

2003 Mach 1 Mustang Engine

Of the legendary names in the history of the Ford Mustang, one stands apart: Boss. Originally created to homologate the new Boss 302 engine for SCCA Trans-Am racing, the Boss 302 Mustang was built in limited numbers for the street. Designed by legend Larry Shinoda, the Boss cars were easily distinguished from their less potent stable mates by their unique front and rear spoilers, rear window slats, and the omission of the standard Mustang's (fake) rear fender brake ducts. Also standard was a shaker hood scoop and bold graphics. Though Mustang performance faded to all-time lows as the 1970s rolled on, there was good news on the way. The pairing of the venerable 302 Windsor engine with the new Fox-body platform for the 1979 Mustang might not have seemed significant at the time, but it was the first edition of what would become a performance institution in the late 20th century: the 5-liter Mustang was an overwhelming force on the streets and tracks through the end of its production in 1995. With no small amount of fanfare, Ford is paying homage to its performance past with the re-introduction of the 5.0 liter powerplant in the

Mustang GT for 2011.

The All-American Muscle Car celebrates the fifty-year history of the breed through stunning modern and archival photography, head-to-head shootouts between the cars, past and present, and brilliant essays from today's top muscle-car writers.

J. Frank Dobie's history of the "mustang" from the Spanish meste_a, an animal belonging to (but strayed from) the Mesta, a medieval association of Spanish farmers tells of its impact on the Spanish, English, and Native cultures of the West.

p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Arial} Without question, the 1964-1/2 Mustang is one of the most important and influential cars in automotive history. When Ford launched the Mustang, it created an automotive revolution. Award-winning designer and stylist Gale Halderman was at the epicenter of the action at Ford, and, in fact, his initial design sketch formed the basis of the new Mustang. He reveals his involvement in the project as well as telling the entire story of the design and development of the Mustang. Authors and Mustang enthusiasts James Dinsmore and James Halderman go beyond the front doors at Ford into the design center,

testing grounds, and Ford facilities to get the real, unvarnished story. Gale Halderman offers a unique behind-the-scenes perspective and firsthand account of the inception, design, development, and production of the original Mustang. With stinging losses from the Edsel fresh in minds at Ford, the Mustang project was an uphill battle from day one. Lee Iacocca and his assembled team had a herculean task to convince Henry Ford II to take a risk on a new concept of automobile, but with the help of Hal Sperlich's detailed market research, the project received the green light. Henry Ford II made it clear that jobs were on the line, including Iacocca's, if it failed. The process of taking a car from sketch to clay model to prototype to preproduction and finally finished model is retraced in insightful detail. During the process, many fascinating experimental cars, such as the Mustang I two-seater, Mustang II prototype, Mustang Allegro, and Shorty, were built. But eventually the Mustang, based on the existing Ford Falcon, received the nod for final production. In a gala event, it was unveiled at the 1964 World's Fair in New York. The Mustang received public accolades and critical acclaim, and soon it became a runaway hit. After the initial success, Ford designers and

Gale Halderman designed and developed the first fastback Mustangs to compliment the coupes. The classic Mustang muscle cars to follow, including the GT, Mach 1, and others, are profiled as well. The Mustang changed automotive history and ushered in the pony car era as a nimble, powerful, and elegantly styled sports coupe. But it could so easily have stumbled and wound up on the scrap pile of failed new projects. This is the remarkable and dramatic story of how the Mustang came to life, the demanding design and development process, and, ultimately, the triumph of the iconic American car.

Motor City Muscle

How to Build Max Performance 4.6 Liter Ford Engines

Ford Mustang Red Book 1964 1/2-2015

50 Years

America's Original Pony Car

Ultimate American V-8 Engine Data Book, 2nd Edition

New Cars & Trucks Prices & Reviews For more than 36 years, millions of consumers have turned to Edmunds' price guides for their car shopping needs. Edmunds' New Cars & Trucks guides include up-to-date dealer invoice and MSRP pricing

for all new vehicles, reviews on more than 230 models and buying advice to help you make informed decisions on your new car or truck purchase.

Since 1991, the popular and highly modifiable Ford 4.6-liter has become a modern-day V-8 phenomenon, powering everything from Ford Mustangs to hand-built hot rods and the 5.4-liter has powered trucks, SUVs, the Shelby GT500, and more. The wildly popular 4.6-liter has created an industry unto itself with a huge supply of aftermarket high-performance parts, machine services, and accessories. Its design delivers exceptional potential, flexibility, and reliability. The 4.6-liter can be built to produce 300 hp up to 2,000 hp, and in turn, it has become a favorite among rebuilders, racers, and high-performance enthusiasts.

