

Code	Test Condition*	Probable Cause
158	O, R, C	Mass Air Flow Sensor above maximum voltage
159	O, R	Mass Air Flow Sensor out of self-test range
167	R	Insufficient Throttle Position Sensor change during Dynamic Response Check
171	C	Heated oxygen sensor unable to switch, right side
172	R, C	Heated oxygen sensor indicates lean condition, right side
173	R, C	Heated oxygen sensor indicates rich condition, right side
174	C	Heated oxygen sensor switching slow, right side
175	C	Heated oxygen sensor unable to switch, left side
176	C	Heated oxygen sensor indicates lean condition, left side
177	C	Heated oxygen sensor indicates rich condition, left side
178	C	Heated oxygen sensor switching slow, left side
179	C	Adaptive Fuel lean limit reached at part throttle, system rich, right side
181	C	Adaptive Fuel rich limit reached at part throttle, right side
184	C	Mass Air Flow higher than expected
185	C	Mass Air Flow lower than expected
186	C	Injector Pulse-width higher than expected
187	C	Injector Pulse-width lower than expected
188	C	Adaptive Fuel lean limit reached, left side
189	C	Adaptive Fuel rich limit reached, left side
191	C	Adaptive Fuel lean limit reached at idle, left side
192	C	Adaptive Fuel rich limit reached at idle, left side
193	O	Flexible Fuel (FF) sensor circuit failure
211	C	Profile Ignition Pick-up circuit fault
212	C	Ignition module circuit failure/SPOUT circuit grounded
213	R	SPOUT circuit open
214	C	Cylinder identification (CID) circuit failure
215	C	PCM detected coil 1 primary circuit failure
216	C	PCM detected coil 2 primary circuit failure
217	C	PCM detected coil 3 primary circuit failure
218	C	Loss of Ignition diagnostic monitor (IDM) signal - left side
219	C	Spark timing defaulted to -10 degrees SPOUT circuit open
221	C	Spark timing error
222	C	Loss of Ignition diagnostic monitor (IDM) signal - right side
223	C	Loss of dual plug inhibit (DPI) control
224	C	PCM detected coil 1,2,3 or 4 primary circuit failure
225	C	Knock sensor not detected during dynamic response test KOER
226	O	Ignition Diagnostic Module (IDM) signal not received
232	C	PCM detected coil 1,2,3 or 4 primary circuit failure
235	C	PCM detected coil 4 primary circuit failure
241	C	IDM to PCM - IDM pulse width transmission error
244	R	CID circuit fault present when cylinder balance test requested
311	R	AIR system inoperative during KOER (Bank number 1 with dual heated oxygen sensors)
312	R	AIR misdirected during KOER
313	R	AIR not bypassed during KOER
314	R	AIR system inoperative during KOER (Bank number 2 with dual heated oxygen sensors)
326	C, R	EGR (PFE/DPFE) circuit voltage lower than expected
327	O, C, R	EGR (EGR/IEVP/PFE/DPFE) circuit below minimum voltage
328	O, C, R	EGR valve position sensor voltage below closed limit
332	C, R	Insufficient EGR valve opening detected
334	O, C, R	EGR valve position sensor voltage above closed limit
335	O	EGR Sensor voltage out-of-range
336	R	EGR (PFE/DPFE) circuit higher than expected
337	O, C, R	EGR (EGR/IEVP/PFE/DPFE) circuit above maximum voltage
338	R	ECT lower than expected
339	R	ECT higher than expected

O = Key On, Engine Off; C = Continuous Memory; R = Engine Running

Ford Mustang Error Codes

Mike Mueller

A red circular graphic with a gradient, appearing as a stylized arrow or a light effect, positioned to the right of the author's name.

Ford Mustang Error Codes:

Fatal Accident Reporting System (FARS) Data Enhancement P. Dougan,1980 **The Official Ford Mustang 5.0** Al Kirschenbaum,2000 The essential Mustang resource for rebuilding researching restoring and upgrading 1979 through 1993 V 8 models including GT LX Cobra Cobra R police cars and limited editions **1969 Ford Mustang Mach 1** Mike Mueller,2018 By the time the 1969 model year rolled around it was well established that muscle cars were fast and plentiful Every manufacturer had at least one corner of the showroom where the go fast guys could congregate and discuss the merits and time slips of the latest performance offerings Competition being what it was the manufacturers were looking for ways to entice potential buyers to choose their product over ever increasing offerings from the competition Some manufacturers tried to accomplish this with affordable prices some tried fancy marketing schemes and some created a look and a style that screamed performance even when standing still The 1969 Mach I was Ford s attempt to create a package and a style to match the performance of its recently released and very potent 428 ci Cobra Jet engine package Displacing the still available but more conservative GT trim the Mach I included unique and innovative graphics and mechanical innovations including shaker hood scoops dual racing mirrors deluxe interiors competition suspension dual chrome exhaust tips and blacked out hoods The result was a wildly popular model that sold more than 70 000 units compared to slightly more than 5 000 GT models for the year Each volume in the In Detail Series provides an introduction and historical overview an explanation of the design and concepts involved in creating the car a look at marketing and promotion an in depth study of all hardware and available options and an examination of where the car is on the market today Also included are paint and option codes VIN and build tag decoders as well as production numbers **How to Swap Ford Modular Engines into Mustangs, Torinos and More** Dave Stribling,2017-03-15 The Ford modular engine is a popular swap for 1964 1 2 1973 Mustangs Fox Body Mustangs trucks hot rods and other muscle cars because these high tech engines provide exceptional performance and improved economy compared to their dated counterparts Found in Mustangs and other Fords since the 1990s installing a modular motor in a classic Ford infuses new technology and all the benefits that come with it into a classic car Modular engines feature an overhead cam design that has massive horsepower potential and are offered in 4 6 5 0 5 2 5 4 and 5 8 liter iterations These high tech 2 3 and 4 valve engines are readily available as a crate engine from salvage yards and in running cars This engine design has a large physical footprint and swapping the engine requires a thorough plan using the proper tools and facilities Author Dave Stribling specializes in modular engine swaps and expertly guides you through each crucial step of the engine transplant process Because of the large physical size many components such as brake boosters steering rods and boxes and other underhood components may need repositioning or modification to co exist in the engine bay Stribling covers motor mount selection and fabrication suspension and chassis modifications aftermarket suspension options firewall and transmission tunnel modifications engine management and wiring procedures fuel systems exhaust systems

electrical mods and upgrades and much more Many older Ford muscle and performance cars are prime candidates for a modular swap however shock towers protrude into the engine bay of these cars so modifications are necessary to fit the engine into the car which is also covered here Swapping the engine and transmission into a muscle car or truck requires specialized processes and this insightful explanatory and detailed instruction is found only in this book If you are considering swapping one of these high tech engines into a non original chassis this book is a vital component to the process p p1 margin

0 0px 0 0px 0 0px 0 0px font 12 0px Arial **Forensic Engineering Investigation** Randall K. Noon,2000-10-25 Forensic Engineering Investigation is a compendium of the investigative methodologies used by engineers and scientific investigators to evaluate some of the more common types of failures and catastrophic events In essence the book provides analyses and methods for determining how an entity was damaged and when that damage may have legal consequen *Popular Mechanics* ,1986-03 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 **Library of Congress Subject Headings** Library of Congress. Office for Subject Cataloging Policy,1991 Library of Congress Subject Headings Library of Congress,1991 Popular Mechanics ,1994-09 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 **Popular Mechanics** ,1996-05 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 **The Cumulative Book Index** ,1983 A world list of books in the English language *Library of Congress Catalog* Library of Congress,1973 Beginning with 1953 entries for Motion pictures and filmstrips Music and phonorecords form separate parts of the Library of Congress catalogue Entries for Maps and atlases were issued separately 1953 1955 **21st Century Manufacturing** Paul Kenneth Wright,2001 Written in a conversational style this book explores today s technologies and the future of manufacturing through details of the product design process rapid prototyping a survey of manufacturing techniques relevant to today s production of consumer electronics or electromechanical devices and the field of Biotechnology It gives readers a broader appreciation of the impact of manufacturing process and not just manufacturing per se A overview of the broader issues includes the time to market development of a new product launching products into the marketplace quality control and the impact of technology on the next generation of products Chapter topics cover manufacturing analysis product design computer aided design and solid modeling solid freeform fabrication and rapid prototyping semiconductor manufacturing computer manufacturing metal products manufacturing plastics products manufacturing and system assembly and

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Unveiling the Energy of Verbal Art: An Psychological Sojourn through **Ford Mustang Error Codes**

In a world inundated with monitors and the cacophony of instantaneous interaction, the profound power and psychological resonance of verbal artistry frequently diminish into obscurity, eclipsed by the continuous barrage of sound and distractions. However, situated within the musical pages of **Ford Mustang Error Codes**, a interesting perform of fictional beauty that impulses with organic thoughts, lies an unforgettable trip waiting to be embarked upon. Written with a virtuoso wordsmith, that magical opus instructions visitors on a mental odyssey, gently revealing the latent potential and profound influence stuck within the complicated web of language. Within the heart-wrenching expanse with this evocative analysis, we will embark upon an introspective exploration of the book is main subjects, dissect their charming publishing design, and immerse ourselves in the indelible effect it leaves upon the depths of readers souls.

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