Circuit
P0481	Generic	Cooling Fan 2 Control Circuit
P0482	Generic	Cooling Fan 3 Control Circuit
P0483	Generic	Control Fan Rationality Check Malfunction
P0484	Generic	Control Fan CKT Over Current
P0485	Generic	Control Fan Power/Ground Circuit Malfunction
P0486	Generic	EGR System Sensor B Circuit
P0487	Generic	EGR TPS Control Circuit
P0488	Generic	EGR TPS Control CKT Range/Performance
P0489	Generic	EGR Control Circuit Low
P0490	Generic	EGR Control Circuit High
P0491	Generic	Secondary Air System (Bank 1)
P0492	Generic	Secondary Air System (Bank 2)
P0493	Generic	Fan Speed Overspeed
P0494	Generic	Fan Speed Low
P0495	Generic	Fan Speed High
P0496	Generic	EVAP Emission High Purge Flow Fault
P0497	Generic	EVAP Emission Low Purge Flow Fault
P0498	Generic	EVAP Emission Vent Vlv/Sol Malf Circuit Low
P0499	Generic	EVAP Emission Vent Vlv/Sol Malf Circuit High
P0500	Generic	Vehicle Speed Sensor A Malfunction

P0501	Generic	Vehicle Speed Sensor A Range/Performance
P0502	Generic	Vehicle Speed Sensor A Circuit Low Input
P0503	Generic	Vehicle Speed Sensor A Erratic/High
P0504	Generic	Brake Switch A Brake Switch B Correlation
P0505	Generic	Idle Control System Malfunction
P0506	Generic	Idle Control System RPM Low
P0507	Generic	Idle Control System RPM High
P0508	Generic	Idle Control System Circuit Low
P0509	Generic	Idle Control System Circuit High
P0510	Generic	Closed Throttle Position Switch
P0511	Generic	Idle Air Control Circuit
P0512	Generic	Starter Signal Circuit
P0513	Generic	Immobilizer Incorrect
P0514	Generic	Battery Temperature Sensor CKT Range/Performance
P0515	Generic	Battery Temperature Sensor Circuit
P0516	Generic	Battery Temperature Circuit Low
P0517	Generic	Battery Temperature Circuit High
P0518	Generic	Idle Air Control CKT intermittent
P0519	Generic	Idle Air Control System Performance
P0520	Generic	Engine Oil Pressure Sensor/Switch Circuit Malfunction
P0521	Generic	Engine Oil Pressure Sensor/Switch Range/Performance
P0522	Generic	Engine Oil Pressure Sensor/Switch Low Voltage
P0523	Generic	Engine Oil Pressure Sensor/Switch High Voltage
P0524	Generic	Engine Oil Pressure Too Low
P0525	Generic	Cruise Servo CKT Range/Performance
P0526	Generic	Fan Speed Sensor Circuit
P0527	Generic	Fan Speed Sensor CKT Range/Performance

P0528	Generic	Fan Speed Sensor Circuit No Signal
P0529	Generic	Fan Speed Sensor CKT Intermittent
P0530	Generic	A/C Refrigerant Pressure Sensor A Circuit Malfunction
P0531	Generic	A/C Refrigerant Pressure Sensor A CKT Range/Performance
P0532	Generic	A/C Refrigerant Pressure Sensor A Circuit Low Input
P0533	Generic	A/C Refrigerant Pressure Sensor A Circuit High Input
P0534	Generic	A/C Refrigerant Charge Loss
P0535	Generic	A/C Evaporator Temperature Sensor Circuit
P0536	Generic	A/C Evaporator Temperature Sensor CKT Range/Performance
P0537	Generic	A/C Evaporator Temperature Sensor Circuit Low
P0538	Generic	A/C Evaporator Temperature Sensor Circuit High
P0539	Generic	A/C Evaporator Temperature Sensor CKT Intermittent
P0540	Generic	Intake Air Heater A Circuit
P0541	Generic	Intake Air Heater A Circuit Low
P0542	Generic	Intake Air Heater A Circuit High
P0543	Generic	Intake Air Heater A Circuit Open
P0544	Generic	Exhaust Gas Temp. Sensor Circuit (Bank 1 Sensor 1)
P0545	Generic	Exhaust Gas Temp. Sensor Circuit Low (Bank 1 Sensor 1)
P0546	Generic	Exhaust Gas Temp. Sensor Circuit High (Bank 1 Sensor 1)
P0547	Generic	Exhaust Gas Temp. Sensor Circuit (Bank 2 Sensor 1)
P0548	Generic	Exhaust Gas Temp. Sensor Circuit Low (Bank 2 Sensor 1)
P0549	Generic	Exhaust Gas Temp. Sensor Circuit High (Bank 2 Sensor 1)
P0550	Generic	Power Steering Pres Sensor Circuit Malfunction
P0551	Generic	Power Steering Pres Sensor CKT Range/Performance
P0552	Generic	Power Steering Pres Sensor Circuit Low Input
P0553	Generic	Power Steering Pres Sensor Circuit High Input
P0554	Generic	Power Steering Pres Sensor CKT Intermittent

P0555	Generic	Brake Booster Pressure Sensor Circuit
P0556	Generic	Brake Booster Pressure Sensor CKT Range/Performance
P0557	Generic	Brake Booster Pressure Sensor Circuit Low Input
P0558	Generic	Brake Booster Pressure Sensor Circuit High Input
P0559	Generic	Brake Booster Pressure Sensor CKT Intermittent
P0560	Generic	System Voltage malfunction
P0561	Generic	System Voltage Unstable
P0562	Generic	System Voltage Low
P0563	Generic	System Voltage High
P0564	Generic	Cruise Control Multi-Function. Input A Signal Error
P0565	Generic	Cruise Control On Signal Malfunction
P0566	Generic	Cruise control off Signal Malfunction
P0567	Generic	Cruise Control Resume Signal Malfunction
P0568	Generic	Cruise Control Resume Signal Malfunction
P0569	Generic	Cruise Control Coast Signal Malfunction
P0570	Generic	Cruise Control Acceleration Signal Error
P0571	Generic	Brake Switch A Circuit Malfunction
P0572	Generic	Brake Switch A Circuit Low Input
P0573	Generic	Brake Switch A Circuit High Input
P0574	Generic	Cruise Control Vehicle Speed Too High
P0575	Generic	Cruise Control Circuit Malfunction
P0576	Generic	Cruise Control Circuit Low Input
P0577	Generic	Cruise Control Circuit High Input
P0578	Generic	Cruise Control Multi-Function input A Circuit Stuck
P0579	Generic	Cruise Control Multi-Function input A CKT Range/Performance
P0580	Generic	Cruise Control Multi-Function input A Circuit Low
P0581	Generic	Cruise Control Multi-Function input A Circuit High

