

327 Engine Horsepower

Hundreds of photos, charts, and diagrams guide readers through the rebuilding process of their small-block Chevy engine. Each step, from disassembly and inspection through final assembly and tuning, is presented in an easy-to-read, user-friendly format.

This is a collection of how-to projects for Mustangs built from 1968-70. Includes advice on vintage air-conditioning, engine tech tips, interior restoration tips, ignition tech, 428 CJ carburetor rebuild, installing hood tachs, and more. The Complete Book of Corvette covers every production model and every year of Chevrolet's legendary performance car. Every Z06 and ZR-1, racers, prototypes, Indy pace cars--they're all here, including the stunning mid-engine 2020 Corvette Stingray. Every model year is presented with an insightful text, technical specifications, and beautiful photography culled from the author's own images and GM's photographic archives. With more than sixty years of production under its belt, the Corvette remains a world-class sports car offering a fascinating development story and a stellar competition record. The Complete Book of Corvette covers all eight generations, from the first six-cylinder model in 1953 to the all-conquering L88 of the 1960s to 21st century ZR1 and Z06 to today's tour de force mid-engine Stingray--the ultimate expression of Chevrolet's and Zora Arkus Duntov's vision. Prototypes, racers, one-offs, and specialty packages also get their due as do the designers and engineers behind the iconic Corvette. It's all here in the ultimate reference for all Corvette enthusiasts.

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

Step-by-step instructions for how to modify the General Motors Powerglide Transmission for drag racing, road racing, and circle track racing. Includes sections on theory of operation, transbrakes/valvebodies, adapters, disassembly, modifications, assembly, adjustments, installation, high horsepower applications, and torque converters.

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.

The small-block Chevy is widely known as the most popular engine of all time. Produced in staggering numbers and boasting huge aftermarket support, small blocks are the engine of choice for a large segment of the performance community. Originally published as two separate volumes, Small Block Chevy Performance 1955-1996 now covers the

latest information on all Gen I and Gen II Chevy small blocks, this time in one volume. This book continues to be the best power source book for small-block Chevy. The detailed text and photos deliver the best solutions for making your engine perform. Extensive chapters explain proven techniques for preparing blocks, crankshafts, connecting rods, pistons, cylinder heads, and much more. Other chapters include popular ignition, carburetor, camshaft, and valvetrain tips and tricks.

"Muscle Car Source Book is a muscle car buff's encyclopedia that chronicles the how's why's, and when's of American muscle car manufacturers like Dodge, Plymouth, Ford, and more"--

This completely revised and updated edition of HP's bestselling book on how to build high performance 5.0/5.8L Ford small-block engines-the second most popular engine modified in the aftermarket-contains five new chapters on the latest technology for modifying the cylinder block, heads, camshafts, valvetrain, exhaust systems, and more.

A guide to restoring and maintaining third-generation Corvettes offers comprehensive and photography-enhanced coverage of the full range of the C3's unique components, from engines and drivetrains to chassis and interiors. Original. Expertly rendered illustrations of fast, flashy, and powerful sports cars, among them the 1962 Ford Thunderbird, 1964 Corvette Stingray, 1968 Chevy Impala SS427, 1969 Camaro Z-28, 1970 Ford Torino Fastback, 1971 Mustang Boss 351, 1974 Firebird Trans-Am, and 37 others. For coloring book enthusiasts and "muscle car" fans.

p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Arial} After a brainstorming session, Pontiac executives and engineers decided to slot a 389-ci V-8 into the intermediate-sized Tempest against GM rules and the GTO was created. Little did they know what a profound impact that decision would make. The GTO would become a sensation and later was recognized as the first muscle car of the 1960s. Visionaries Pete Estes, John DeLorean, and other key Pontiac executives knew the youth market was waiting for a bold, lightweight sporty car. When their staff toyed with the concept of putting the large V-8 in the car, Pontiac executives jumped on the idea to meet that perceived market demand. Pontiac had a high-performance street car that could light up its tires and outperform the vast majority of the cars on the road. It also reshaped Pontiac's image of a company producing stodgy, lumbering full-size cars into a high-performance youth brand. Pontiac expert and long-time writer David Bonaskiewich delves deep into the GTO model and its history, bringing the equipment and options of this iconic muscle car into full focus. He reveals the hardware under the sheet metal: the V-8 engines, manual and automatic transmissions, rear differentials, interior options, color codes, and so much more. When the GTO was released in 1964, it was offered as a unique performance package to the Tempest, and high-performance enthusiasts stood up and took notice. Examined are the GTO's 4-barrel 389 with dual exhaust, 3-speed floor shifter, stiffer suspension, limited-slip differential, and heavy-duty cooling system. The 1965 GTO was restyled with more interior room being added, and the renowned 389 Tri-Power engine joined the lineup, cranking out 360 hp. By 1966, the GTO was a runaway success. Pontiac made the GTO its own model, and it featured a sleeker Coke-bottle styling. A convertible joined the hardtop, and a pillared coupe also joined the lineup. The 1967 Pontiac GTO was arguably one of most the superbly styled models ever, with a wide range of engines and high-performance hardware. All of these important upgrades, advancements, and model evolutions are covered in exceptional detail. The GTO stands alone in the annals for muscle car history. Not only did Pontiac create a classic muscle car, it created the muscle car blueprint

that other Detroit manufacturers followed in the years to come. A glossy surface overview of this iconic model does not do it justice. If you have been searching for the in-depth, nuts-and-bolts guide to GTO equipment and options, you need look no further. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Arial}

Introduced in 1964, Chevelle's popularity quickly catapulted it to the top of the horsepower heap. By 1968, Chevy's SS 396 was America's most popular musclecar.