4.6-/5.4-Liter Ford Engines: How to Rebuild expertly guides you through each step of rebuilding a 4.6-liter as well as a 5.4-liter engine, providing essential information and insightful detail. This volume delivers the complete nuts-and-bolts rebuild story, so the enthusiast can

professionally rebuild an engine at home and achieve the desired performance goals. In addition, it contains a retrospective of the engine family, essential identification information, and component differences between engines made at Romeo and Windsor factories for identifying your engine and selecting the right parts. It also covers how to properly plan a 4.6-/5.4-liter build-up and choose the best equipment for your engine's particular application. As with all Workbench Series books, this book is packed with detailed photos and comprehensive captions, where you are guided step by step through the disassembly, machine work, assembly, start-up, break-in, and tuning procedures for all iterations of the 4.6-/5.4-liter engines, including 2-valve and 3-valve SOHC and the 4-valve DOHC versions. It also includes an easy-to-reference spec chart and suppliers guide so you find the right equipment for your particular build up.

Engineer + Enthusiast = Excitement
Building the 2001 Bullitt
and 2003/04 Mach 1 Mustangs

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Explores the evolution of three generations of Mustang Bullitt feature cars and their link to the 1968 Mustang fastback from the movie "Bullitt". Provides a detailed look at the Bullitt DNA in relation to styling and performance and how owners responded to each generation upon their release. Also examines the serialization and customization that make these unique feature cars more personalized expressions of owner enthusiasm. Featuring stories and photos from those involved in the creation of each model and owners who so passionately love these cool cars, "Mustang Bullitt Generations" celebrates a worldwide phenomenon of cool.

The All-American Muscle Car

How to Build Cobra Kit Cars + Buying Used

Ford Mustang 2015

A Retrospective of Three Cool Ford Motor Company Feature Cars

Mustang 1979-2004 Buyer's Guide

Edmunds.com New Cars & Trucks Buyer's Guide 2003

Read Book 2003 Mach 1 Mustang Engine

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. This is the high-performance tale of what was undoubtedly the fastest, loosest era in automotive history. Through the 1960s and into the 1970s, America's carmakers fought an unbridled war for street supremacy. The warriors ranged from light and agile Z/28 Camaros and Boss 302 Mustangs to big-block brutes like the 440 Road Runner and Stage I 455 Buick GS. A few of these boulevard brawlers were closing on 500 horsepower before the insurance lobby, Ralph Nader, OPEC, and various governmental agencies conspired to stop the madness. Muscle cars all but disappeared by 1974, with only a few anemic models soldiering through the 1980s. But by the 1990s, thanks to vastly improved engine technology, muscle cars were back with a vengeance. Motor City Muscle traces the full history right up to today's new Mustang, Camaro, and Challenger.

This is the story of how Scott T. Hoag, former Team Mustang

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Customization Manager, marshaled resources within the Ford Motor Company to produce two legendary nameplates, the 2001 Bullitt and 2003/04 Mach 1 Mustangs. This narrative represents the passion, vision, and focus that a long-time enthusiast engineer brought to the table. The end results are two special feature cars that gained strong followings among the Ford Mustang faithful.

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

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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

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component to the process. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px;
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4.6L & 5.4L Ford Engines

A New Breed of Pony Car

Gale Halderman and the Creation of Ford's Iconic Pony Car

Engineer + Enthusiast = Excitement

Mustang Boss 302

The High-Powered History of the American Musclecar

Provides a buyer's guide for the Ford Mustang. This book includes chapters on engine, drivetrain, bodywork, interior, and detailing. It also includes a CD-ROM with photographs from the author's personal collection of Ford Mustang photographs.

Explains what a muscle car is, and provides a history of the cars and introduces the culture that surrounds them.

The Shelby Cobra is one of the most legendary sports cars in automotive history. Only about 1,000 of the original Cobras were ever built, and many enthusiasts wanted to own and drive one of these ultimate sports cars yet could not afford to. Author Steve Magnante is well known for his encyclopedia-like knowledge of automotive facts. The details he regularly shares, both in the pages of national magazines and as a contributing host and tech expert at the popular Barrett-Jackson Auctions on television, are the kinds of details that car fanatics love to

hear. Many feel that these facts are among the highlights of television auction coverage, much more interesting than the final hammer price. Steve turns his attention to the most popular car in history, the Ford Mustang. In more than 50 years, the Mustang has taken many turns, from the original pony car, to variants that are best described as pure muscle cars, to the misunderstood Mustang II, to the Fox-Body platform that revived the brand, all the way to the modern Coyote- and Voodoo-powered supercars. Magnante covers them all here, generation by generation, so that Mustang fans of any generation are sure to love this collection. Whether you're an avid fan of all Mustangs, a trivia buff who wants to stump your friends, or have a particular affinity for a particular era of Mustangs, this book is an informative and entertaining collection of facts from one of the industry's most beloved and respected sources. Add this copy to your collection today.

