

DIAGNOSTIC / ERROR CODE IDENTIFICATION CHART

Diagnostic Code	Error Code	Description	Symptom	Possible Cause	Engine Starts
-	12	Crankshaft Sensor	No signal from the crankshaft sensor	Crankshaft sensor open or short circuit Pickup rotor Wire harness ECU Incorrectly installed sensor	No
D03	13	Intake Pressure Sensor	Abnormal intake pressure values	Intake pressure sensor open or short circuit ECU Wire harness Incorrectly installed sensor	Yes
D05	22	Intake Air Temperature Sensor	No signal from temperature sensor	Intake air temperature sensor open or short circuit ECU Wire harness Incorrectly installed sensor	Yes
D11	28	Engine Temperature Sensor	Abnormal engine temperature values	Engine temperature sensor open or short circuit ECU Wire harness Incorrectly installed sensor	Yes
D30	33	Ignition System	No ignition or spark	Ignition coil open or short circuit ECU Wire harness Incorrectly installed ignition coil	No
D36	39	Fuel Injector	No fuel injection	Fuel injector open or short circuit ECU Wire harness Incorrectly installed fuel injector	No
-	43	Fuel System Power Supply	Abnormal system voltage	Fuel injector Fuel pump VM relay Clogged filter or fuel line ECU Wire harness Low battery charge	Yes
D60	44	EPROM Write Error	Failure to write EPROM	ECU	Yes
-	45	Stuck VM Relay	VM relay is stuck closed	VM relay	Yes
-	46	Vehicle Power Supply	Voltage to fuel injector is abnormal	Low battery charge Wire harness Charging system	Yes
-	50	ECU Internal Failure	Faulty ECU memory	ECU	No
-	59	Accelerator Switch	Abnormal accelerator switch	Accelerator switch is open or short circuit Wire harness	No
-	89	Engine Overheating	High engine temperatures	Engine cooling fins plugged Cooling fan Engine ducting	Yes

Fault Codes For Toyota Efi Engines

J. Jones,J. Burdess,J.N. Fawcett



Fault Codes For Toyota Efi Engines:

Vehicle Electronic Systems and Fault Diagnosis J. Jones,J. Burdess,J.N. Fawcett,2013-10-18 This book gives a sufficient grounding in mechanics for engineers to tackle a significant range of problems encountered in the design and specification of simple structures and machines It also provides an excellent background for students wishing to progress to more advanced studies in three dimensional mechanics Engine Code Manual Chilton Automotive Books,The Nichols/Chilton,Chilton,1995

The complete manual for understanding engine codes troubleshooting basic maintenance and more Vehicle Electronic Systems and Fault Diagnosis Allan Bonnick,2014-06-11 The average car now contains much more electronic circuitry than would have been the case even five years ago This leaves many technicians struggling to keep up with current developments in the repair and maintenance of these electronic systems Often texts covering vehicle electronics dwell on unnecessary maths and general electronics principles This practical guide discusses electronics only within the context of the vehicle system under consideration and thus keeps theory to a minimum Using numerous diagrams photographs and step by step instructions this book gives a clear description of vehicle electronic systems and fault diagnosos and than continues on to the testing and repair of these systems Regular reviews and summaries help consolidate learning and make this book ideal for workshop and classroom use

Automotive Computer Controlled Systems Allan Bonnick,2007-08-15 Automotive Computer Controlled Systems explains the fundamental principles of engineering that lie behind the operation of vehicle electronic systems Having obtained this knowledge the reader will be able to make full use of the diagnostic equipment which is currently available The book builds on the concepts contained in Vehicle Electronic Systems and Fault Diagnosis and gives clear steps to fault diagnosis and subsequent repair of the vehicle s electronic systems The author discusses electronics only within the context of the vehicle systems under consideration and thus keeps theory to a minimum Allan Bonnick has written articles for several transport vehicle journals and carries out consultancy work for the Institute of Road Transport Engineers In addition he has had many years teaching experience and is ideally placed to write this informative guide