P0582	Generic	Cruise Control Vacuum Control Circuit Open
P0583	Generic	Cruise Control Vacuum Control Circuit Low
P0584	Generic	Cruise Control Vacuum Control Circuit High
P0585	Generic	Cruise Control Multi-Function Input Correlation
P0586	Generic	Cruise Control Vent Control Circuit Open
P0587	Generic	Cruise Control Vent Control Circuit Low
P0588	Generic	Cruise Control Vent Control Circuit High
P0589	Generic	Cruise Control Multi-Function Input B Circuit
P0590	Generic	Cruise Control Multi-Function Input B Circuit Stuck
P0591	Generic	Cruise Control Multi-Function Input B CKT Range/Performance
P0592	Generic	Cruise Control Multi-Function Input B Circuit Low
P0593	Generic	Cruise Control Multi-Function Input B Circuit High
P0594	Generic	Cruise Control Servo Control Circuit Open
P0595	Generic	Cruise Control Servo Control Circuit Low
P0596	Generic	Cruise Control Servo Control Circuit High
P0597	Generic	Cruise control Circuit Open
P0598	Generic	Cruise control Circuit Low
P0599	Generic	Cruise control Circuit High
P0600	Generic	Serial Communication Link Malfunction
P0601	Generic	Internal Control Module Memory Check Sum Error
P0602	Generic	Control Module Programming Error
P0603	Generic	Powertrain Control Module Keep Alive Memory (KAM) Error
P0604	Generic	Powertrain Control Module Random Access Memory (RAM) Error
P0605	Generic	Powertrain Control Module Read Only Memory (ROM) Error
P0606	Generic	ECM / PCM Processor
P0607	Generic	Control Module Performance
P0608	Generic	Powertrain Control Module Vehicle Speed Output A

P0609	Generic	Powertrain Control Module Vehicle Speed Output B
P0610	Generic	Control Module Vehicle Options Error
P0611	Generic	Fuel Injector Control Module Performance
P0612	Generic	Fuel Injector Control Module Relay Control Circuit
P0613	Generic	TCM Processor
P0614	Generic	ECM / TCM Mismatch
P0615	Generic	Starter Relay Circuit
P0616	Generic	Starter Relay Circuit Low
P0617	Generic	Starter Relay Circuit High
P0618	Generic	Alternative Fuel Control Module KAM Error
P0619	Generic	Alternative Fuel Control Module RAM/ROM Error
P0620	Generic	Generator Control Circuit
P0621	Generic	Generator Lamp Terminal Circuit
P0622	Generic	Generator Field Terminal Circuit
P0623	Generic	Generator Lamp Control Circuit
P0624	Generic	Fuel Cap Lamp Control Circuit
P0625	Generic	Generator Field Terminal Circuit Low
P0626	Generic	Generator Field Terminal Circuit High
P0627	Generic	Fuel Pump Control Circuit / Open
P0628	Generic	Fuel Pump Control Circuit Low
P0629	Generic	Fuel Pump Control Circuit High
P0630	Generic	VIN Not Programmed or Mismatch - ECM/PCM
P0631	Generic	VIN Not Programmed or Mismatch - TCM
P0632	Generic	Odometer Not Programmed - ECM/PCM
P0633	Generic	Immobolizer Key Not Programmed - ECM/PCM
P0634	Generic	PCM / ECM / TCM Internal Temperature Too High
P0635	Generic	Power Steering Control Circuit

P0636	Generic	Power Steering Control Circuit Low
P0637	Generic	Power Steering Control Circuit High
P0638	Generic	Throttle Actuator Control Range/Performance - Bank 1
P0639	Generic	Throttle Actuator Control Range/Performance - Bank 2
P0640	Generic	Intake Air Heater Control Circuit
P0641	Generic	Sensor Reference Voltage A Circuit/Open
P0642	Generic	Sensor Reference Voltage A Circuit Low
P0643	Generic	Sensor Reference Voltage A Circuit High
P0644	Generic	Driver Display Serial Communication Circuit
P0645	Generic	A/C Clutch Relay Control Circuit
P0646	Generic	A/C Clutch Relay Control Circuit Low
P0647	Generic	A/C Clutch Relay Control Circuit High
P0648	Generic	Immobilizer Lamp Control Circuit
P0649	Generic	Cruise Control Lamp Control Circuit
P0650	Generic	Malfunction Indicator Light Control Circuit
P0651	Generic	Sensor Reference Voltage B Circuit/Open
P0652	Generic	Sensor Reference Voltage B Circuit Low
P0653	Generic	Sensor Reference Voltage B Circuit High
P0654	Generic	Engine RPM Output Circuit
P0655	Generic	Engine Hot Lamp Output Control Circuit
P0656	Generic	Fuel level Output Circuit
P0657	Generic	Actuator Supply Voltage Circuit / Open
P0658	Generic	Actuator Supply Voltage Circuit Low
P0659	Generic	Actuator Supply Voltage Circuit High
P0660	Generic	Intake Manifold Tuning Valve Control Circuit / Open - Bank 1
P0661	Generic	Intake Manifold Tuning Valve Control Circuit Low - Bank 1
P0662	Generic	Intake Manifold Tuning Valve Control Circuit High - Bank 1

P0663	Generic	Intake Manifold Tuning Valve Control Circuit / Open - Bank 2
P0664	Generic	Intake Manifold Tuning Valve Control Circuit Low - Bank 2
P0665	Generic	Intake Manifold Tuning Valve Control Circuit High - Bank 2
P0666	Generic	PCM / ECM / TCM Internal Temperature Sensor Circuit
P0667	Generic	PCM / ECM / TCM Internal Temperature Sensor Range/Performance
P0668	Generic	PCM / ECM / TCM Internal Temperature Sensor Circuit Low
P0669	Generic	PCM / ECM / TCM Internal Temperature Sensor Circuit High
P0670	Generic	Glow Plug Module Control Circuit
P0671	Generic	Cylinder 1 Glow Plug Circuit
P0672	Generic	Cylinder 2 Glow Plug Circuit
P0673	Generic	Cylinder 3 Glow Plug Circuit
P0674	Generic	Cylinder 4 Glow Plug Circuit
P0675	Generic	Cylinder 5 Glow Plug Circuit
P0676	Generic	Cylinder 6 Glow Plug Circuit
P0677	Generic	Cylinder 7 Glow Plug Circuit
P0678	Generic	Cylinder 8 Glow Plug Circuit
P0679	Generic	Reserve for future glow plugs 9-12
P0680	Generic	Reserve for future glow plugs 9-12
P0681	Generic	Reserve for future glow plugs 9-12
P0682	Generic	Reserve for future glow plugs 9-12
P0683	Generic	Glow Plug Control Module to PCM Communication Circuit
P0684	Generic	Glow Plug Control Module to PCM Communication Circuit Range/Performance
P0685	Generic	ECM/PCM Power Relay Control Circuit/Open
P0686	Generic	ECM/PCM Power Relay Control Circuit Low
P0687	Generic	ECM/PCM Power Relay Control Circuit High
P0688	Generic	ECM/PCM Power Relay Sense Circuit Open
P0689	Generic	ECM/PCM Power Relay Sense Circuit Low