The Complete Book of Ford Mustang

The New Generation

Mustang 2005

Steve Magnante's 1001 Mustang Facts

How to Rebuild - Revised Edition

Specifications, Options, Production Numbers, Data Codes, and More

Get an up-close-and-personal view of Ford's most beloved car, sure to please any Mustang fan. The Ford Mustang is America's most iconic

muscle car. With over 50 years of production and some 10 million cars built, the brand is recognized and admired worldwide. This lavishly illustrated book, full of gorgeous studio photography, walks the reader through more than 50 years of Mustang history, focusing on the most interesting and popular models. From the first six-cylindere Mustang of 1964-1/2 through the heavy metal Boss and Mach 1 versions to today's all-new 2015 Mustang, Art of the Mustang is a detailed visual overview of Mustang's greatest hits, including anniversary and pace cars, high-performance models, SVO specials, and Shelby's high-profile offerings. Photographer Tom Loeser's stunning "light-painted" images are given context by informative text hitting the high points of each featured car, while period ads and brochures help round out the story. It's the closest, clearest look you can get of these ponies without seeing them in person.

For 50 years, Mustang has remained Ford's most distinctive and emotional presence on the streets and byways of America. To coincide with the legendary pony car's anniversary in 2014, Ford has developed an all-new sixth generation. Ford Mustang 2015 celebrates this iconic muscle car with this gorgeous large format calendar. A

must-have for any Mustang enthusiast who wants to enjoy the original pony car every month.

The 2005 Mustang, to be released by Ford forty years after the original Mustang, will be both a departure and a return to tradition, as Ford steps away from the aging Fox chassis for its flagship car, yet brings back styling cues from the most popular Mustangs of the past. Ford found inspiration for the new Mustang from its 1967 Fastback model. The 2005 retro-look pony car will include a 4.6-liter, V-8 engine with 300 horsepower — the highest horsepower of any previously built Mustang. This book traces the new Mustang's evolution from the drawing board to the production line to the street. A photographic celebration of the new car, this book delivers the inside story behind the rejuvenation of one of the most storied cars in automotive history. A must-read for any Mustang fanatic or muscle-car fan - the comprehensive guide to Ford's all-new, sixth-generation pony car.

**Ford Mustang Buyer's & Restoration Guide, 1964 1/2 -2007
Iron Fist, Lead Foot: John Coletti and Ford's "Terminator"
Every Model Since 1964-1/2
Art of the Mustang**

Mustang by Design

More Than 500 Models Including Shelys, Cobras, Twisters, Pace Cars, Saleens and more

Muscle cars are loud, proud, and in your face, with no other pretensions than to be just that. They may be simple, even crude, but for roaring, pumping, tire-smoking standing starts, they are the business. Muscle cars are a quintessentially North American phenomenon, owing their outrageous existence to a very simple formula. Take a mid-sized American sedan, nothing too complicated, upmarket, or fancy, then add the biggest, raunchiest V8 that it is possible to squeeze under the hood, and there it is! Pontiac was first, with the legendary GT0, then Ford invented a new class of car with the the pony car, the Mustang, then every other American manufacturer got in on the act, producing the legendary Hemi, Camaro, Firebird and Trans-Am, among many others. This book covers them all, as well as all the excitement of Trans-Am/NASCAR racing. Muscle cars are loud, proud and in your face, with no other pretensions than to be just that. They may be simple, even crude, but for roaring, pumping, tire-smoking standing starts, they are the business. To

the youth culture of America, raised on drag racing, red-light street racing and hot-rodding, they are irresistible. The late 1960s was the heyday of the muscle car, before soaring accident rates and insurance premiums, tougher safety and emissions legislation, and finally an oil crisis, made excessive horsepower seem irresponsible. For a while, muscle cars faded from the scene, but in the 1980s they were beginning to creep back into favor, building to a full-blooded revival in the 1990s. They may be a little more efficient today, certainly more high-tech, but muscle cars are definitely back with a vengeance! When Ford rolled out the Mustang in April 1964 it was an instant hit. Even with its immense popularity it didn't stop Ford Corporate, zone managers, and dealerships from taking it an extra step further. Just two short months later, the first special-edition Mustang debuted at the Indianapolis 500 tasked with pacing the race, and it's been full throttle ever since. This book examines more than 300 special-edition Mustangs from 1964 through today. Coverage includes factory offerings such as the 2001 Bullitt and SVT Cobras, regional promotions including the Twister Special, third-party tuners such as Roush and

