

Car Engine Rebuild

As cool as classic muscle cars might be, they're only as good as the automotive technology of their era. That's where this book comes in. With clear, easy-to-follow instructions, this guide shows how to give your car all the muscle of today while preserving the classic styling of your muscle car. In this updated and fully illustrated edition of his popular handbook, veteran overhauler and automotive writer Jason Scott takes readers through the step-by-step improvements that will add more power, style, and handling capability to any classic muscle car. Full-color photos accompany Scott's detailed instructions, covering bodywork and interior restoration, engine enhancements, transmission and axle swaps, suspension, steering, chassis and brake upgrades as well as many other changes that will restore-or maintain-a muscle cars identity while making it perform as if it were built only yesterday.

The venerable Jeep 4.0-liter inline-six engine has powered millions of Jeeps, including CJs, YJs, Wranglers, Cherokees, and Wagoneers. The 4.0 delivers adequate horsepower from the factory, but many off-road drivers want more horsepower and torque to conquer challenging terrain, which means these engines are often built and modified. The Jeep 4.0, or 242-ci, is affordable, abundant, exceptionally durable, and many consider it one of the best 4x4 off-road engines. In this Workbench title, veteran author and Chrysler/Jeep engine expert Larry Shepard covers the rebuild of an entire engine in exceptional detail. He also delves into popular high-performance modifications and build-ups. Step-by-step photos and captions cover each crucial step of the engine disassembly. He shows the inspection of all critical parts, including block, heads, rotating assembly, intake, and exhaust. Critical machining processes are covered, such as decking the block, line boring, and overboring the block. The book provides exceptional detail during the step-by-step assembly so your engine is strong and reliable. Installing a larger-displacement rotating assembly or stroker package is one of the most cost-effective ways to increase performance, and the author covers a stroker package installation in detail. With millions of Jeep 4.0 engines in the marketplace (which are subjected to extreme use), many of these engines require a rebuild. In addition, many owners want to extract more torque and horsepower from their 4.0 engines so these engine are also modified. Until now, there has not been a complete and authoritative guide that covers the engine rebuild and build-up process from beginning to end. Jeep 4.0 Engines is the essential guide for an at-home mechanic to perform a professional-caliber rebuild or a high-performance build-up.

Ford was unique in that it had two very different big-block engine designs during the height of the muscle car era. The original FE engine design was pioneered in the late 1950s, primarily as a more powerful replacement for the dated Y-block design. What began as torquey engines meant to move heavyweight sedans morphed into screaming high-performance mills that won Le Mans and drag racing championships throughout the 1960s. By the late 1960s, the FE design was dated, so Ford replaced it with the 385 series, also known as the Lima design, in displacements of 429 and 460 ci, which was similar to the canted-valve Cleveland design being pioneered at the same time. It didn't share the FE pedigree of racing success, mostly due to timing, but the new design was better in almost every way; it exists via Ford Motorsports' offerings to this day. Beginning in 1971, the 429 found its way between the fenders of Mustangs and Torinos in high-compression 4-barrel versions called the Cobra Jet and Super Cobra Jet, and they were some of the most powerful passenger car engines Ford had ever built. If the muscle car era had not died out shortly after the release of these powerful engines, without a doubt the 429 performance variants would be ranked with the legendary big-blocks of all time. In this revised edition of How to Rebuild Big-Block Ford Engines, now titled Ford 429/460 Engines: How to Rebuild, Ford expert Charles Morris covers all the procedures, processes, and techniques for rebuilding your 385 Series big-block. Step-by-step text provides details for determining whether your engine actually needs a rebuild, preparation and removal, disassembly, inspection, cleaning, machining and parts selection, reassembly, start-up, and tuning. Also included is a chapter in building the special Boss 429 engines, as well as a bonus chapter on the Ford 351 Cleveland, Ford's little brother to the big-block.