P0690	Generic	ECM/PCM Power Relay Sense Circuit High
P0691	Generic	Fan 1 Control Circuit Low
P0692	Generic	Fan 1 Control Circuit High
P0693	Generic	Fan 2 Control Circuit Low
P0694	Generic	Fan 2 Control Circuit High
P0695	Generic	Fan 3 Control Circuit Low
P0696	Generic	Fan 3 Control Circuit High
P0697	Generic	Sensor Reference Voltage C Circuit / Open
P0698	Generic	Sensor Reference Voltage C Circuit Low
P0699	Generic	Sensor Reference Voltage C Circuit High
P0700	Generic	Transmission Control System (MIL Request)
P0701	Generic	Transmission Control System Range/Performance
P0702	Generic	Transmission Control System Electrical
P0703	Generic	Brake Switch B Input Circuit
P0704	Generic	Clutch Switch Input Circuit
P0705	Generic	Transmission Range Sensor Circuit (PRNDL Input)
P0706	Generic	Transmission Range Sensor Circuit Range/Performance
P0707	Generic	Transmission Range Sensor Circuit Low Input
P0708	Generic	Transmission Range Sensor Circuit High Input
P0709	Generic	Transmission Range Sensor Circuit Intermittent
P0710	Generic	Transmission Fluid Temperature Sensor A Circuit
P0711	Generic	Transmission Fluid Temperature Sensor A Circuit Range/Performance
P0712	Generic	Transmission Fluid Temperature Sensor A Circuit Low Input
P0713	Generic	Transmission Fluid Temperature Sensor A Circuit High Input
P0714	Generic	Transmission Fluid Temperature Sensor A Circuit Intermittent
P0715	Generic	Turbine/Input Shaft Speed Sensor Circuit
P0716	Generic	Turbine/Input Shaft Speed Sensor Circuit Range/Performance

P0717	Generic	Turbine/Input Shaft Speed Sensor Circuit No Signal
P0718	Generic	Turbine/Input Shaft Speed Sensor Circuit Intermittent
P0719	Generic	Brake Switch B Input Circuit Low
P0720	Generic	Output Shaft Speed Sensor Circuit
P0721	Generic	Output Shaft Speed Sensor Circuit Range/Performance
P0722	Generic	Output Shaft Speed Sensor Circuit No Signal
P0723	Generic	Output Shaft Speed Sensor Circuit Intermittent
P0724	Generic	Brake Switch B Input Circuit High
P0725	Generic	Engine Speed Input Circuit
P0726	Generic	Engine Speed Input Circuit Range/Performance
P0727	Generic	Engine Speed Input Circuit No Signal
P0728	Generic	Engine Speed Input Circuit Intermittent
P0729	Generic	Gear 6 Incorrect Ratio
P0730	Generic	Incorrect Gear Ratio
P0731	Generic	Gear 1 Incorrect Ratio
P0732	Generic	Gear 2 Incorrect Ratio
P0733	Generic	Gear 3 Incorrect Ratio
P0734	Generic	Gear 4 Incorrect Ratio
P0735	Generic	Gear 5 Incorrect Ratio
P0736	Generic	Reverse Incorrect Ratio
P0737	Generic	TCM Engine Speed Output Circuit
P0738	Generic	TCM Engine Speed Output Circuit Low
P0739	Generic	TCM Engine Speed Output Circuit High
P0740	Generic	Torque Converter Clutch Solenoid Circuit
P0741	Generic	Torque Converter Clutch Solenoid Circuit Performance Or Stuck Off
P0742	Generic	Torque Converter Clutch Solenoid Circuit Stuck On
P0743	Generic	Torque Converter Clutch Solenoid Circuit Electrical

P0744	Generic	Torque Converter Clutch Solenoid Circuit Intermittent
P0745	Generic	Pressure Control Solenoid A
P0746	Generic	Pressure Control Solenoid A Performance or Stuck Off
P0747	Generic	Pressure Control Solenoid A Stuck On
P0748	Generic	Pressure Control Solenoid A Electrical
P0749	Generic	Pressure Control Solenoid A Intermittent
P0750	Generic	Shift Solenoid A
P0751	Generic	Shift Solenoid A Performance or Stuck Off
P0752	Generic	Shift Solenoid A Stuck On
P0753	Generic	Shift Solenoid A Electrical
P0754	Generic	Shift Solenoid A Intermittent
P0755	Generic	Shift Solenoid B
P0756	Generic	Shift Solenoid B Performance or Stuck Off
P0757	Generic	Shift Solenoid B Stuck On
P0758	Generic	Shift Solenoid B Electrical
P0759	Generic	Shift Solenoid B Intermittent
P0760	Generic	Shift Solenoid C
P0761	Generic	Shift Solenoid C Performance or Stuck Off
P0762	Generic	Shift Solenoid C Stuck On
P0763	Generic	Shift Solenoid C Electrical
P0764	Generic	Shift Solenoid C Intermittent
P0765	Generic	Shift Solenoid D
P0766	Generic	Shift Solenoid D Performance or Stuck Off
P0767	Generic	Shift Solenoid D Stuck On
P0768	Generic	Shift Solenoid D Electrical
P0769	Generic	Shift Solenoid D Intermittent
P0770	Generic	Shift Solenoid E

P0771	Generic	Shift Solenoid E Performance or Stuck Off
P0772	Generic	Shift Solenoid E Stuck On
P0773	Generic	Shift Solenoid E Electrical
P0774	Generic	Shift Solenoid E Intermittent
P0775	Generic	Pressure Control Solenoid B
P0776	Generic	Pressure Control Solenoid B Performance or Stuck Off
P0777	Generic	Pressure Control Solenoid B Stuck On
P0778	Generic	Pressure Control Solenoid B Electrical
P0779	Generic	Pressure Control Solenoid B Intermittent
P0780	Generic	Shift Malfunction
P0781	Generic	1-2 Shift
P0782	Generic	2-3 Shift
P0783	Generic	3-4 Shift
P0784	Generic	4-5 Shift
P0785	Generic	Shift/Timing Solenoid
P0786	Generic	Shift/Timing Solenoid Range/Performance
P0787	Generic	Shift/Timing Solenoid Low
P0788	Generic	Shift/Timing Solenoid High
P0789	Generic	Shift/Timing Solenoid Intermittent
P0790	Generic	Normal/Performance Switch Circuit
P0791	Generic	Intermediate Shaft Speed Sensor A Circuit
P0792	Generic	Intermediate Shaft Speed Sensor A Circuit Range/Performance
P0793	Generic	Intermediate Shaft Speed Sensor A Circuit No Signal
P0794	Generic	Intermediate Shaft Speed Sensor A Circuit Intermittent
P0795	Generic	Pressure Control Solenoid C
P0796	Generic	Pressure Control Solenoid C Performance or Stuck Off
P0797	Generic	Pressure Control Solenoid C Stuck On