Saleen, and factory race cars including the 1968-1/2 Cobra Jets and the 2000 Cobra-R. You may find Mustangs in this book that you had no idea even existed! Never has a volume this detailed and with this many model Mustangs been offered published. The authors have taken their decades of research and logged them into a single compilation. Each Mustang is accompanied by production numbers, key features, and photos of surviving cars whenever possible. This book is sure to be a valued resource in your Mustang memorabilia collection! p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Arial}

To celebrate the car's 40th anniversary, Bowling presents a year-by-year pricing guide and coverage of technical specifications for all production Mustangs. Includes 500 spectacular full-color photos.

Ford Muscle Cars 2015 is the must-have collection of performance vehicles by America's original automaker. From the obvious Mustangs and Torino GTs to the more obscure Galaxies and race-ready Fairlanes, this large-format calendar celebrates the lineage of total performance that has inspired the entire class of vehicles known as muscle cars.

Muscle Cars

**The History, Design and Culture Behind Ford's Original Pony Car
Building the 2001 Bullitt and 2003/04 Mach 1 Mustangs**

Mustang Special Editions

The Ford Century

Speed Read Mustang

The Ford Boss Mustang is the most iconic pony car ever created, and this book covers it more extensively than any other. *Boss Mustang: 50 Years*—a fully expanded version of *Mustang Boss 302*—includes the complete history of its creation; racing and street histories of both the 302 and 429 models; and photos and interviews with Boss Mustang designers, engineers, racers, and more. Of all the legendary names in the history of the Ford Mustang, one stands apart: Boss. Originally created to homologate the new Boss 302 engine and option package for SCCA Trans-Am racing, the Mustang Boss 302 debuted for the 1969 model year and was built in limited numbers for the street through 1970. This book features never-before-seen production and racing photography, interviews with designers and engineers, and keen insight from author Donald Farr, a renowned Ford historian and Ford hall-of-fame inductee. Designed by the legendary Larry Shinoda, the Boss cars were easily distinguished from their less potent stablemates by their race-bred powerplant, standard front spoiler, and bold graphics. In 2012, Ford at long last revived this most revered of all Mustang models. With a new racing counterpart and a modern street version that delivers more than 440 horsepower, the Boss was truly back! In 2013, Ford rolled out the Boss one more time. In *Boss Mustang: 50 Years*, Mustang historian Donald Farr offers a complete history of the car—from its late 1960s origins in Ford's boardrooms through its Trans-Am

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successes and untimely demise in 1970, up to the conception and development of the spectacular, limited-edition 2012 and 2013 Boss Mustangs. Packed with brilliant photography and firsthand accounts from the people who created the original Boss, as well as the team that resurrected Ford's most iconic Mustang for the 21st century, this is the story every Mustang enthusiast has been waiting to read.

A factory supercharged Ford Mustang had long been on the wish list of muscle car fans, but it took the passion of a single man to make it happen: O. John Coletti. And that was one name in the Ford Motor Company phone book guaranteed to stir up differing opinions among the huge auto manufacturer's upper management. Maverick or visionary? Tyrant or leader? One thing was certain about the mercurial Coletti: he had an unswerving faith in the value of high performance. And after almost single-handedly rescuing the Ford Mustang from discontinuation via a covert, renegade program, Coletti rode his notoriety into his own throne within Ford. He would go on to be head of the elite Special Vehicle Team, but in late 2000, Coletti stretched the boundaries of his own legend, abruptly canceling the division's highly-anticipated 2002 Mustang Cobra while disrupting marketing plans and enraging SVT's network of dealers. This is the untold story of how Coletti's performance mandate led to the creation of a car known as the "Terminator", the 2003-4 Ford SVT Mustang Cobra. How did a major American auto manufacturer secretly create a vehicle that turned the performance world on its ear? Iron Fist, Lead Foot takes readers deep behind the scenes for the answers.

Since it first roared onto the scene in the 1960s, the Ford Mustang has been one of the most iconic American automobiles ever designed. The Mustang Dynasty presents the full story behind every model, from the original 1964 pony car to the heralded 2007 Shelby GT500 and beyond. In addition to 150 photographs, this exclusive package features 15 removable artifacts, including reproductions of a 1965 driver's manual, a 1979 Official Indy Pace Car bumper sticker, a 2003 Mach 1 logo patch, and a wide

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array of other Mustang treasures. With insider stories, detailed images, and authentic memorabilia, *The Mustang Dynasty* offers a vibrant tribute to an American classic.

