GM OBD I DIAGNOSTIC CODES DESCRIPTION

Engine Coolant Temperature (ECT) Sensor Circuit - low temperature

Throttle Position (TP) Sensor Circuit - signal voltage high

Throttle Position (TP) Sensor Circuit - signal voltage low

Intake Air Temperature (IAT) Sensor Circuit - low temperature

Intake Air Temperature (IAT) Sensor Circuit - high temperature

Manifold Absolute Pressure (MAP) Sensor Circuit - signal voltage high

Manifold Absolute Pressure (MAP) Sensor Circuit - signal voltage low

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System Voltage High

Camshaft Position Sensor Circuit Error

Intermittent 7X Reference Signal

Vehicle Speed Sensor (VSS) Circuit

Turbo Wastegate Overboost - 2.0L VIN M

Mass Air Flow Sensor Circuit - high frequency

Mass Air Flow Sensor Circuit - low frequency

Ignition Control (IC) Timing Circuit Error (3100 VIN M)

Ignition Control 24X Signal Circuit Error

Knock Sensor (KS) circuit - spark timing

Exhaust Gas Recirculation (EGR) Valve

Quad - Driver (QDM) Circuit

PRNOL Error

Idle Speed Error

TCC Brake Switch Error

Torque Converter Clutch Circuit

Brake Switch Circuit

1X Reference Circuit

Quad - Driver Module (QDM1) Quad - Driver Module (QDM2)

- DTC
- - Oxygen Sensor (O2s) Circuit open circuit
- Engine Coolant Temperature (ECT) Sensor Circuit high temperature 43 14

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EPROM Error

Battery Voltage Error

Fuel Pump Circuit

Fuel Lean Monitor

Loss of Serial Data

Fuel Injector Circuit - low current

Digital EGR #1 Solenoid Error

Digital EGR #2 Solenoid Error

Digital EGR #2 Solenoid Error

Transaxle Fluid Overtemo

Analog/Digital Error

EEPROM Error

TCC Error

Transaxle Component Error

Trans System Voltage Low

Invalid PCM Program Invalid PCM Program

Ignition Control 3X Signal Error

EPROM Error - faulty or incorrect calibration

- - Ignition Control (IC) Bypass Error (3100 VIN M)
 - Knock Sensor (KS) circuit spark control
 - Oxygen Sensor (O2s) Circuit lean exhaust indicated
 - Oxygen Sensor (O2s) Circuit rich exhaust indicated
 - Power Steering Pressure Switch Circuit

Transaxle Fluid Temperature (TFT) Sensor - high temperature

Transaxle Fluid Temperature (TFT) Sensor - low temperature

Vehicle Speed Sensor (VSS) Circuit - signal error (3100 VIN M)

A/C Refrigerant Pressure Sensor Circuit - low pressure

A/C Refrigerant Pressure Sensor Circuit - high pressure

DESCRIPTION

Obdfault Codes Reference Guide

Greg Barnett

Obdfault Codes Reference Guide:

OBD2 Automotive Code Encyclopedia and Cross Reference Guide Mandy Concepcion, Includes pressure voltage current volumes OBD 2 code definitions code setting criteria Cover 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 User's Guide to MOBILE5, 1994

Ubiquitous Convergence Technology Frank Stajano, 2007-04-24 This book constitutes the thoroughly refereed postproceedings of the First International Conference on Ubiquitous Convergence Technology ICUCT 2006 held in Jeju Island Korea in December 2006 The 29 revised full papers presented together with one keynote paper cover multimedia applications mobile wireless and ad hoc networking smart sensors and sensor networks privacy and security as well as Web based simulation for natural systems **Data Acquisition from HD Vehicles Using [1939 CAN Bus** Richard Walter, Eric Walter, 2016-07-14 Modern vehicles have electronic control units ECUs to control various subsystems such as the engine brakes steering air conditioning and infotainment These ECUs or simply controllers are networked together to share information and output directly measured and calculated data to each other This in vehicle network is a data goldmine for improved maintenance measuring vehicle performance and its subsystems fleet management warranty and legal issues reliability durability and accident reconstruction The focus of Data Acquisition from HD Vehicles Using J1939 CAN Bus is to guide the reader on how to acquire and correctly interpret data from the in vehicle network of heavy duty HD vehicles The reader will learn how to convert messages to scaled engineering parameters and how to determine the available parameters on HD vehicles along with their accuracy and update rate Written by two specialists in this field Richard Rick P Walter and Eric P Walter principals at HEM Data located in the United States the book provides a unique road map for the data acquisition user The authors give a clear and concise description of the CAN protocol plus a review of all 19 parts of the SAE International J1939 standard family Pertinent standards are illuminated with tables graphs and examples Practical applications covered are calculating fuel economy duty cycle analysis and capturing intermittent faults A comparison is made of various diagnostic approaches including OBD II HD OBD and World Wide Harmonized WWH OBD Data Acquisition from

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