P0798	Generic	Pressure Control Solenoid C Electrical
P0799	Generic	Pressure Control Solenoid C Intermittent
P0800	Generic	Transmission Control System (MIL Request)
P0800	Generic	Transmission / Transfer Case Control System (MIL Request)
P0801	Generic	Reverse Inhibit Control Circuit
P0802	Generic	Transmission Control System MIL Request Circuit / Open
P0803	Generic	1-4 Upshift (skip shift) Solenoid Circuit
P0804	Generic	1-4 Upshift (skip shift) Lamp Control Circuit
P0805	Generic	Clutch Position Sensor Circuit
P0806	Generic	Clutch Position Sensor Circuit Range/Performance
P0807	Generic	Clutch Position Sensor Circuit Low
P0808	Generic	Clutch Position Sensor Circuit High
P0809	Generic	Clutch Position Sensor Circuit Intermittent
P0810	Generic	Clutch Position Control Error
P0811	Generic	Excessive Clutch Slippage
P0812	Generic	Reverse Input Circuit
P0813	Generic	Reverse Output Circuit
P0814	Generic	Transmission Range Display Circuit
P0815	Generic	Upshift Switch Circuit
P0816	Generic	Downshift Switch Circuit
P0817	Generic	Starter Disable Circuit
P0818	Generic	Driveline Disconnect Switch Input Circuit
P0819	Generic	Up and Down Shift Switch to Transmission Range Correlation
P0820	Generic	Gear Lever X-Y Position Sensor Circuit
P0821	Generic	Gear Lever X Position Sensor Circuit
P0822	Generic	Gear Lever Y Position Sensor Circuit
P0823	Generic	Gear Lever X Position Sensor Circuit Intermittent

P0824	Generic	Gear Lever Y Position Sensor Circuit Intermittent
P0825	Generic	Gear Lever Push/Pull Switch Circuit (Shift Anticipate)
P0826	Generic	Up and Down Switch Input Circuit
P0827	Generic	Up and Down Switch Input Circuit Low
P0828	Generic	Up and Down Switch Input Circuit High
P0829	Generic	5-6 Shift
P0830	Generic	Clutch Pedal Switch A Circuit
P0831	Generic	Clutch Pedal Switch A Circuit Low
P0832	Generic	Clutch Pedal Switch A Circuit High
P0833	Generic	Clutch Pedal Switch B Circuit
P0834	Generic	Clutch Pedal Switch B Circuit Low
P0835	Generic	Clutch Pedal Switch B Circuit High
P0836	Generic	Four Wheel Drive (4WD) Switch Circuit
P0837	Generic	Four Wheel Drive (4WD) Switch Circuit Range/Performance
P0838	Generic	Four Wheel Drive (4WD) Switch Circuit Low
P0839	Generic	Four Wheel Drive (4WD) Switch Circuit High
P0840	Generic	Transmission Fluid Pressure Sensor/Switch A Circuit
P0841	Generic	Transmission Fluid Pressure Sensor/Switch A Circuit Range/Performance
P0842	Generic	Transmission Fluid Pressure Sensor/Switch A Circuit Low
P0843	Generic	Transmission Fluid Pressure Sensor/Switch A Circuit High
P0844	Generic	Transmission Fluid Pressure Sensor/Switch A Circuit Intermittent
P0845	Generic	Transmission Fluid Pressure Sensor/Switch B Circuit
P0846	Generic	Transmission Fluid Pressure Sensor/Switch B Circuit Range/Performance
P0847	Generic	Transmission Fluid Pressure Sensor/Switch B Circuit Low
P0848	Generic	Transmission Fluid Pressure Sensor/Switch B Circuit High
P0849	Generic	Transmission Fluid Pressure Sensor/Switch B Circuit Intermittent
P0850	Generic	Park / Neutral Switch Input Circuit

P0851	Generic	Park / Neutral Switch Input Circuit Low
P0852	Generic	Park / Neutral Switch Input Circuit High
P0853	Generic	Drive Switch Input Circuit
P0854	Generic	Drive Switch Input Circuit Low
P0855	Generic	Drive Switch Input Circuit High
P0856	Generic	Traction Control Input Signal
P0857	Generic	Traction Control Input Signal Range/Performance
P0858	Generic	Traction Control Input Signal Low
P0859	Generic	Traction Control Input Signal High
P0860	Generic	Gear Shift Module Communication Circuit
P0861	Generic	Gear Shift Module Communication Circuit Low
P0862	Generic	Gear Shift Module Communication Circuit High
P0863	Generic	TCM Communication Circuit
P0864	Generic	TCM Communication Circuit Range/Performance
P0865	Generic	TCM Communication Circuit Low
P0866	Generic	TCM Communication Circuit High
P0867	Generic	Transmission Fluid Pressure
P0868	Generic	Transmission Fluid Pressure Low
P0869	Generic	Transmission Fluid Pressure High
P0870	Generic	Transmission Fluid Pressure Sensor/Switch C Circuit
P0871	Generic	Transmission Fluid Pressure Sensor/Switch C Circuit Range/Performance
P0872	Generic	Transmission Fluid Pressure Sensor/Switch C Circuit Low
P0873	Generic	Transmission Fluid Pressure Sensor/Switch C Circuit High
P0874	Generic	Transmission Fluid Pressure Sensor/Switch C Circuit Intermittent
P0875	Generic	Transmission Fluid Pressure Sensor/Switch D Circuit
P0876	Generic	Transmission Fluid Pressure Sensor/Switch D Circuit Range/Performance
P0877	Generic	Transmission Fluid Pressure Sensor/Switch D Circuit Low

P0878	Generic	Transmission Fluid Pressure Sensor/Switch D Circuit High
P0879	Generic	Transmission Fluid Pressure Sensor/Switch D Circuit Intermittent
P0880	Generic	TCM Power Input Signal
P0881	Generic	TCM Power Input Signal Range/Performance
P0882	Generic	TCM Power Input Signal Low
P0883	Generic	TCM Power Input Signal High
P0884	Generic	TCM Power Input Signal Intermittent
P0885	Generic	TCM Power Relay Control Circuit /Open
P0886	Generic	TCM Power Relay Control Circuit Low
P0887	Generic	TCM Power Relay Control Circuit High
P0888	Generic	TCM Power Relay Sense Circuit
P0889	Generic	TCM Power Relay Sense Circuit Range/Performance
P0890	Generic	TCM Power Relay Sense Circuit Low
P0891	Generic	TCM Power Relay Sense Circuit High
P0892	Generic	TCM Power Relay Sense Circuit Intermittent
P0893	Generic	Multiple Gears Engaged
P0894	Generic	Transmission Component Slipping
P0895	Generic	Shift Time Too Short
P0896	Generic	Shift Time Too Long
P0897	Generic	Transmission Fluid Deteriorated
P0898	Generic	Transmission Control System MIL Request Circuit Low
P0899	Generic	Transmission Control System MIL Request Circuit High
P0900	Generic	Clutch Actuator Circuit / Open
P0901	Generic	Clutch Actuator Circuit Range/Performance
P0902	Generic	Clutch Actuator Circuit Low
P0903	Generic	Clutch Actuator Circuit High
P0904	Generic	Gate Select Position Circuit [senses left / right position]

