Diagnostic Trouble Code (DTC) Definitions

DTC	Definitions
P1651	Power Steering Pressure (PSP) switch input malfunction
P1701	Reverse engagement error
P1703	Brake On / Off (BOO) switch out of Self-Test range
P1705	Transmission Range (TR) Sensor out of Self-Test range
P1709	Park or Neutral Position (PNP) switch is not indicating neutral during KOEO Self-Test
P1711	Transmission Fluid Temperature (TFT) sensor out of Self-Test range
P1728	Transmission slip fault
P1729	4x4 Low switch error
P1741	Torque Converter Clutch (TCC) control error
P1742	Torque Converter Clutch (TCC) solenoid failed on (turns on MIL)
P1743	Torque Converter Clutch (TCC) solenoid failed on (turns on TCIL)
P1744	Torque Converter Clutch (TCC) system mechanically stuck in off position
P1746	Electronic Pressure Control (EPC) solenoid open circuit (low input)
P1747	Electronic Pressure Control (EPC) solenoid short circuit (high input)
P1749	Electronic Pressure Control (EPC) solenoid failed low
P1751	Shift Solenoid # 1 (SS1) performance
P1754	Coast Clutch Solenoid (CCS) circuit malfunction
P1756	Shift Solenoid #2 (SS2) performance
P1761	Shift Solenoid #3 (SS3) performance
P1780	Transmission Control switch (TCS) circuit out of Self-Test range
P1781	4x4 Low switch out of Self-Test range
P1783	Transmission overtemperature condition
P1788	3-2 Timing / Coast Clutch Solenoid (3-2 / CCS) circuit open
P 1789	3-2 Timing / Coast Clutch Solenoid (3-2 / CCS) circuit shorted
U1021	SCP indicating the lack of Air Condition (A/C) clutch status response
U1039	SCP indicating the vehicle speed signal missing or incorrect
U1051	SCP indicating the brake switch signal missing or incorrect
U1073	SCP indicating the lack of engine coolant fan status response
U1131	SCP indicating the lack of Fuel Pump status response
U1135	SCP indicating the ignition switch signal missing or incorrect
U1256	SCP indicating a communications error
U1451	Lack of response from Passive Anti-Theft system (PATS) module - engine disabled

Diagnostic Trouble Code Definitions

Chilton Automotive Books, The Nichols/Chilton, Chilton

Diagnostic Trouble Code Definitions:

Diagnostic Trouble Code Definitions Vehicle E E System Diagnostic Standards Committee, 2016 This document supersedes SAE J2012 DEC2007 and is technically equivalent to ISO 15031 6 2010 with the exceptions described in 1 2 This document is intended to define the standardized Diagnostic Trouble Codes DTC that On Board Diagnostic OBD systems in vehicles are required to report when malfunctions are detected SAE J2012 may also be used for decoding of enhanced diagnostic DTCs and specifies the ranges reserved for vehicle manufacturer specific usage This document includes aDiagnostic Trouble Code format bA description of the standardized set of Diagnostic Trouble Codes and descriptions contained in SAE J2012DA The two most significant bytes of a DTC may be decoded according to two different lists DTC Format Identifier 0x00 and 0x04 cA description of the standardized set of Diagnostic Trouble Codes subtypes known as Failure Types contained in SAE J2012 DA applies only when three byte DTCs are used As DTC usage has increased with the introduction of new technology to vehicle systems hybrid diesel etc it has become necessary to restructure the document to accommodate these changes This restructuring includes the removal of Table Titles and DTCs will no longer be grouped by functional areas Also being updated are the usage notes to provide further guidance in the usage of DTCs with the new technology i e smart sensors and actuators **Recommended Practice for Diagnostic Trouble Code Definitions** Recommended Practice for Diagnostic Trouble Code Definitions Vehicle E E Society of Automotive Engineers, 1999 System Diagnostic Standards Committee, 1999 This SAE Recommended Practice is applicable to all light duty and medium duty passenger vehicles and trucks with feedback fuel control system Specific applications of this document include diagnostic service and repair manuals repair databases and off board readout devices This document focuses on a diagnostic code format and code messages for automotive electronic control systems. The use and appropriate updating of this document is strongly encouraged however this document does not prohibit the use of additional codes for additional diagnostics

