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KEY=ENGINE - DURHAM DEVIN

High-Performance Chevy Small-Block Cylinder Heads

CarTech Inc **Any professional performance engine builder will likely tell you the most powerful and important component in an engine are cylinder heads. If you can afford to invest serious money in one component for a street engine, in most cases it should be a set of cylinder heads. While the small-block Chevy engine has been well-chronicled, specific in-depth information on this important component has been more elusive. This book shows you how to choose the best cylinder head for your application. It covers both Gen I and Gen II small-block Chevy versions, occasionally touching on the Gen III and Gen IV production versions. This book taps into some of the best small-block Chevy cylinder head resources this country has to offer with a combination of insight and best estimates, because much of what we know about port design and airflow management falls under the category of art rather than science. High-Performance Chevy Small-Block Cylinder Heads is designed exactly like its predecessor, High-Performance Chevy Small-Block Cams & Valvetrains, in that it starts with the basics and works into more in-depth concepts and variables in an attempt to uncover all those subtle nuances that make up the small-block Chevy. It features airflow basics, extensive flow bench tests (using the Superflow 600 bench), information on production and aftermarket heads, rebuilding and assembly,**

and basic porting techniques.

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The Chevrolet Racing Engine

Motorbooks International

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Power Secrets

Cartech Incorporated **Smokey Yunick's Power Secrets is a unique milestone from the acknowledged master of no-nonsense engine development. Henry "Smokey" Yunick is a living legend in racing circles, and in this book he explains race-engine preparation in the direct and unrelenting style that is his singular trademark. From carburetors to shop tools, Smokey tells it like it is. This book is a once-in-a-lifetime experience; a classic that you'll enjoy reading again and**

again.

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How to Build Max-Performance Chevy Small-Blocks on a Budget

CarTech Inc Renowned engine builder and technical writer David Vizard turns his attention to extracting serious horsepower from small-block Chevy engines while doing it on a budget. Included are details of the desirable factory part numbers, easy do-it-yourself cylinder head modifications, inexpensive but effective aftermarket parts, the best blocks, rotating assembly (cranks, rods, and pistons), camshaft selection, lubrication, induction, ignition, exhaust systems, and more.

Echoes of Norwood

General Motors Automobile Production During the Twentieth Century

"The book that goes inside a General Motors Corporation automotive assembly plant, all the way to the factory floor. Here is the story of the men and women of the Norwood Assembly Plant, all the way from the first car produced in 1923 to the 8 millionth and the last car off the line in 1987. From the 'B' body to the 'F' car in never before revealed photographs, production data, and personal recollections, all providing a rare glimpse into the inner workings of the

automotive industry during the halcyon era of domestic automotive production."--Back cover.

Best Damn Garage in Town

My Life & Adventures

Carbon Press **Smokey Yunick, the world's most famous mechanic, accomplished more in one life than most people could in five. He flew 50 missions as a B-17 pilot during WWII. He was an integral part of the birth of stock car racing and ran open wheel cars during the glory days of the Indy 500. He spent years in the jungles of Ecuador and held 10 patents. Smokey was concerned for the future so he developed more efficient and powerful engines for passenger cars and safer crash barriers for race tracks. These are the real stories of racing and everything automotive in America - told by someone who was there every step of the way!**

Ford 351 Cleveland Engines

How to Build for Max Performance

CarTech Inc **Ford's 351 Cleveland was designed to be a 'mid-sized' V-8 engine, and was developed for higher performance use upon its launch in late 1969 for the 1970 models. This unique design proved itself under the hood of Ford's Mustang, among other high performance cars. The Cleveland engine addressed the major shortcoming of the Windsor engines that preceded it, namely cylinder head air flow. The Windsor engines just couldn't be built at the time to compete effectively with the strongest GM and Mopar small blocks offerings, and the Cleveland engine was the answer to that problem. Unfortunately, the Cleveland engine was introduced at the end of Detroit's muscle car era, and the engine, in pure Cleveland form, was very short lived. It did continue on as a low compression passenger car and truck engine in the form of the 351M and 400M, which in their day, offered little in the way of excitement. Renewed enthusiasm in this engine has spawned an influx of top-quality new components that make building or modifying these engines affordable. This new book reviews the history and variations of the 351 Cleveland and Ford's related engines, the 351M and 400M. Basic dimensions and specifications of each engine, along with tips for**