P0905	Generic	Gate Select Position Circuit Range/Performance
P0906	Generic	Gate Select Position Circuit Low
P0907	Generic	Gate Select Position Circuit High
P0908	Generic	Gate Select Position Circuit Intermittent
P0909	Generic	Gate Select Control Error
P0910	Generic	Gate Select Actuator Circuit / Open [left / right motion]
P0911	Generic	Gate Select Actuator Circuit Range/Performance
P0912	Generic	Gate Select Actuator Circuit Low
P0913	Generic	Gate Select Actuator Circuit High
P0914	Generic	Gear Shift Position Circuit [senses forward / rearward position, odd / even gears]
P0915	Generic	Gear Shift Position Circuit Range/Performance
P0916	Generic	Gear Shift Position Circuit Low
P0917	Generic	Gear Shift Position Circuit High
P0918	Generic	Gear Shift Position Circuit Intermittent
P0919	Generic	Gear Shift Position Control Error
P0920	Generic	Gear Shift Forward Actuator Circuit / Open [forward motion, odd gears, 1,3,5]
P0921	Generic	Gear Shift Forward Actuator Circuit Range/Performance
P0922	Generic	Gear Shift Forward Actuator Circuit Low
P0923	Generic	Gear Shift Forward Actuator Circuit High
P0924	Generic	Gear Shift Reverse Actuator Circuit / Open [rearward motion, even gears, 2,4,6]
P0925	Generic	Gear Shift Reverse Actuator Circuit Range/Performance
P0926	Generic	Gear Shift Reverse Actuator Circuit Low
P0927	Generic	Gear Shift Reverse Actuator Circuit High
P0928	Generic	Gear Shift Lock Solenoid Circuit / Open
P0929	Generic	Gear Shift Lock Solenoid Circuit Range/Performance
P0930	Generic	Gear Shift Lock Solenoid Circuit Low
P0931	Generic	Gear Shift Lock Solenoid Circuit High

P0932	Generic	Hydraulic Pressure Sensor Circuit
P0933	Generic	Hydraulic Pressure Sensor Range/Performance
P0934	Generic	Hydraulic Pressure Sensor Circuit Low Input
P0935	Generic	Hydraulic Pressure Sensor Circuit High Input
P0936	Generic	Hydraulic Pressure Sensor Circuit Intermittent
P0937	Generic	Hydraulic Oil Temperature Sensor Circuit
P0938	Generic	Hydraulic Oil Temperature Sensor Range/Performance
P0939	Generic	Hydraulic Oil Temperature Sensor Circuit Low Input
P0940	Generic	Hydraulic Oil Temperature Sensor Circuit High Input
P0941	Generic	Hydraulic Oil Temperature Sensor Circuit Intermittent
P0942	Generic	Hydraulic Pressure Unit
P0943	Generic	Hydraulic Pressure Unit Cycling Period Too Short
P0944	Generic	Hydraulic Pressure Unit Loss of Pressure
P0945	Generic	Hydraulic Pump Relay Circuit / Open
P0946	Generic	Hydraulic Pump Relay Circuit Range/Performance
P0947	Generic	Hydraulic Pump Relay Circuit Low
P0948	Generic	Hydraulic Pump Relay Circuit High
P0949	Generic	ASM Adaptive Learning Not Done
P0950	Generic	ASM Control Circuit [Up / Down / Auto / etc]
P0951	Generic	ASM Control Circuit Range/Performance
P0952	Generic	ASM Control Circuit Low
P0953	Generic	ASM Control Circuit High
P0954	Generic	ASM Control Circuit Intermittent
P0955	Generic	ASM Mode Circuit [Perf / Winter / Sport / etc]
P0956	Generic	ASM Mode Circuit Range/Performance
P0957	Generic	ASM Mode Circuit Low
P0958	Generic	ASM Mode Circuit High

P0959	Generic	ASM Mode Circuit Intermittent
P0960	Generic	Pressure Control Solenoid A Control Circuit / Open
P0961	Generic	Pressure Control Solenoid A Control Circuit Range/Performance
P0962	Generic	Pressure Control Solenoid A Control Circuit Low
P0963	Generic	Pressure Control Solenoid A Control Circuit High
P0964	Generic	Pressure Control Solenoid B Control Circuit / Open
P0965	Generic	Pressure Control Solenoid B Control Circuit Range/ Performance
P0966	Generic	Pressure Control Solenoid B Control Circuit Low
P0967	Generic	Pressure Control Solenoid B Control Circuit High
P0968	Generic	Pressure Control Solenoid C Control Circuit / Open
P0969	Generic	Pressure Control Solenoid C Control Circuit Range/ Performance
P0970	Generic	Pressure Control Solenoid C Control Circuit Low
P0971	Generic	Pressure Control Solenoid C Control Circuit High
P0972	Generic	Shift Solenoid A Control Circuit Range/Performance
P0973	Generic	Shift Solenoid A Control Circuit Low
P0974	Generic	Shift Solenoid A Control Circuit High
P0975	Generic	Shift Solenoid B Control Circuit Range/Performance
P0976	Generic	Shift Solenoid B Control Circuit Low
P0977	Generic	Shift Solenoid B Control Circuit High
P0978	Generic	Shift Solenoid C Control Circuit Range/Performance
P0979	Generic	Shift Solenoid C Control Circuit Low
P0980	Generic	Shift Solenoid C Control Circuit High
P0981	Generic	Shift Solenoid D Control Circuit Range/Performance
P0982	Generic	Shift Solenoid D Control Circuit Low
P0983	Generic	Shift Solenoid D Control Circuit High
P0984	Generic	Shift Solenoid E Control Circuit Range/Performance
P0985	Generic	Shift Solenoid E Control Circuit Low

P0986	Generic	Shift Solenoid E Control Circuit High
P0987	Generic	Transmission Fluid Pressure Sensor/Switch E Circuit
P0988	Generic	Transmission Fluid Pressure Sensor/Switch E Circuit Range/ Performance
P0989	Generic	Transmission Fluid Pressure Sensor/Switch E Circuit Low
P0990	Generic	Transmission Fluid Pressure Sensor/Switch E Circuit High
P0991	Generic	Transmission Fluid Pressure Sensor/Switch E Circuit Intermittent
P0992	Generic	Transmission Fluid Pressure Sensor/Switch F Circuit
P0993	Generic	Transmission Fluid Pressure Sensor/Switch F Circuit Range/ Performance
P0994	Generic	Transmission Fluid Pressure Sensor/Switch F Circuit Low
P0995	Generic	Transmission Fluid Pressure Sensor/Switch F Circuit High
P0996	Generic	Transmission Fluid Pressure Sensor/Switch F Circuit Intermittent
P0997	Generic	Shift Solenoid F Control Circuit Range/Performance
P0998	Generic	Shift Solenoid F Control Circuit Low
P0999	Generic	Shift Solenoid F Control Circuit High

OBDII Generic DTC Definitions

U0001	Generic	High Speed CAN Communication Bus
U0002	Chrysler	Serial Communication Link Malfunction ?Bus off (CAN)
U0002	Generic	High Speed CAN Communication Bus Performance
U0003	Generic	High Speed CAN Communication Bus (+) Open
U0004	Generic	High Speed CAN Communication Bus (+) Low
U0005	Generic	High Speed CAN Communication Bus (+) High
U0005	Generic	High Speed CAN Communication Bus (+) High
U0006	Generic	High Speed CAN Communication Bus (? Open
U0007	Generic	High Speed CAN Communication Bus (? Low
U0008	Generic	High Speed CAN Communication Bus (? High