Restoring your Chevy to original factory specs? Avoid buying and being sold the wrong parts. Find the casting numbers that correspond to your car's VIN. Determine whether your car has been authentically restored with this never-before seen information from the Chevrolet Archives. Essential for Chevrolet restorers.

Few muscle cars have ever enjoyed the long success over time as the Chevrolet Chevelle. From 1964 to 1972, more than 4 million Malibus, Chevelles, El Caminos, and Monte Carlos were produced in dozens of configurations. This creates countless questions when it's time to accurately restore a project car. With the Chevelle Data & ID Guide: 1964-1972, identifying the correct options and codes for your Chevelle becomes much, much easier. This book is a no-nonsense, hard-hitting data book that delivers all of the necessary information to correctly identify the numbers and options associated with your Chevelle. Production Numbers, VIN Decoding, Engine/Transmission/Rear Axle Codes, Interior Codes, Exterior Paint Codes, Color Combination Charts, and Full Options Lists are provided. It delivers a wealth of information in a single publication that will aid you in correctly restoring and authenticating your Chevelle. In addition, each chapter provides the information for you to determine whether or not your Chevelle is a factory SS model. With the Chevelle Data & ID Guide: 1964-1972 you have the missing tool needed to return your Chevelle project to its factory original condition.

On the 1957 auto show circuit, Chevrolet unveiled a show car based on its Corvette and dubbed it the "Super Sport." The performance car world took one look and never looked back. A combination of styling and performance upgrades, the SS package could turn something as mundane as a six-cylinder Malibu into the fire-breathing Chevelle SS396. This book traces the long line of legendary SS models, from Chevy's Super Sport version of its popular Impala, which marked the dawn of the muscle car era, to today's Impala SS. Featuring the work of acclaimed photo ace David Newhardt, Chevy SS: The Super Sport Story provides a close-up, detailed, full-color look at such classic muscle cars as the Chevelle, the El Camino, the Malibu, and the Monte Carlo as well as today's hot Camaro SS. The book is a fittingly elegant celebration of the cars that redefined "high performance" and defined an era.

Super Sport fans take note: The history you have been waiting for has finally been written. "Chevrolet SS" recounts the entire SS story from 1961 through the 1994-96 Impala SS. Chevy's SS package of the 1960s separated the musclecar pretenders from the real contenders. A dynamic selection of color and archival photographs along with detailed text highlights Chevelle, Camaro, Nova, Impala, Chevy II, Monte Carlo, and El Camino SS models.

This essential guide for owners of Chevy trucks built from 1955 through 1960 provides step-by-step instruction on frame and chassis cleaning, suspension rebuilding and upgrades, rebuilding steering, upgrading brakes to front discs, rebuilding the engine, cooling system upgrades, transmission choices, electrical rewiring, and much more.

Chevrolet's answer to Pontiac's GTO, the Chevelle was General Motors' muscle car for the masses. With an abundance of Chevelles today awaiting restoration, this Motorbooks Original Series title detailing factory-correct replacement parts is sure to prove extremely valuable to enthusiasts. The abundance of information—serial and engine numbers, paint codes, trim, options, and technical tips—featured here are

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essential to enthusiasts interested in achieving an authentic restoration. The author's expert advice is sure to help readers avoid the pitfalls that can often ruin an otherwise successful restoration. Lavishly illustrated with exclusive color photography to emphasize all of the information described.

Here are the swift and stylish automobiles of any car-lover's dreams. Get behind the wheel of one hundred classic vehicles, including:

- Classic 1950s models — including the 1955 Pontiac Starchief convertible, 1955 Mercury Montclair hardtop, 1957 Chevrolet Bel Air hardtop, 1957 Lincoln Continental Mark II, 1958 Ford Edsel sedan, and 1959 Buick Electra 225 convertible
- Powerful "muscle" cars — the 1962 Ford Thunderbird, 1964 Corvette Stingray, 1968 Chevy Impala SS 427, 1969 Chevy Camaro Z 28, 1969 Shelby Cobra Mustang GT-500, 1970 Dodge Challenger R/T, and more
- Fabulous luxury cars — the Mercedes-Benz SLR McLaren two-door Coupe, Maserati Spyder two-door Convertible Roadster, Rolls-Royce Phantom four-door Sedan, Jaguar XJ220 two-door Coupe, Lamborghini Diablo two-door Coupe, Ferrari Enzo two-door Coupe, and others

A compilation of Dave Emanuel's popular Q & A column, this book includes sections on Numbers, Suspension, Engine, Body, Drivetrain, and Interior. Each question is thoroughly answered, and each column includes illustrative photos.

The 5.0-liter performance wave has propelled Ford's Windsor small block to the top of the performance heap. Ford Windsor Small-Block Performance is a comprehensive guide to the tips, tricks, and techniques of top Ford performance experts that will help Fords or Mustangs run harder and faster. Engine building techniques are included for street machines, drag racers, tow vehicles--for just about any Windsor-equipped Ford. Whether owners have a 289, 302/5.0L, or 351W/5.8L, Ford Windsor Small-Block Performance is the guide to performance success--on or off the strip.

How to build small-block Chevy engines for maximum performance. Includes sections on heads, cams, exhaust systems, induction modifications, dyno-tested engine combinations, and complete engine build-ups.

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