Ford FE engines, which were manufactured from the late 1950s all the way through the mid-1970s, were designated as the large-displacement engines in the Ford lineup. FE means Ford Edsel, and reflects an era when Ford sought to promote the Edsel name. The design of these engines was implemented to increase displacement over its predecessor, the Y-Block engines of the previous decade. Early models were fairly modest in displacement, as were most big-blocks of the era, but they grew quickly to fill the needs of rapidly changing chassis requirements and consumer demand for larger vehicles. As it grew, the FE engine performed admirably as a heavy passenger car and light truck engine. It also became quite accomplished in performance circles, winning the 24 Hours of Le Mans, as well as powering Ford's muscle car and drag racing programs in the mid- to late 1960s. In this book, you will learn everything you need to know to rebuild one of these legendary engines. CarTech's unique Workbench series format takes you step-by-step through the entire rebuilding process. Covered are engine identification and selection, disassembly, cleaning, parts analysis and assessment, machine shop processes, replacement parts selection, re-assembly and start-up/break-in techniques. Along the way you find helpful tips on performance upgrades, trouble spots to look for, special tools required, and professional builder's tips. FE master, owner of Survival Motorsports, and veteran author Barry Rabortnick shares all of his tricks and secrets on building a durable and reliable FE engine. Whether you are simply rebuilding an old truck for reliable service use, restoring a 100-point show car, or building the foundation for a high-performance street and strip machine, this book will be an irreplaceable resource for all your future FE engine projects.

To make your car handle, design a suspension system, or just learn about chassis, you'll find what you need here. Basic suspension theory is thoroughly covered: roll center, roll axis, camber change, bump steer, anti-dive, ride rate, ride balance and more. How to choose, install and modify suspensions and suspension hardware for best handling: springs, sway bars, shock absorbers, bushings, tires and wheels. Regardless of the basic layout of your car—front engine/rear drive, front engine/front drive, or rear engine/rear drive—it is covered here. Aerodynamic hardware and body modifications for reduced drag, high-speed stability and increased cornering power: spoilers, air dams, wings and ground-effects devices. How to modify and set up brakes for maximum stopping power and handling. The most complete source of handling information available. "Suspension secrets" explained in plain, understandable language so you can be the expert.

The photos in this edition are black and white. The Mopar big-block RB and B engines have powered millions of Dodge, Plymouth, and Chrysler cars from 1959 to 1978, including some of the most iconic muscle cars—the Charger, Superbird, Barracuda, GTX, Road Runner, Super Bee, and many others. Over the course of 50-plus years, these engines have required and will continue to require rebuilding, and this book is an indispensable guide for the process. Veteran magazine writer Arvid Svendsen documents a professional-caliber rebuild in this latest Workbench® Series title. Full-color photographs accompanied by exceptionally detailed captions with clear, concise instructions guide you through each crucial stage of the rebuild process. You will be able to confidently complete the rebuild of an entire engine, which includes pulling the engine from the car and disassembling the long block. In addition, you are shown how to inspect all components, guide machine work, select optimal parts for a specific performance level, assemble the complete engine, and perform a final shake-down of the engine. All crucial steps of assembly are shown and discussed in exquisite detail, so you can install main bearings, crankshaft, pistons, rods, lifters, push rods, and the entire valvetrain, heads, intake, carb, and all other parts with confidence. Once the engine is installed and the ignition key is turned, you will have the satisfaction of having soundly rebuilt an engine that provides years of strong faithful service. This book is a must-have for any Mopar enthusiast.

The photos in this edition are black and white. From factory drag racing, to the AC Cobra, to the legendary Mustang, the history of the Ford big-block is a long and storied one. Making its debut in the late 1950s, the Ford FE big-block engine sat between the fenders of factory

lightweights, Cobra Jet Mustangs, 427 Cobras, Cougar Eliminators, Talledega Torinos, and Mach 1s. While the FE engines remained in production through the mid 1970s, mostly in light-truck applications, Ford had plans for a new engine on the horizon. In the late 1960s, Ford transitioned the FE big-block out of production in passenger cars and performance applications in favor of an all-new design, called the 385 series, also known as Lima big-block. Originally used in luxury-car applications, the 429-cubic-inch version of this engine found its way into performance applications such as Mustangs and Torinos starting in 1971. The high-compression 4-barrel versions, called Cobra Jet or Super Cobra Jet, are some of the most powerful engines Ford has ever produced. An engine similar in design to the Lima series engine, the legendary 351 Cleveland made its debut in 1970. While technically a small-block in many ways, its oval ports, canted heads, and physical size made people think of it more as a mid-block than a small-block. The 351- and 400-cubic-inch versions (the latter known as M series engines) of the Cleveland engine were used in passenger car applications and in light trucks starting in 1975. The M stood for modified, as the deck height, bearing sizes, as well as pistons and connecting rods were modified for low-compression passenger car and light truck use, and they were used all the way through the early 1980s. All three engines are covered in full detail in this Workbench series rebuild volume. Included are step-by-step heavily illustrated instructions, that walk you through the entire process of rebuilding your Ford engine. If you want to breathe new life into your tired old Ford engine, this is the book for you.