Chilton's Toyota Trucks, 1970-88 Repair Manual Chilton Automotive Books,The Nichols/Chilton,Chilton,1994 Covers all models of Pick Up Land Cruiser and 4Runner 2 and 4 wheel drive gasoline and diesel engines *Chilton's Import Car Repair Manual, 1986 ,1985* 1983 Imported Cars & Trucks Tune-up Mechanical Service & Repair Mitchell Manuals, inc,1984

Popular Mechanics ,1992-11 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it s practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle **Smog Check Diagnostic and Repair Manual** ,1990 *Technical Support to the National Highway Traffic Safety Administration (NHTSA) on the Reported Toyota Motor Corporation (TMC) Unintended Acceleration (UA) Investigation ,* *Auto Fuel and Emission Control Systems* James E. Duffy,Howard Bud Smith,1992 Toyota Pick-ups & 4-runner Automotive Repair Manual John B.

Raffa, Larry Warren, John Harold Haynes, 1995 **Chilton's Import Auto Service Manual**, 2000 Contains general information for technicians on the specifications MIL resetting and DTC retrieval accessory drive belts timing belts brakes oxygen sensors electric cooling fans and heater cores of twenty one types of import cars **How to Tune and Modify Engine Management Systems** Jeff Hartman, 2004-02-13 Drawing on a wealth of knowledge and experience and a background of more than 1 000 magazine articles on the subject engine control expert Jeff Hartman explains everything from the basics of engine management to the building of complicated project cars Hartman has substantially updated the material from his 1993 MBI book Fuel Injection 0 879387 43 2 to address the incredible developments in automotive fuel injection technology from the past decade including the multitude of import cars that are the subject of so much hot rodding today Hartman s text is extremely detailed and logically arranged to help readers better understand this complex topic

Advanced Automobile Engine Performance James D. Halderman, Chase D. Mitchell, Jr., Corey W. Glassman, 1997-11 Based on the premise that simple problems should always be checked first this practical hands on book introduces the diagnosis and troubleshooting of automotive engine control systems Toyota Camry 1983-88 Chilton Book Company, 1989 You paid a lot for your car Let Chilton help you to maintain its value Complete chapter on owner maintenance Expanded index to help you find whatever you want FAST All charts up to date with every year of coverage Every subject completely covered in one place where you can find it FAST 16 pages of color on fuel economy body repair maintenance and MUCH MORE Automobile Electrical and Electronic Systems Tom Denton, 2000 With increasing use being made of electronics and electronic control systems in vehicles students and engineers alike must keep abreast of advancing technology This new edition of the classic Automobile Electrical Electronic Systems is essential reading for students of vehicle electronics who wish to gain a thorough understanding of the subject In addition the text not only covers the basic electrical principles but is also suitable for more advanced study at HNC D level In the 2nd edition of this successful text the author has added new topics such as system fault diagnosis simulation programs and useful Internet contacts The text has been completely updated throughout and the addition of an advanced topic at the end of each section will appeal to students wishing to tackle the subject in more depth Covers topics relevant to City Guilds and NVQ students of vehicle electronics courses Has been revised to cover the most up to date areas such as system faults and diagnosis simulation programs and Internet contacts Includes advanced sections at the end of each chapter incorporates detailed case studies and has its own website at www.automotive-technology.co.uk **Chilton Book Company Repair Manual**, 1991 **Automotive Computer Systems: Shop manual** Don Knowles, Jack Erjavec, 1996 **Automotive Computers and Digital Instrumentation** Robert N. Brady, 1988

Whispering the Techniques of Language: An Emotional Quest through **Fault Codes For Toyota Efi Engines**

In a digitally-driven earth where displays reign great and quick interaction drowns out the subtleties of language, the profound secrets and mental nuances concealed within phrases often move unheard. However, situated within the pages of **Fault Codes For Toyota Efi Engines** a charming fictional treasure blinking with organic emotions, lies an extraordinary journey waiting to be undertaken. Penned by a skilled wordsmith, that charming opus attracts readers on an introspective trip, gently unraveling the veiled truths and profound influence resonating within the material of every word. Within the mental depths of this poignant evaluation, we can embark upon a sincere exploration of the book's primary themes, dissect their captivating publishing style, and fail to the effective resonance it evokes serious within the recesses of readers' hearts.

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