identifying both design differences and casting number(s) are shown. In addition to this, each engine's strong points and areas of concern are described in detail. Written with high performance in mind, both traditional power tricks and methods to increase efficiency of these specific engines are shared. With the influx of aftermarket parts, especially excellent cylinder heads, the 351 Cleveland as well as the 351M and 400M cousins are now seen as great engines to build. This book will walk you through everything you need to know to build a great street or competition engine based in the 351 Cleveland platform.

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Chevrolet-racing?

Fourteen Years of Raucous Silence!, 1957-1970

McFarland First published in 1972, this book tells the story of how, between 1957 and 1970, Chevrolet gained vast technical knowledge and made numerous advances in the design of high-performance vehicles while never building a complete, race-ready car. It begins the story in 1953, the year the Corvette was in

How to Hotrod Small-Block Chevys

Penguin A guide to the building of high-performance Chevy engines ranging in size from two hundred sixty-five to four hundred cubic inches, including numerous photographs and information on stock and special parts

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Stock Car Racing Engine TechnologyHP1506

Advanced Engine Theory and Design for All Levels of Circle Track Racing

Penguin **Build smarter, race faster, win more.Covers topics such as airflow basics, cylinder head and fuel systems tech, blueprinting tips and techniques, camshaft theory, and selection.**

Chevy Big-Block Engine Parts Interchange

The Ultimate Guide to Sourcing and Selecting Compatible Factory Parts

CarTech Inc **The venerable Chevy big-block engines have proven themselves for more than half a century as the power plant of choice for incredible performance on the street and strip. They were innovators and dominators of the muscle car wars of the 1960s and featured a versatile design architecture that made them perfect for both cars and trucks alike. Throughout their impressive production run, the Chevy big-block engines underwent many generations of updates and improvements. Understanding which parts are compatible and work best for your specific project is**

fundamental to a successful and satisfying Chevy big-block engine build. In Chevy Big-Block Engine Parts Interchange, hundreds of factory part numbers, RPOs, and detailed color photos covering all generations of the Chevy big-block engine are included. Every component is detailed, from crankshafts and rods to cylinder heads and intakes. You'll learn what works, what doesn't, and how to swap components among different engine displacements and generations. This handy and informative reference manual lets you create entirely unique Chevy big-block engines with strokes, bores, and power outputs never seen in factory configurations. Also included is real-world expert guidance on aftermarket performance parts and even turnkey crate motors. It s a comprehensive guide for your period-correct restoration or performance build. John Baechtels brings his accumulated knowledge and experience of more than 34 years of high-performance engine and vehicle testing to this book. He details Chevy big-block engines and their various components like never before with definitive answers to tough interchange questions and clear instructions for tracking down rare parts. You will constantly reference the Chevy Big-Block Parts Interchange on excursions to scrap yards and swap meets, and certainly while building your own Chevy big-block engine.

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The last Shelby Cobra

My times with Carroll Shelby

Veloce Publishing Ltd Carroll Shelby, legendary driving ace, race team owner, and designer of Shelby Cobra, Daytona, and Mustang GT350 classics is revered by automotive enthusiasts, yet little has been written about the last quarter century of Carroll Shelby's life. During that time Chris Theodore, VP at Chrysler and Ford, developed a close personal friendship with Carroll. The Last Shelby Cobra chronicles the development of the many vehicles they worked on together (Viper, Ford GT, Shelby Cobra Concept, Shelby GR1, Shelby GT500 and others). It is an insider's story about

how Shelby came back to the Ford family, and the intrigue behind the five-year journey to get a Shelby badge on a Ford Production Vehicle. The author provides fresh insight and new stories into Shelby's larger-than-life personality, energy, interests and the many unpublished projects Carroll was involved with, up to his passing. Finally, the book describes their unfinished project, the Super Snake II Cobra, and the serendipitous circumstances that allowed to the author to acquire 'Daisy,' the last Shelby Cobra. To his many fans, Carroll Shelby was truly 'the most interesting man in the world.'