With the increasing popularity of GM's LS-series engine family, many enthusiasts are ready to rebuild. The first of its kind, *How to Rebuild GM LS-Series Engines*, tells you exactly how to do that. The book explains variations between the various LS-series engines and elaborates up on the features that make this engine family such an excellent design. As with all Workbench titles, this book details and highlights special components, tools, chemicals, and other accessories needed to get the job done right, the first time. Appendices are packed full of valuable reference information, and the book includes a Work-Along Sheet to help you record vital statistics and measurements along the way.

As Ford's follow-up to the famous flathead, the Y-block was Ford's first overhead-valve V-8 and it established an impressive high-performance legacy, winning many races in NASCAR and setting records at the Bonneville Salt Flats. This venerable Ford engine, which powers classic Thunderbirds, Crown Victorias, Edsels, and other cars, is enjoying a performance renaissance. Many aftermarket parts, including heads, can turn a sedate Y-block into a powerhouse. The engine earned its name from its deep-skirt block design that looked like a "Y." This stout engine was installed in millions of Ford cars from 1954 to 1962 and Ford trucks from 1952 to 1964. Author and Ford tech expert Charles Morris explains each critical aspect of rebuilding a stock 239-, 256-, 272-, 292-, and 312-ci Y-block and building a modified Y-block. He shows you how to identify components and conduct a thorough inspection so you select a sound block, heads, intake, and other components. He explains the specifics for obtaining high-quality machining work and verifying clearances. In addition, he delves into the intricacies of each step of the assembly process so you can rebuild a strong-running and reliable engine. Most important, Morris details the steps to effectively remedy the Y-block oiling problems. This is the book Ford Y-block owners and fans have been waiting for. It's an indispensable guide for performing a professional-caliber rebuild and buildup of the Y-block.

The top-selling auto repair guide--400,000 copies sold--now extensively reorganized and updated Forty-eight percent of U.S. households perform at least some automobile maintenance on their own, with women now accounting for one third of this \$34 billion automotive do-it-yourself market. For new or would-be do-it-yourself mechanics, this illustrated how-to guide has long been a must and now it's even better. A complete reorganization now puts relevant repair and maintenance information directly after each automotive system overview, making it much easier to find hands-on fix-it instructions. Author Deanna Sclar has updated systems and repair information throughout, eliminating discussions of carburetors and adding coverage of hybrid and alternative fuel vehicles. She's also revised schedules for tune-ups and oil changes, included driving tips that can save on maintenance and repair costs, and added new advice on troubleshooting problems and determining when to call in a professional mechanic. For anyone who wants to save money on car repairs and maintenance, this book is the place to start. Deanna Sclar (Long Beach, CA), an acclaimed auto repair expert and consumer advocate, has contributed to the Los Angeles Times and has been interviewed on the Today show, NBC Nightly News, and other television programs.

This comprehensive resource provides detailed content on the theory of operation, diagnosis, repair, and rebuilding of automotive engines. Students will gain essential technical expertise as they develop the skills and knowledge they need for professional success, including critical thinking and awareness of key industry trends and practices. *AUTOMOTIVE ENGINES: DIAGNOSIS, REPAIR, AND REBUILDING*, Eighth Edition, emphasizes universal repair techniques and case histories based on real-world scenarios to prepare users for careers in the field. Instructor resources include lesson plans, customizable lab sheets that address ASE Education Foundation Standards, a customizable test bank with questions based on chapter content, PowerPoint presentations, and more. Now updated with new, full-color images and information on the latest trends, tools, and technology--including hybrid engines and high-performance components--this trusted text is the ideal resource for automotive program instructors who want a complete teaching package for their Engines course. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Learn how to rebuild a Volkswagen air-cooled engine! This guide will teach the reader how to troubleshoot, remove, tear down, inspect, assemble, and install Bug, Bus, Karmann Ghia, Thing, Type-3, Type-4, and Porsche 914 engines. All models from 1961 on up are included. Complete Engine Rebuild to Factory Stock Specifications. Covers all Mopar Magnum V8 Car and Truck Engines, 1992 to Present. This is a complete step-by-step guide to rebuilding the newest line of Chrysler, Dodge, and Plymouth V8 engines. Taking you through the process from beginning to end, it includes sections on: inspection and analysis, engine removal, disassembly, and much more.