U0009	Generic	High Speed CAN Communication Bus (? shorted to Bus (+)
U0010	Generic	Medium Speed CAN Communication Bus
U0011	Generic	Medium Speed CAN Communication Bus Performance
U0012	Generic	Medium Speed CAN Communication Bus (+)
U0013	Generic	Medium Speed CAN Communication Bus (+) Low
U0014	Generic	Medium Speed CAN Communication Bus (+) High
U0015	Generic	Medium Speed CAN Communication Bus (? Open
U0016	Generic	Medium Speed CAN Communication Bus (? Low
U0017	Generic	Medium Speed CAN Communication Bus (? High
U0018	Generic	Medium Speed CAN Communication Bus (? shorted to Bus (+)
U0019	Generic	Low Speed CAN Communication Bus
U0020	Generic	Low Speed CAN Communication Bus Performance
U0021	Generic	Low Speed CAN Communication Bus (+) Open
U0022	Generic	Low Speed CAN Communication Bus (+) Low
U0023	Generic	Low Speed CAN Communication Bus (+) High
U0024	Generic	Low Speed CAN Communication Bus (? Open
U0025	Generic	Low Speed CAN Communication Bus (? Low
U0026	Generic	Low Speed CAN Communication Bus (? High
U0027	Generic	Low Speed CAN Communication Bus (? shorted to Bus (+)
U0028	Generic	Vehicle Communication Bus A
U0029	Generic	Vehicle Communication Bus A Performance
U0030	Generic	Vehicle Communication Bus A (+) Open
U0031	Generic	Vehicle Communication Bus A (+) Low
U0032	Generic	Vehicle Communication Bus A (+) High
U0033	Generic	Vehicle Communication Bus A (? Open
U0034	Generic	Vehicle Communication Bus A (? Low
U0035	Generic	Vehicle Communication Bus A (? High

U0036	Generic	Vehicle Communication Bus A (? shorted to Bus A (+)
U0037	Generic	Vehicle Communication Bus B
U0038	Generic	Vehicle Communication Bus B Performance
U0039	Generic	Vehicle Communication Bus B (+) Open
U0040	Generic	Vehicle Communication Bus B (+) Low
U0041	Generic	Vehicle Communication Bus B (+) High
U0042	Generic	Vehicle Communication Bus B (? Open
U0043	Generic	Vehicle Communication Bus B (? Low
U0044	Generic	Vehicle Communication Bus B (? High
U0045	Generic	Vehicle Communication Bus B (? shorted to Bus B (+)
U0046	Generic	Vehicle Communication Bus C
U0047	Generic	Vehicle Communication Bus C Performance
U0048	Generic	Vehicle Communication Bus C (+) Open
U0049	Generic	Vehicle Communication Bus C (+) Low
U0050	Generic	Vehicle Communication Bus C (+) High
U0051	Generic	Vehicle Communication Bus C (? Open
U0052	Generic	Vehicle Communication Bus C (? Low
U0053	Generic	Vehicle Communication Bus C (? High
U0054	Generic	Vehicle Communication Bus C (? shorted to Bus C (+)
U0055	Generic	Vehicle Communication Bus D
U0056	Generic	Vehicle Communication Bus D Performance
U0057	Generic	Vehicle Communication Bus D (+) Open
U0058	Generic	Vehicle Communication Bus D (+) Low
U0059	Generic	Vehicle Communication Bus D (+) High
U0060	Generic	Vehicle Communication Bus D (? Open
U0061	Generic	Vehicle Communication Bus D (? Low
U0062	Generic	Vehicle Communication Bus D (? High

U0063	Generic	Vehicle Communication Bus D (? shorted to Bus D (+)
U0064	Generic	Vehicle Communication Bus E
U0065	Generic	Vehicle Communication Bus E Performance
U0066	Generic	Vehicle Communication Bus E (+) Open
U0067	Generic	Vehicle Communication Bus E (+) Low
U0068	Generic	Vehicle Communication Bus E (+) High
U0069	Generic	Vehicle Communication Bus E (? Open
U0070	Generic	Vehicle Communication Bus E (? Low
U0071	Generic	Vehicle Communication Bus E (? High
U0072	Generic	Vehicle Communication Bus E (? shorted to Bus E (+)
U0073	Generic	Control Module Communication Bus Off
U0074	Generic	Network Electrical - Reserved by Document 1
U0075	Generic	Network Electrical - Reserved by Document 2
U0076	Generic	Network Electrical - Reserved by Document 3
U0077	Generic	Network Electrical - Reserved by Document 4
U0078	Generic	Network Electrical - Reserved by Document 5
U0079	Generic	Network Electrical - Reserved by Document 6
U0080	Generic	Network Electrical - Reserved by Document 7
U0081	Generic	Network Electrical - Reserved by Document 8
U0082	Generic	Network Electrical - Reserved by Document 9
U0083	Generic	Network Electrical - Reserved by Document 10
U0084	Generic	Network Electrical - Reserved by Document 11
U0085	Generic	Network Electrical - Reserved by Document 12
U0086	Generic	Network Electrical - Reserved by Document 13
U0087	Generic	Network Electrical - Reserved by Document 14
U0088	Generic	Network Electrical - Reserved by Document 15
U0089	Generic	Network Electrical - Reserved by Document 16

U0090	Generic	Network Electrical - Reserved by Document 17
U0091	Generic	Network Electrical - Reserved by Document 18
U0092	Generic	Network Electrical - Reserved by Document 19
U0093	Generic	Network Electrical - Reserved by Document 20
U0094	Generic	Network Electrical - Reserved by Document 21
U0095	Generic	Network Electrical - Reserved by Document 22
U0096	Generic	Network Electrical - Reserved by Document 23
U0097	Generic	Network Electrical - Reserved by Document 24
U0098	Generic	Network Electrical - Reserved by Document 25
U0099	Generic	Network Electrical - Reserved by Document 26
U0100	Chrysler	No Communication with the Engine Controller (CAN)
U0100	Generic	Lost Communication With ECM/PCM 揂?nbsp;
U0101	Generic	Lost Communication with TCM
U0102	Generic	Lost Communication with Transfer Case Control Module
U0103	Generic	Lost Communication With Gear Shift Module
U0104	Generic	Lost Communication With Cruise Control Module
U0105	Generic	Lost Communication With Fuel Injector Control Module
U0106	Generic	Lost Communication With Glow Plug Control Module
U0107	Generic	Lost Communication With Throttle Actuator Control Module
U0108	Generic	Lost Communication With Alternative Fuel Control Module
U0109	Generic	Lost Communication With Fuel Pump Control Module
U0110	Generic	Lost Communication With Drive Motor Control Module
U0111	Generic	Lost Communication With Battery Energy Control Module "A"
U0112	Generic	Lost Communication With Battery Energy Control Module "B"
U0113	Generic	Lost Communication With Emissions Critical Control Information
U0114	Generic	Lost Communication With Four-Wheel Drive Clutch Control Module
U0115	Generic	Lost Communication With ECM/PCM 揧?nbsp;