Black Noon: The Year They Stopped the Indy 500

Macmillan Winner of the 2014 Dean Batchelor Award, Motor Press Guild "Book of the Year" Before noon on May 30th, 1964, the Indy 500 was stopped for the first time in history by an accident. Seven cars had crashed in a fiery wreck, killing two drivers, and threatening the very future of the 500. Black Noon chronicles one of the darkest and most important days in auto-racing history. As rookie Dave MacDonald came out of the fourth turn and onto the front stretch at the end of the second lap, he found his rear-engine car lifted by the turbulence kicked up from two cars he was attempting to pass. With limited steering input, MacDonald lost control of his car and careened off the inside wall of the track, exploding into a huge fireball and sliding back into oncoming traffic. Closing fast was affable fan favorite Eddie Sachs. "The Clown Prince of Racing" hit MacDonald's sliding car broadside, setting off a second explosion that killed Sachs instantly. MacDonald, pulled from the wreckage, died two hours later. After the track was cleared and the race restarted, it was legend A. J. Foyt who raced to a decisive, if hollow, victory. Torn between elation and horror, Foyt, along with others, championed stricter safety regulations, including mandatory pit stops, limiting the amount a fuel a car could carry, and minimum-weight standards. In this tight, fast-paced narrative, Art Garner brings to life the bygone era when drivers lived hard, raced hard, and at times died hard. Drawing from interviews, Garner expertly reconstructs the fateful events and decisions leading up to the sport's blackest day, and the incriminating aftermath that forever altered the sport. Black Noon remembers the race that changed everything and the men that paved the way for the Golden Age of Indy car racing.

Inspired to Design

- F1 cars, Indycars & racing tyres: the autobiography of Nigel Bennett

Veloce Publishing Ltd **Nigel Bennett's unique autobiography describes his life and career, from growing-up influenced by car design, to his education and the building of his 750 specials. He describes his work as Firestone Development Manager, recounting many tales of the outstanding designers and drivers of the period. Detailing his work in Formula 1, as a Team Lotus engineer, and then as Team Ensign designer, he also covers his Indycar designs at Theodore, Lola Cars and Penske Cars. Life after his retirement, his involvement in boat design and with modern F1 teams, are also recounted.**

Don "The Snake" Prudhomme: My Life Beyond the 1320

CarTech Inc **Don "The Snake" Prudhomme reveals for the first time ever his incredible life and career on and off of the drag strip.**

Imagine spending a year with Don "The Snake" Prudhomme, having coffee together and talking about his life, his racing, his friends, and his family. He'd tell you about how he rose from being a high school drop-out who was painting cars to a respected Top Fuel dragster driver and successful businessman. You'd hear how he toured the country with Tommy Ivo and "The Hawaiian" Roland Leong, racing all the legends from "Big Daddy" Don Garlits to "The Golden Greek" [Chris] Karamesines. He'd say how he met Tom McEwen and recall how they became the Snake and the Mongoose, leading to a career in Funny Cars that netted him four championships in a row. He'd talk about the thrill of first wins and owning his own teams but also the struggles of bad seasons, crashes and fires, broken parts, and broken contracts. Along the way, he'd speak about the people in his life, such as engine-builder Keith Black and NHRA president Wally Parks, and those who were killed in the wild and unpredictable sport of nitro racing. It wouldn't be only racing, though. Prudhomme would share lessons he learned about business and life from such varied sources as a neighbor in Granada Hills to Ford GT40 driver Dan Gurney. He also would talk about the importance of family: how his wife, Lynn, and daughter, Donna, changed his world

and how finding out about his African-American roots opened his eyes to a culture and inheritance he'd always wanted. This is the experience you'll get in Don "The Snake" Prudhomme: My Life Beyond the 1320.