Now you can have the chassis and suspension technology that is winning races right now. The information in this book is currently being used by top teams in Touring Late Models, All Modified Divisions, Stock Clip Late Models, Mini Cars, Road Racing Sedans and all other types of stock cars to setup their cars for asphalt and dirt track racing. *Stock Car Setup Secrets* takes the "guesswork" out of chassis setup. Chassis expert Bob Bolles, offers detailed information on all aspects of racing chassis engineering. Book jacket.

A surprisingly little-known marque today, Elcar once ranked among the finest vehicles on American roads. Built to exacting standards in Elkhart, Indiana, an Elcar could compete head-to-head on the basis of performance, quality, or price with the products of much larger manufacturers. Ultimately done in by weak distribution and the ravages of the Depression, Elcar today stands as an example of an ambitious company that transformed itself, successfully if temporarily, from a maker of buggies and harnesses into a respected car manufacturer in the early days of the automotive age. This remarkably exhaustive history, researched over several decades from all available sources, including interviews with former Elcar employees, details every Elcar model and the Pratt vehicles that preceded them, as well as the personalities behind the cars. Extensive appendices provide a complete model history, with specifications; a full corporate chronology; an illustrated accounting of all Elcars and Pratts known to survive whole or in part today; a roster of company employees; a descriptive list of all ads and brochures ever produced by the company; and a wealth of other data that can be found nowhere else. Lavishly illustrated and surpassingly thorough, this book is a well of information on a significant but forgotten line of automobiles.

Provides tips and techniques for constructing the body, chassis, powertrain and drivertrain, and interior, and covers all aspects of planning a project

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.

Ground up or section by section, this guide will show you how to restore your 1965-70 Mustang to like-new condition.

Packed with dozens of identification charts and more than 450 photos and drawings. the guide covers year-by-year equipment changes and disassembly and assembly. A Mustang suppliers list is a bonus.

The Chrysler B-Bodies from 1966 to 1970 are the most-restored cars in the franchise's storied history. Popular models among them include the Charger, Coronet, GTX, Road Runner, and Super Bee. Restoring a Mopar B-Body is easier than ever with numerous of available aftermarket parts suppliers.

This book offers an in-depth resource for restoring a Mopar B-Body. Step-by-step processes walk you through the tasks of metal repair, suspension rebuild, driveline verification, interior restoration, and more. All components are addressed, creating the most complete resource in the marketplace. With multiple step-by-step procedures and more than 400 color photographs, this is the most-complete hands-on book ever written covering these coveted Chryslers. This will be your primary resource when it's time to tackle a full restoration or complete a simple repair on your prized Pentastar. You won't find a cheaper "part" that helps you more than Mopar B-Body Restoration 1966–1970.

This user-friendly guide gives you the knowledge to keep your interior looking like new. You'll learn how to get professional results from kits you can install in your own garage. Automotive upholstery is easy if you know the secrets of how to do professional quality work at home. There is no need to sew or buy an expensive industrial sewing machine because skilled technicians do the sewing for you. Upholstery kits and do-it-yourself products are available for a wide variety of cars and trucks. By doing the installation work yourself, you save money and have the satisfaction of learning a new skill. Detailed sections include: · Painting Interior Parts · Headliner Replacement · Carpet Kits · Door Panels · Dashboard Restoration · Seat Kit Installation · Kick Panels · Trunk Detailing · Steering Wheel Repairs and Swaps · Custom Seat Installation · Using Dyes · Simple Upholstery Repairs · Cleaning and Detailing Tips

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.