Recommended Practice for Diagnostic Trouble Code Definitions Society of Automotive Engineers, 1994
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Diagnostic Standards Committee, 2002 This SAE Recommended Practice supersedes SAE J2012 MAR1999 and is technically equivalent to ISO DIS 15031 6 April 30 2002 This document is intended to define the standardized Diagnostic Trouble Codes
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Information in the excel spreadsheet will be updated severaltimes annually and the spreadsheet includes a column headingdenoting which DTC have been updated in the current version The SAE J2012 task force has added hundreds of new DTCs based on advancing technology in ground vehicles **How To Use Automotive Diagnostic Scanners** Tracy Martin.2015-08-01 From hand held dedicated units to software that turns PCs and Palm Pilots into powerful diagnostic scanners auto enthusiasts today have a variety of methods available to make use of on board diagnostic systems And not only can they be used to diagnose operational faults they can be used as low budget data acquistion systems and dynamometers so you can maximize your vehicle s performance Beginning with why scanners are needed to work effectively on modern cars this book teaches you how to choose the right scanner for your application how to use the tool and what each code means How To Use Automotive Diagnostic Scanners is illustrated with photos and diagrams to help you understand OBD I and OBD II systems including CAN and the scanners that read the information they record Also included is a comprehensive list of codes and what they mean From catalytic converters and O2 sensors to emissions and automotive detective work this is the complete reference for keeping your vehicle EPA compliant and on the road Diagnostic Trouble Code Definitions Equivalent to ISO/DIS 15031-6: April 30, 2002 Society of Automotive Engineers, 2002 Federal Register ,2006-08

Automotive Engine Performance Nicholas Goodnight, Kirk Van Gelder, 2019-02-20 Automotive Engine Performance published as part of the CDX Master Automotive Technician Series provides technicians in training with a detailed overview of modern engine technologies and diagnostic strategies Taking a strategy based diagnostic approach it helps students master the skills needed to diagnose and resolve customer concerns correctly on the first attempt Students will gain an understanding of current diagnostic tools and advanced performance systems as they prepare to service the engines of Engine Code Manual Chilton Automotive Books, The Nichols/Chilton, Chilton, 1995 The complete manual for tomorrow understanding engine codes troubleshooting basic maintenance and more Code of Federal Regulations, Title 40, Protection of Environment, Pt. 86 (Sec. 86.600-1-End), Revised as of July 1, 2006, 2006-10-24 The Code of Federal Regulations is a codification of the general and permanent rules published in the Federal Register by the Executive departments and agencies of the United States Federal Government Code of Federal Regulations, Title 40, Protection of Environment, Pt. 81-85, Revised as of July 1, 2006, 2006-09-15 The Code of Federal Regulations is a codification of the general and permanent rules published in the Federal Register by the Executive departments and agencies of the United States Federal Government Code of Federal Regulations, Title 40, Protection of Environment, PT. 85-86, Revised as of July 1, 2014 U S Office of the Federal Register, 2014-11-20 The Code of Federal Regulations is a codification of the general and permanent rules published in the Federal Register by the Executive departments and agencies of the United States Federal Government Automotive Electronics Handbook Ronald K. Jurgen, 1999 This second edition of the widely sold title contains new and updated chapters on areas such as safety features It also includes new

sections on adding electronic intelligence to automotive features Official Journal of the European Communities, 1997

Code of Federal Regulations Office of the Federal Register (U.S.) Staff, U.S. Office of the Federal Register, 2011-10-17

Chilton's Engine Electronic Control Manual 1978-87, 1987 Protection of Environment, 2009-10-27 Code

of Federal Regulations 2007, 2007-10 The Code of Federal Regulations is a codification of the general and permanent rules published in the Federal Register by the Executive departments and agencies of the United States Federal Government

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