Four-stroke Performance Tuning

Cambridge University Press **This fully revised and updated edition is one of the most comprehensive references available to engine tuners and race engine builders. Bell covers all areas of engine operation, from air and fuel, through carburation, ignition, cylinders, camshafts and valves, exhaust systems and drive trains, to cooling and lubrication. Filled with new material on electronic fuel injection and computerised engine management systems. Every aspect of an engine's operation is explained and analyzed.**

The Cars of Trans-Am Racing: 1966-1972

CarTech Inc **The legendary history of the pony car wars comes to life in this softcover edition of The Cars of Trans-Am Racing. The SCCA Trans-Am Racing Series launched in 1966 and was designed to showcase a new class of sporty domestic cars racing on road courses. Each major automotive manufacturer participated heavily in the Trans-Am Series, and in a few short years, it became the ultimate American automobile showdown. When the modified muscle cars of the series were seen performing well on the country's finest tracks, fans wanted a model of their own in the driveway. These "pony cars" boasted a new look and style not seen before, and their all-around performance eclipsed anything accomplished by production-based American GT cars up to that point. This softcover edition of The Cars of Trans-Am Racing is unique in that it focuses on the cars used in this legendary series. These vintage Mustangs, Camaros, Challengers, Barracudas, Firebirds, Cougars, and Javelins all are extremely popular with collectors and enthusiasts today. Seeing them in their "full-competition" versions when they were new will bring back many fond memories for those who were fans of this series. In addition, enthusiasts who enjoy these cars today look to the Trans-Am Series cars for styling inspiration and performance hints as part of the growing Pro Touring trend. Many of these historic cars have been restored to race-ready condition. Additional insight and interviews from the original builders and the teams that maintained the cars provide an insider's viewpoint never before seen in print.**

Ford Cleveland 335-Series V8 Engine 1970 to 1982

Veloce Publishing Ltd Years of meticulous research have resulted in this unique history, technical appraisal (including tuning and motorsports) and data book of the Ford V8 Cleveland 335 engines produced in the USA, Canada and Australia, including input from the engineers involved in the design, development and subsequent manufacture of this highly prized engine from its inception in 1968 until production ceased in 1982.

Day One

An Automotive Journalist's Muscle-Car Memoir

Motorbooks International "Martyn L. Schorr recalls over fifty years of automotive memories, including work with Carroll Shelby, the Ford GT race program, and more"--

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The Early Laps of Stock Car Racing

A History of the Sport and Business through 1974

McFarland The first organized, sanctioned American stock car race took place in 1908 on a road course around Briarcliff, New York--staged by one of America's early speed mavens, William K. Vanderbilt, Jr. A veteran of the early Ormond-Daytona Beach speed trials, Vanderbilt brought the Grand Prize races to Savannah, Georgia, the same year. What

began as a rich man's sport eventually became the working man's sport, finding a home in the South with the infusion of moonshiners and their souped-up cars. Based in large part on statements of drivers, car owners and others garnered from archived newspaper articles, this history details the development of stock car racing into a megasport, chronicling each season through 1974. It examines the National Association for Stock Car Automobile Racing's 1948 incorporation documents and how they differ from the agreements adopted at NASCAR's organization meeting two months earlier. The meeting's participants soon realized that their sport was actually owned by William H.G. "Bill" France, and its consequential growth turned his family into billionaires. The book traces the transition from dirt to asphalt to superspeedways, the painfully slow advance of safety measures and the shadowy economics of the sport.

Stealing Speed

The Biggest Spy Scandal in Motorsport History

[Haynes Publishing UK](#) This is the compelling story of how one of Japan's biggest motorcycle manufacturers stole a Nazi rocket scientist's engine secrets from behind the Iron Curtain to conquer the world.