When Chrysler introduced the 350 and 361 "B" series of engines in 1958, they launched a legacy of performance that sparked the muscle car war of the sixties and early seventies. Within a few years, these engines evolved into the famed 426 Hemi, 413 Max Wedge and 440 Six-Pack. Dubbed "elephant motors" by enthusiasts, racers, and hot rodders alike, these big-blocks ruled the streets in Barracudas, Challengers, Furys, and Chargers. They were also used in a wide variety of other Chrysler, Dodge, and Plymouth cars and trucks. How to Rebuild Big-Block Mopar Engines is a comprehensive hands-on guide to rebuilding these motors to factory specifications. Included are fully illustrated, step-by-step sections that cover the entire engine rebuilding process, from inspection, removal, and disassembly, to machine shop work, reconditioning, assembly, installation, and tune-up. Collectors and restorers who rely on correct casting numbers for authenticity will find the parts identification and interchange information to be invaluable. Written in an easy-to-understand and easy-to-follow format, this is an essential resource needed by any serious Mopar fan.

All 1.8 models, inc. Eunox, from 1994 (all pop-up headlight models). Phenomenally detailed, informative, helpful & easy to understand. Every detail of important repair & maintenance jobs is covered.

From workhorse to racehorse, the big-block Chevy provided the power demands of the mid-'60s. used in everything from medium-duty trucks to Corvettes, these engines are worth rebuilding. Do it right with this book! Clear, concise text guides you through each engine-rebuilding step. Includes complete specifications and more than 500 photos, drawings, charts and graphs. Covers troubleshooting, parts reconditioning and engine assembly. Tells you how to do a complete overhaul or a simple parts swap. One whole chapter on parts identification tells how to interchange parts for improvised durability or performance. Includes comprehensive specifications and casting numbers.

Restore your Pontiac V-8 engine to original factory performance and specifications in this revised edition of a Pontiac best seller. Under the guidance of Semon "Bunkie" Knutson, John DeLorean, and a host of creative and innovative people, Pontiac established its own identity and distinct V-8 engine platform under the GM banner. In 1955, Pontiac's V-8 started out at a meager 287 ci, but it was an auspicious beginning to an illustrious line of engines. The potent powerplant grew and evolved over the coming decades; which included the 389 Tri-Power, 421, Ram Air IV 400, 428, and the Super Duty 455. These V-8s powered a number of legendary cars, including the GTO, Firebird, Trans-Am, and many others. In this updated edition, longtime Pontiac expert Rocky Rotella guides the reader through the entire rebuild process. Drawing on his vast experience, Rotella uses detailed captions and explanatory photos to show each crucial step of the disassembly, inspection, machine work, parts selection, assembly, and break-in process. This book instructs the reader how to skillfully pull the engine and prevent damage to the car. It documents how to carefully inspect the components for problems and fix these issues that could spell doom for a newly rebuilt engine. Finding a reputable and professional machine shop that specializes in Pontiac engines is discussed, as well as aftermarket parts and OEM parts interchange for high performance so you can select the best parts for a particular engine. All essential machine shop procedures are covered in detail. Also included is a new chapter on casting numbers and parts compatibility. Most important, as with all Workbench series titles, the methodical and practical approach provides the insight and vital information required for the task. This, the first-ever book dedicated to rebuilding the Pontiac V-8 engine, is a valuable addition to any Pontiac enthusiast's library.

From racing to heavy-duty hauling, the big-block Ford engine has been used successfully in Ford Motor Co. vehicles ranging from full-size trucks and passenger cars to the LeMans-winning GT40. How to Rebuild Big-Block Ford Engines details how you can rebuild your FE or FT engine to perfect running condition using factory stock components. All rebuilding steps are covered with easy-to-understand text, illustrated with over 500 photos, charts, drawings and diagrams. You'll find tips on engine removal, disassembly, parts reconditioning, assembly and installation. You'll be able

to do either a complete overhaul or a simple parts swap. As an added bonus, a complete section on parts identification and swapping is also included, along with the most complete and correct listing of specifications and casting numbers available on big-block Ford engines. Don't put off your project any longer. Rebuild your big-block Ford engine today! This second edition is bigger and better with new color photography and updated information about new materials, parts sources and restoration techniques. This massive book includes over 1,300 photos that offer detailed step-by-step coverage of restoration processes. By thoroughly presenting the restoration of 12 of the most coveted muscle cars of all time, the authors cover virtually every aspect of restoration, from disassembly to first drive. Cars featured here include: 1968 Yenko Camaro; 1966 Pontiac GTO; 1969 Dodge Charger 500; 1963 1/2 Ford 427 Galaxie 500 Hatchback; 1973 Pontiac Super Duty Trans Am; 1966 L79 Chevy Nova SS; and a 1966 Dodge Coronet Hemi. 2nd Edition