U0116	Generic	Lost Communication With Coolant Temperature Control Module
U0117	Generic	Lost Communication With Electrical PTO Control Module
U0118	Generic	Lost Communication With Fuel Additive Control Module
U0119	Generic	Lost Communication With Fuel Cell Control Module
U0120	Generic	Lost Communication With Starter/Generator Control Module
U0121	Chrysler	No communication with the ABS (CAN)
U0121	Generic	Lost Communication With Anti-Lock Brake System (ABS) Control Module
U0121	Chrysler	No communication with the ABS (CAN)
U0121	Generic	Lost Communication With Anti-Lock Brake System (ABS) Control Module
U0122	Generic	Lost Communication With Vehicle Dynamics Control Module
U0123	Generic	Lost Communication With Yaw Rate Sensor Module
U0124	Generic	Lost Communication With Lateral Acceleration Sensor Module
U0125	Generic	Lost Communication With Multi-axis Acceleration Sensor Module
U0126	Generic	Lost Communication With Steering Angle Sensor Module
U0127	Generic	Lost Communication With Tire Pressure Monitor Module
U0128	Generic	Lost Communication With Park Brake Control Module
U0129	Generic	Lost Communication With Brake System Control Module
U0130	Generic	Lost Communication With Steering Effort Control Module
U0131	Generic	Lost Communication With Power Steering Control Module
U0132	Generic	Lost Communication With Ride Level Control Module
U0133	Generic	Lost Communication With Active Roll Control Module
U0134	Generic	Lost Communication With Power Steering Control Module - Rear
U0135	Generic	Lost Communication With Differential Control Module - Front
U0136	Generic	Lost Communication With Differential Control Module - Rear
U0137	Generic	Lost Communication With Trailer Brake Control Module
U0138	Generic	Lost Communication With All Terrain Control Module
U0139	Generic	Network Communication - Reserved by Document 13

U0140	Generic	Lost Communication With Body Control Module
U0141	Chrysler	No communication with the FCM (CAN)
U0141	Generic	Lost Communication With Body Control Module "A"
U0142	Generic	Lost Communication With Body Control Module "B"
U0143	Generic	Lost Communication With Body Control Module "C"
U0144	Generic	Lost Communication With Body Control Module "D"
U0145	Generic	Lost Communication With Body Control Module "E"
U0146	Generic	Lost Communication With Gateway "A"
U0147	Generic	Lost Communication With Gateway "B"
U0148	Generic	Lost Communication With Gateway "C"
U0149	Generic	Lost Communication With Gateway "D"
U0150	Generic	Lost Communication With Gateway "E"
U0151	Generic	Lost Communication With Restraints Control Module
U0152	Generic	Lost Communication With Side Restraints Control Module Left
U0153	Generic	Lost Communication With Side Restraints Control Module Right
U0154	Generic	Lost Communication With Restraints Occupant Sensing Control Module
U0155	Generic	Lost Communication With Instrument Panel Cluster (IPC) Control Module
U0156	Generic	Lost Communication With Information Center "A"
U0157	Generic	Lost Communication With Information Center "B"
U0158	Generic	Lost Communication With Head Up Display
U0159	Generic	Lost Communication With Parking Assist Control Module
U0160	Generic	Lost Communication With Audible Alert Control Module
U0161	Generic	Lost Communication With Compass Module
U0162	Generic	Lost Communication With Navigation Display Module
U0163	Generic	Lost Communication With Navigation Control Module
U0164	Generic	Lost Communication With HVAC Control Module
U0165	Generic	Lost Communication With HVAC Control Module Rear

U0166	Generic	Lost Communication With Auxiliary Heater Control Module
U0177	Generic	Lost Communication With "Restraints System Sensor H"
U0178	Generic	Lost Communication With "Restraints System Sensor I"
U0179	Generic	Lost Communication With "Restraints System Sensor J"
U0180	Generic	Lost Communication With Automatic Lighting Control Module
U0181	Generic	Lost Communication With Headlamp Leveling Control Module
U0182	Generic	Lost Communication With Lighting Control Module Front
U0183	Generic	Lost Communication With Lighting Control Module Rear
U0184	Generic	Lost Communication With Radio
U0185	Generic	Lost Communication With Antenna Control Module
U0186	Generic	Lost Communication With Audio Amplifier
U0187	Generic	Lost Communication With Digital Disc Player/Changer Module "A"
U0188	Generic	Lost Communication With Digital Disc Player/Changer Module "B"
U0189	Generic	Lost Communication With Digital Disc Player/Changer Module "C"
U0190	Generic	Lost Communication With Digital Disc Player/Changer Module "D"
U0191	Generic	Lost Communication With Television
U0192	Generic	Lost Communication With Personal Computer
U0193	Generic	Lost Communication With "Digital Audio Control Module A"
U0194	Generic	Lost Communication With "Digital Audio Control Module “B”
U0195	Generic	Lost Communication With Subscription Entertainment Receiver Module
U0196	Generic	Lost Communication With Rear Seat Entertainment Control Module
U0197	Generic	Lost Communication With Telephone Control Module
U0198	Generic	Lost Communication With Telematic Control Module
U0199	Generic	Lost Communication With "Door Control Module A"
U0200	Generic	Lost Communication With "Door Control Module B"
U0201	Generic	Lost Communication With "Door Control Module C"
U0202	Generic	Lost Communication With "Door Control Module D"

U0203	Generic	Lost Communication With "Door Control Module E"
U0204	Generic	Lost Communication With "Door Control Module F"
U0205	Generic	Lost Communication With "Door Control Module G"
U0206	Generic	Lost Communication With Folding Top Control Module
U0207	Generic	Lost Communication With Moveable Roof Control Module
U0208	Generic	Lost Communication With "Seat Control Module A"
U0209	Generic	Lost Communication With "Seat Control Module B"
U0210	Generic	Lost Communication With "Seat Control Module C"
U0211	Generic	Lost Communication With "Seat Control Module D"
U0212	Generic	Lost Communication With Steering Column Control Module
U0213	Generic	Lost Communication With Mirror Control Module
U0214	Generic	Lost Communication With Remote Function Actuation
U0215	Generic	Lost Communication With "Door Switch A"
U0216	Generic	Lost Communication With "Door Switch B"
U0217	Generic	Lost Communication With "Door Switch C"
U0218	Generic	Lost Communication With "Door Switch D"
U0219	Generic	Lost Communication With "Door Switch E"
U0220	Generic	Lost Communication With "Door Switch F"
U0221	Generic	Lost Communication With "Door Switch G"
U0222	Generic	Lost Communication With "Door Window Motor A"
U0223	Generic	Lost Communication With "Door Window Motor B"
U0224	Generic	Lost Communication With "Door Window Motor C"
U0225	Generic	Lost Communication With "Door Window Motor D"
U0226	Generic	Lost Communication With "Door Window Motor E"
U0227	Generic	Lost Communication With "Door Window Motor F"
U0228	Generic	Lost Communication With "Door Window Motor G"
U0229	Generic	Lost Communication With Heated Steering Wheel Module