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How to Restore Your Camaro 1967-1969

CarTech Inc About 700,000 Camaros were built from 1967 to 1969. The first-generation Camaro has won a die-hard following and has become an iconic performance car. Camaros in excellent condition command very high prices, so many owners are compelled to perform a professional-grade original restoration. Since these cars are about 40 years old, many cars need second or third restorations, and as time goes by, these cars will continue to appreciate and require restoration. That's where How to Restore Your Camaro 1967-1969 comes in. While some owners can afford to pay shops to perform a 100-point restoration for show car competition, many owners want to perform a faithful, detailed restoration themselves, so the car maintains its collector value and use it as a fun weekend driver. This book will serve those owners. A lead title in our Restoration Series, How to Restore Your Camaro 1967-1969 will provide in-depth, hands-on information and photography for restoring these popular and historically significant cars. It covers all aspects of restoration, including engines and drivelines, bodywork, interior and trim, suspension, brakes, chassis, and steering for the first-generation Camaros. Organization and planning will be covered, so restorers can stay on task. Disassembly, inspection, and sourcing the best parts will also be covered. This volume will deliver a concise and revealing overview of each subject area and shows the most critical aspects of the restoration process with sequential step-by-step photos and detailed captions. The most efficient techniques and best products for returning each component to like-new condition will be covered. With this information, owners will be able to determine what's involved in each step of the restoration and decide whether to perform the work themselves or outsource it to a professional shop. Color step-by-step how-to information on Camaro restoration has never been offered in a package like this before. Finally, Camaro owners have the book they need.

Camaro

Five Generations of Performance

Motorbooks International A visual history of the Camaro traces Chevrolet's efforts to capture the 1960s youth market and compete with the Mustang, describing classic models including the IROC-Z while assessing the Camaro's influence on

car design and culture. Original.

Classic Stock Cars

1969-1970 Ford Mustang Boss 429

CarTech Inc **Not to be outdone by Chrysler, Ford had to build and field its own race-duty big-block to compete with the 426 Hemi in drag and stock car racing. In competition trim, the Boss 429 powered Ford and Mercury stock cars to victory in NASCAR and the Mustang to many wins in drag racing. With this exclusive racing pedigree, the Boss 429 is among the most valuable and rare Mustangs ever built. The project was the brainchild of Bunkie Knudsen, noted stylist Larry Shinoda, and other talented Ford personnel. The semi-hemi Boss 429 was so large, it couldn't fit in the small Mustang, so Kar-Kraft, a specialty car builder, had to shoehorn the engine into the compact Mustang fastback. Author Dan Burrill gives you the straight story on the Boss 429, its special equipment, 429 engine, 4-speed Toploader transmission, interior appointments, paint codes, and options. Also featured is the exciting story of developing this monumental engine, engineering the components and parts to fit the engine and chassis, and assembling the cars. 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. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Arial}**

Nitrous Oxide Performance Handbook

Corvette Grand Sport

Corvette Concept Cars

Developing America's Favorite Sports Car

CarTech Inc For more than a half century, the Corvette has been celebrated as “America’s sports car” by owners and enthusiasts. Since the first model rolled off the assembly line on June 29, 1953, it has been transformed time and again from a well-intentioned-but-underpowered boulevard cruiser into one of the most iconic sports cars of all time! How did Harley Earl’s original vision for a two-seat sports car progress through eight distinct generations to become the car that we know and love today? Who were the visionaries responsible for advancing its form and function over the last 70 years? Also, why has the Corvette continued to find commercial success in an ever-changing marketplace when so many other automobiles have come and gone since its creation? **Corvette Concept Cars: Developing America's Favorite Sports Car** answers these questions by delving into the origins of the Chevrolet Corvette and of the countless designers, engineers, drivers, and dreamers responsible for its creation. It explores the personal histories of Corvette’s greatest visionaries (Harley Earl, Zora Arkus-Duntov, and Bill Mitchell) and tells how each of their fates were indelibly intertwined with the rich (and sometimes volatile) history of Chevrolet’s flagship sports car. This book is an exploration of the Corvette concept cars from the earliest turnstile dream cars and purpose-built racers to the many unique mid-engined concept and research vehicles that preceded the creation of the current production model: the eighth-generation mid-engine Stingray. Painstakingly researched and written by Corvette historian Scott Kolecki and packed with more than 400 incredible photographs, **Corvette Concept Cars: Developing America’s Favorite Sports Car** is the quintessential history of the evolution of the Chevrolet Corvette!

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