If you have one of the 351C, 351M, 400, 429 or 460 Ford V8s, this comprehensive book is a must. It walks you through a complete engine rebuild, step-by-step, with minimum use of special tools. Save money by finding out if your engine really needs rebuilding, or just simple and inexpensive maintenance. Results from diagnosis outlines in this book should be your guide, not the odometer. All rebuilding steps are illustrated from beginning to end. How to inspect parts of damage and wear, and to recondition each part yourself to get the job done right! The most complete source of information identifying major engine parts. Casting numbers, parts description, when a part was used and how it can be interchanged is fully covered in the text, in 20 tables and in 560 photos or drawings. This book will make you an expert!

Offers detailed guidance on removing, tearing down, reconditioning, assembling, installing, and tuning up the engine of a Honda car

The step-by-step guide to planning and restoring your car in the most cost-effective way. Includes body, trim and mechanical restoration, left- to right-hand drive conversion, clubs, specialists and suppliers, welding and restoration techniques, and advice on what work to sub-contract.

Determined to leave her daughter some kind of guide to help her through life after she's gone, author Sophia Renee Oglesby uses prepare for the worst and hope for the best as the foundation for her research to write one. In It's Not the Money, It's Who it's Going To, Oglesby uses that research as the basis for a series of short stories that deliver a host of life lessons and early warning signs. It's Not the Money, It's Who it's Going To interconnects the fictional stories with a section of short, practical ideas covering a wide variety of subjects, an in-depth look at relationships, and an assortment of comfort food recipes. Oglesby offers a straightforward, common sense approach on assessing yourself and the life situation you're in, to make sure you're living in the best situation possible. An eclectic mix of information, these life lessons and easy guides serve as a resource for those interested in having examples for comparison or starting points.

How to Rebuild Any Automotive EngineCartech

If you have a small-block Ford, then you need this book! This detailed guide covers the step-by-step rebuilding process of the popular small-block Ford engine. Parts inspection, diagnosis, reconditioning, and assembly are outlined in simple text. Hundreds of photos, charts, and diagrams visually walk you through the entire rebuild. You'll be able to completely disassemble your engine, recondition the block and cylinder heads, then reassemble and install the engine in your vehicle. There's even a section on how to perform tune-ups to maximize performance and economy. Sections on parts interchanging will help you identify all parts and determine which ones can and can't be swapped. This is truly a "hands-on" book. Don't put off your project any longer. Start rebuilding your small-block Ford today!

Rod set out to create a new kind of owner's workshop manual--friendly, easy to understand, yet more detailed than any other manual: this book is the result, Rod stripped down an MX-5 ('Miata' USA/'Eunos' Japan) in a domestic garage using ordinary tools and, in the process, took over 1500 step-by-step photographs. The result is a superbly detailed text which passes on to the reader every detail of important jobs, including how problems can be overcome without resorting to special tools.

The photos in this edition are black and white. There comes a time in every automobile's life when the engine just doesn't perform as it should anymore. It may be burning oil, it may be leaking, the compression may be so low that it only starts on cold days, or maybe it just isn't very efficient anymore. When all of this happens, you have to decide whether to just dump the car and replace it, or add some new life to your old car by rebuilding the engine. Rebuilding the engine in any used car, much less a classic, seems like a much more attractive option when you can save a lot of money by doing it yourself. Sometimes the savings are the difference between keeping your car or letting it go. If you want to keep your car running strong and lasting for years, this is the book for you. A part of CarTech's Workbench Series, "How to Rebuild Any Automotive Engine" covers the basics of any engine rebuild in more than 400 photos of step-by-step instruction. Subjects covered include preparation and tool requirements, engine removal, engine disassembly, machine work and clean-up, short-block assembly, final engine assembly, installation, start-up, and break in. Also visited are the options of purchasing crate engines, remanufactured engines, and performance upgrades. This book applies to all cars on the road that feature an internal combustion engine. Spend a little on this book and save hundreds of dollars down the road.

"Your complete guide to all aspects of restoration including chassis, body, engine, suspension, steering, brakes, electrical equipment, interior trim and exterior trim"--Page 4 of cover.

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