U0230	Generic	Lost Communication With Rear Gate Module
U0231	Generic	Lost Communication With Rain Sensing Module
U0232	Generic	Lost Communication With Side Obstacle Detection Control Module Left
U0233	Generic	Lost Communication With Side Obstacle Detection Control Module Right
U0234	Generic	Lost Communication With Convenience Recall Module
U0235	Generic	Lost Communication With Cruise Control Front Distance Range Sensor
U0236	Generic	Lost Communication With Column Lock Module
U0237	Generic	Lost Communication With Digital Audio Control Module "C"
U0238	Generic	Lost Communication With Digital Audio Control Module "D"
U0239	Generic	Lost Communication With Entrapment Control Module "A"
U0240	Generic	Lost Communication With Entrapment Control Module "B"
U0241	Generic	Lost Communication With Headlamp Control Module "A"
U0242	Generic	Lost Communication With Headlamp Control Module "B"
U0243	Generic	Lost Communication With Parking Assist Control Module "B"
U0244	Generic	Lost Communication With Running Board Control Module "A"
U0245	Generic	Lost Communication With Entertainment Control Module - Front
U0246	Generic	Lost Communication With Seat Control Module "E"
U0247	Generic	Lost Communication With Seat Control Module "F"
U0248	Generic	Lost Communication With Remote Accessory Module
U0249	Generic	Lost Communication With Entertainment Control Module - Rear "B"
U0250	Generic	Lost Communication With Impact Classification System Module
U0251	Generic	Lost Communication With Running Board Control Module "B"
U0291	Generic	Lost Communication With Gear Shift Module "B"
U0292	Generic	Lost Communicatio With Drive Motor Control Module "B"
U0293	Generic	Lost Communication Hybrid Powertrain Control Module
U0294	Generic	Lost Communication Powertrain Control Monitor Module
U0295	Generic	Lost Communication AC to AC Converter Control Module

U0296	Generic	Lost Communication AC to DC Converter Control Module "A"
U0297	Generic	Lost Communication AC to DC Converter Control Module "B"
U0298	Generic	Lost Communication DC to DC Converter Control Module "A"
U0299	Generic	Lost Communication DC to DC Converter Control Module "B"
U0300	Generic	Internal Control Module Software Incompatibility
U0301	Generic	Software Incompatibility with ECM/PCM
U0302	Generic	Software Incompatibility with Transmission Control Module
U0303	Generic	Software Incompatibility with Transfer Case Control Module
U0304	Generic	Software Incompatibility with Gear Shift Control Module
U0305	Generic	Software Incompatibility with Cruise Control Module
U0306	Generic	Software Incompatibility with Fuel Injector Control Module
U0307	Generic	Software Incompatibility with Glow Plug Control Module
U0308	Generic	Software Incompatibility with Throttle Actuator Control Module
U0309	Generic	Software Incompatibility with Alternative Fuel Control Module
U0310	Generic	Software Incompatibility with Fuel Pump Control Module
U0311	Generic	Software Incompatibility with Drive Motor Control Module
U0312	Generic	Software Incompatibility with Battery Energy Control Module A
U0313	Generic	Software Incompatibility with Battery Energy Control Module B
U0314	Generic	Software Incompatibility with Four-Wheel Drive Clutch Control Module
U0315	Generic	Software Incompatibility with Anti-Lock Brake System Control Module
U0316	Generic	Software Incompatibility with Vehicle Dynamics Control Module
U0317	Generic	Software Incompatibility with Park Brake Control Module
U0318	Generic	Software Incompatibility with Brake System Control Module
U0319	Generic	Software Incompatibility with Steering Effort Control Module
U0320	Generic	Software Incompatibility with Power Steering Control Module
U0321	Generic	Software Incompatibility with Ride Level Control Module
U0322	Generic	Software Incompatibility with Body Control Module

U0323	Generic	Software Incompatibility with Instrument Panel Control Module
U0324	Generic	Software Incompatibility with HVAC Control Module
U0325	Generic	Software Incompatibility with Auxiliary Heater Control Module
U0326	Generic	Software Incompatibility with Vehicle Immobilizer Control Module
U0327	Generic	Software Incompatibility with Vehicle Security Control Module
U0328	Generic	Software Incompatibility with Steering Angle Sensor Module
U0329	Generic	Software Incompatibility with Steering Column Control Module
U0330	Generic	Software Incompatibility with Tire Pressure Monitor Module
U0331	Generic	Software Incompatibility with Body Control Module "A"
U0332	Generic	Software Incompatibility with Multi-axis Acceleration Sensor Module
U0400	Generic	Invalid Data Received
U0401	Generic	Invalid Data Received From ECM/PCM
U0402	Generic	Invalid Data Received From Transmission Control Module
U0403	Generic	Invalid Data Received From Transfer Case Control Module
U0404	Generic	Invalid Data Received From Gear Shift Control Module
U0405	Generic	Invalid Data Received From Cruise Control Module
U0406	Generic	Invalid Data Received From Fuel Injector Control Module
U0407	Generic	Invalid Data Received From Glow Plug Control Module
U0408	Generic	Invalid Data Received From Throttle Actuator Control Module
U0409	Generic	Invalid Data Received From Alternative Fuel Control Module
U0410	Generic	Invalid Data Received From Fuel Pump Control Module
U0411	Generic	Invalid Data Received From Drive Motor Control Module
U0412	Generic	Invalid Data Received From Battery Energy Control Module A
U0413	Generic	Invalid Data Received From Battery Energy Control Module B
U0414	Generic	Invalid Data Received From Four-Wheel Drive Clutch Control Module
U0415	Generic	Invalid Data Received From Anti-Lock Brake System Control Module
U0416	Generic	Invalid Data Received From Vehicle Dynamics Control Module

U0417	Generic	Invalid Data Received From Park Brake Control Module
U0418	Generic	Invalid Data Received From Brake System Control Module
U0419	Generic	Invalid Data Received From Steering Effort Control Module
U0420	Generic	Invalid Data Received From Power Steering Control Module
U0421	Generic	Invalid Data Received From Ride Level Control Module
U0422	Generic	Invalid Data Received From Body Control Module
U0423	Generic	Invalid Data Received From Instrument Panel Control Module
U0424	Generic	Invalid Data Received From HVAC Control Module
U0425	Generic	Invalid Data Received From Auxiliary Heater Control Module
U0426	Generic	Invalid Data Received From Vehicle Immobilizer Control Module
U0427	Generic	Invalid Data Received From Vehicle Security Control Module
U0428	Generic	Invalid Data Received From Steering Angle Sensor Module
U0429	Generic	Invalid Data Received From Steering Column Control Module
U0430	Generic	Invalid Data Received From Tire Pressure Monitor Module
U0431	Generic	Invalid Data Received From Body Control Module "A"
U0432	Generic	Invalid Data Received From Multi-axis Acceleration Sensor Module
U0433	Generic	Invalid Data Received From Cruise Control Front Distance Range Sensor

6. Warranty and Service

6.1 limited One Year Warranty

AUTOSCAN warrants to its customers that this product will be free from all defects in materials and workmanship for a period of one (1) year from the date of the original purchase, subject to the following terms and conditions:

1. The sole responsibility of AUTOSCAN under the Warranty is limited

to either the repair or, at the option of AUTOSCAN, replacement of the auto scanner at no charge with Proof of Purchase. The sales receipt may be used for this purpose.

2. This warranty does not apply to damages caused by improper use, accident, flood, lightning , or if the product was altered or repaired by anyone other than the Manufacturer's Service Center.
3. AUTOSCAN shall not be liable for any incidental or consequential damages arising from the use, misuse, or mounting of the auto scanner. Some states do not allow limitations on how ling an implied warranty lasts, so the above limitations may not apply to you.

6.2 Service Procedures

If you have any questions, please contact our local store.

If it becomes necessary to return the auto scanner for repair, contact your local distributor for more information.