Motorbooks' Speed Read series celebrates every aspect of the original pony car—the Ford Mustang—from the key people like Lee Iacocca and Carroll Shelby to the racing success to the cars themselves. Get a full look at every iconic Mustang model, from the first car to bear the name that became the fastest selling car of all time, to the astounding 526-horsepower supercar Mustang produces today. In sections divided by topic, you'll explore the design and launch of the first Mustang at the 1964 World's Fair; a history of every generation of Mustang; the various body styles, options, and accessories; a review of the performance models; a profile of Carroll Shelby and the Mustangs he designed; special editions, like the Sprint, ASC/McLaren, and police pursuit vehicles; and, of course, the Mustang's racing legacy. Each section ends with a glossary of related terms, and informational sidebars provide fun facts, historical tidbits, and mini-bios of key people in Mustang history. Sleek illustrations showcase Mustangs in their many forms. With Motorbooks' Speed Read series, become an instant expert in a range of fast-moving subjects, from Formula 1 racing to the Tour de France. Accessible language, compartmentalized sections, fact-filled sidebars, glossaries of key terms, and event timelines deliver quick access to insider knowledge. Their brightly colored covers, modern design, pop art-inspired illustrations, and handy size make them perfect on-the-go reads.

Muscle Cars: Style, Power, and Performance

The Mustangs

Mustang Forty Years

Consumers Index to Product Evaluations and Information Sources

16-Month Calendar September 2014 Through December 2015

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Standard Catalog of Mustang, 1964-2004

From the first six-cylindered Mustang in 1962, through world-beating Boss and Shelby models, to 2015's all-new Mustang, this book offers all the data and detail Mustang fans lust after.

Marking the centennial of the Ford Motor Company, this illustrated history of the company chronicles the various innovations, from the invention of the assembly line to the V-8 engine, that transformed modern transportation.

Haynes offers the best coverage for cars, trucks, vans, SUVs and motorcycles on the market today. Each manual contains easy to follow step-by-step instructions linked to hundreds of photographs and illustrations. Included in every manual: troubleshooting section to help identify specific problems; tips that give valuable short cuts to make the job easier and eliminate the need for special tools; notes, cautions and warnings for the home mechanic; color spark plug diagnosis and an easy to use index.

The Complete Book of Ford Mustang, 4th Edition details the development, technical specifications, and history of America's original pony car, now updated to cover cars through the 2021 model year.

1994 thru 2004

Covers All Mustangs 1964-1/2 to Present

Mustang : 1964 1/2-2003

Ford Mustang

Popular Mechanics

Ford's 4.6-liter-powered Mustang is the last remaining "classic"

muscle car in the world and is incredibly popular with performance enthusiasts. More than 1,000,000 Mustangs have been built since 1996. Covers all 4.6 and 5.4-liter "Modular" motors--Ford's only V8 engine for Mustangs, fullsize cars, and light trucks from 1996 to 2004. Over 60 of the hottest and most popular production, high-performance, and racing Mustangs are profiled in Ford Mustang. From the early coupes and GTs to today's newest Shelby, the fastest and most unique pony cars are included in this history of the Mustang nameplate. Profiles of cars from every generation, including the Boss 302s, Mach 1s, and more, include full-color detail and portrait photos, a short history of the car, performance specifications, and trivia. Whether you're a lifelong Mustang fan of just getting to know the great American performance machine, you'll enjoy the depth and variety of Ford Mustang.

Come along on Mustang's wild ride to automotive success. In the early 1960s, Lee Iacocca - then director of the Ford division at Ford Motor Company - convinced Henry Ford II to produce a sporty four-seat car aimed at the emerging youth market. That car, essentially a reconfigured and re-skinned Falcon economy car, became the Ford Mustang, and it changed the automotive world like no other car before or since. In Ford Mustang: America's Original Pony Car, acclaimed Mustang writer Donald Farr celebrates this unbroken lineage of

muscle. He chronicles the car's phenomenal first-year sales, the new pony car category it pioneered, and subsequent models that include the Mustang GT, Shelby GT350, Shelby GT500, Super Cobra Jet, Boss 302, and Boss 429 - all part of a line of American performance cars that continues to this day. Created in cooperation with Ford Motor Company and featuring some 400 photos from its historic and media archives, Ford Mustang is a must on the bookshelf of any muscle car or Ford aficionado.

Ford Muscle Cars 2015

Boss Mustang

Ford Motor Company and the Innovations that Shaped the World

Mustang

The Mustang Dynasty

The Birth, Death and Resurrection of Detroit's Greatest Performance Cars